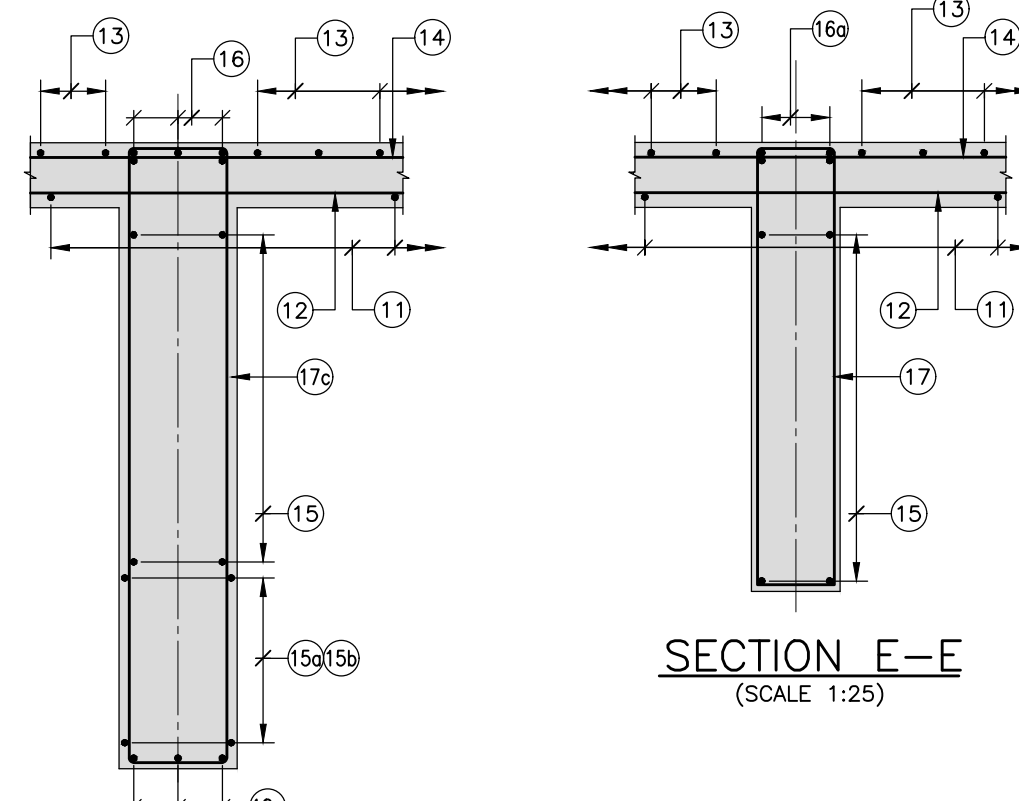
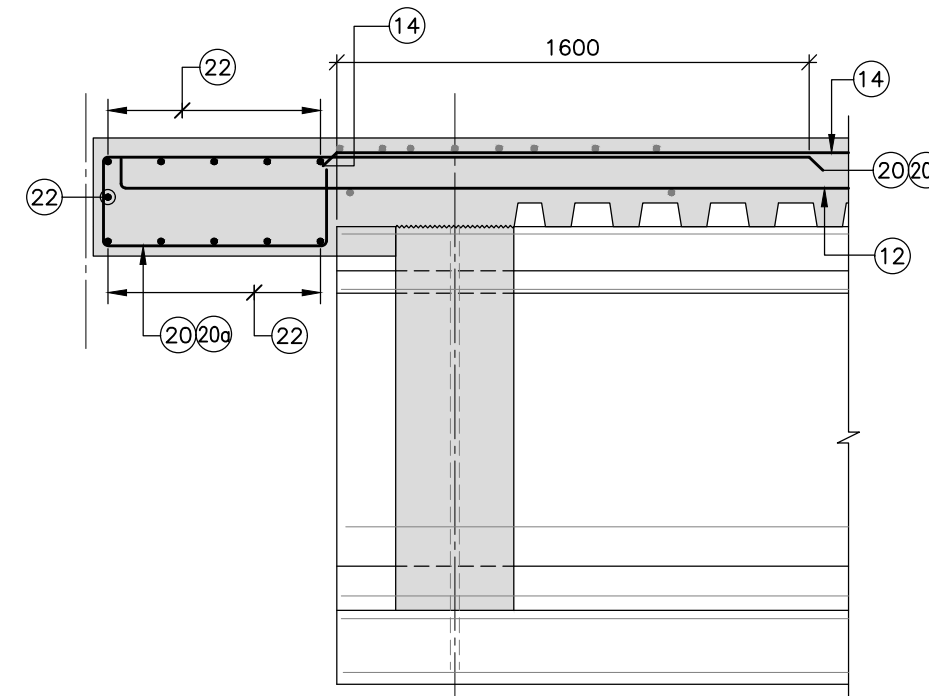


PLAN AT DECK LEVEL
(SCALE 1:50)

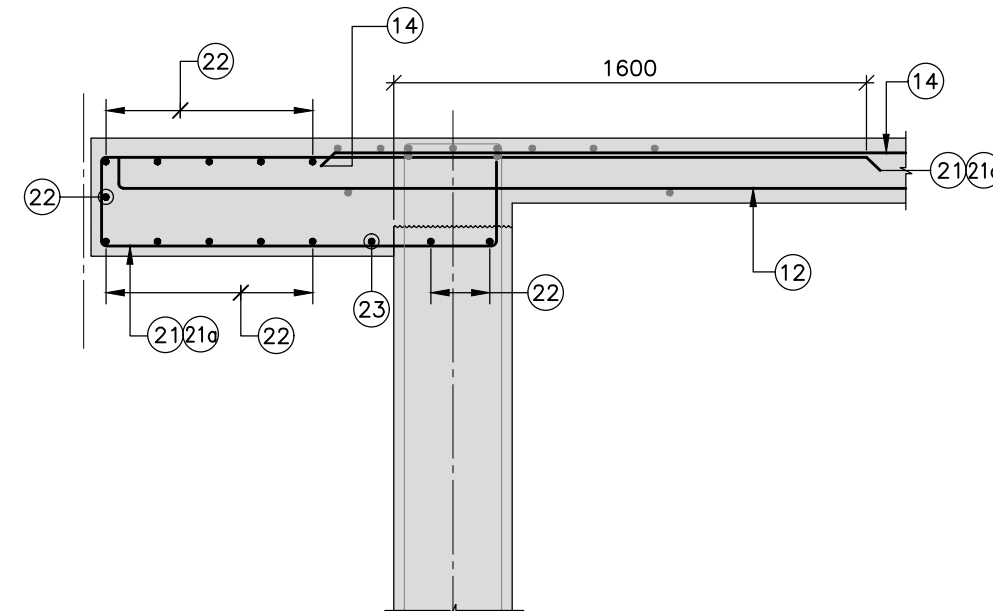


SECTION E-E
(SCALE 1:25)

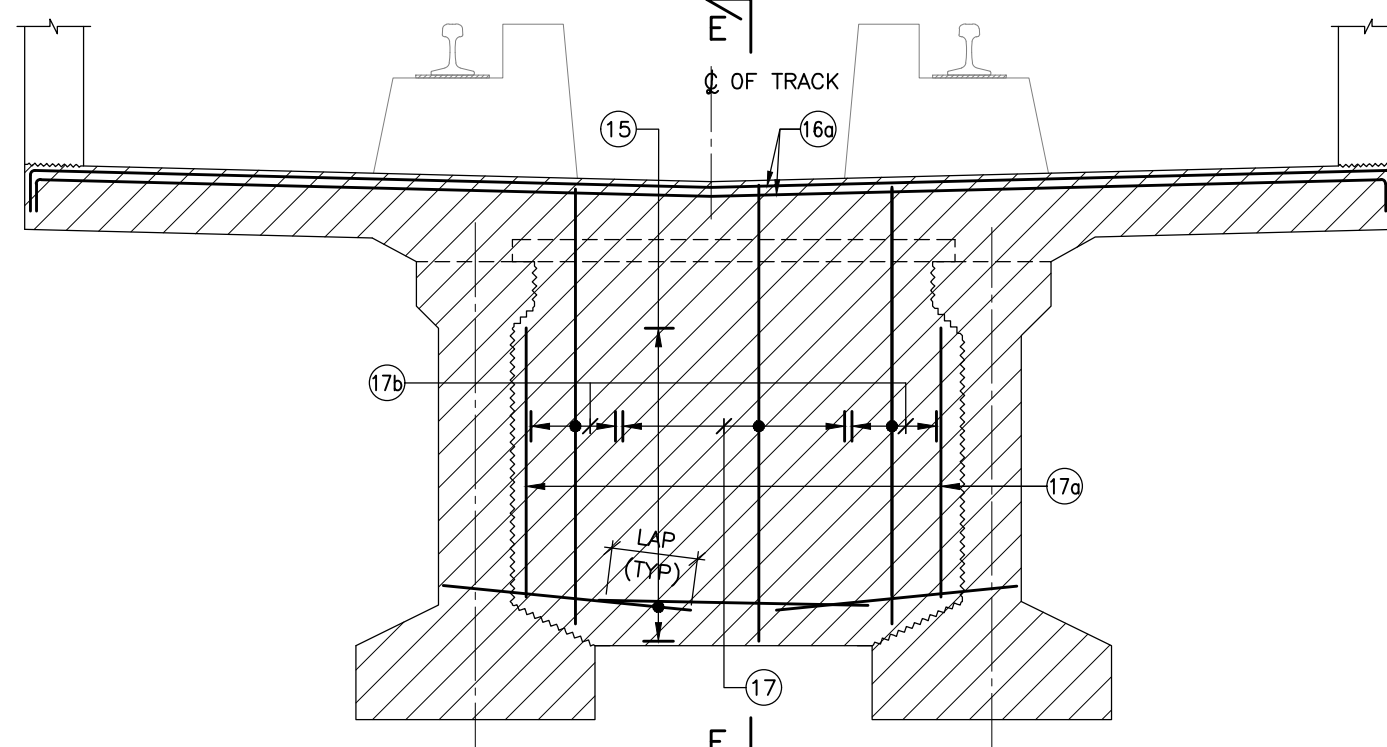
SECTION D-D
(SCALE 1:25)



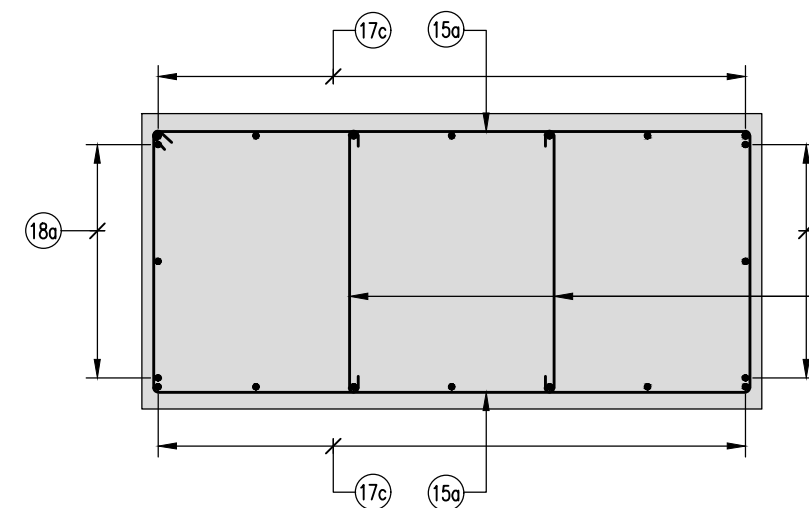
SECTION F-F
(SCALE 1:25)



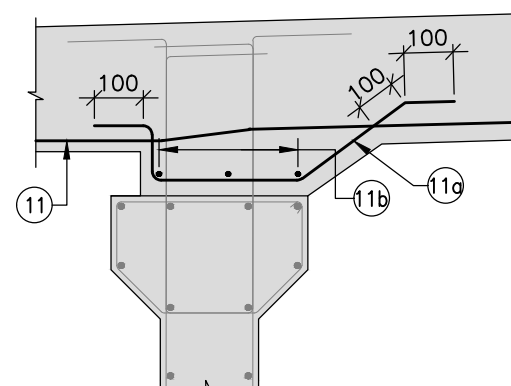
SECTION G-G
(SCALE 1:25)



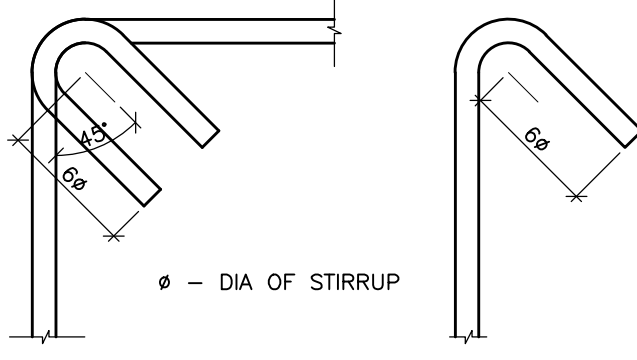
SECTION C-C
(SCALE 1:25)



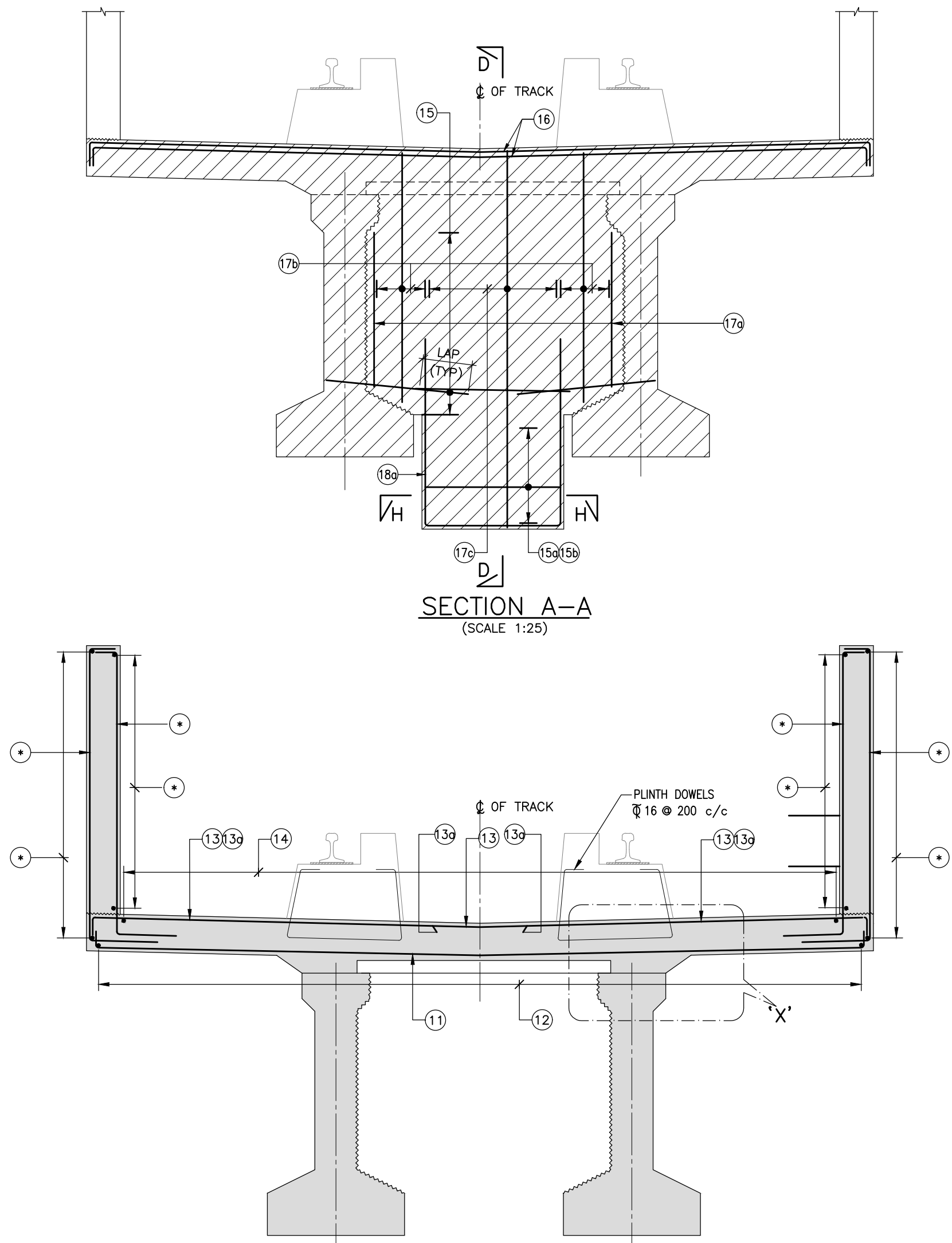
SECTION H-H
(SCALE 1:10)



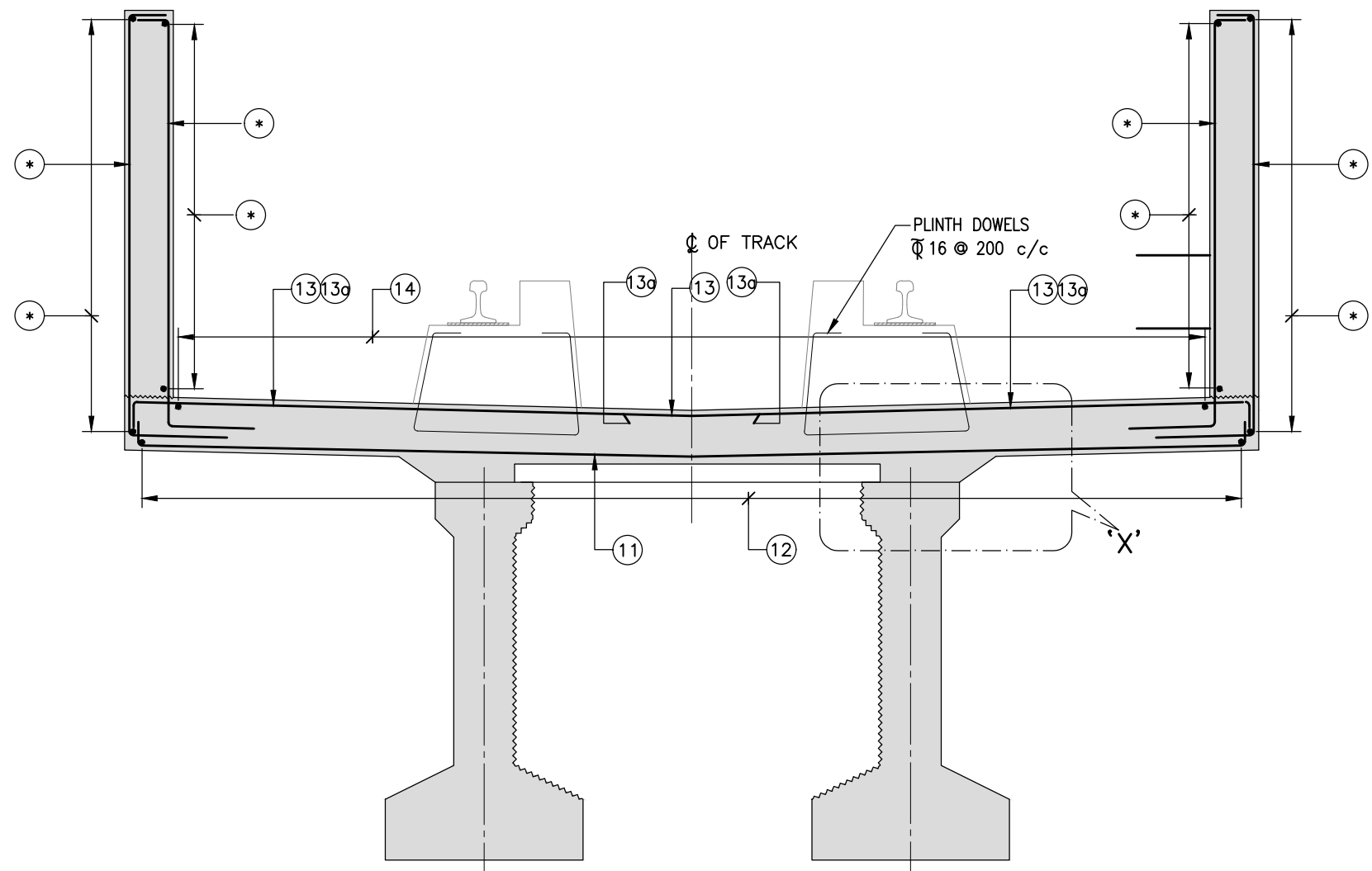
DETAIL - 'X'
(SCALE 1:15)



STANDARD STIRRUP DETAIL
(SCALE 1:5)



SECTION A-A
(SCALE 1:25)



SECTION B-B
(SCALE 1:25)

(* REFER MISCELLANEOUS DETAILS DRAWING FOR PRETENSION I-GIRDER)

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 M40.
- MINIMUM CLEAR COVER TO ANY REINFORCEMENT SHALL BE 40mm.
- 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
- DOWEL BARS FOR RAIL PLINTH, PARAPET WALL AND OHE 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	BOTTOM
	11a	10	100	150 c/c	HAUNCH R/F
	11b	10	2x3 NOS.		HAUNCH R/F
	11c	10	100	150 c/c	HAUNCH R/F
	12	10	100	200 c/c	BOTTOM
	13	12	100	100 c/c	TOP
	13a	12	100	100 c/c	BUNDLED WITH BAR MARK 13
	14	10	300	200 c/c	TOP
	15	12	LAP (TYP)	100 c/c	
	15a	12		100 c/c	
DIAPHRAGM	16	20	100	5 Nos.	END DIA.
	16a	20	100	4 Nos.	INTER. DIA.
	17	12		200 c/c	
	17a	12		2 NOS.	PER END/INTERMEDIATE DIAPHRAGM
	17b	12		200 c/c	
	17c	12		7 Nos.	
	18	12	LAP (TYP)	100 c/c	
	18a	16	1650	6 Nos.	PER END DIAPHRAGM
	19				NOT USED
OVERHANG SLAB	20	16	2400	100 c/c	
	20a	16	2400	100 c/c	BUNDLED WITH BAR MARK 20
	21	16	2600	100 c/c	
	21a	16	2600	100 c/c	BUNDLED WITH BAR MARK 21
	22	10	300	200 c/c	
	23	10	300	1 Nos.	

REFERENCE DRAWINGS :

- O22077-BSRP-CR2-C-VD-GEN-30-2469...GENERAL ARRANGEMENT FOR 12.034M TRANSITION SPAN SUPERSTRUCTURE AT VIADUCT FOR CR2 FOR PP202A-UP203 - SINGLE TRACK
- O22077-BSRP-CR2-C-VD-GEN-30-2470...REINFORCEMENT DETAILS OF 12.034M TRANSITION SPAN SUPERSTRUCTURE AT VIADUCT FOR PP202A-UP203 - SINGLE TRACK
- O22077-BSRP-CR2-C-VD-GEN-30-2471...PRE TENSIONED STRAND DETAILS FOR 12.034M TRANSITION SPAN SUPERSTRUCTURE AT VIADUCT FOR PP202A-UP203 - SINGLE TRACK
- O22077-BSRP-CR2-C-VD-GEN-30-2391... MISCELLANEOUS DETAILS DRAWING FOR PRETENSION I-GIRDER

GOOD FOR CONSTRUCTION

NOTES:		LEGEND:		REFERENCE DRAWINGS:		REFERENCE DOCUMENTS:		KEY PLAN		STATION BOX KEY PLAN	
						<p>DOC-BSRP-CR2-EV-DGN-GEN-30-1371</p> <p>DOC-BSRP-CR2-EV-DGN-GEN-30-1372</p>					
REVISIONS:		CONTRACTOR:		QUALITY ASSURANCE:		GENERAL CONSULTANTS:		EMPLOYER:		PROJECT:	
		TRANSPORTATION INFRASTRUCTURE IC		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		RAIL INFRASTRUCTURE DEVELOPMENT COMPANY (KARNATAKA) LIMITED		BENGALURU SUBURBAN RAILWAY PROJECT (BSRP) K-RIDE CORRIDOR - 2	
		STUP Consultants Pvt. Ltd.		DDC PC Contractor		NAME SIGN		K RIDE		DRAWING TITLE:	
		STUP Consultants Pvt. Ltd.				PROJECT DIRECTOR		DESIGNATION SIGN DATE		REINFORCEMENT DETAILS OF 12.034M TRANSITION SPAN SUPERSTRUCTURE AT VIADUCT FOR CR2 FOR PP202A-UP203 - SINGLE TRACK (DECK SLAB AND DIAPHRAGM)	
		STUP Consultants Pvt. Ltd.				NAME SIGN		DESIGNATION SIGN DATE		DRAWING NO.:	
		STUP Consultants Pvt. Ltd.				NAME SIGN		DESIGNATION SIGN DATE		O22077-BSRP-CR2-C-VD-GEN-30-2472	
		STUP Consultants Pvt. Ltd.				NAME SIGN		DESIGNATION SIGN DATE		REVISION	
		STUP Consultants Pvt. Ltd.				NAME SIGN		DESIGNATION SIGN DATE		DWG STATUS	
		STUP Consultants Pvt. Ltd.				NAME SIGN		DESIGNATION SIGN DATE		0	
		STUP Consultants Pvt. Ltd.				NAME SIGN		DESIGNATION SIGN DATE		C	
		STUP Consultants Pvt. Ltd.				NAME SIGN		DESIGNATION SIGN DATE		SCALE: AS SHOWN	
		STUP Consultants Pvt. Ltd.				NAME SIGN		DESIGNATION SIGN DATE		DATE: 23.09.2024	
		STUP Consultants Pvt. Ltd.				NAME SIGN		DESIGNATION SIGN DATE		PRELIMINARY DWG (P), DEFINITIVE DWG (D), CONSTRUCTION DWG (C), AS BUILT DWG (B), SHOP DWG (S), MANUFACTURED DWG (M)	
		STUP Consultants Pvt. Ltd.				NAME SIGN		DESIGNATION SIGN DATE		SHEET SIZE - A1	