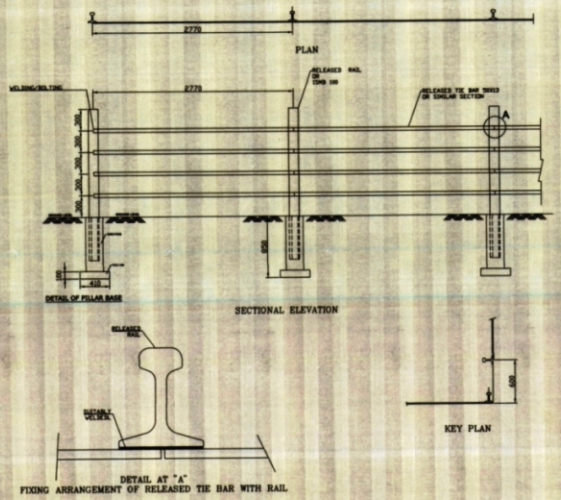
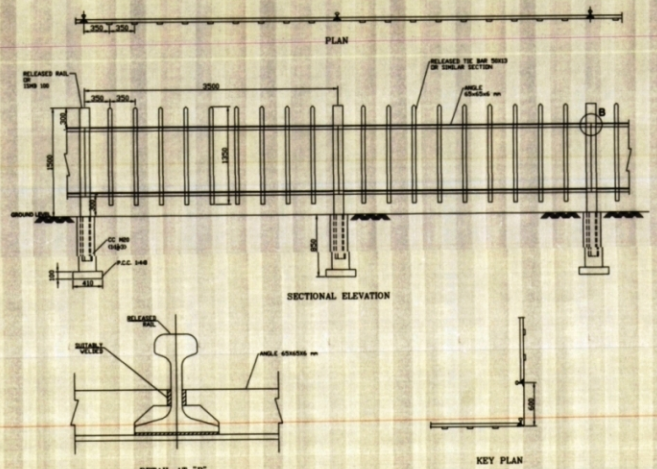


FIXING ARRANGEMENT OF RELEASED TIE BAR WITH RAIL

ALTERNATE NO. 1

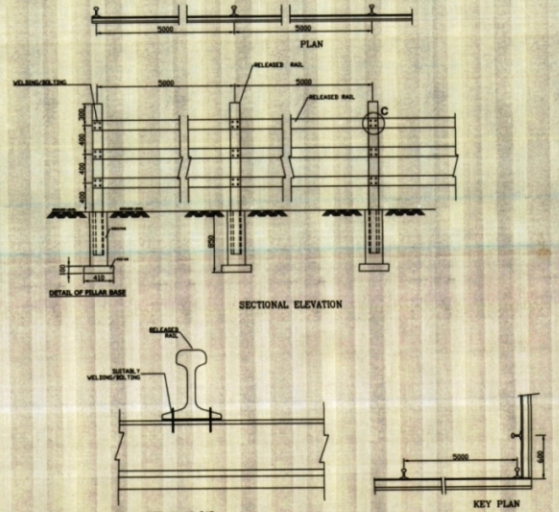
(WITH RELEASED RAIL & RELEASED TIE BAR OR SIMILAR SECTION)



FIXING ARRANGEMENT OF HORIZONTAL ANGLE WITH RAIL

ALTERNATE NO. 2

(WITH RELEASED RAIL & RELEASED TIE BAR OR SIMILAR SECTION)



FIXING ARRANGEMENT OF RELEASED TIE BAR WITH RAIL

ALTERNATE NO. 3

(WITH RELEASED RAIL)

N.R. TYPE PLAN NO. F - 78

N.R.H.Q.E. PLAN NO. HQ/01/01/2012

NOTES:-

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. ALL C.C WORK SHALL BE MIX CONCRETE M-20 AS PER I.S:456-2000 CODE OF OF PRACTICE FOR PLAIN AND REINFORCED CONCRETE.
3. CONCRETING SHALL BE DONE IN ACCORDANCE WITH THE SPECIFICATIONS LAID DOWN IN IS:456-2000.
4. PROPER CURING OF CONCRETE TO ACQUIRE HARDNESS, STRENGTH AND OTHER PROPERTIES, ESSENTIAL FOR SATISFACTORY SERVICE SHALL BE ENSURED.
5. ALL CONCRETE SHALL BE MECHANICALLY MIXED AND VIBRATED.
6. FOR ERECTING RAIL POST, THE BOTTOM CONCRETE AS SHOWN IN FOUNDATION DETAIL SHALL BE LAID FIRST, THEN THE VERTICAL RAIL POST WILL BE ERECTED TRUE TO PLUMB AND THEREAFTER THE SURROUNDING CONCRETE WILL BE LAID.
7. ALT-1 :- MAY BE ADOPTED WHERE LIMITED RELEASED RAILS ARE AVAILABLE WITH TIE BARS OF 2770 MM LENGTH.
   ALT-2:- MAY BE ADOPTED WHERE RELEASED RAILS ARE NOT VAILABLE/AVAILABLE IN LIMITED QUANTITY, WITH SMALLER LENGTH TIE BARS.
   ALT-3:- MAY BE ADOPTED WHERE RELEASED RAILS ARE AVAILABLE IN ENOUGH QUANTITY.

CE/P&C		13.01.12	(N. K. SINHA)
DY.CE/P&C		13/1/12	(G.S.PATHAK)
AXEN/P&C			(O.P.DESHWAL)

NORTHERN RAILWAY

TYPE PLAN OF FENCING

DRAWN	DESIGN	SANCTION
(AJAY KUMAR)	(BIBHU CHANDRA)	(K.P.SINGH)

SCALE : 1:100, 1:50 & 1:25

H.Q. CASE NO. 205-W/0/104

CANCELS HQ PLAN NO.

N.R. TYPE PLAN NO. F - 78

N.R.H.Q.E. PLAN NO. HQ/01/01-2012

SNO	DATE	DESCRIPTIONS	INTIAL
		REVISION	