GENERAL NOTES ON GENERAL ARRANGEMENT DRAWING OF ROB:

1. ALL DIMENSIONS ARE IN MILLIMETRE AND LEVEL IN METRES UNLESS SPECIFIED OTHERWISE.
2. NO DIMENSIONS SHALL BE SCALED FROM THIS DRAWING. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
3. ACTUAL LOCATION OF ROB SHALL BE DECIDED BY ENGINEER - IN - CHARGE IN CONSULTATION WITH ROAD AUTHORITY AT THE TIME OF CONSTRUCTION.
4. ALL WORKS SHALL BE CARRIED OUT AS PER THE SPECIFICATIONS AND STANDARDS LAID DOWN BY THE RAILWAY AND ROAD AUTHORITY AND SUBJECT TO FINAL DESIGN AND DRAWING TO BE APPROVED BY THE RAILWAY ADMINISTRATION AND ROAD AUTHORITY BEFORE STARTING THE WORK.
5. TYPE OF PIER, PIER FOUNDATION, ABUTMENT FOUNDATION SHALL BE FINALISED AFTER SOIL INVESTIGATION AT THE TIME OF CONSTRUCTION.
6. CHANGE OF HIGHWAY TO BE DONE AS PER IRC 73 & IRC 86 (LATEST).
7. RCC WORKS SHALL BE DONE AS PER IRC 112 (LATEST).
8. RCC WORKS TO BE DONE AS PER IRC 21 (LATEST).
9. ROAD WORKS SHALL BE DONE AS PER IRC 37 (LATEST).
10. BOX CUSHION, UNIT OF ROB DESIGNED FOR A LOAD OF 45 R OR 1.4 UNIT OF IRC 70 CLASS LOADING AS PER IRC 6 (LATEST).
11. DRAWING AND DESIGN OF APPROACH EARTH TO BE FURNISHED BY ROAD AUTHORITY.
12. DRAWING AND DESIGN OF APPROACH EARTH TO BE FURNISHED BY RAILWAY AND SECURITY PACKING AND BOLTS SHALL BE AS PER IRS CODE.
13. BEFORE BEGINNING ANY EXCAVATION, THE CONTRACTOR SHALL ENSURE THAT NO UNDERGROUND CABLES OR PIPES ARE DAMAGED. ANY DAMAGE SHALL BE MADE GOOD AT CONTRACTOR'S COST.
14. ROAD BLASTING IS TO BE CARRIED OUT IN THE PRESENCE OF RAILWAY AND SECURITY PERSONNEL AND ADEQUATE PRECAUTIONS TAKEN TO PREVENT DAMAGE TO RAILWAY PROPERTY.
15. SUITABLE SIGNAL POSTS SHALL BE PROVIDED AND PROPER SIGNALLING FOR ROAD TRAFFIC SHALL BE ARRANGED DURING THE CONSTRUCTION.
16. CONTROLLED CEMENT CONCRETE HAVING MINIMUM CUBE STRENGTH OF 15 N/MM2 SHALL BE PROVIDED AND LAID BELOW THE FOUNDATION OF ABUTMENT AND WINGS AS PER IRC 78 CLAUSE 710.3.2.
17. CONTROLLED CEMENT CONCRETE HAVING THE PROPERTIES AS SPECIFIED IN CLAUSE 2703 OF MORTH SPECIFICATIONS SHALL BE USED FOR CONCRETE BELOW FOUNDATION LEVEL.
18. ALL REINFORCEMENT SHALL CONFORM TO IS 1786 GRADE FE 415 AND SHALL BE FREE FROM RUST, MILL SCALE, OIL, GREASE, LOOSE MILL SCALE AND LOOSE RUST.
19. ALL CONCRETE SHALL BE MIXED IN MECHANICAL MIXER AND SHALL BE VIBRATED WITH POKER VIBRATOR.
20. ALL CONCRETE SHALL BE CURED FOR A MINIMUM PERIOD OF 14 DAYS AFTER CONCRETING.
21. ALL CONCRETE SHALL BE DESIGNED AS PER IRC 112 (LATEST).
22. ALL CONCRETE SHALL BE DESIGNED AS PER IRC 112 (LATEST).
23. ALL CONCRETE SHALL BE DESIGNED AS PER IRC 112 (LATEST).
24. ALL CONCRETE SHALL BE DESIGNED AS PER IRC 112 (LATEST).
25. ALL CONCRETE SHALL BE DESIGNED AS PER IRC 112 (LATEST).
26. ALL CONCRETE SHALL BE DESIGNED AS PER IRC 112 (LATEST).
27. ALL CONCRETE SHALL BE DESIGNED AS PER IRC 112 (LATEST).
28. ALL CONCRETE SHALL BE DESIGNED AS PER IRC 112 (LATEST).
29. ALL CONCRETE SHALL BE DESIGNED AS PER IRC 112 (LATEST).
30. ALL CONCRETE SHALL BE DESIGNED AS PER IRC 112 (LATEST).
31. ALL CONCRETE SHALL BE DESIGNED AS PER IRC 112 (LATEST).
32. ALL CONCRETE SHALL BE DESIGNED AS PER IRC 112 (LATEST).
33. ALL CONCRETE SHALL BE DESIGNED AS PER IRC 112 (LATEST).
34. ALL CONCRETE SHALL BE DESIGNED AS PER IRC 112 (LATEST).
35. ALL CONCRETE SHALL BE DESIGNED AS PER IRC 112 (LATEST).
36. ALL CONCRETE SHALL BE DESIGNED AS PER IRC 112 (LATEST).
37. ALL CONCRETE SHALL BE DESIGNED AS PER IRC 112 (LATEST).
38. ALL CONCRETE SHALL BE DESIGNED AS PER IRC 112 (LATEST).
39. ALL CONCRETE SHALL BE DESIGNED AS PER IRC 112 (LATEST).
40. ALL CONCRETE SHALL BE DESIGNED AS PER IRC 112 (LATEST).
41. ALL CONCRETE SHALL BE DESIGNED AS PER IRC 112 (LATEST).
42. ALL CONCRETE SHALL BE DESIGNED AS PER IRC 112 (LATEST).
43. ALL CONCRETE SHALL BE DESIGNED AS PER IRC 112 (LATEST).
44. ALL CONCRETE SHALL BE DESIGNED AS PER IRC 112 (LATEST).
45. ALL CONCRETE SHALL BE DESIGNED AS PER IRC 112 (LATEST).

METHODOLOGY OF WORKING

1. ALL CONCRETE SHALL BE DESIGNED AS PER IRC 112 (LATEST).
2. ALL CONCRETE SHALL BE DESIGNED AS PER IRC 112 (LATEST).
3. ALL CONCRETE SHALL BE DESIGNED AS PER IRC 112 (LATEST).
4. ALL CONCRETE SHALL BE DESIGNED AS PER IRC 112 (LATEST).
5. ALL CONCRETE SHALL BE DESIGNED AS PER IRC 112 (LATEST).
6. ALL CONCRETE SHALL BE DESIGNED AS PER IRC 112 (LATEST).
7. ALL CONCRETE SHALL BE DESIGNED AS PER IRC 112 (LATEST).

TYPE OF ROAD: A to A - ROAD
PINK BOOK ITEM NO.: 2.2.5
TOY NO. : DATED:
LOC. STANDARD: 2 Lane-2/E CLASS-A LOADING

SR NO	DATE	REVISIONS	SIGNATURE
0	14/08/21	FIRST SUBMISSION	

CLIENT: DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD. (Eastern Corridor-Allahabad Division)

PROJECT: GAD FOR PROPOSED TWO LANE ROB IN LIEU OF LEVEL X-ING NO. 122, AT K.M. 765/30-765/32 AT GHUNAR YARD

TITLE: GENERAL ARRANGEMENT DRAWING OF ROB-LC 122

DESIGN	DRAWN	PROJECT NO	DRAWING NO
		-	ROB-LC-122/01
DESIGN DATA	DRAWN DATA		
		SCALE : AS SHOWN	SHT NO. 1 OF 1

DESIGN CONSULTANT: MOVARI H — SURVEYORS AND ENGINEERING CONSULTANTS PVT. LTD. 401, PRAMUKH PLAZA, NEAR RAILWAY STATION, SITAPUR ROAD, LUCKNOW-226020 (U.P.) PH:0522-4103103,4033046,FAX:4033046 E-MAIL:movarih@yahoo.co.in

KEY PLAN NOT TO SCALE

BORE LOG

LEGEND

SR.	NAME	COLORS
1	EX. WORK(IR TRACK)	
2	PROP WORK	
3	FUTURE IR LINE	
4	FUTURE DFC LINE	
5	DFC LINE	

	CBE/NCR	DY CEE/BRHNQ	AXEN/BG/II	NCR H/Q
	SR.DEN/CO	SR.DOM	SR.DEE/TRD	SR.DEN/1	SR.CE/TE/BG/ALD	COM/ALD(E)	GM/Elect.	GM/S&T	Dy CPM/Engg	Dy PM/Engg	JPM/Engg	APM/T	Dy PM (I&T) II	PM/UP/BCU	STATE AUTHORITIES
	DIVISIONAL					DFCCIL									

RE WALL 64371 — RE WALL 105752 — 3.97% — 3.56%

CHAINAGE	GROUND LEVEL	PROP ROAD LVL	CUT-FILL
0	80.359	80.359	0.000
10	80.160	80.627	0.467
20	80.040	80.985	0.945
30	79.927	81.342	1.415
40	79.820	81.700	1.880
50	79.713	82.058	2.345
60	79.607	82.415	2.808
70	79.504	82.773	3.269
80	79.401	83.131	3.730
90	78.821	83.488	4.668
100	77.314	83.846	4.532
110	75.812	84.204	4.392
120	74.375	84.562	10.186
130	73.108	84.919	11.811
140	73.306	85.277	11.971
150	73.560	85.635	12.075
160	73.885	85.992	12.157
170	74.059	86.350	12.291
180	74.270	86.708	12.438
190	75.633	87.065	11.433
200	76.665	87.423	10.758
210	76.553	87.781	11.228
220	77.258	88.138	10.881
230	77.988	88.496	10.508
240	78.728	88.854	10.135
250	79.449	89.213	9.763
260	80.179	89.569	9.391
270	80.221	89.927	9.706
280	79.819	90.285	10.465
290	80.112	90.627	10.515
300	80.901	90.866	9.965
310	80.751	90.985	10.234
320	80.174	91.000	10.126
330	81.007	91.000	9.993
340	81.983	91.000	9.017
350	83.647	91.000	7.353
360	84.142	91.000	6.858
370	82.969	91.000	8.031
380	81.766	91.000	9.234
390	80.607	91.000	10.393
400	80.218	91.000	10.782
410	80.138	91.000	10.862
420	79.811	91.000	11.189
430	79.233	91.000	11.767
440	78.654	91.000	12.346
450	78.036	91.000	12.964
460	77.497	91.000	13.503
470	77.499	91.000	13.501
480	77.502	90.990	13.488
490	77.394	90.874	13.481
500	77.161	90.690	13.469
510	76.754	90.288	13.534
520	76.269	89.882	13.614
530	75.736	89.457	13.720
540	75.154	89.111	13.956
550	74.577	88.725	14.148
560	74.024	88.340	14.316
570	73.520	87.954	14.434
580	73.089	87.568	14.479
590	73.060	87.183	14.123
600	73.405	86.797	13.392
610	73.716	86.411	12.695
620	74.027	86.026	11.999
630	74.304	85.640	11.337
640	74.367	85.254	10.887
650	73.726	84.869	11.143
660	73.343	84.483	11.140
670	73.088	84.097	11.010
680	73.143	83.712	10.569
690	72.963	83.326	10.363
700	72.860	82.940	10.080
710	72.893	82.555	9.662
720	73.626	82.169	8.543
730	76.961	81.783	4.822
740	78.965	81.398	1.433
750	79.724	81.012	1.288
760	79.693	80.626	0.936
770	79.249	80.241	0.492

EXISTING LC GATE NO.122

TO DDU

TO PRYJ

NH NO.7

PIPE LINE ROW
IOCL PIPE LINE
PIPE LINE ROW
FUTURE IR LINE
FUTURE IR LINE
IR DN LINE
IR UP LINE
DFCC UP LINE
DFCC DN LINE
FUTURE DFC LINE

PLAN
SCALE 1:500

PLAN
SCALE 1:100

DETAIL AT ABUTMENT A2
SCALE:1:100

SECTION AT PIER P1(C) PSC I GIRDER 30M SPAN)
SCALE 1:100