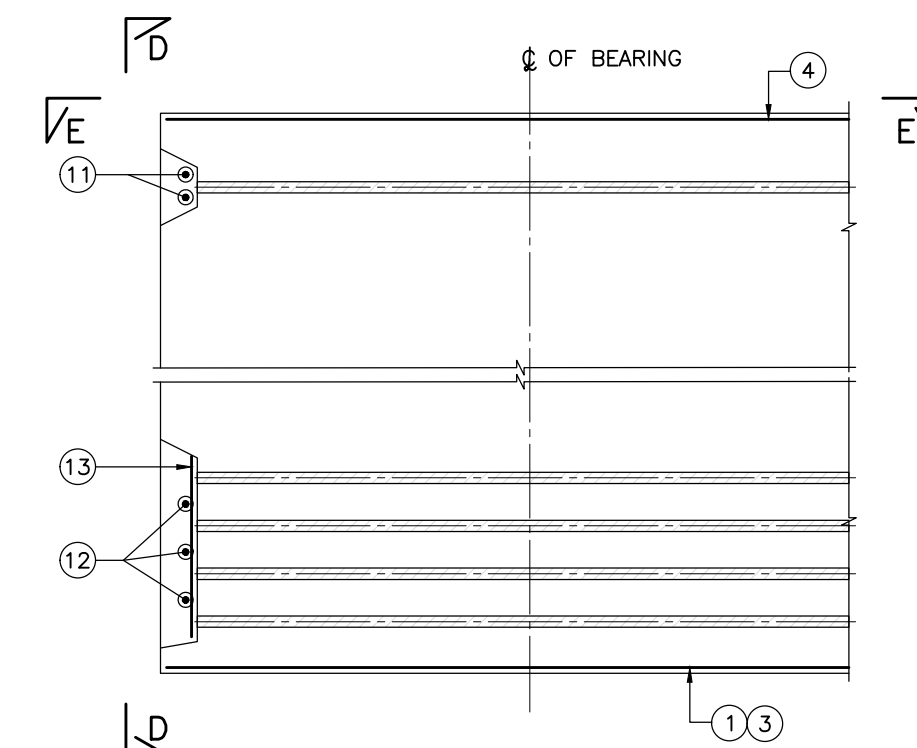


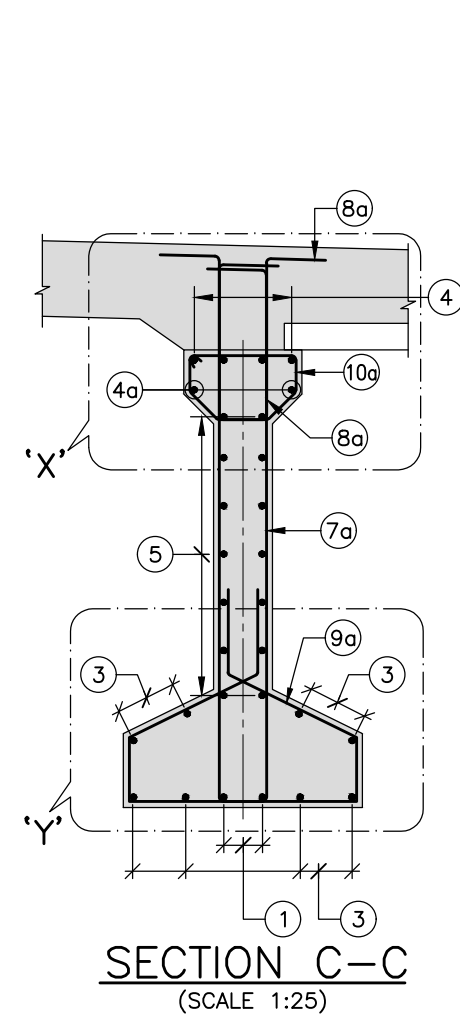
VIEW—E—E
(SCALE 1:10)

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 20% 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 BE PROVIDED FOR PROPER POSITIONING OF REINFORCEMENT.
10. DOWEL BARS FOR DIAPHRAGM SHALL BE LEFT BEFORE CONCRETING.

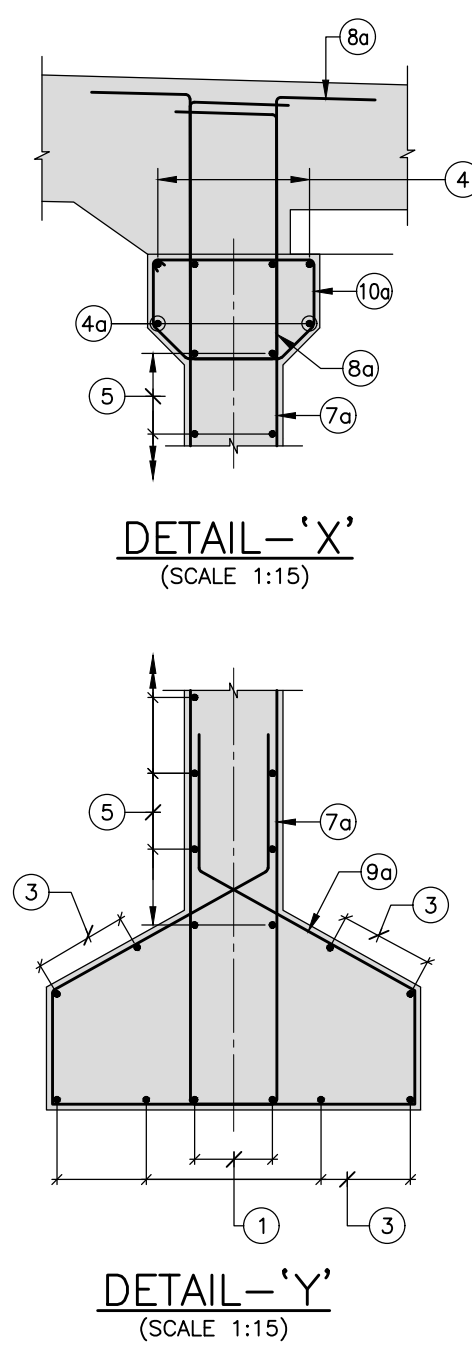


DETAILS OF RECESS REINF.
(SCALE 1:10)

1.	022077-BSRP-CR2-C-VD-GEN-20-2419.....	GENERAL ARRANGEMENT FOR 17.75M STRAIGHT SPAN SUPERSTRUCTURE AT MATTHEWERE STATION FOR CR2 FOR P160 TO P161 & P162 TO P163 (UP & DOWN TRACK) - SINGLE TRACK
2.	022077-BSRP-CR2-C-VD-GEN-20-2421.....	PRE TENSIONED STRAIGHT DETAILS FOR 17.75M STRAIGHT SPAN SUPERSTRUCTURE AT MATTHEWERE STATION FOR CR2 FOR P160 TO P161 & P162 TO P163 (UP & DOWN TRACK) - SINGLE TRACK
3.	022077-BSRP-CR2-C-VD-GEN-20-2422.....	REINFORCEMENT DETAILS OF 17.75M STRAIGHT SPAN SUPERSTRUCTURE AT MATTHEWERE STATION FOR CR2 FOR P160 TO P161 & P162 TO P163 (UP & DOWN TRACK) - SINGLE TRACK (DECK SLAB AND DIAPHRAGM)

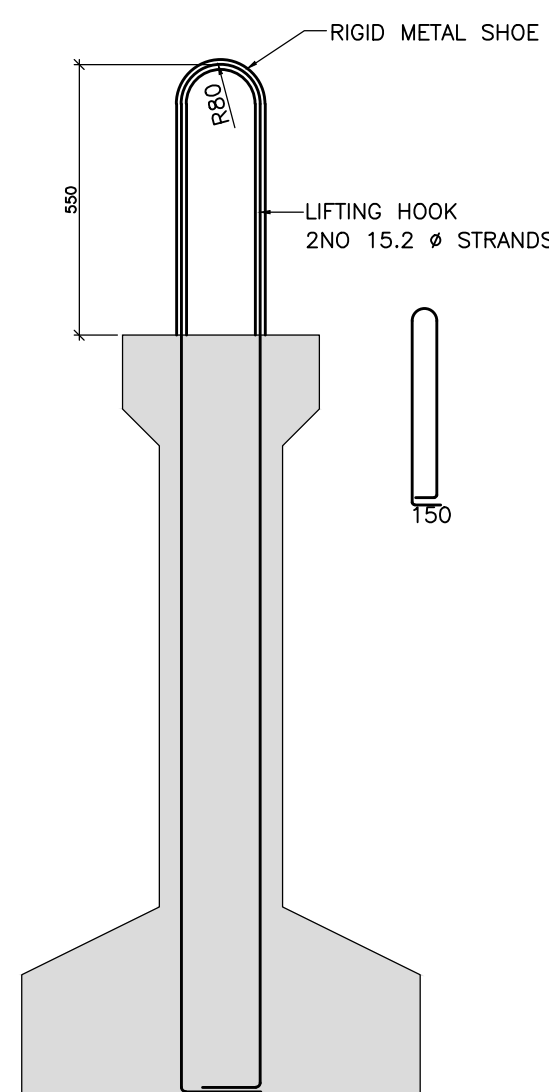


SECTION C-C
(SCALE 1:25)

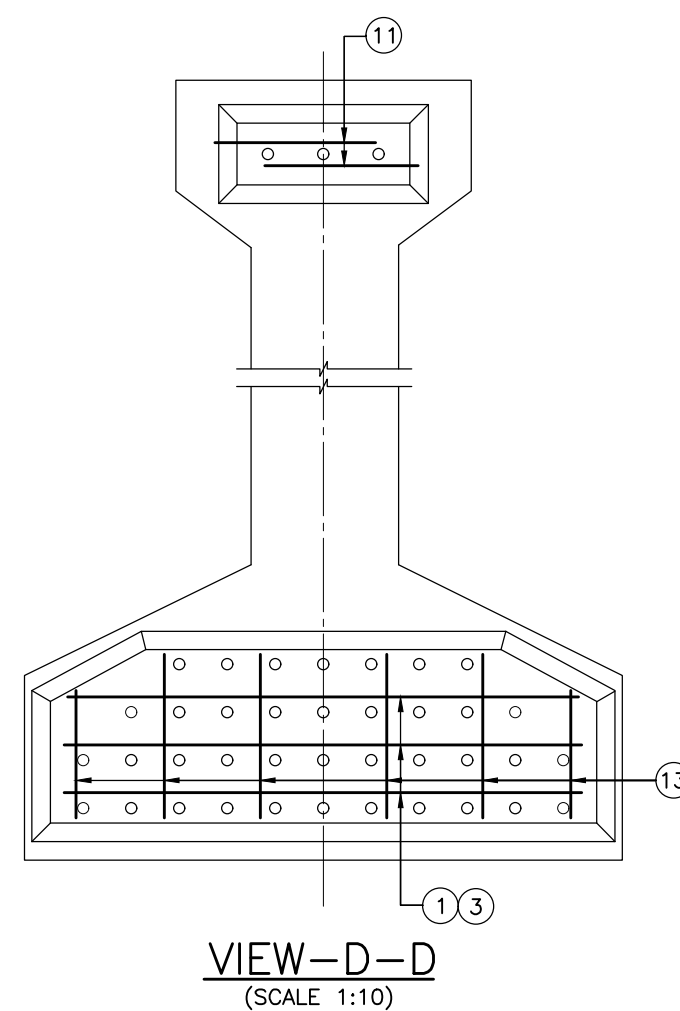


DETAIL-'X'
(SCALE 1:15)

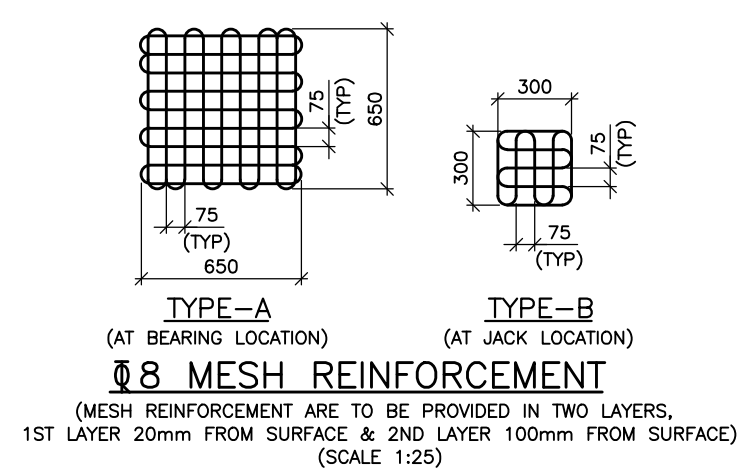
DETAIL—'Y'
(SCALE 1:15)



TYPICAL LIFTING HOOK DETAILS
(ONLY LIFTING HOOKS SHOWN FOR CLARITY)
(SCALE 1:15)



VIEW-D-D
(SCALE 1:10)

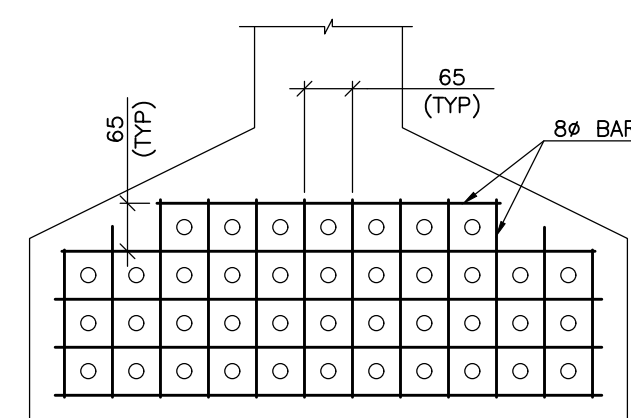


Ø 8 MESH REINFORCEMENT

Ø 8 MESH REINFORCEMENT

Ø 8 MESH REINFORCEMENT

(MESH REINFORCEMENT ARE TO BE PROVIDED IN TWO LAYERS,
1ST LAYER 20mm FROM SURFACE & 2ND LAYER 100mm FROM SURFACE)
(SCALE 1:25)



MESH DETAIL (M1)
(SCALE 1:10)

NOTES :		NOTES :		LEGEND :		REFERENCE DRAWINGS :		REFERENCE DOCUMENTS :		KEY PLAN		STATION BOX KEY PLAN		EMPLOYER :																																
				<div><div><div><div></div></div><div>— BEARING</div></div><div><div><div></div></div><div>— JACKING POSITION</div></div><div><div><div></div></div><div>— JACKING POSITION</div></div><div><div><div></div></div><div>— GIRDER</div></div><div><div><div></div></div><div>EF — EACH FACE</div></div></div>				DCC-BSPR-CR2-EV-DGN-GEN-20-1360						<table><tr><th>DESIGNATION</th><th>NAME</th><th>SIGN</th></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr></table>			DESIGNATION	NAME	SIGN																											
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		TRANSPORTATION INFRASTRUCTURE IC EDCR-SPECIAL BRIDGES		The responsibility of contract, 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.		<table><tr><th>CHECKED</th><th>NAME</th><th>SIGN</th><th>REVIEWED</th><th>PROJECT DIRECTOR</th></tr><tr><td>CIVIL & STRUCTURAL</td><td></td><td></td><td>DY. PD</td><td></td></tr><tr><td>GEO-TECHNICAL</td><td></td><td></td><td></td><td></td></tr></table>		CHECKED	NAME	SIGN	REVIEWED	PROJECT DIRECTOR	CIVIL & STRUCTURAL			DY. PD		GEO-TECHNICAL					RAIL INFRASTRUCTURE DEVELOPMENT COMPANY (KARNATAKA) LIMITED		BENGALURU SUBURBAN RAILWAY PROJECT (BSPR) K-RIDE CORRIDOR - 2																					
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		STUP Consultants Pvt. Ltd. 2nd Floor, 2nd Main Road, K. R. Nagar, Marathahalli, Bengaluru-560022 Tel: 080-2288-9600 Email: stupa@stupaconsultants.com www.stupaconsultants.com		Indian Institute of Technology Madras IIT P. O., Chennai 600 036 INDIA		<table><tr><th>SIGN</th><th>DATE</th><th>NAME</th><th>DATE</th><th>NAME</th></tr><tr><td></td><td>01.07.2024</td><td>HSS</td><td>01.07.2024</td><td>ADR</td></tr><tr><td></td><td>01.07.2024</td><td>ADR</td><td>01.07.2024</td><td>SDC</td></tr><tr><td></td><td>01.07.2024</td><td>KVM</td><td>01.07.2024</td><td>KVM</td></tr></table>		SIGN	DATE	NAME	DATE	NAME		01.07.2024	HSS	01.07.2024	ADR		01.07.2024	ADR	01.07.2024	SDC		01.07.2024	KVM	01.07.2024	KVM	NAME		DRAWING NO. :		O22077-BSPR-CR2-C-VD-GEN-20-2420		REVISION		DWG STATUS										
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