

DFCC/TD/EN/GAD-1-3/COST SHARING BASIS WITH UP-PWD PB ITEM NO-133(2013-2014)
NOTES & SPECIFICATIONS :-

- ALL DIMENSIONS ARE IN METERS AND LEVEL IN METERS UNLESS OTHERWISE WRITTEN.
- NO DIMENSIONS SHALL BE SCALED FROM THIS DRAWING ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
- ACTUAL LOCATION OF ROB SHALL BE DECIDED BY ENGINEER IN CHARGE OF RAILWAY IN CONSULTATION WITH ROAD AUTHORITY AT THE TIME OF ITS CONSTRUCTION.
- CONSTRUCTION OF ROB SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS OF THE RAILWAY AND BE SUBJECT TO FINAL DESIGN AND DRAWING TO BE APPROVED BY THE RAILWAY.
- CRS SANCTION WILL BE OBTAINED BEFORE LAUNCHING OF STEEL GIRDER IN RAILWAY SPAN.
- DESIGN OF ROB SHALL BE IN ACCORDANCE WITH THE FOLLOWING CODES AND STANDARDS:
 - IS 800-1987 (STEEL STRUCTURES)
 - IS 456-2000 (CONCRETE)
 - IS 17733-2005 (STEEL BRIDGE)
 - IS 17734-2005 (STEEL BRIDGE)
- PILE SHALL BE LOAD TESTED BEFORE CASTING OF MAIN PILE AS PER RELIANT IRC/RAILWAY CODE.
- BRIDGE WHEN CONSTRUCTED BE CLEAR OF MOVING DIMENSIONS MINIMUM VERTICAL CLEARANCE AND HORIZONTAL CLEARANCE AT RAIL LEVEL OF PIERS FROM THE OVERHEAD CONTACT SYSTEM SHALL BE MINIMUM (AS PER R550 LETTER NO:133/2013/EN/133/2013).
- GUARD RAIL SHALL BE PROVIDED IN THE TRACK ADJACENT TO PIERS AND ABUTMENTS AS PER STANDARD DRAWING.
- WIDTH OF ROADWAY HAS BEEN PROVIDED AS PER REQUIREMENT OF SPONSORING AGENCY.
- SINGLE SUMMIT CURVE SHALL BE PROVIDED AT THE JUNCTION OF THE GRADIENT OF APPROACHES.
- EACH 2 LANE UNIT OF ROB IS DESIGNED FOR 1-LANE OF IRC FOR OR 2 LANE OF IRC CLASS A LOADING, WHOEVER CONCERN.
- CRASH BARRIERS SHALL BE PROVIDED AS PER LATEST DESIGN BY IRC.
- CONCRETE SHALL BE PROVIDED AS PER LATEST DESIGN BY IRC.
- ROB SHALL BE PROVIDED AS PER LATEST DESIGN BY IRC.
- ROB SHALL BE PROVIDED AS PER LATEST DESIGN BY IRC.
- POT-HOLE BEARING SHALL BE PROVIDED.
- IN CASE BLASTING IS TO BE CARRIED OUT IN THE VICINITY OF RAILWAY LINE NECESSARY PRECAUTIONS AND BLOCK SHALL BE OBSERVED AS PER PARA 100.6 OF R. WORKS MANUAL.
- ALL CONSTRUCTION WORK SHALL BE DONE AS PER STANDARD DRAWING OF TRACK BELOW.
- SUITABLE JACKING POINTS SHALL BE PROVIDED FOR FITTING GIRDERS FOR CONSTRUCTION.
- CONCRETE MIX TO BE PROVIDED AND SHOULD NOT BE LOWER THAN M20.
- PROVISION IN RAILWAY'S CONCRETE BRIDGE CODE.
- NO STAIRCASE SHOULD BE PROVIDED BEYOND BOUNDARY FOR THE USE OF PEDESTRIANS.
- MOU TO BE DRAWN WITH TRAFFIC DEPARTMENT FOR BLOCK & CAUTIONS BEFORE STARTING THE WORK.
- LC SHOULD BE CLOSED AFTER CONSTRUCTION AND COMMISSIONING OF ROB.
- ALL WORK SHALL BE INCORPORATED IN THE STRUCTURAL DRS.
- BARRICADE OF WORKS SITE WILL BE PROVIDED AS PER R550 LETTER NO:133/2013/EN/133/2013.
- WEARING COAT OF CONCRETE SHALL BE PROVIDED.
- DETAILS OF TYPE & SIZE OF BED BLOCK & BEARING WILL BE GIVEN IN STRUCTURAL DRAWING.
- REQUIRED LAND FOR CONNECTION ROAD WILL BE OBTAINED BY UPSCD.
- PROTECTION SCREEN SHALL BE PROVIDED AS PER ACT FROM INDIA ONLY.
- NECESSARY MODIFICATION IN ONE TO BE DONE BEFORE COMMISSIONING OF ROB. TRO ESTIMATE IS REQUIRED MODIFICATION SHALL BE DONE BY UTILITY OWNER.
- PROTECTION SCREEN ON THE ROB SHOULD BE PER LATEST R550 DRAWING NO. ETV/C/0066/ FROM THE INSIDE OF CRASH BARRIER / RAILING.
- FOR DETAILS OF PROTECTIVE SCREENS REFER TO R550 LETTER NO:133/2013/EN/133/2013.
- FOR DETAILS OF PROTECTIVE SCREENS REFER TO R550 LETTER NO:133/2013/EN/133/2013.
- FOOTPATH HAS BEEN PROVIDED IN SUPERSTRUCTURE AND STAIRCASE HAVE GIVEN HEAVE LHS/ROB NOT REQUIRED FOR CLOSURE OF LC.
- THE ARRANGEMENT FOR PROTECTION OF WORKSITE MUST BE DONE AS PER PROVISIONS OF RAILWAY BOARD INSTRUCTIONS & P.E. CIRCULAR NO.103 WILL BE STRICTLY FOLLOWED.
- THESE SHOULD BE IN ACCORDANCE WITH THE RAILWAY BOARD INSTRUCTIONS & P.E. CIRCULAR NO.103.
- FEASIBILITY OF PROPOSED WORK HAS BEEN CHECKED AND WORK IS FEASIBLE FOR EXECUTION.

METHODOLOGY OF WORKING:-

- MODUS OPERANDI/METHODOLOGY CONSTRUCTION ACTIVITY, SAFETY PRECAUTIONS AND MEASURES
- TO BE OBSERVED DURING CONSTRUCTION OF ROB SHOULD BE IN ACCORDANCE WITH RAILWAY BOARD LETTER NO. 97/CE/BRK/158/9/(POLICY) PL II DATED 15-07-09.
- FABRICATED STEEL GIRDER SHALL BE LAUNCHED FIRST AND THEN RCC DECK SLAB WILL BE CASTED IN SITU AFTER PROVIDING SUPPORT ARRANGEMENT FOR LAUNCHING OF STEEL GIRDER OVER RUNNING RAILWAY TRACK WILL BE DONE AS PER APPROVED LAUNCHING SCHEME.
- CASTING/FABRICATING OF GIRDERS AND SLAB WILL BE EXECUTED UNDER SPECIAL ESTIMATE NO. 200/60 PER CBE/NCR LETTER NO 136-W/BR/POLICY CIRCULAR DATED 23/06/2014.
- THE WORK UNDER TRAFFIC BLOCK SHALL BE CARRIED OUT UNDER THE PROVISION OF BANNER FLAG AND PROTECTION OF ENGRS. FLAGMEN THE ROB WITHIN 20M FROM FACE OF THE EXISTING TURN OUT.

LEGEND

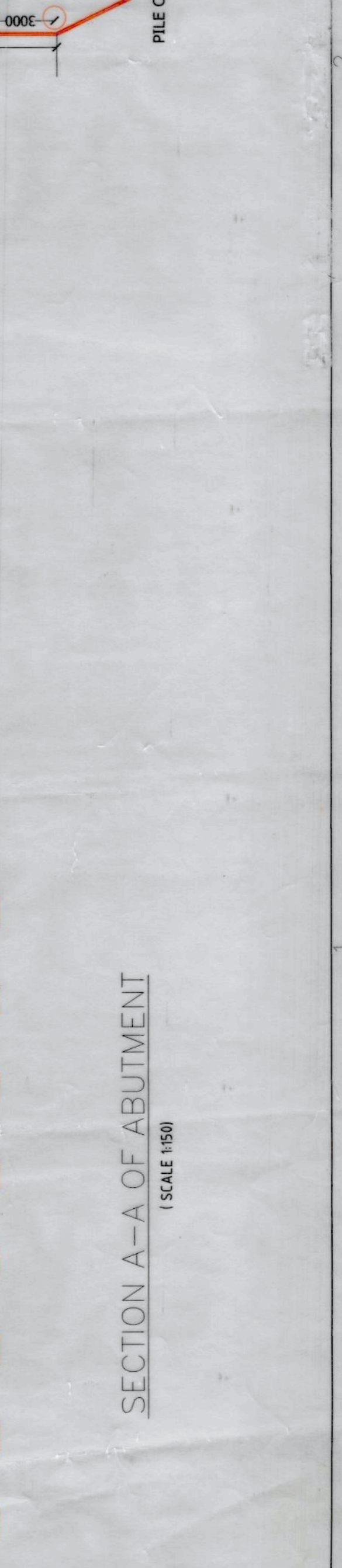
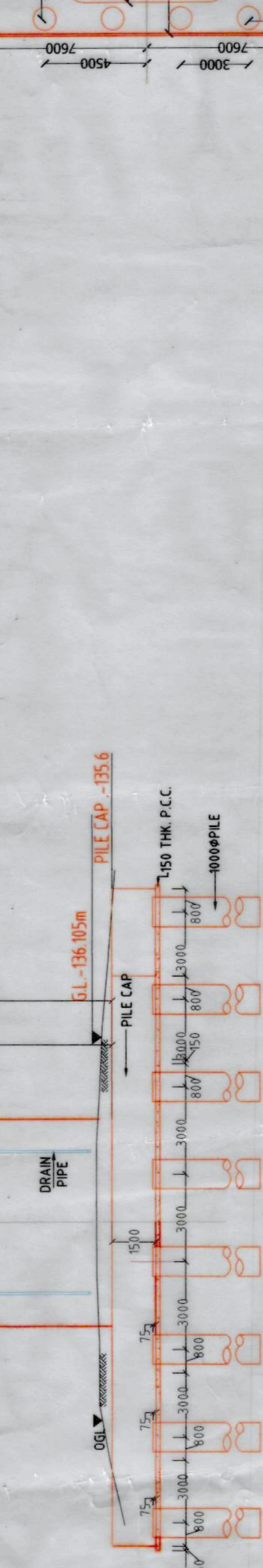
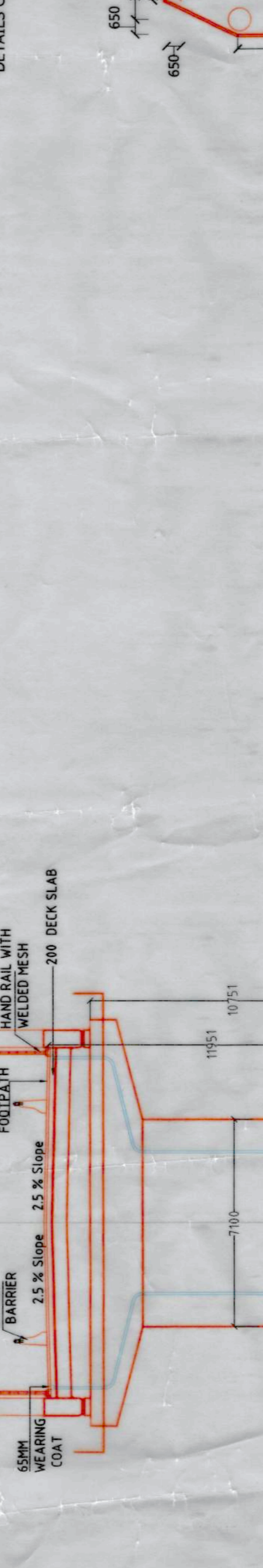
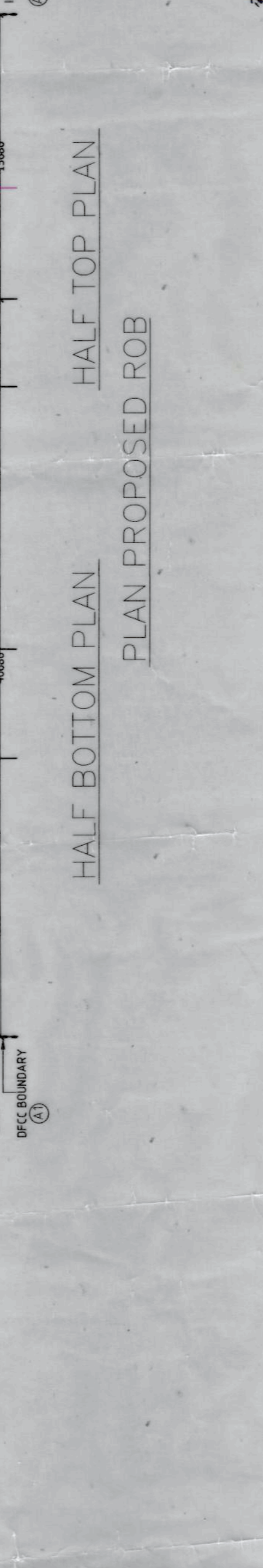
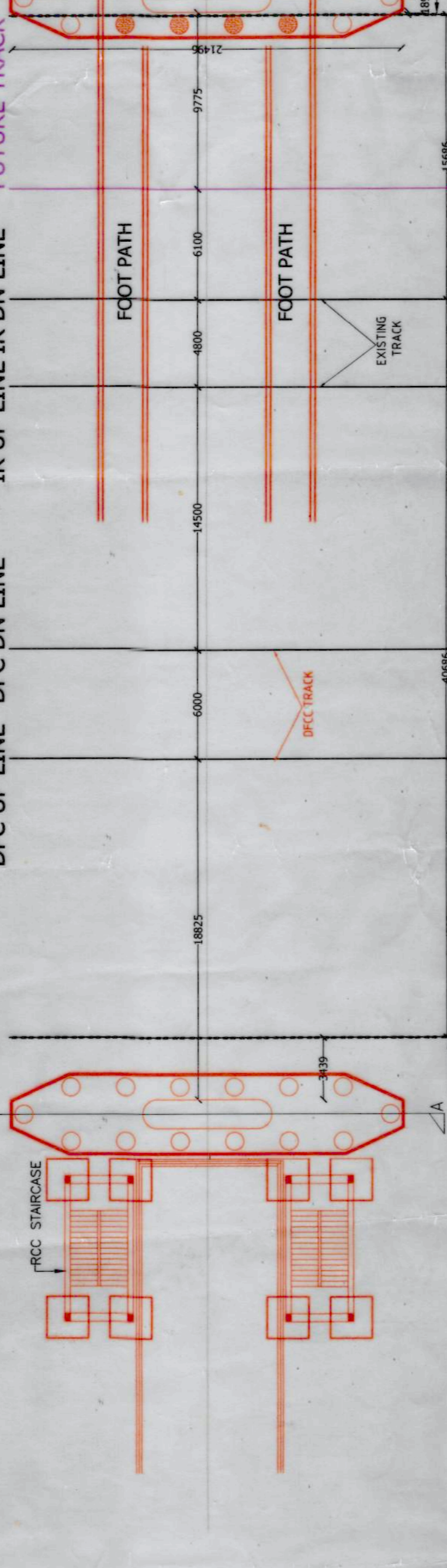
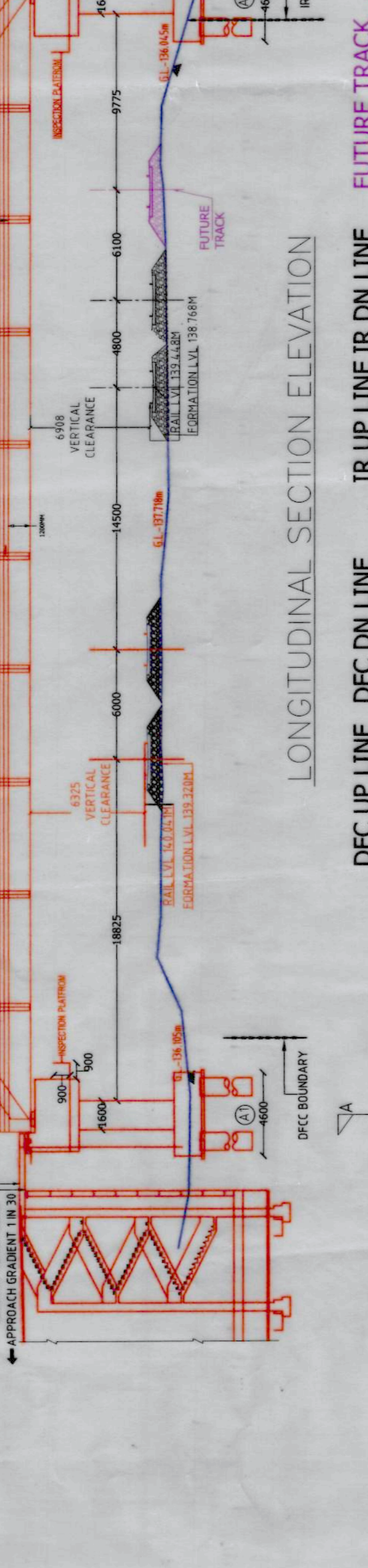
SYMBOL	DESCRIPTION	SYMBOL
(SYMBOL)	EXISTING TRACK	(SYMBOL)
(SYMBOL)	DFCC TRACK	(SYMBOL)
(SYMBOL)	FUTURE TRACK	(SYMBOL)
(SYMBOL)	EXISTING RAILWAY BOUNDARY	(SYMBOL)
(SYMBOL)	PROPOSED RAILWAY BOUNDARY	(SYMBOL)
(SYMBOL)	GROUND	(SYMBOL)
(SYMBOL)	DISMANTLED STRUCTURE	(SYMBOL)
(SYMBOL)	L.T. LINE	(SYMBOL)
(SYMBOL)	CANAL, NALLA, RIVER, DRAIN	(SYMBOL)
(SYMBOL)	PIPE LINE	(SYMBOL)
(SYMBOL)	BASE COURSE GRADE	(SYMBOL)
(SYMBOL)	BASE COURSE BENEATH	(SYMBOL)

SPECIAL NOTE:-

- CONCRETE PILE WITH SHALL BE CONSTRUCTED AT LOCATION OF UTILITY MOVEMENT OF LOCAL VILLAGERS.
- THIS DRG SUPERSEDES EARLIER APPROVED GAD VIDE (A) NRI/ENGG/GAD/ROB/13-2022/1 (B) NRI/ENGG/GAD/ROB/13-2022/1

DESIGN DRAWING OF SUBSTRUCTURE & STRUCTURE OTHER THAN ROBS SHALL BE CHECKED & APPROVED BY CBE/DIRECTOR, SBC

BORELUG DETAILS OF ROB AT



KEY-PLAN
 REF. DRAWING. NO. :- NRI/ENGG/GAD/ROB/13-2022/1
 DESIGN CONSULTANT:-
 CLIENT:-
 DESIGN NO. :-
 DATE :-
 SIGNATURE :-
 R2- CHANGE FORM COMPOSITE TO BOLTING GIRDER AS PER INSTRUCTION OF
 R1 DUE TO SHIFTING OF AZ BY 3M TO AVOID INFREINGMENT AT CENTRE PIER
 HEAD OF PLAN NO. :-
 PUCCA NO. :-
 ROUGH PLAN NO. :-
 SSE/W/ETW ADEN/ETW