

GENERAL CONSULTANT FOR BENGALURU SUBURBAN RAILWAY PROJECT (BSRP)

GC/BSRP/KRIDE/RVNL-RPPL JV/C4A/2025/ 221

Date: 26th Nov 2025

To,
Chief Project Manager
RVNL, No. 18, Millers Road,
Opp. Railway Quarters
Block 194 Parallel Road to railway track
Benson Town Post,
Bengaluru Contonment-560046
Bengaluru

Project : Construction of Nine (9 Nos.) Stations i.e. Elevated (1 No.) and At-Grade (8 Nos.) BSRP Stations of Corridor-4A at Heelalige, Singena Agrahara, Huskur, Ambedkar Nagar, Carmelaram, Bellandur, Marathahalli, Doddanakundi, Kaggadasapura including Civil, Structural, Entry / Exit Structure, Steel FOB, Roof Structures, PEB works Architectural finishes and E&M Works and Detailed Design & Engineering (DDC) with all associated works for Bengaluru Suburban Rail Project" (BSRP)".

Subject : Track Plinth Drawing with Shear Connector.

Ref :

1. LOA No. KRIDE/BSRP/C4A/Stations/LOA/2025/ Dt 18.02.2025
2. C4 A Stations Contract Agreement dated 14.03.2025
3. GC Letter no. GC/BSRP/KRIDE/RVNL-RPPL JV/C4A/2025/160 dated 08.10.2025

Dear,

With reference to the above subject matter, please find the attached Shear connector reinforcement arrangement drawing for integrating the same with RCC "Station box raft slab".

This is for your information.

With Regards,



Mandara B.L.
Project Director, GC
EGIS Rail-AECOM-LBCPL JV



CC: GM-C4/KRIDE - for your information.
GM/Deign/KRIDE – for your information

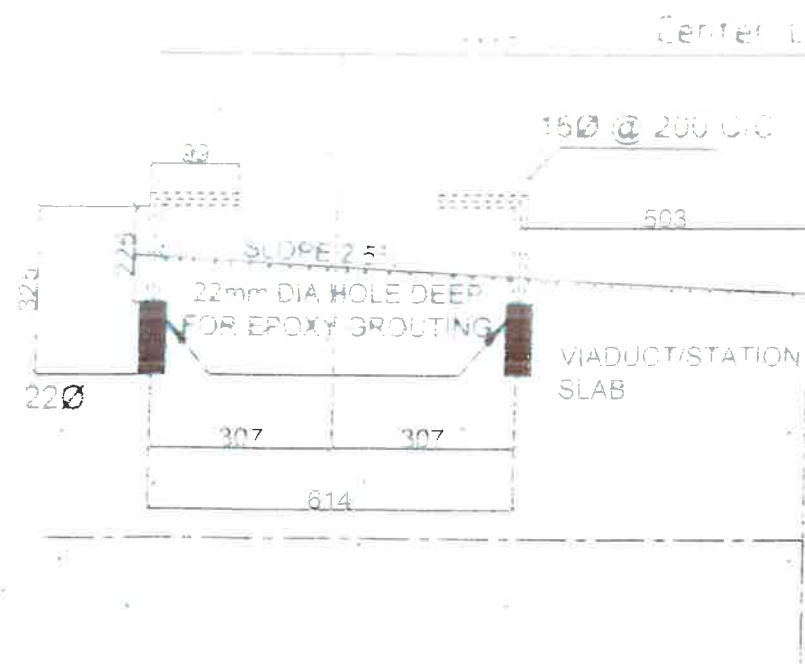
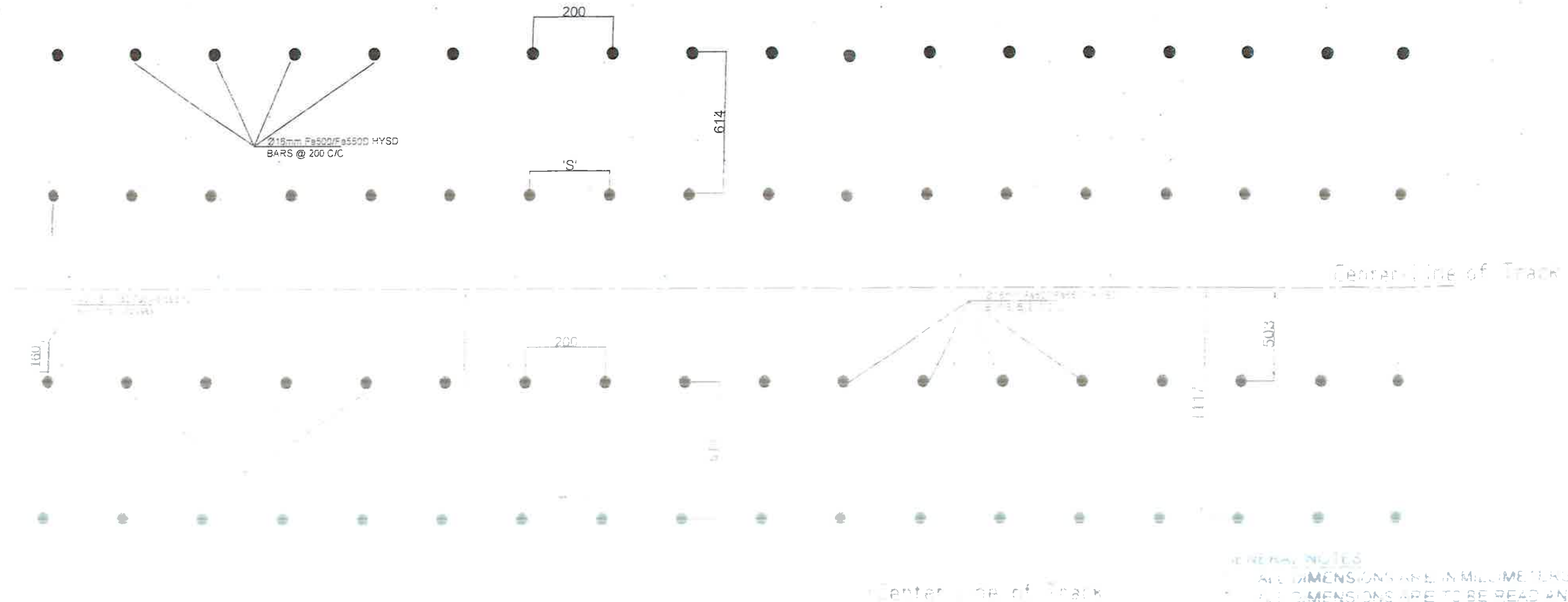
Enclosure: Drg No. GC/KRIDE/BSRP/ /Track/004-REV-1.

*Received to work
26/11/25
CP. Bhatt - 229*

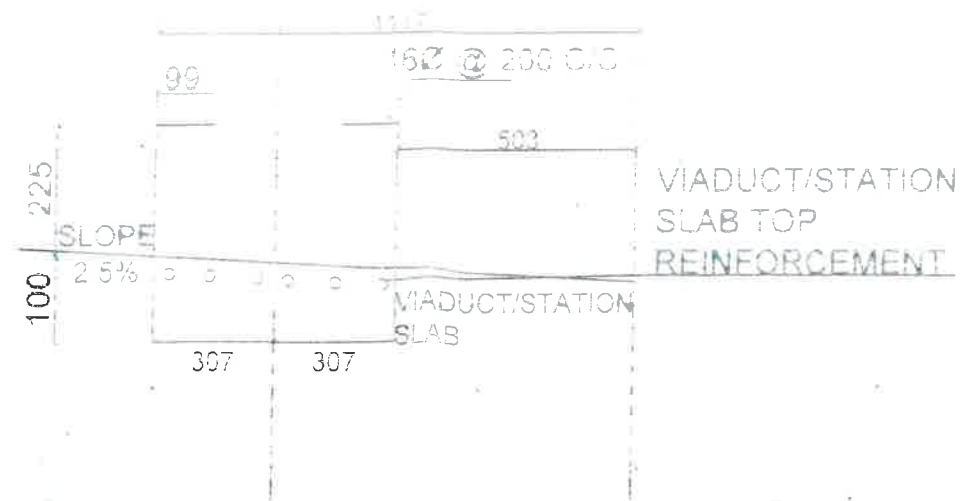
*Received
Sneha S
24/11/2025*
For RAIL INFRASTRUCTURE DEVELOPMENT COMPANY
(KARNATAKA) LIMITED



SHEAR CONNECTOR ARRANGEMENT - PLAN VIEW



CROSS SECTION VIEW WHERE VIADUCT/STATION SLAB ALREADY CASTED



CROSS SECTION VIEW BEFORE VIADUCT/STATION SLAB TO BE CASTED

GENERAL NOTES

1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. ALL DIMENSIONS ARE TO BE READ AND NOT TO BE MEASURED.
3. ANY DISCREPANCY MUST BE BROUGHT TO THE NOTICE OF THE CONSULTANT ENGINEER BEFORE EXECUTION OF WORK AT SITE.
4. THIS DRAWING MUST BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTURAL, STRUCTURAL, PLUMBING & FIRE FIGHTING, ELECTRICAL AND TRAFFIC MANAGEMENT DRAWINGS.
5. TENDER DRAWINGS ARE INDICATIVE ONLY.

NOTE FOR CURVE

1. Spacing 'S' will depend upon radius of the curve.
2. Imaginary line joining corresponding shear connectors of each plinth to be radial.
3. Material of Hook : TOR Fe 500D/550D HYSD Bars.



RAIL INFRASTRUCTURE DEVELOPMENT
COMPANY (KARNATAKA) LIMITED



BENGALURU SUB URBAN RAILWAY PROJECT

TYPICAL DRAWING FOR
ARRANGEMENT OF SHEAR CONNECTOR
FOR STATION BALLASTLESS TRACK &
APPROACHES

SCALE

NOT TO SCALE

SHEET NO

DRG NO: GC/KRIDE/BSRP/TRACK/004-REV-1

DATE : 26/11/2025

26/11/25
CTE/AL