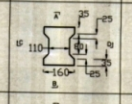
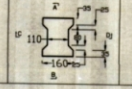
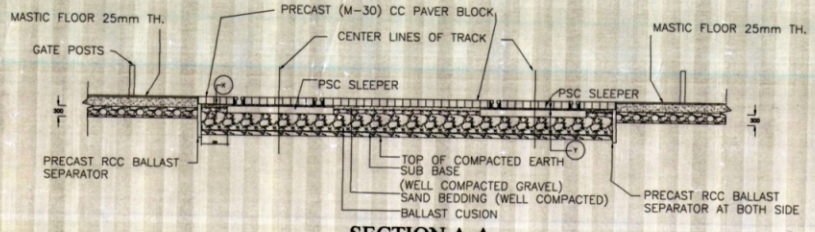
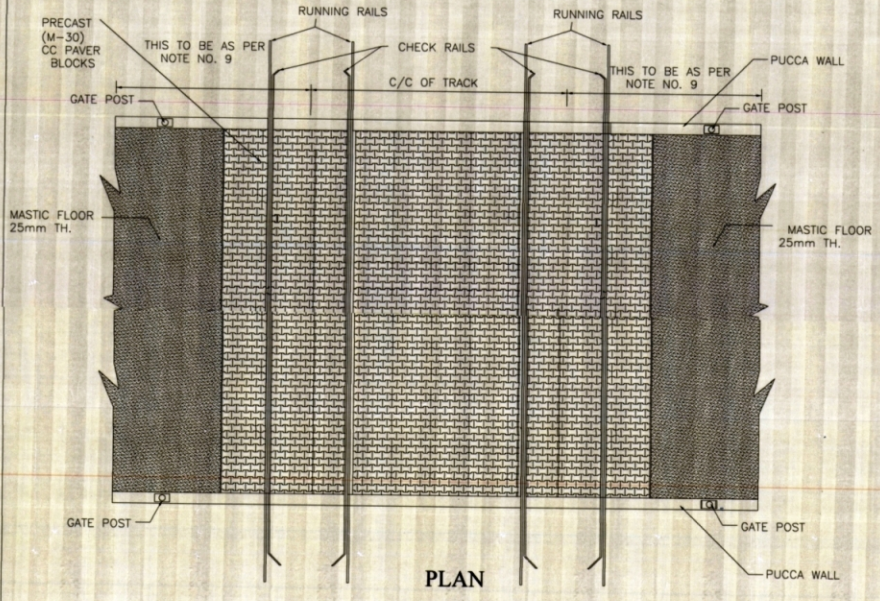
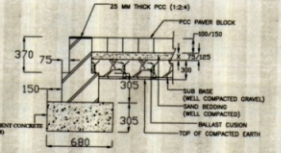
TYPE OF VEHICLE	PLAN	SECTION A-B	SECTION C-D
FOR HEAVY VEHICLE			
FOR LIGHT VEHICLE			



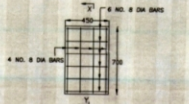
SECTION A-A



PLAN



SECTION OF PUCCA WALL



SECTIONAL ELEVATION



SECTION AT X-Y

DETAILS OF PRECAST RCC BALLAST SEPARATOR

THICKNESS OF SAND BEDDING

SL.	TYPE OF VEHICLE	X (mm)	Y (mm)
1.	FOR HEAVY VEHICLE	75	25±5
2.	FOR LIGHT VEHICLE	125	75±5

N.R. TYPE PLAN No. : F - 77 | IN SHEETS : 1 | SHEET No. 1

N.R.H.Q.E. PLAN No. : HQ / 04 / 06 - 2011

NOTES :

1. All dimensions are in millimetres unless shown otherwise.
2. This drawing is based on the R.D.S.O.'s drawing no. M-00003 dated 12.03.01.
3. Length, width and slope of road surface shall be according to N.R.H.Q.E. plan no. HQ/04/08-2008.
4. Concrete in precast Plain Cement Concrete pavers and R.C.C. Ballast Separators shall be of grade M-30.(as per IS 15658:2006.)
5. Reinforcement in Ballast Separators shall be of HYSD bars conforming to IS: 1786-1983.
6. A well compacted layer sand bedding of thickness as shown in the drawing with well graded sand shall be provided over ballast cushion/ sub base. The top surface of sand bedding shall be finished smooth by screeding.
7. Edge restraints shall be provided around periphery of the road surface to restrain movement of pavers.
8. Arrangement of pavers and edge restraints between tracks will vary according to track centre.
9. The minimum length of approach road to be surfaced beyond the gate posts should be upto a point that covers the length of longest road vehicle plying regularly through the Level-xing.
10. The paver joints shall be grouted with sand.
11. The pavers may be cut to suitable size so as to snug fit along the rails.
12. Cavity between interlocked blocks and check rails shall be filled by bituminous concrete.
13. Paver block should not have sharp edges which may get broken during overhauling.

THIS DRAWING SUPERSEEDS N.R. TYPE PLAN No.F-76 (N.R.H.Q.E. PLAN NO. HQ/O2/04-2009)

(S.L. VERMA) Chief Engineer/P&D	(Y.P. SINGH) Chief Track Engineer 01/07/2011
(O.P. DESHWAL) A /Executive Engineer/P&D 20-6-11	(G.S. PATHAK) Dy.Chief Engineer/P&D

उत्तर रेलवे

NORTHERN RAILWAY

मानक नक्शा

पूर्व ढलित सीमेंट कंक्रीट ब्लॉक द्वारा समपार पर सड़क सतह

TYPE PLAN OF ROAD SURFACE WITH PRECAST P.C.C. BLOCKS ON LEVEL CROSSING FOR HEAVY & LIGHT VEHICLES

S. NO	DATE	DESCRIPTION	INITIALS
REVISIONS			

Scale : (1:100),(1:20) | Case No. 205-W / O / 104 | Cancelled Plan No:

N.R.H.Q.E. PLAN No. : HQ / 04 / 06 - 2011 | IN SHEETS : 1 | SHEET No. 1