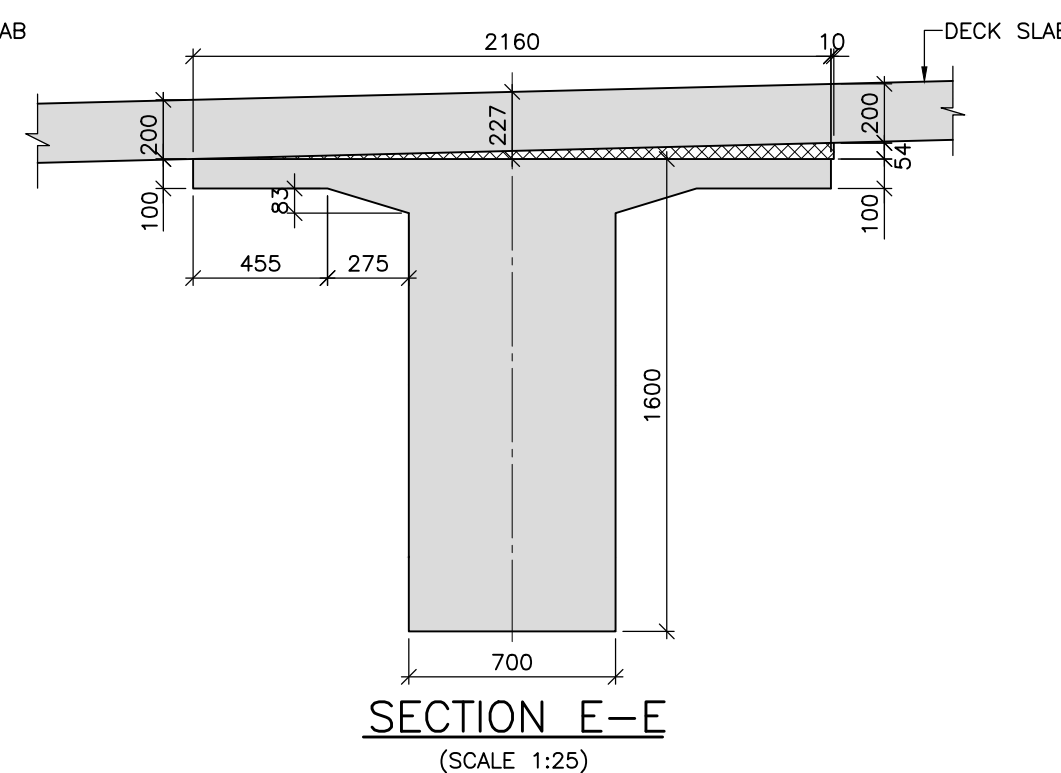
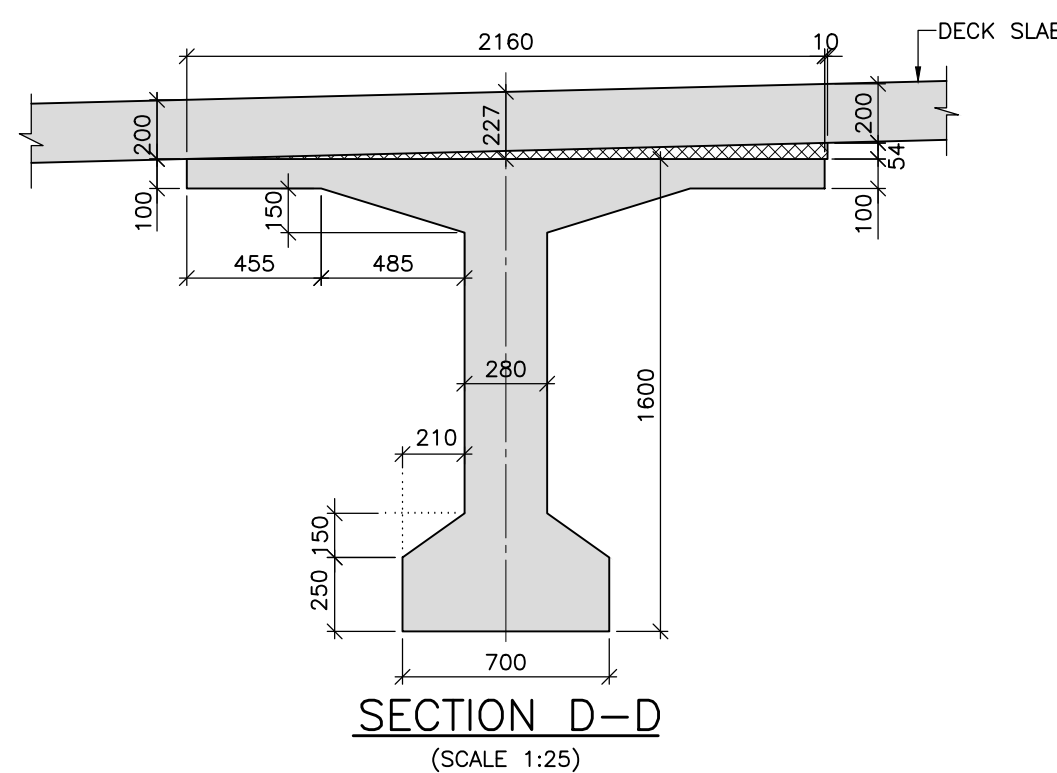
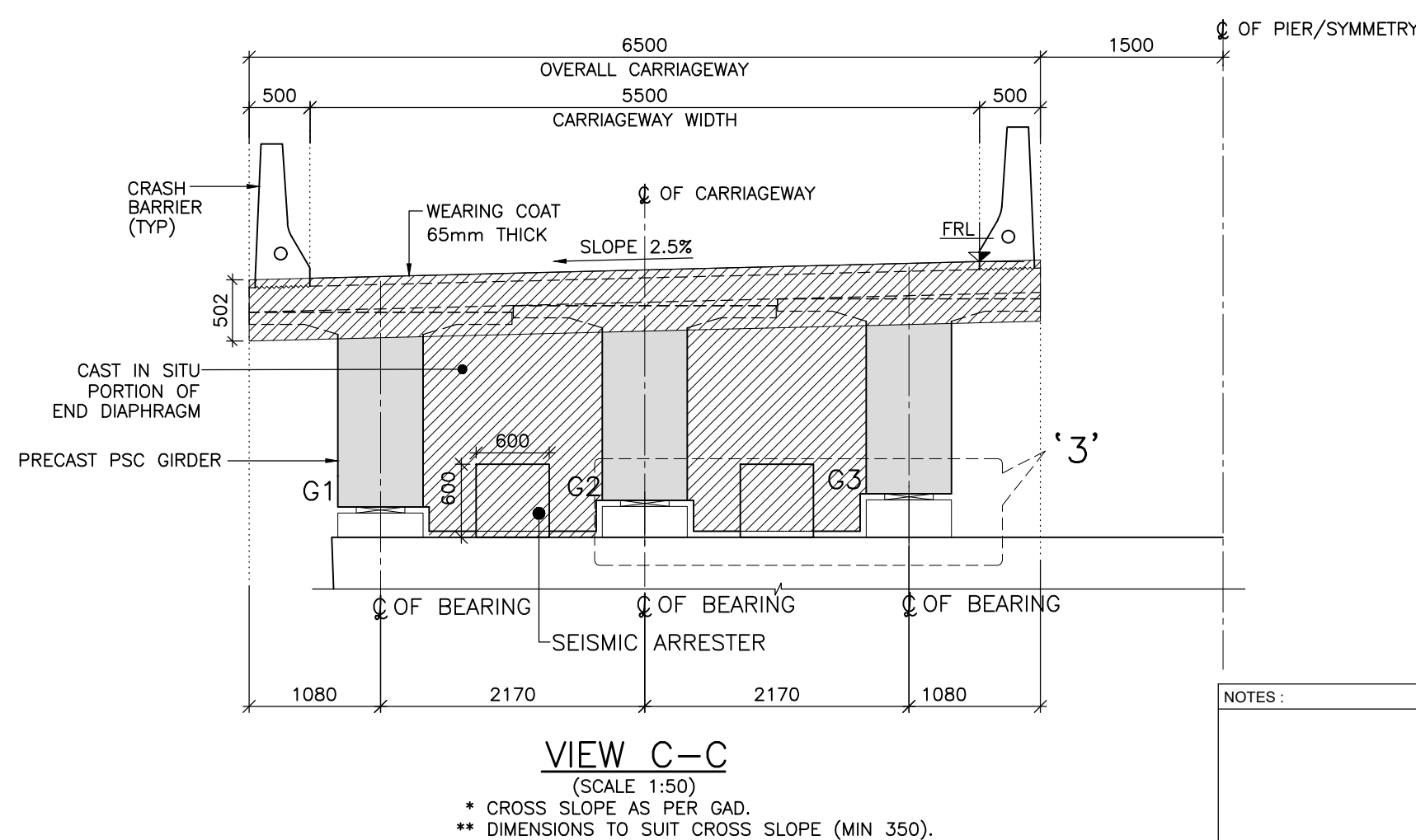
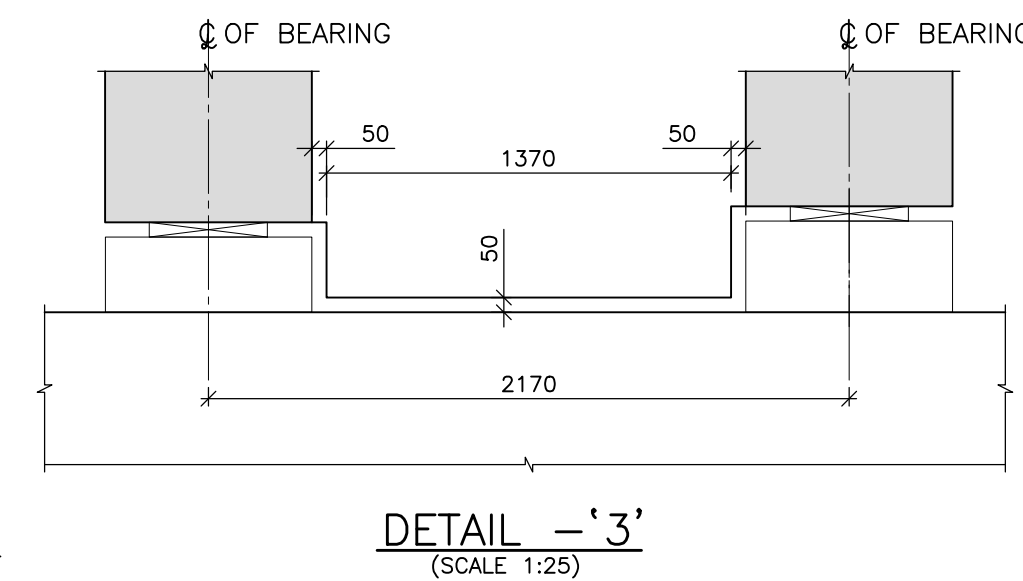
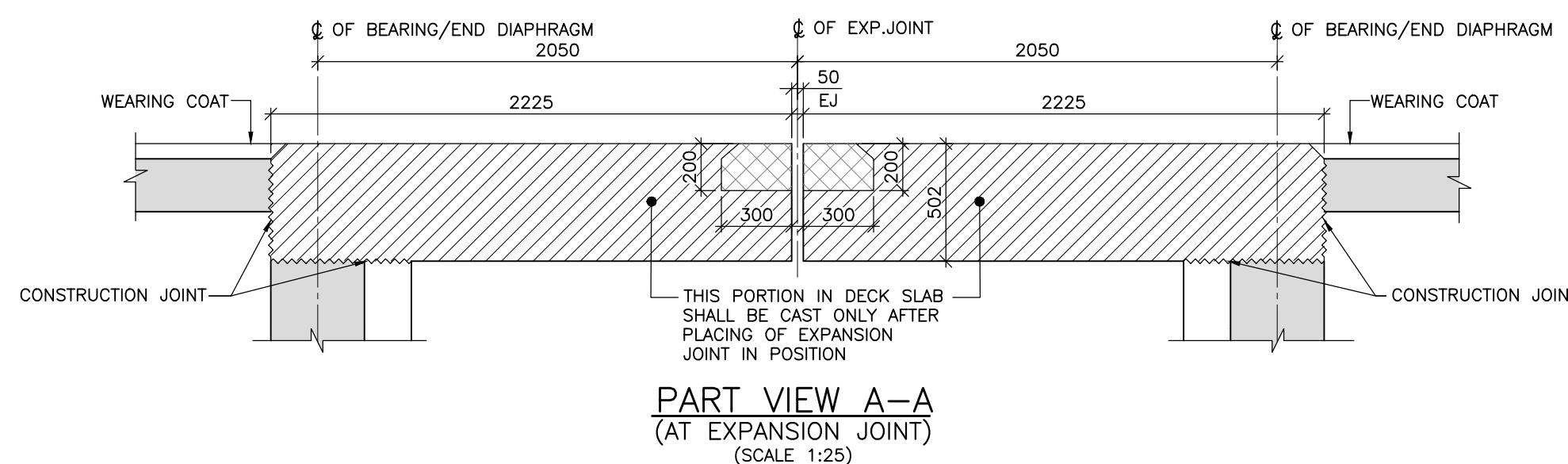
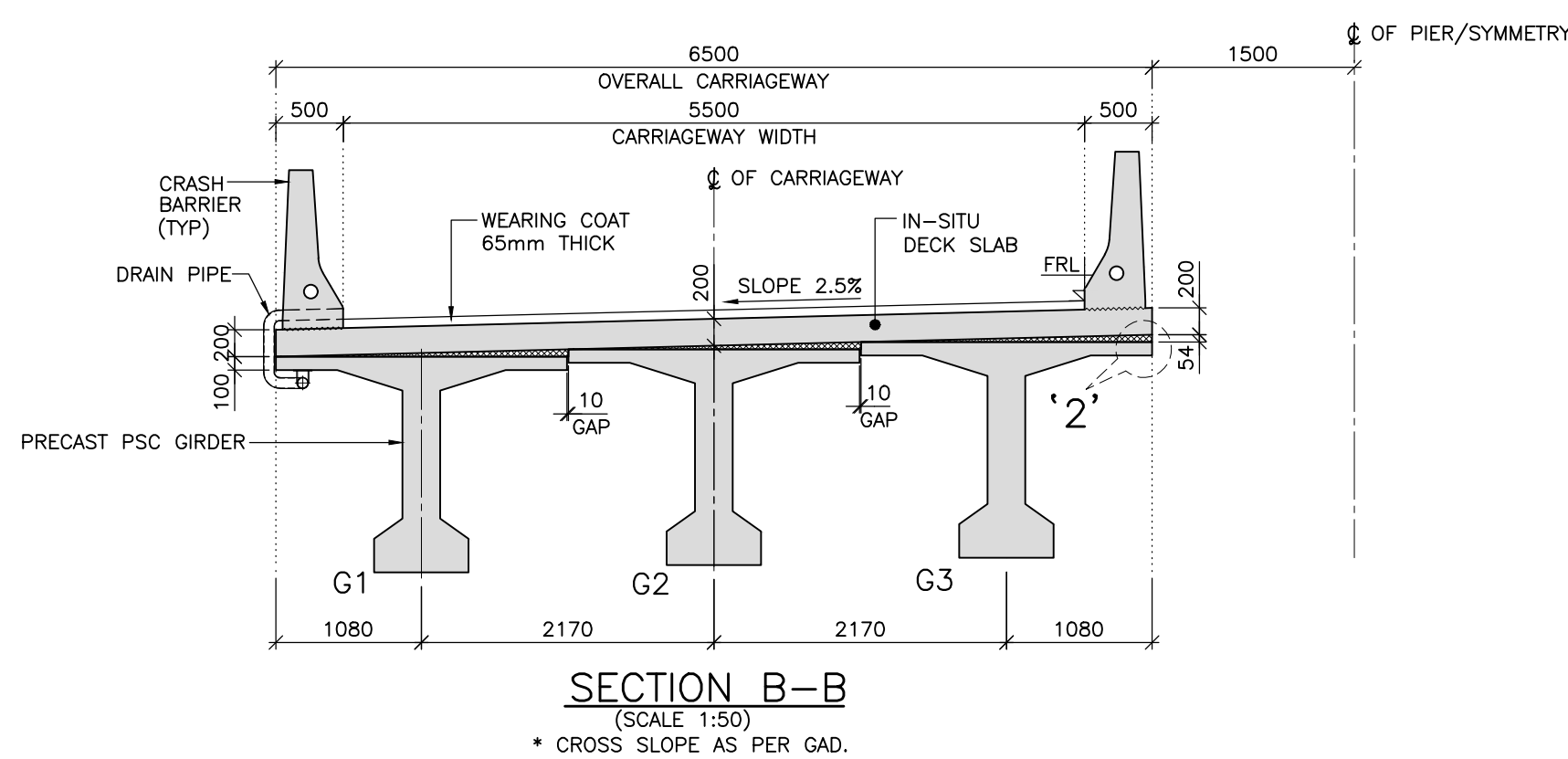
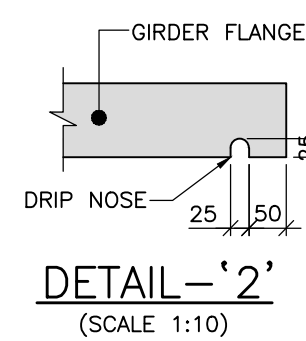
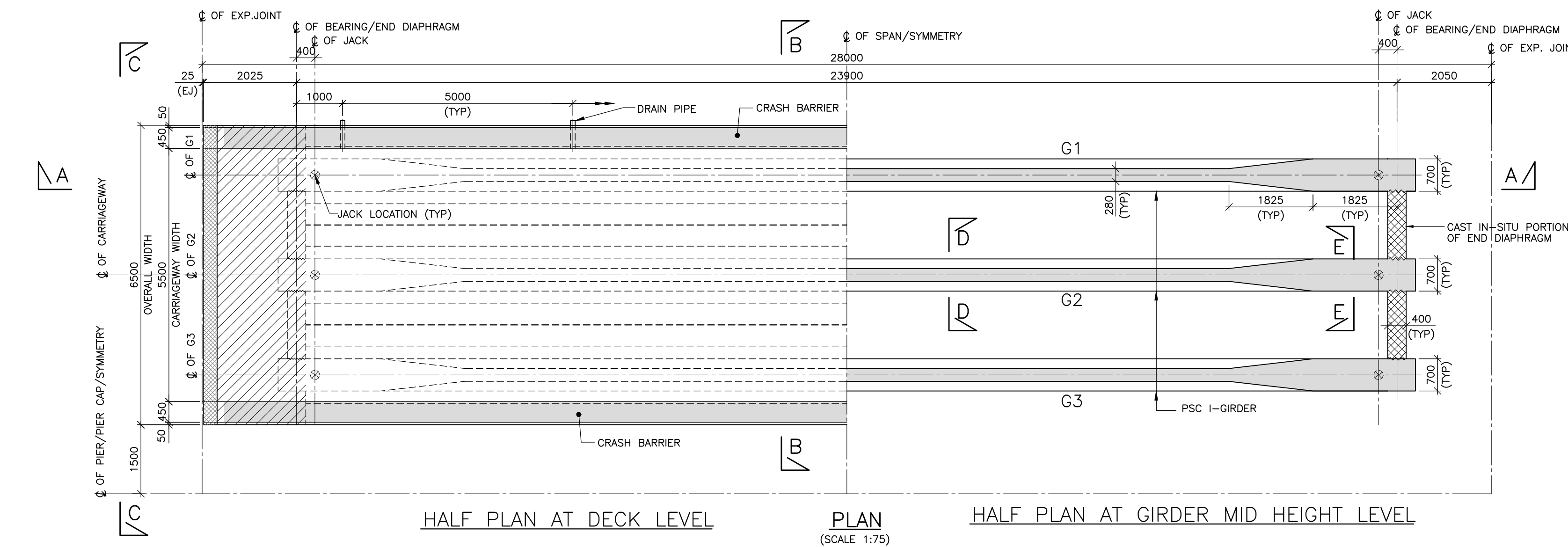








NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES, LEVELS ARE IN METRES & CHAINAGES ARE IN KILOMETRES, UNLESS MENTIONED OTHERWISE.
2. DIMENSIONS SHALL NOT BE SCALED OFF, ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
3. EXPANSION JOINTS SHALL BE OF STRIP SEAL TYPE AS PER SPECIFICATION.
4. MATERIALS :
 - GRADE OF CONCRETE – PSC GIRDER – M50
DECK SLAB & DIAPHRAGM – M45
CRASH BARRIER – M40
 - REINFORCING STEEL – Fe 500 HYSD BARS CONFORMING TO IS:1786–2008
HAVING MINIMUM ELONGATION 14.5%
5. CONSTRUCTION SPECIFICATIONS:
 - a) CAST GIRDERS IN CASTING YARD, APPLY FIRST STAGE PRESTRESS AFTER GIRDER CONCRETE ATTAINS MINIMUM 40mpa STRENGTH.
 - b) MOVE GIRDERS AWAY FROM CASTING YARD & SUPPORT THEM ALWAYS DURING LIFTING & PLACING AT CENTER LINE OF BEARING LOCATION ONLY.
 - c) APPLY SECOND STAGE PRESTRESSING WHEN GIRDER CONCRETE ATTAINS FULL STRENGTH.
 - d) LIFT GIRDERS & PLACE THEM ON PIERCAP.
 - e) CAST DECK SLAB & DIAPHRAGM.
 - f) CAST CRASH BARRIER & APPLY WEARING COAT AFTER DECK CONCRETE ATTAINS FULL STRENGTH.
6. MINIMUM THICKNESS OF BEARING SEAL SHALL BE 20mm AT END OF THE CORNER. AT ALL OTHER CORNERS, THICKNESS WILL BE CALCULATED AS PER LONGITUDINAL & TRANSVERSE SLOPE OF SLAB.

REFERENCE DRAWINGS:

- 022077-BSRP-CR2-C-VD-GEN-20-5202.....CABLE PROFILE FOR POST TENSIONED I GIRDER SUPERSTRUCTURE 28m & 28.772m STRAIGHT SPAN
- 022077-BSRP-CR2-C-VD-GEN-20-5203.....REINFORCEMENT DETAILS OF GIRDER FOR POST TENSIONED I GIRDER SUPERSTRUCTURE 28m & 28.772m STRAIGHT SPAN
- 022077-BSRP-CR2-C-VD-GEN-20-5204.....REINFORCEMENT DETAILS OF DECK SLAB, DIAPHRAGM AND CRASH BARRIER FOR POST TENSIONED I GIRDER SUPERSTRUCTURE 28.772m, 28m, 22m, 20.75m, 17.75m & 14m STRAIGHT SPAN



NOTES :												LEGEND :												REFERENCE DRAWINGS :												REFERENCE DOCUMENTS : DOC-BSRP-CR2-EV-DGN-GEN-20-5201												KEY PLAN 												STATION BOX KEY PLAN											
REV. DATE BRIEF DESCRIPTION												CONTRACTOR :  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.												GENERAL CONSULTANTS						COUNTER SIGN						EMPLOYER :  RAIL INFRASTRUCTURE DEVELOPMENT COMPANY (KARNATAKA) LIMITED												PROJECT : BENGALURU SUBURBAN RAILWAY PROJECT (BSRP) K-RIDE CORRIDOR - 2											
												DETAILED DESIGN CONSULTANT (DDC) :  STUP Consultants Pvt. Ltd. G-3/2, 3rd Floor, Banner Road, Edu. 4th floor, Hitech Park, Bangalore-560032 Tel: +91 80 266 10000 Email: bangalore@stupa.com www.stupa.com												PROOF CONSULTANT (PC) :  Indian Institute of Technology Madras IIT P.O., Chennai 600 036 INDIA												SIGN						NAME						PROJECT DIRECTOR						K RIDE																	
																								DATE						NAME						SIGN						DATE																													
B 16.01.25 REVISED AS PER GC'S LATTER NO. 2557 & 2578 FOR APPROVAL												 L&T CONSTRUCTION EDRC-SPECIAL BRIDGES - TRC												DATE 16.01.2025 16.01.2025 16.01.2025 16.01.2025						NAME SSP BYM PC JSJ						NAME CIVIL/GAD CIVIL/ALIGNMENT CIVIL/STRUCTURAL CIVIL/GEOTECH						SIGN						DESIGNATION						SIGN DATE																	
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																																										DRAWING NO. : O22077-BSRP-CR2-C-V-D-GEN-20-5201						REVISION DWG STATUS																							
																																										SCALE : AS SHOWN						DATE : 25.06.2024						B D																	
																																										PRELIMINARY DWG (P), DEFINITIVE DWG (D), CONSTRUCTION DWG (C), AS BUILT DWG (B), SHOP DWG (S), MANUFACTURED DWG (M)						SHEET SIZE - A1																							