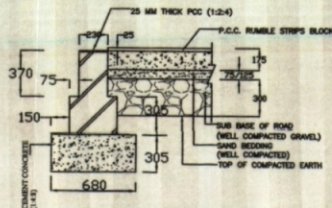
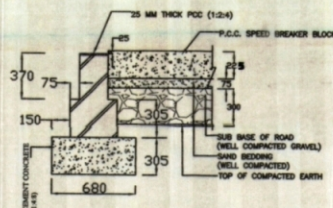


RUMBLE STRIP BLOCKS

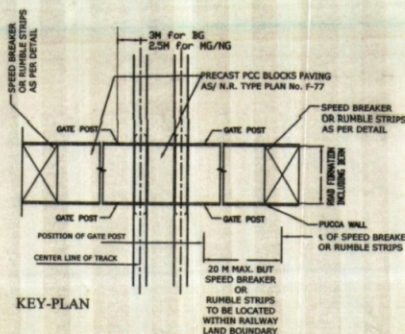
TYPE OF VEHICLE	PLAN	SECTION A-B	SECTION C-D
FOR HEAVY VEHICLE			
FOR LIGHT VEHICLE			



SECTION OF RETAINING WALL
(WITH RUMBLE STRIP BLOCKS)



SECTION OF RETAINING WALL
(WITH SPEED BREAKER BLOCKS)



KEY-PLAN

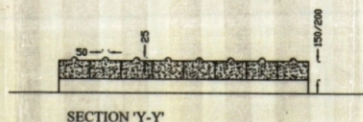
N.R. TYPE PLAN No. : F-79

IN SHEETS : 1
SHEET No. 1

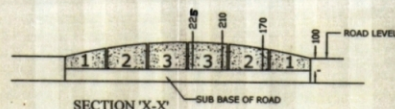
N.R.H.Q.E. PLAN No. : HQ/ 11/10-2012

NOTES:

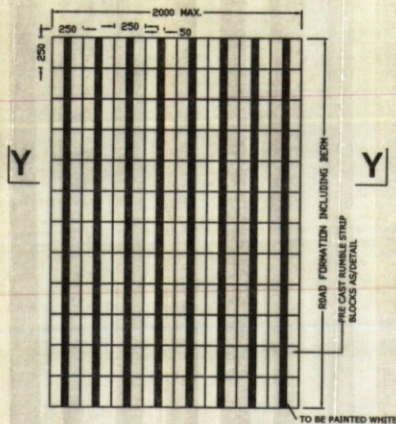
- All dimensions are in millimeters unless shown otherwise.
- Speed Breaker / Rumble strip blocks should cover the full width of road including the berm i.e. edge to edge of road formation.
- Concrete in precast Speed Breaker and Rumble strip blocks shall be M-25.
- Thickness of Rumble strips and the sand bedding below shall be different for heavy & light weight vehicles as shown in the drawing.
- A well compacted layer of sand bedding shall be provided over ballast sub-base. The top surface of sand bedding shall be finished smooth by screening.
- The precast blocks joints shall be grouted with sand.
- PROVISION OF SPEED BREAKER/RUMBLE STRIPS WILL BE GOVERNED BY PARA 318 OF IRPM.



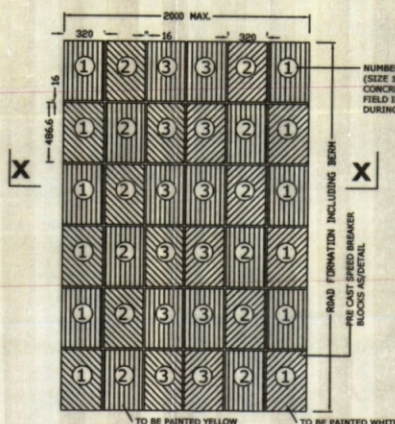
SECTION 'Y-Y'



SECTION 'X-X'



PLAN OF RUMBLE STRIPS



PLAN OF SPEED BREAKER

NUMBER TO BE ENGRAVED
(SIZE 100 MM) ON GREEN
CONCRETE FOR EASE OF
FIELD IDENTIFICATION
DURING LAYING PROCEDURE

ROAD FORMATION INCLUDING BERM
PRE CAST SPEED BREAKER
BLOCKS AS/DETAIL
TO BE PAINTED WHITE

NORTHERN RAILWAY

TYPE PLAN OF PRECAST
P.C.C. SPEED BREAKER AND
RUMBLE STRIP BLOCKS
AT LEVEL CROSSINGS
FOR HEAVY & LIGHT VEHICLES

S. NO.	DATE	DESCRIPTION	INITIALS

REVISIONS

Scale:	Case No.	Cancel Plan No.

N.R.H.Q.E. PLAN No. HQ/ 11/10-2012

IN SHEETS : 1
SHEET No. 1

Handwritten signatures and dates:
3.8.12
G.S. Pathran
27/08/12
A. XEN / PSD