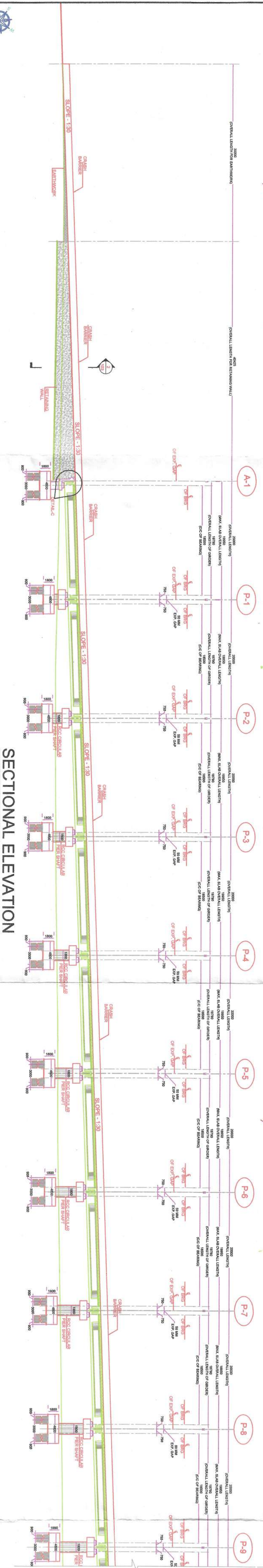
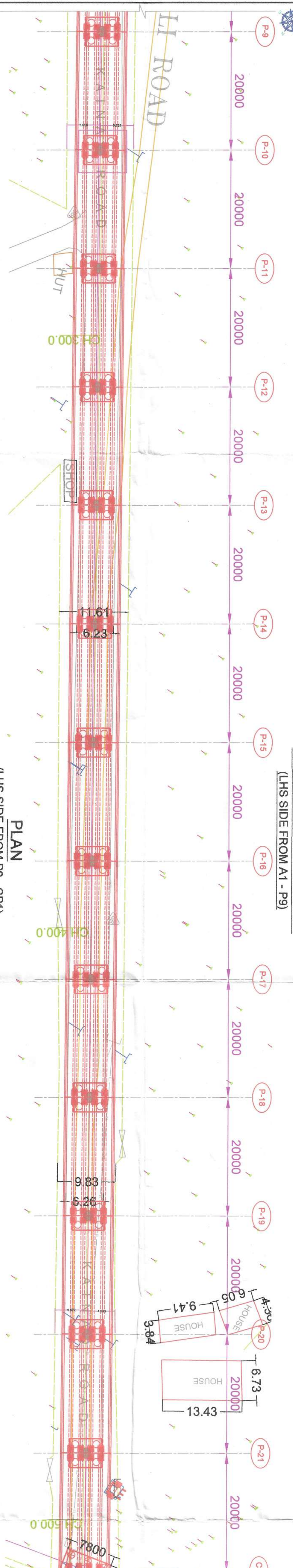


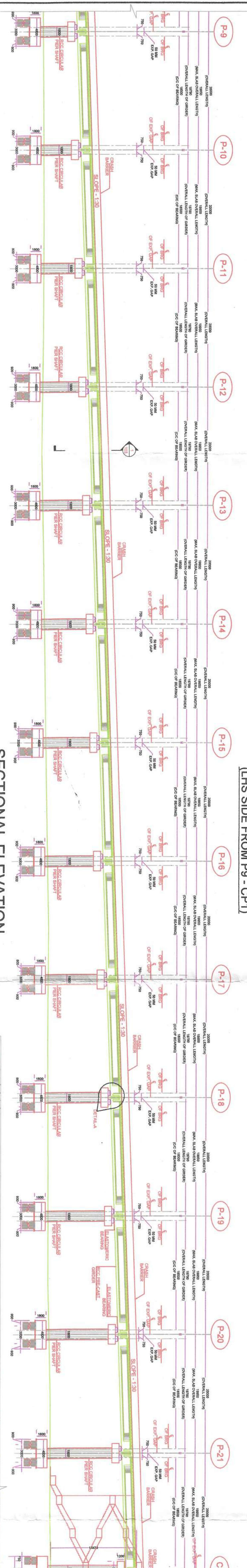
PLAN  
(LHS SIDE FROM A1 - P9)



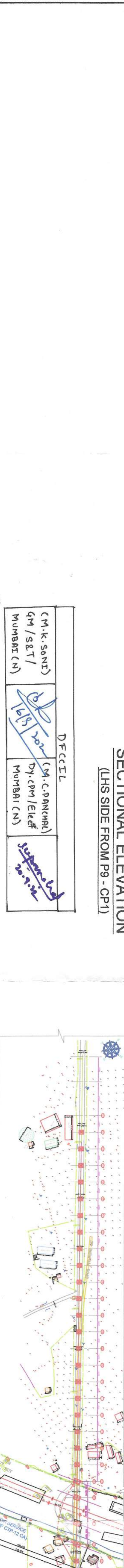
SECTIONAL ELEVATION  
(LHS SIDE FROM A1 - P9)



PLAN  
(LHS SIDE FROM P9 - CP1)



SECTIONAL ELEVATION  
(LHS SIDE FROM P9 - CP1)



KEY PLAN

**OWNER**  
Dedicated Freight Corridor Corporation of India  
(A GOVERNMENT OF INDIA, MINISTRY OF RAILWAYS) ENTERPRISE

**PROJECT**  
WESTERN DEDICATED FREIGHT CORRIDOR  
VAITARANA TO SACHIN - ROB-5B

**CONSULTANT**  
ETUDE SERVICES  
CONSULTANCY / ADVISORY / DESIGN  
114 ASHAPURAM APARTMENTS, SECTOR 19, DWARKA, NEW DELHI, 75  
EMAIL: dedifc@etudes.com CONTACT: 987718881

**GENERAL NOTES**  
1. ALL DIMENSIONS ARE IN MILLIMETERS  
2. ALL DIMENSIONS ARE TO BE READ AND NOT MEASURED  
3. DIMENSIONS OF STRUCTURES ARE TO BE READ AND NOT MEASURED  
4. THIS DRAWING MUST BE READ IN CONJUNCTION WITH ALL RELEVANT DRAWINGS  
5. THE DRAWING MUST BE READ IN CONJUNCTION WITH ALL RELEVANT DRAWINGS

**REFERENCE DRAWINGS**  
THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE  
LATEST REVISIONS OF THE FOLLOWING DRAWINGS:  
S.No. DRAWING No. CHECKED BY:

**DESIGNER**  
(M.K. SANE)  
GM / S&T/  
Mumbai (IN)

**CHECKED**  
(M.K. SANE)  
GM / S&T/  
Mumbai (IN)

**DATE**  
08.07.2022

**SIGN**  
SHUBHAM

**DATE**  
08.07.2022

**SIGN**  
SUBODH JAIN

**STATUS**  
S

**NOTES:-**

1. ALL DIMENSIONS ARE SHOWN IN MM AND LEVELS ARE IN METER UNLESS OTHERWISE MENTIONED.
2. NO DIMENSION SHALL BE SCALED FROM THE DRAWING.
3. ONLY WRITTEN DIMENSION ARE TO BE FOLLOWED.
4. ALL THE DIMENSIONS SHOWN SHOULD BE VERIFIED AT SITE BEFORE TAKING UP DESIGN WORK IN HAND. ANY DISCREPANCY NOTED SHOULD BE FORWARDED THROUGH ALTERATIONS DULY SIGNED SUITABLE SR. IF REQUIRED SHOULD BE IMPOSED BEFORE TAKING UP THE EXECUTION OF WORK WITH THE APPROVAL OF ENGINEER IN CHARGE.
5. DURING CONSTRUCTION OF ROB, ALL THE EXISTING STRUCTURE/ TRACK SHOULD BE PROTECTED BY PROVIDING PROPER SHORING ARRANGEMENT. IF REQUIRED WITH THE APPROVAL OF ENGINEER-IN-CHARGE.
6. REPRESENTATIVE OF TELECOM/ SIGNALING DEPARTMENT SHOULD BE AVAILABLE AT SITE DURING EXECUTION IN THE VICINITY OF SIGNALING AND TELECOM CABLES.
7. ALL THE PRE-FABRICATED STEEL GIRDERS SHOULD BE LAUNCHED WITH SUITABLE LAUNCHING SCHEME AS PER SITE REQUIREMENT, WITH THE APPROVAL OF DTCL.
8. PROVISION OF STAIRCASE IS GIVEN FOR THE PROPOSED ROB. AS THERE IS NO LEVEL CROSSING AT THIS POSITION.
9. DESIGN SHOULD BE AS PER RELEVANT IRC/RS/IS CODES WITH LATEST AMENDMENTS.
10. GRADE OF CONCRETE TO BE ADOPTED FOR VARIOUS MEMBERS OF BRIDGE IS AS UNDER: FOUNDATION PIER/ABUTMENT-M35, PIER CAP/ABUTMENT CAP DECK SLAB- CRASH BARRIER-M40 STEEL: FE 415/500D AND FE 350 (FOR COMPOSITE GIRDER PLATES).
11. FULL FLEDGED LOAD TEST OF SUPER STRUCTURE SHOULD BE DONE AS PER IRC-SP-51 TO ENSURE QUALITY WORK.
12. STRIP SEAL TYPE EXPANSION JOINT SHOULD BE PROVIDED AS PER LATEST WORTH/MOST REQUIREMENT CONTRACTOR SHOULD FURNISH DESIGN/DRAWING OF EXPANSION JOINT FROM FIRMS APPROVED BY MOST AT VARIOUS RELEVANT AMBIENT TEMPERATURES TO SUIT SITE CONDITIONS WITH THE APPROVAL OF ENGINEER-IN-CHARGE.
13. DRAINAGE SPOUT SHALL BE PROVIDED AS PER MOST SPECIFICATIONS. DESIGN CONSULTANT SHOULD SUBMIT SEPARATE SHEET OF DRAINAGE SPOUT AS PER LATEST MOST STANDARDS.
14. PILE FOUNDATION TO BE PROVIDED BASED ON DATA GEOTECHNICAL INVESTIGATION AT THE TIME OF STRUCTURAL DESIGN.
15. THE FOUNDATION SHOULD BE DESIGNED TO CATER FOR LOAD COMING FROM NEARBY RAILWAY TRACK, IF APPLICABLE.
16. NO WORK SHOULD BE TAKEN UP IN HAND TILL PROOF CHECKED DESIGN/DRAWING WITHIN RAILWAY PORTION ARE APPROVED BY DTCL.
17. THE RAILWAY DRAWING OF NHAI CONFIGURATION ARE ADOPTED WITH REFERENCE TO MINISTRY'S CIRCULAR NO. -NH-350/5/9/2006-S & RB) DATED SEPTEMBER 2,2016 I.E. ALL NEW BRIDGES AND ITS COMPONENTS SHALL BE STRUCTURALLY DESIGNED AS PER IRC 6 LOADING INCLUDING S85 SPECIAL VEHICLE.
18. DESIGN SHALL BE DONE AS PER IRC COAL PROVISION WITH LATEST POLICY AND AMENDMENTS.
19. EXECUTING AGENCY: DTCL.
20. THE VERTICAL CLEARANCE OVER DFC TRACK IS 8.81m.
21. SAFETY CERTIFICATE SHALL BE ISSUED PRIOR TO OPENING OF ROB FOR PUBLIC USE.

**DESIGNER**  
(V.K.R. KUMAR)  
GM/Co-ord/MUMBAI (IN)

**CHECKED**  
(S.V. DESHPANDE)  
PM/Engg/MUMBAI (IN)

**DATE**  
14/09/2022

**SIGN**  
14/09/2022

**DATE**  
16.09.2022

**SIGN**  
16.09.2022

**STATUS**  
S