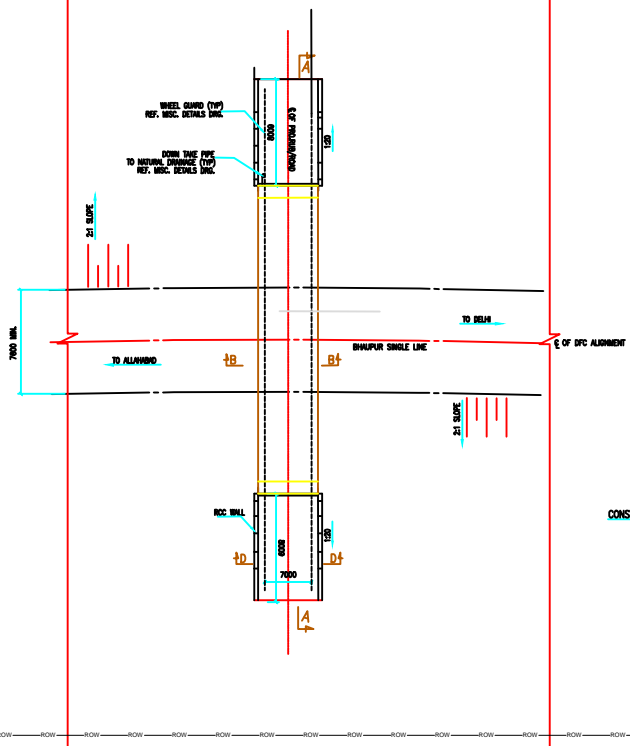
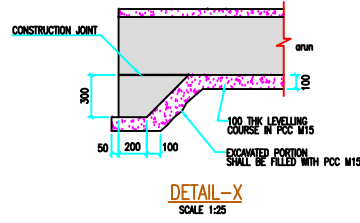


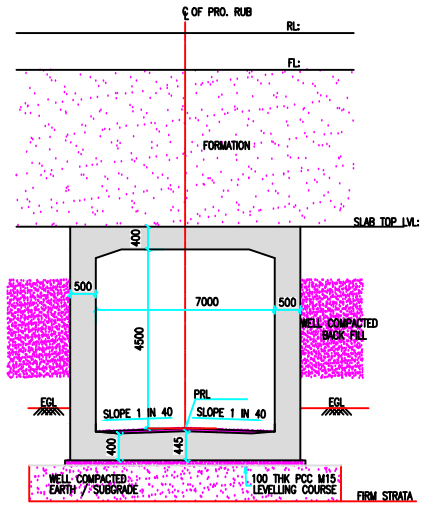
FOR REFERENCE ONLY



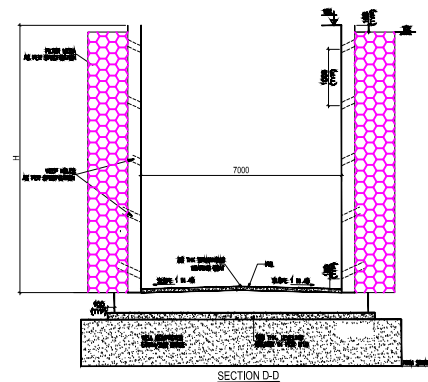
PLAN AT RAIL LEVEL  
SCALE 1:200



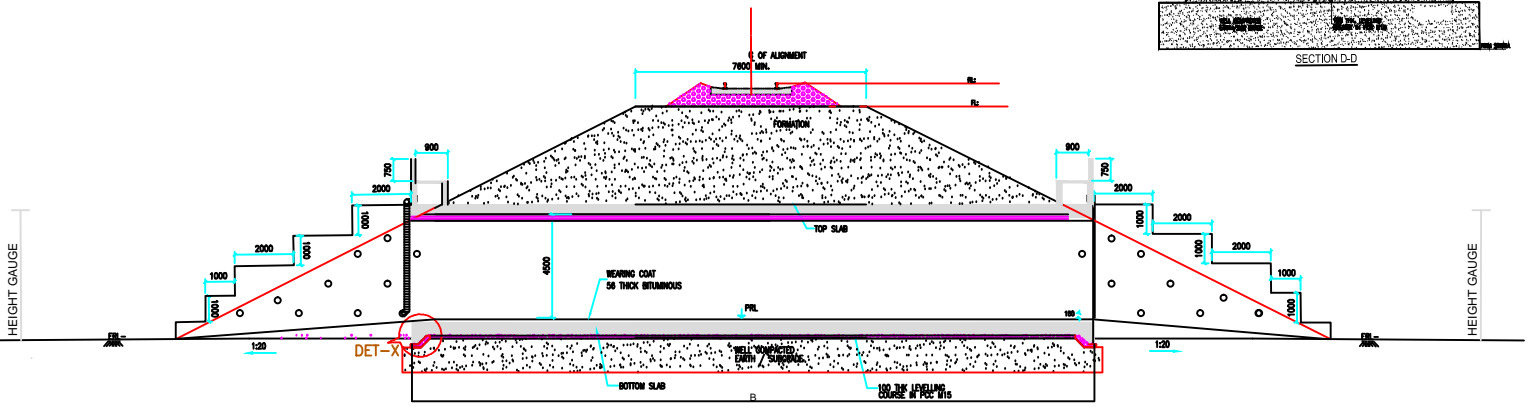
DETAIL-X  
SCALE 1:25



SECTION B-B  
(SCALE 1:75)



SECTION D-D



SECTION A-A  
(SCALE 1:100)

NOTES:-

- ALL DIMENSIONS ARE IN MILLIMETRES AND LEVELS IN METRES, UNLESS SPECIFIED OTHERWISE.
- DO NOT SCALE, FOLLOW WRITTEN DIMENSIONS ONLY.
- CODES TO BE FOLLOWED (WITH LATEST CORRECTIONS SLIP) IN ORDER OF PREFERENCE:-
  - IRS BRIDGE RULES.
  - IRS CONCRETE BRIDGE CODE.
  - IRS BRIDGE SUBSTRUCTURE AND FOUNDATION CODE.
  - IRC 78-2014
  - RELEVANT BIS, IRC, RDSO CODES.
- LOADING TO BE FOLLOWED ARE :-
  - DFC LOADING (32.5T AXLE LOAD)
  - EXPOSURE CONDITION - MODERATE.
  - ALL RCC WORKS SHALL BE MINIMUM M30 DESIGN MIX.
- HIGH YIELD STRENGTH DEFORMED / THERMO MECHANICAL TREATED (TMT) BAR OF GRADE F5000 SATISFYING THE REQUIREMENT OF IS:1786 SHALL BE USED AS REINFORCEMENT.
- ALL DIMENSIONS AND LEVELS SHALL BE VERIFIED AND RECONCILED BEFORE EXECUTION.
- SUITABLE DRAINAGE ARRANGEMENT FOR ROAD SHALL BE PROVIDED.
- HEIGHT GAUGE SHALL BE AS PER RDSO STANDARD.
- REFER ALIGNMENT DRAWINGS FOR RAIL GRADIENT.
- FOR LOCATION OF BRIDGE REFER ALIGNMENT DRAWING.
- STRUCTURAL THICKNESS SHOWN ARE INDICATIVE ONLY AND FOR DETAILS REFER RELEVANT STRUCTURAL DRAWINGS.
- SBC BELOW THE BASE SLAB TO BE CONFIRMED PRIOR TO CONSTRUCTION.
- LIVE LOAD INSIDE THE RUB WILL BE AS PER IRC:8
- BACKFILL MATERIAL AND FILTER MATERIAL SHALL BE AS PER CL-7.5 OF IRS-SUBSTRUCTURE CODE.
- CHAMFERS AND FILLETS OF SIZES 25mmX25mm SHALL BE PROVIDED ALL ANGLE OF FRAME WORK TO AVOID SHARP CORNERS.
- THIS DRAWING IS TENTATIVE & INDICATIVE ONLY. EXECUTION SHALL BE DONE AS PER DETAILED DRAWINGS.

REFERENCE DRG:-

LEGEND:-

- PRL - PROPOSED ROAD LEVEL
- EGL - EXISTING GROUND LEVEL
- RL - RAIL TOP LEVEL (INNER CURVE INNER RAIL) AT C OF RUB
- FL - FORMATION LEVEL (CENTRE OF TRACK)
- RE WALL - REINFORCED EARTH WALL
- EGL - EXISTING ROAD LEVEL
- SQ - SQUARE DIMENSION.

DEPTH OF CONSTRUCTION(MINIMUM)	
RAIL HEIGHT	- 172mm
GROOVED RUBBER PAD	- 10mm
DEPTH OF PSC SLEEPER BELOW RAIL SEAT	- 210mm
BALLAST CUSHION	- 300mm
TOTAL	- 692mm

TRACK PARAMETERS	
RAILS	- UC 60kg RAILS.
SLEEPERS ON APPROACHES	- PSC
SLEEPERS ON BRIDGE	- PSC
BALLAST CUSHION AT APPROACHES	- 300mm
FORMATION WIDTH	- 8100MM
GRADIENT	- AS PER ALIGNMENT DRAWINGS

SCALE				PROJECT			TITLE		JOB NO.		STATUS:	
				DEDICATED FREIGHT CORRIDOR - EASTERN CORRIDOR BHAUJUR TO KHURJA CONTRACT PACKAGE - 101			GENERAL ARRANGEMENT DRAWING		DFC/LOT-101/BPU-1		DATE : 25.09.2019	
				DRAWN BY: (M. K. SARASWAT) DY.PM/GO.TDL/DFC			MINOR RUB SIZE 1X7.0X4.5 BPU		DRAWN			
NO. DATE REVISION PURPOSE OF ISSUE (DRAWN/CHECKED/APPROVED)				PROJECT			TITLE		JOB NO.		STATUS:	
				ATUL B. KHARE) GM/ITD/DFC			GENERAL ARRANGEMENT DRAWING		DFC/LOT-101/BPU-1		DATE : 25.09.2019	
				(SANDESH SHRIVASTAV) GM/CIVIL/TDL/DFC			MINOR RUB SIZE 1X7.0X4.5 BPU		DRAWN			
				(M. K. SARASWAT) DY.PM/GO.TDL/DFC			GENERAL ARRANGEMENT DRAWING		DFC/LOT-101/BPU-1		DATE : 25.09.2019	
				DRAWN BY: (M. K. SARASWAT) DY.PM/GO.TDL/DFC			MINOR RUB SIZE 1X7.0X4.5 BPU		DRAWN			



ORIGINAL DRAWING 8/24/20