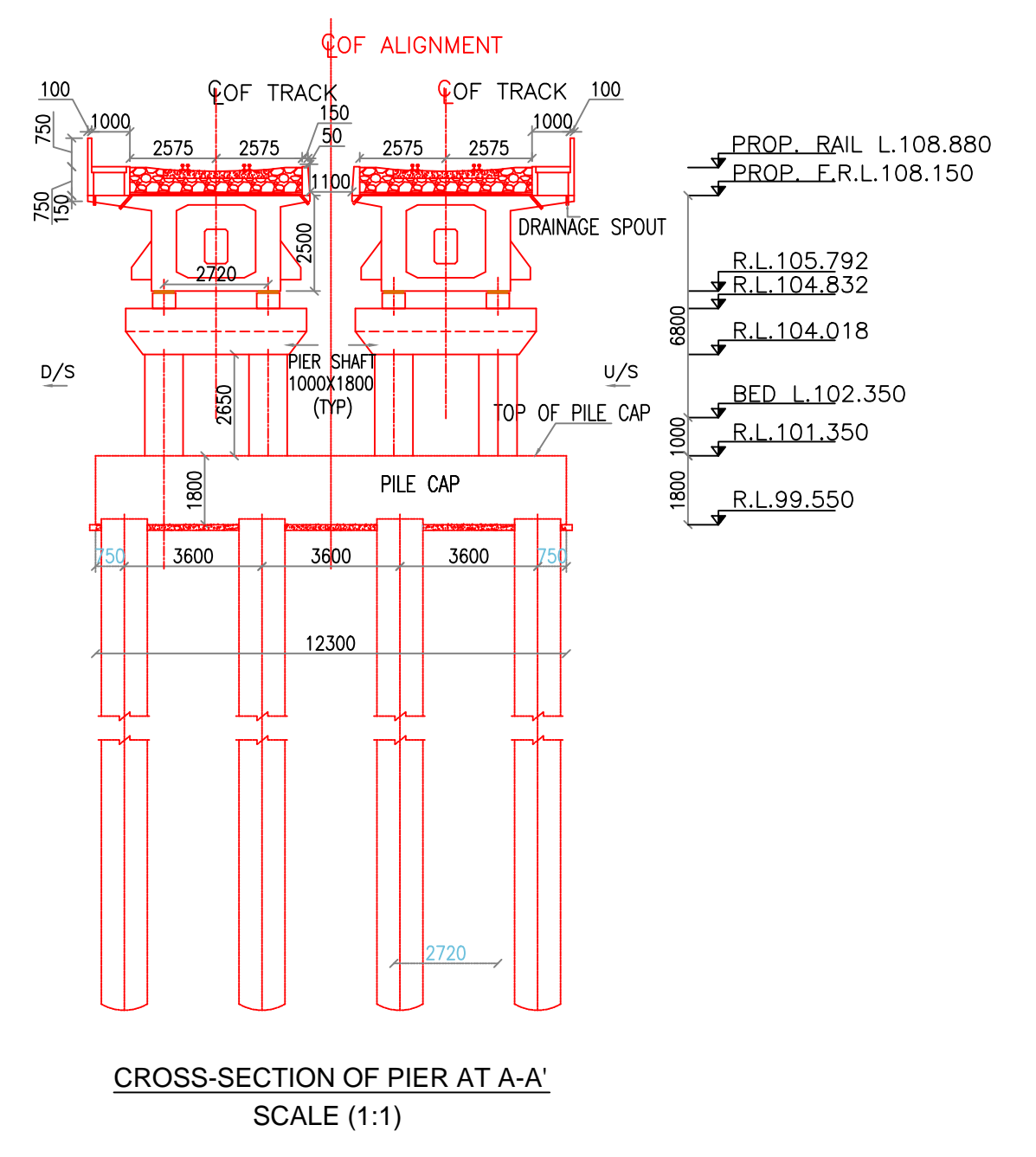
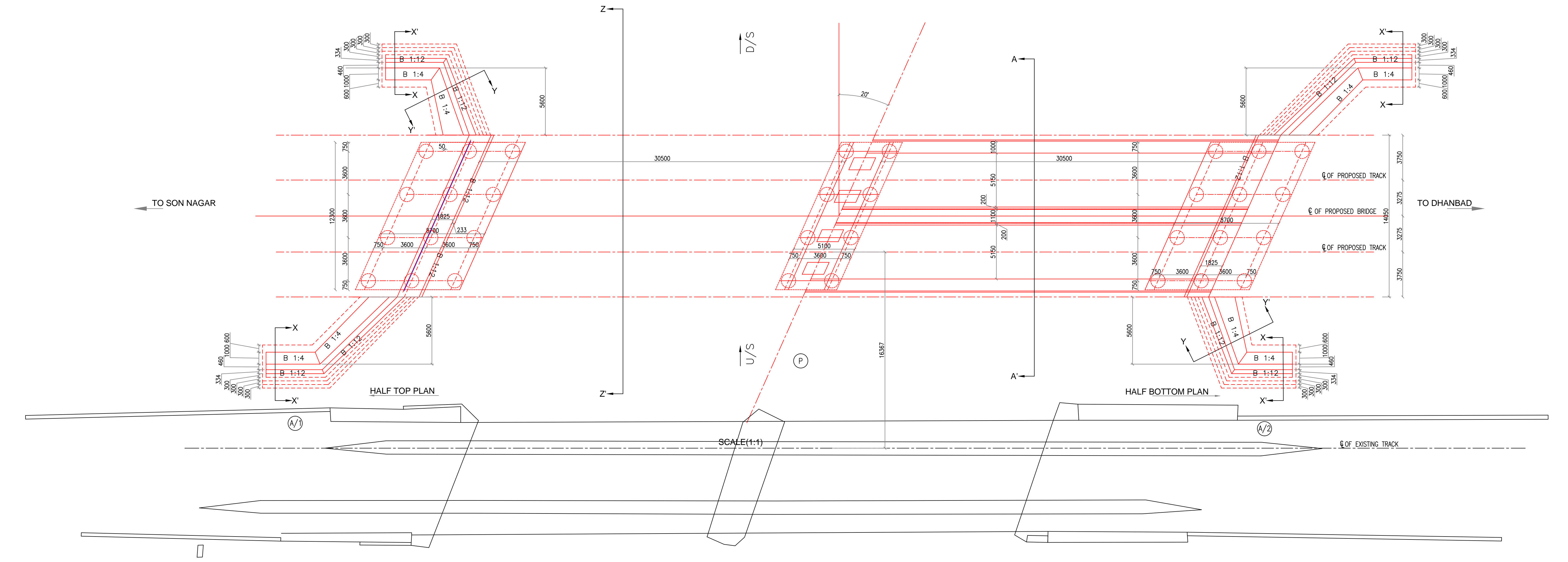
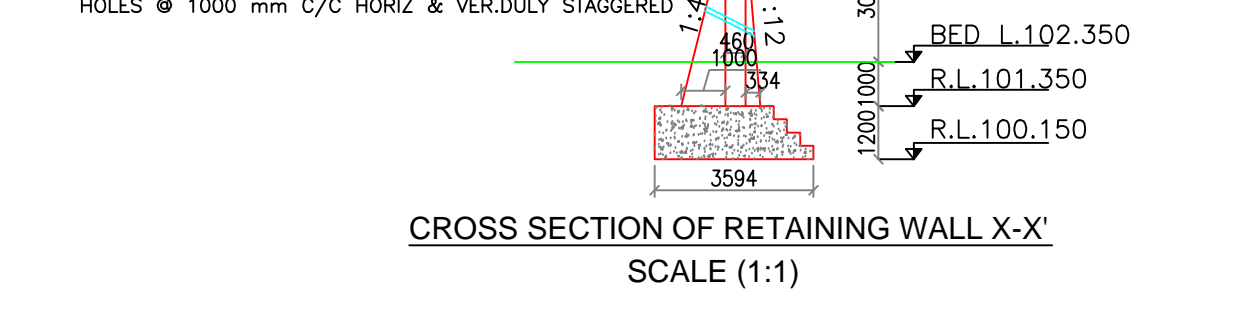
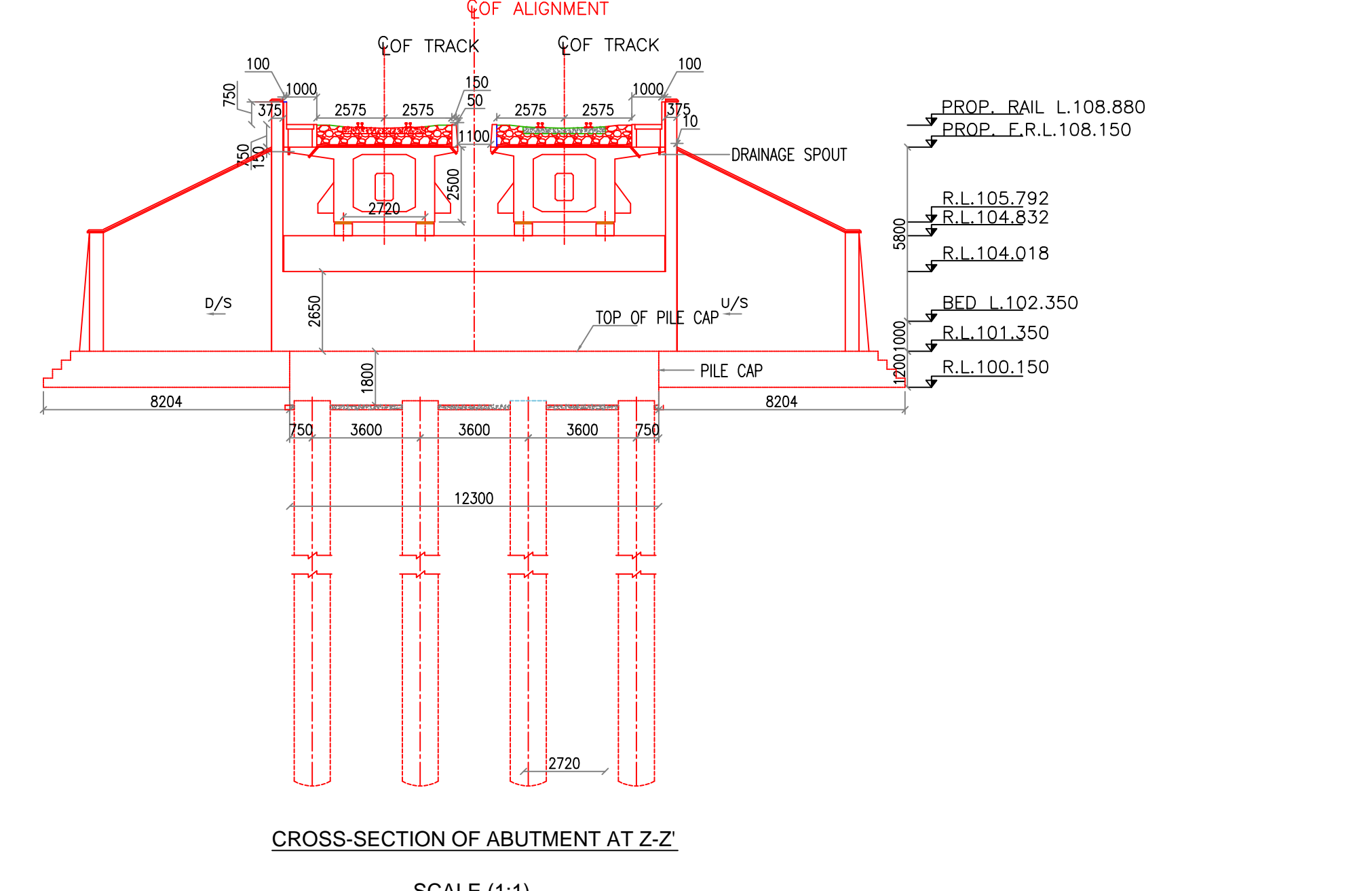


DATUM 80 M.

R.L.	103.567	103.763	103.087	102.093	102.129	102.234	102.243	102.350	102.338	102.385	102.433	102.501	104.447	104.269	103.104	102.705	102.801	102.896	103.180
CHAINAGE	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90

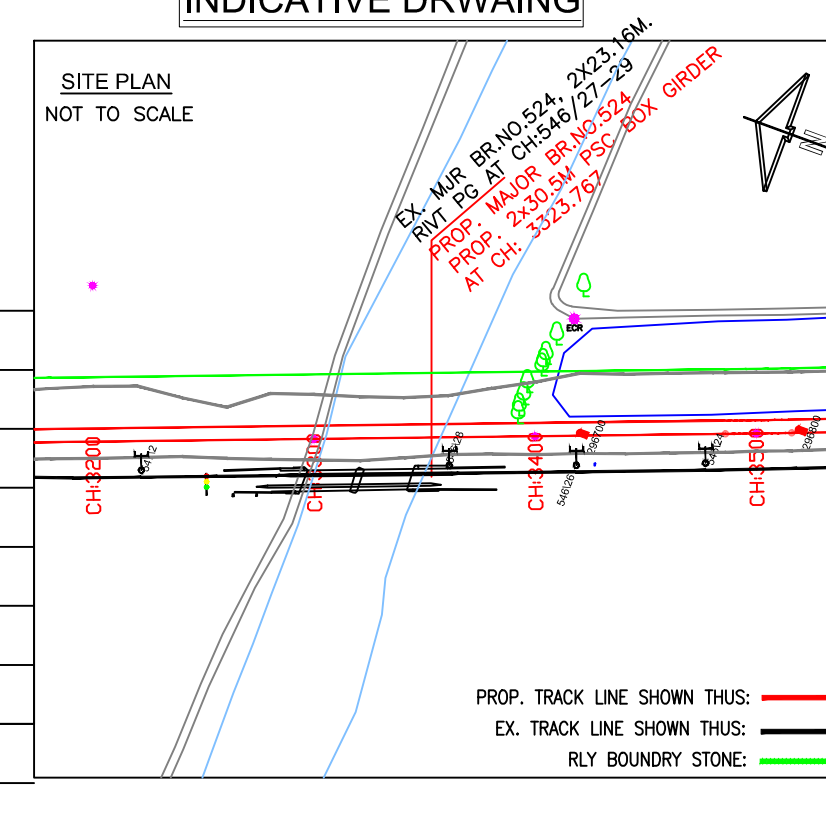


DFC LOADING 32.5T AXLE LOAD

- NOTES:-
- ALL DETAILS GIVEN / SHOWN IN THIS GAD ARE INDICATIVE.
 - ALL DIMENSIONS ARE IN MM AND ALL LEVELS IN METRES UNLESS OTHERWISE SPECIFIED.
 - INDICATIVE CODES (WITH LATEST CORRECTIONS SUP) ARE:
 - i) IS BRIDGE RULES.
 - ii) IS CONCRETE BRIDGE CODE.
 - iii) IS BRIDGE SUBSTRUCTURE AND FOUNDATION CODE.
 - iv) RELEVANT IRC CODES FOR PSC.
 - v) RELEVANT BIS CODES.
 - LOADING TO BE FOLLOWED IS D.F.C. LOADING (32.5 TON AXLE LOAD)
 - HIGH YIELD STRENGTH DEFORMED/TMT BAR OF GRADE Fe-500 SATISFYING THE REQUIREMENTS OF I.S. 1786-1985 SHALL BE USED AS REINFORCEMENT.
 - ALL DIMENSIONS AND LEVELS SHOULD BE VERIFIED & RECONCILED BEFORE EXECUTION.
 - BACK FILL SHOULD BE AS PER CLAUSE 7.5 OF IS BRIDGE SUB-STRUCTURE AND FOUNDATION CODE, 2ND REVISION 2004.
 - WEEP HOLES SHALL BE OF 100MM DIA PVC PIPES STAGGERED @ 1000MM C/C HORIZONTALLY AND VERTICALLY THROUGH RETURN WALL / ABUTMENT.
 - MESH REINFORCEMENT SHALL BE PROVIDED AT THE TOP OF RCC PEDESTAL UNDER THE BEARING IN TWO LAYERS OF 8 mm TOR @ 75 C/C BOTHWAYS ONE LAYER BEING AT 20 mm DISTANCE AND OTHER LAYER BEING 100 mm DISTANCE FROM THE TOP OF RCC PEDESTAL.
 - FOR INSPECTION PLATFORMS AND PEDESTAL FOR BEARING REFER DRAWING DWG No. C.E.S-1018.
 - SAFE BEARING CAPACITY OF SOIL SHALL BE DETERMINED SUITABLE METHOD BEFORE CONSTRUCTION WORK. IT SHALL BE GREATER THAN MAXIMUM FOUNDATION PRESSURE.
 - STONE PITCHING SHALL BE 300MM THICK OVER 150MM FILTER MATERIAL.
 - WORK SCHEME SHALL BE SUCH THAT ADJACENT IR TRACK IS NOT AFFECTED IN ANY WAY. HOWEVER, IF IT IS INEVITABLE THE ENGINEER WILL DECIDE THE IMPOSITION OF TEMPORARY SPEED RESTRICTION.
 - THE PILE FOUNDATION SHOWN IN GAD IS TENTATIVE. 1200 MM DIA PILES OF 20M LENGTH HAVE BEEN ASSUMED. THE CONTRACTOR HAS TO DESIGN SUITABLE FOUNDATION/SUBSTRUCTURE AS PER THE SOIL STRATA.
 - IN CASE PILE FOUNDATION IS USED THE RELEVANT BIS CODE FOR PILE FOUNDATION AND TESTING WILL BE FOLLOWED.
 - IN CASE WELL FOUNDATION IS USED THE RELEVANT IS CODE & IRC CODE FOR WELL FOUNDATION SHALL BE FOLLOWED.
 - THE PROPOSED MAJOR BRIDGE IS CROSSING A CANAL. THE GAD AND OTHER DRAWINGS AS REQUIRED SHALL BE GOT APPROVED FROM THE CONCERNED CANAL AUTHORITY BY THE CONTRACTOR WELL IN TIME.
 - THE GAD SHOULD SATISFY THE LATEST APPROVED SCHEDULE OF DIMENSION FOR DFC.
 - C.C. WEARING COURSE OF MINIMUM M-35 GRADE AND MIN. THK. OF 40MM WITH A CROSS SLOPE OF 1 IN 40 SHALL BE PROVIDED ON DECK.
 - TROLLEY REFUSE'S WILL BE PROVIDED AT SPECIFIED INTERVALS AS PER IS / IRPM/DFC STANDARDS.
 - THIS DRAWING DEPICTS SA OF BRIDGE AND IS MEANT ONLY FOR THE GUIDANCE OF THE BIDDER. ALL THE BRIDGES SHALL BE DESIGNED BY THE CONTRACTOR AS PER THE GUIDELINES PROVIDED IN BID DOCUMENT AND SHALL BE GOT APPROVED FROM THE ENGINEER.
 - BRIDGES IN STATION YARDS SHALL BE DESIGNED TO CATER TO THE NUMBER OF TRACKS SHOWN IN RESPECTIVE STATION YARD.

TRACK-DETAILS

	PROPOSED	EXISTING
1) TRACK ON	STRAIGHT	
2) GRADE LEVEL		
3) RAIL LEVEL	108.880 M	108.771 M
4) FORMATION LEVEL	108.150 M	108.091 M
5) BED LEVEL	102.350 M	102.350 M
6) TRACK CENTRE	16.367 M	
7) WATER WAY	61.0 M	46.32 M



DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD.

**NAME OF WORK:-
DESIGN AND CONSTRUCTION OF DFC WORKS
FROM SONNAGAR TO CHIRAILAPATHU**

**CONSTRUCTION OF MAJOR BRIDGE ON SONNAGAR - CHIRAILAPATHU
DFC UP AND DN LINES AT CH. 3323.767
BRIDGE NO. 524, SPAN 2X30.5 M PSC GIRDER
GENERAL ARRANGEMENT DRAWING**