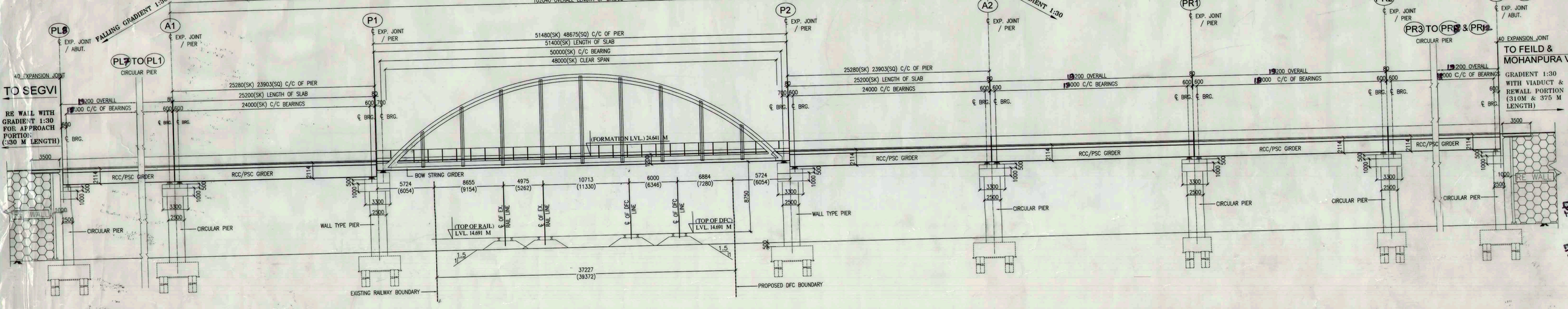
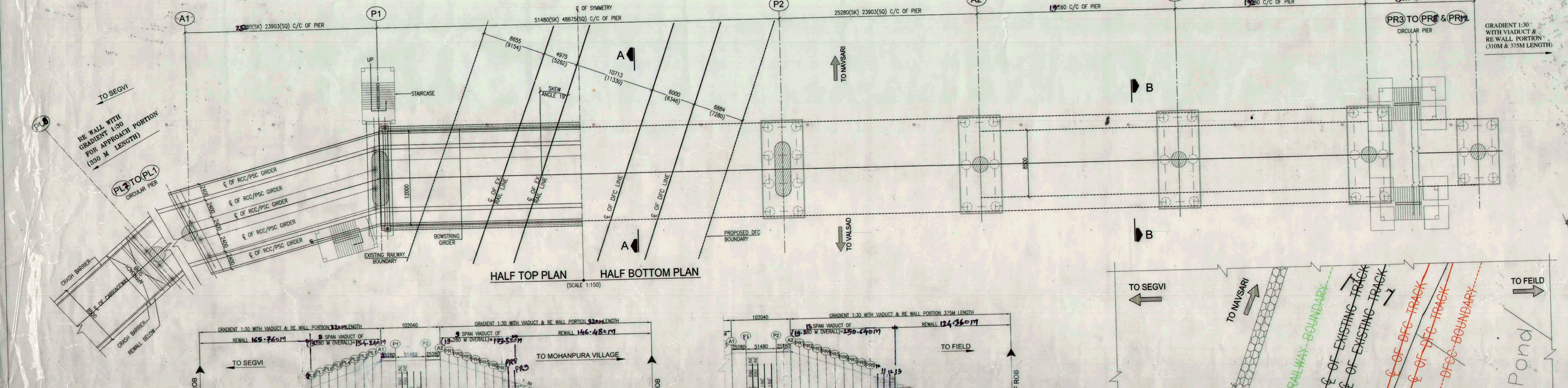


ROAD LEVEL (m)	24.641	24.641	24.641	24.641	23.808	22.975
GROUND LEVEL(m)	13.736	13.610	13.800	12..610	13.800	13.901
CHAINAGE(m)	0+0.411	0+0.436	0+0.462	0+0.487	0+0.512	0+0.537	0+0.562

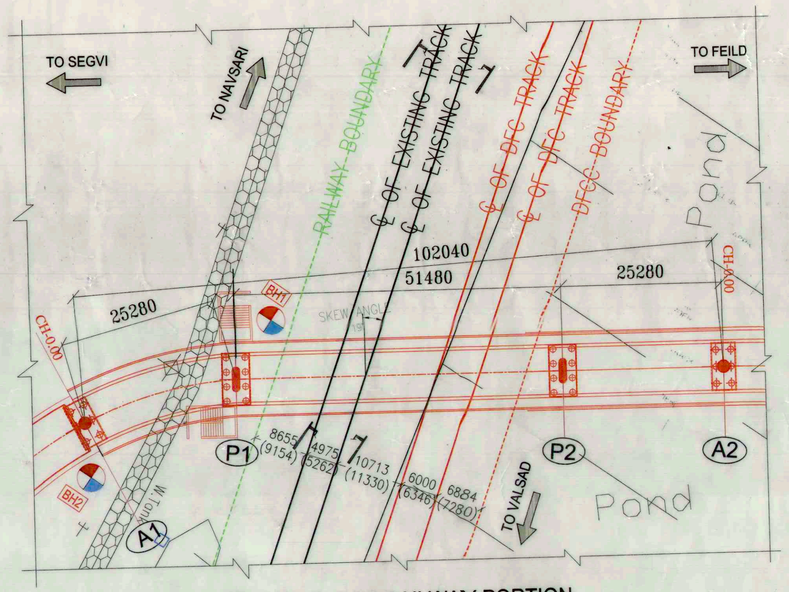
OPENED-UP ELEVATION OF BRIDGE FOR RAILWAY PORTION

(SCALE 1:150)

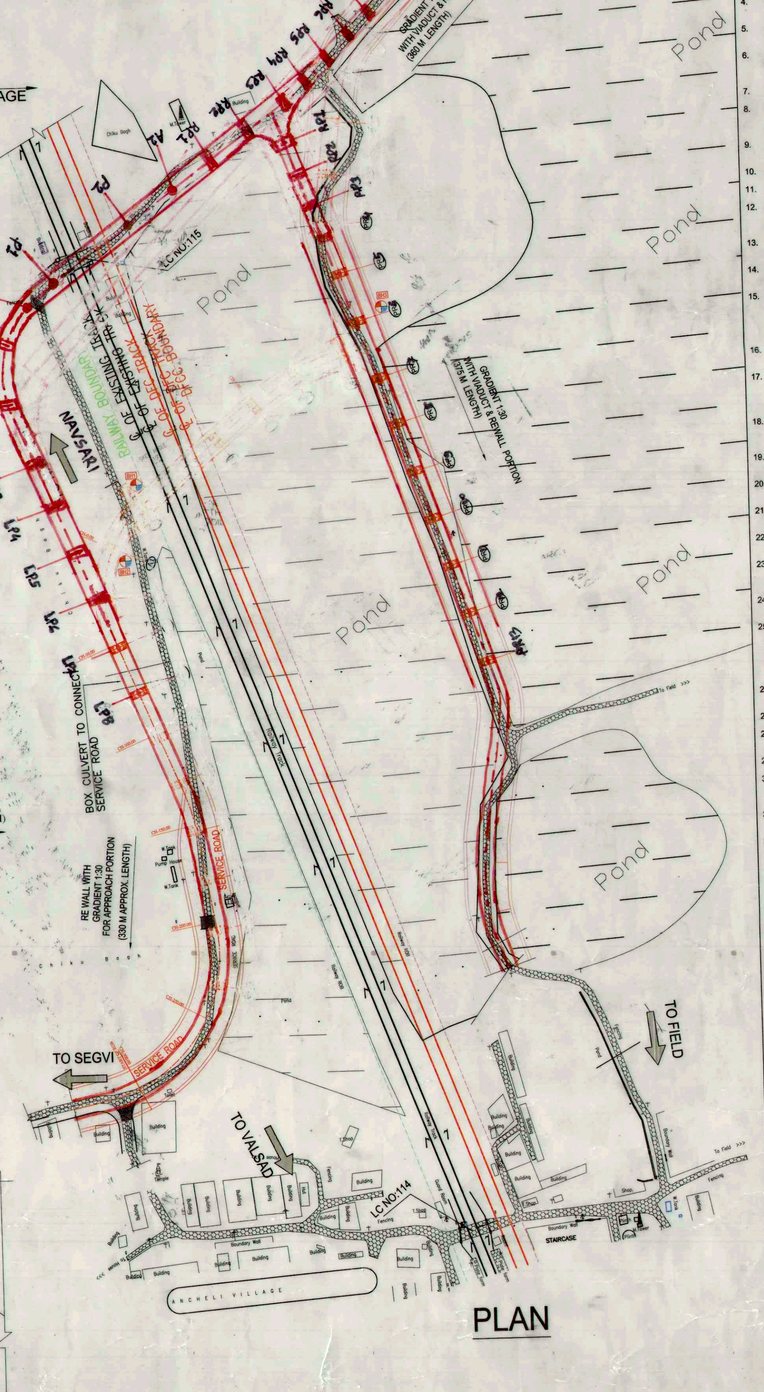


HALF TOP PLAN HALF BOTTOM PLAN

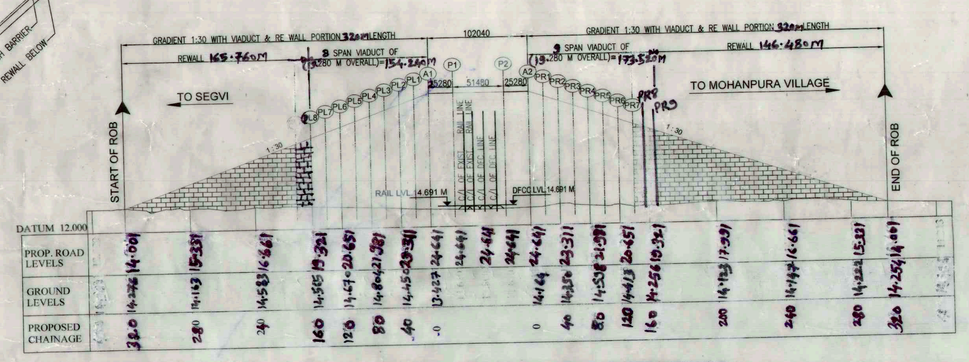
(SCALE 1:150)



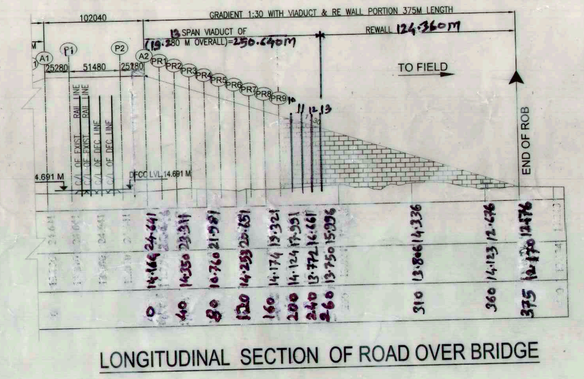
KEY PLAN FOR RAILWAY PORTION



PLAN

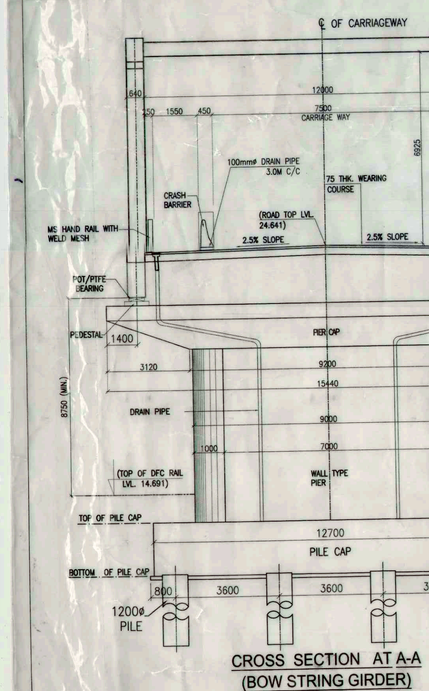


LONGITUDINAL SECTION OF ROAD OVER BRIDGE

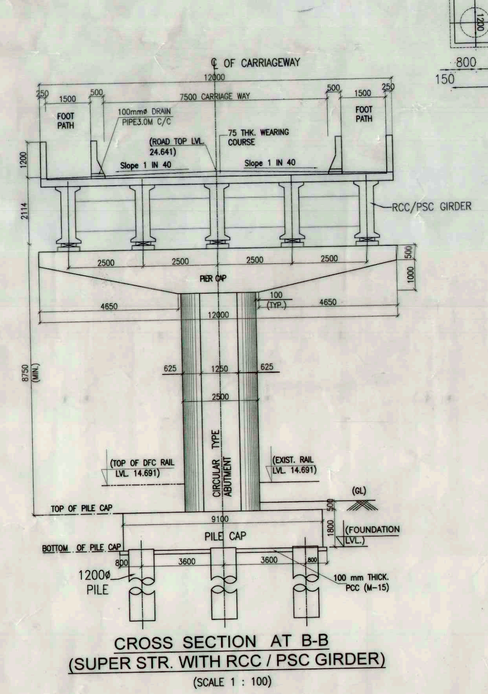


LONGITUDINAL SECTION OF ROAD OVER BRIDGE

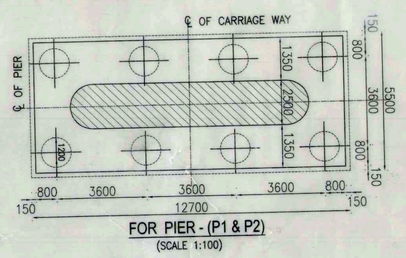
CHECKED BY	Sanjeev Kumar SANJEEV KUMAR SEE.@ DFC-BCT
CASE NO: W1420/3/201	



CROSS SECTION AT A-A
(BOW STRING GIRDER)
SCALE 1 : 100

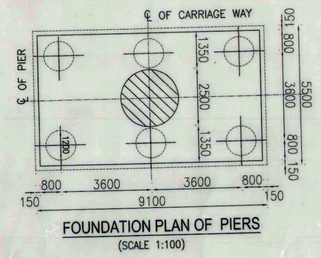


CROSS SECTION AT B-B
(SUPER STR. WITH RCC / PSC GIRDER)
(SCALE 1 : 100)



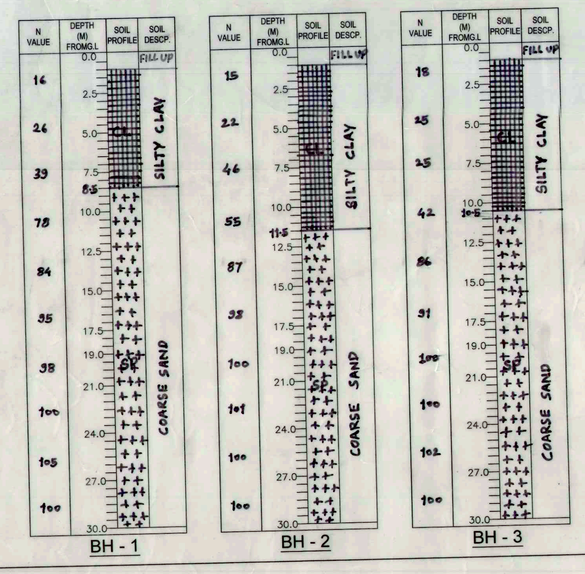
FOR PIER - (P1 & P2)

(SCALE 1:100)



FOUNDATION PLAN OF PIERS

(SCALE 1:100)



SITE VERIFIED BY		
A.DEN/ST (CHIRAG MITTAL)	S.E. (W) BSM	18.05.2017 SE.@ DFC-BCT (A.K.MISHRA)

SR DOM BCT (SUHANI MISHRA)	
(J.G.KHER)	(P.M.CHAUDHARY)
EXECUTIVE ENGINEER R&B (STATE), NAVSARI.	SUPERINTENDING ENGINEER R&B DEPARTMENT, SURAT.

LEGEND

SR.	STRUCTURE TYPE	CODE FOR SURVEY	SYMBOL
1	PROPOSED ROAD LINE	RD	
2	EXITING ROAD LINE	RD	
3	ROAD CENTER LINE	RC	
4	SERVICE ROAD	SR	
5	ELECTRIC POLE	EP	EP
6	SIGNAL POST	SP	SP
7	DFC STONE	STONE	
8	TEMPLE	TEMPLE	
9	TREE	TREE	
10	RLY KM STONE	KM STONE	
11	EXITING RLY LINE	RLY	
12	PROPOSED RLY LINE	RLY	
13	TELEPHONE LINE	TP	TP
14	POND	POND	

RECAPITULATION OF LENGTH FOR PROPOSED BRIDGE

	SPAN-1	SPAN-2	SPAN-3	TOTAL LENGTH
SKEW ANGLE	19°0'0"	19°0'0"	19°0'0"	19°0'0"
SQUARE LENGTH(mm)	23903	48675	23903	96481
SKEW LENGTH(mm)	25280	51480	25280	102040

LOADING STANDARD:

* BRIDGE SHALL BE DESIGNED FOR ONE LANE OF CLASS 70(R)+1 LANE CLASS A OR THREE LANE OF CLASS 'A' ALONGWITH FOOTPATH LOADING,WITH WORST COMBINATION.
* FOOTPATH LOADING SHALL BE AS PER CLAUSE 209.1 OF IRC-6-2000

DESIGN CONSULTANT :	
CONSTRUMA CONSULTANCY PRIVATE LIMITED	B.O. : D-57, G.F., Sector -52,Noida – 201 301, U.P. Tel. : +91 -120 – 4570152, 4570153 H.O. : 2nd Floor, Pinky Plaza, 5th Road, Tel. : +91 -22 –26040564, 26487415
CONSULTANT AUTHORITY :	
DRAWN BY :	N.R.P. (D.M)
PROOF CHECK :	S.D.BENDALE (D.E)
APPROVED :	Dr. HARSHAVARDAN SUBBARAO(M.D)

WESTERN RAILWAY		CPM/NORTH/MUMBAI, SHYAM SINGH	Dy. CPM/Engg/II/MUMBAI D. N. KATE
SECTION :- VR-ST			APM/Engg/II/MUMBAI J. V. RATHOD
DIVISION: BCT	HEAD QUARTER		
DRM-BCT (MUKUL JAIN)	CBE-CCG (AJAY GOYAL)		
ADRM(T)BCT	CE(RSW)-CCG (SURENDRA KUMAR)		
SR.DEN(CO)BCT (K. JHA)	DY. CE(D)CCG (AVINASH KUMAR)		
SR . DEN(N)BCT (VINAYAK PANDEY)	DY. CE(ROB)CCG (Z. A. WAHID)		
DEN-DFC-BCT (ANUJ KUMAR SINGH)	AXEN(BR.)CCG (M. D. DIXIT)		
DRM(B) 25315 20-F	PCE 24864-DRM 1-D		

TVU :- 185676 & 77826 (02/2015)
PINK BOOK NO.:-ITEM NO. 177 (2015-2016)

PROJECT :
PROPOSED ROB IN LIEU OF LC NO.BETWEEN 114 &115 AT KM BETWEEN 225/14-16 & 226/18-20(DFCCCH.67000) BETWEEN STATIONS AMALSAD TO ANCHELLI(VEDCHHA) OF MUMBAI–DELHI TRUNK ROUTE OF WESTERN RAILWAY

CLIENTS :
THE CHIEF PROJECT MANAGER
DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD.
(A GOVERNMENT OF INDIA UNDERTAKING)
(7TH FLOOR,' C.R.Y., NEW ADMN. BLDG., D.N.ROAD, MUMBAI– 400001. TEL/FAX : 022–22634184)

TITLE :
GENERAL ARRANGEMENT DRAWING (RAILWAY PORTION)

DRG. NO.	REV.	DATE
CCPL/WDFC/CPM/N/LC_NO_114&115	R0	24.12.2016