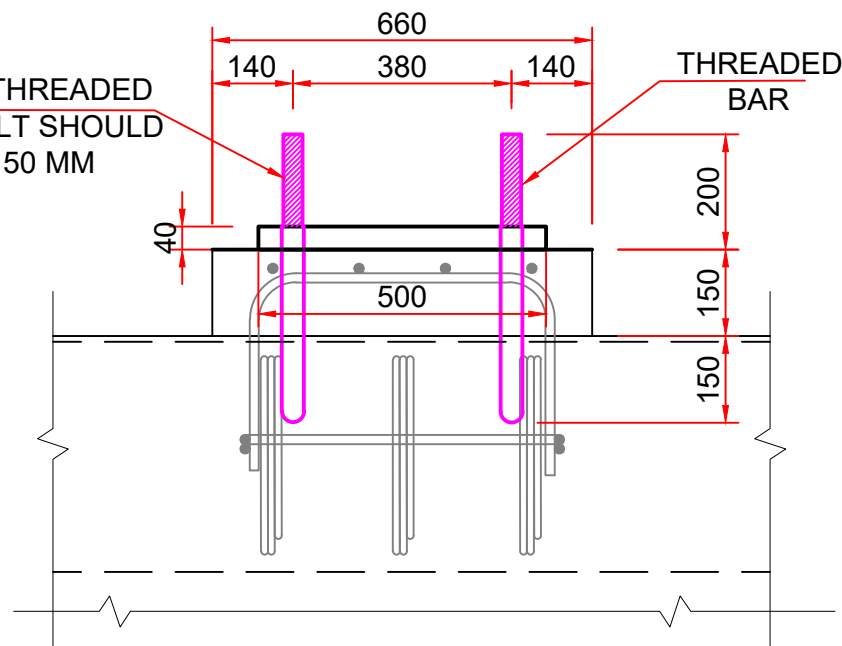
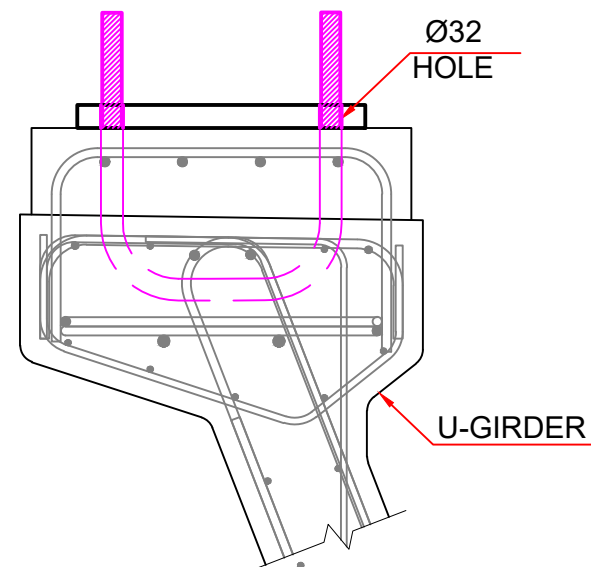


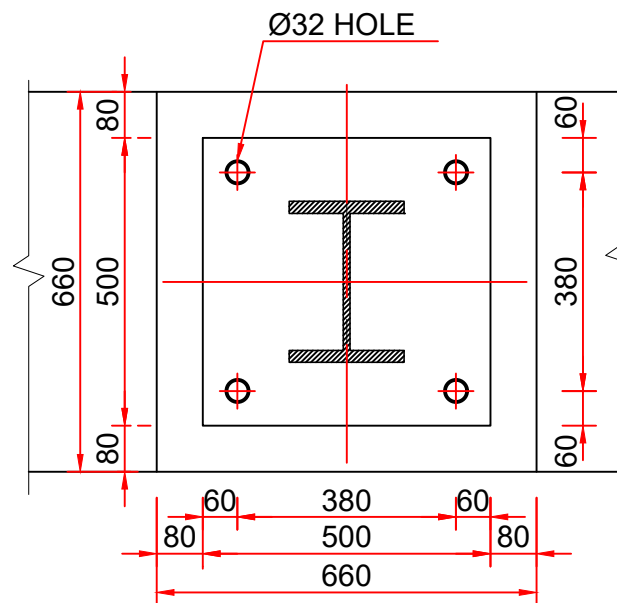
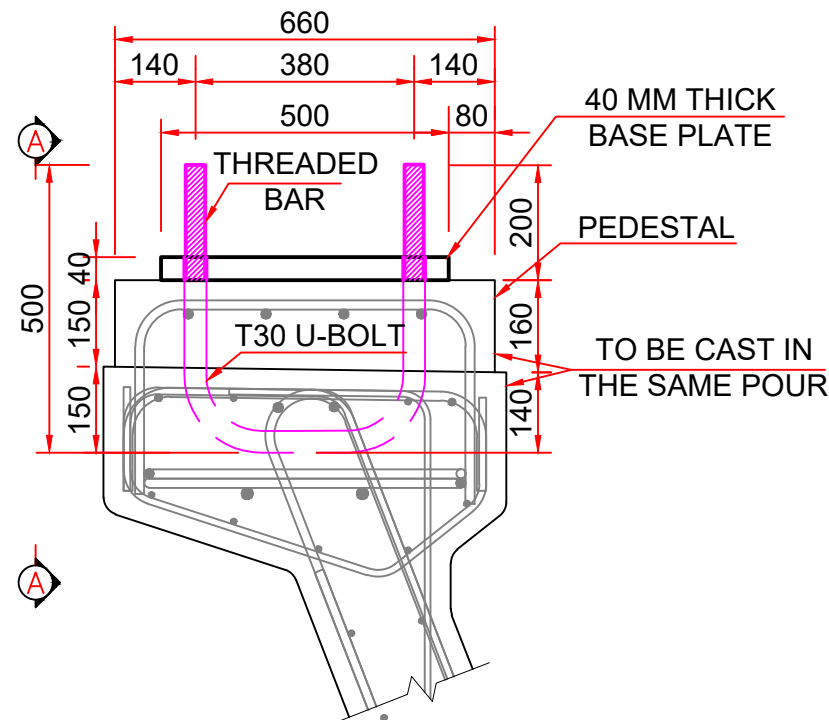
PROJECTION OF THREADED PORTION OF U-BOLT SHOULD BE MINIMUM 150 MM



VIEW A-A



REINFORCEMENT DETAIL



PLAN VIEW

NOTES:-

1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.
2. ALL DIMENSIONS ARE TO BE READ AND NOT MEASURED.
3. THIS DRAWING MUST BE READ IN CONJUNCTION WITH ALL RELEVANT STRUCTURAL & ELECTRICAL DRAWINGS. TYPICAL DRAWING OF REINFORCEMENT OF PEDESTAL & WEB OF U-GIRDER FOR OHE MAST LOCATION I.E., O22077-BSRP-CR2-C-VD-GEN-20-5006_A . DWG STATUS D. HAS BEEN REFERRED IN THE PREPARATION OF THIS DRAWING.
4. REINFORCEMENT DETAIL OF THE U-BOLT INSIDE THE U-GIRDER SHALL BE AS PER - O22077-BSRP-CR2-C-VD-GEN-20-5006_A . DWG STATUS D.
5. OHE ANCHOR BOLT ARRANGEMENT IS APPLICABLE TO ALL SPANS.
6. OHE MAST ANCHORS SHALL BE MADE OF GRADE 8.8 / YIELD STRESS 640 HIGH TENSILE STEEL (CONFORMING TO IS:1367-PART 3) OF DIAMETER 30mm. ALONG THE TOP PROTRUDING PART OF THE ANCHOR, BARS SHALL BE THREADED. THE FULL BARS SHALL THEN BE HOT DIPPED GALVANIZED PRIOR TO INSTALLATION.
7. 8 NO OF HEXAGON NUT M30 ACC. EN ISO 4034 HOT DIP GALVANIZED ACC. EN ISO 1461 ARE TO BE PROVIDED BY CIVIL CONTRACTOR.
8. 08 NO OF WASHER ISO 7089-30-200HV HOT DIP GALVANIZED ACC. EN ISO 1461 ARE TO BE PROVIDED BY CIVIL CONTRACTOR.
9. FOR LOCATION OF OHE MAST IN LONGITUDINAL DIRECTION, REFER TO OHE MAST PEGGING PLANS.
10. U-BOLT SHALL BE PROVIDED BY VIADUCT CONTRACTOR.
11. ANY FIXTURES FOUND RUSTED SHALL BE REPLACED BY THE CIVIL CONTRACTOR & SHALL BE TREATED AS REJECTED.
12. VIADUCT CONTRACTOR SHALL ENSURE THAT THE BOLTS PROVIDED SHALL BE GREASED AND COVERED AND UNDAMAGED FOR EASY MOVEMENT OF NUTS DURING ERECTION OF MASTS.
13. AS PER TEAMS MEETING WITH L&T AND GC ON DATED 10.07.2024, THE MINIMUM PROJECTION OF THREADED PORTION OF U-BOLT IS TO BE 150 MM.

FOR TENDER PURPOSE ONLY

NOTES:

1. ALL DIMENSIONS ARE IN METER UNLESS MENTIONED OTHERWISE.
2. ALL DIMENSIONS ARE TO BE READ AND NOT TO BE MEASURED.
3. ANY DISCREPANCY IN THE DRAWING MUST BE BROUGHT TO THE NOTICE OF THE DESIGNER.
4. INTERFACE WITH OTHER DESIGN DISCIPLINE WILL BE DONE AS PER AVAILABILITY OF DETAILS.

REV	DATE	DESCRIPTION	Originator	Checked	Approved
R1	02-09-2024	Revised as per K-RIDE comments	KD	CK / NP	RK / SK
R0	13-08-2024	FIRST SUBMISSION	DK / SB	CK / NP	RK / SK

K RIDE

DM / ELE / KRIDE Sr. DGM / ELE / KRIDE AGM / ELE / KRIDE

Certified that this document has been designed and checked in accordance with GC Quality Assurance Plan.

egis AECOM WSP
EGIS-AECOM-WSP

Senior Discipline Expert Chief Discipline Expert Project Director

Certified that this document has been designed and checked in accordance with DDC Quality Assurance Plan.

Detailed Design Consultant for design of Traction & Auxiliary Power Supply and Distribution for BSRP

SYSTRAM

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Drawn	Checked	Approved
D. Kumar S. Bhati	D. Kalyan N. Parmar	R. Kapoor S. Kumar

Client:



**RAIL INFRASTRUCTURE
DEVELOPMENT COMPANY
(KARNATAKA) LIMITED**

Project Title: Bengaluru Suburban Rail Project (BSRP)
(Detailed Design Consultant for design of Traction & Auxiliary Power Supply and Distribution for BSRP)

CORRIDOR-2 & 4

Drawing Title: U BOLT DRAWING OF OHE MAST FOR ELEVATED SECTION
Project Stage: Tender Drawing

Paper Size: A3	Discipline: Power Supply & Traction System	Date: 13/08/2024	Scale: NTS
Drawing no.: KRDD01-TDR-GEN-GEN-OCS-DWG-00026			Revision: R1