N.R.H.Q.E. PLAN NO. HQ/02/01-2012/R-1

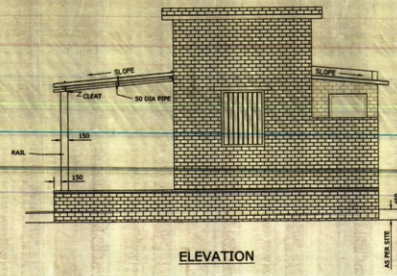
N.R.TYPE PLAN NO.:- O-91

THIS PLAN SUPERCEDES
N.R.H.Q.E. PLAN No.
HQ/02/02-2001/R1
TYPE PLAN No. O-87

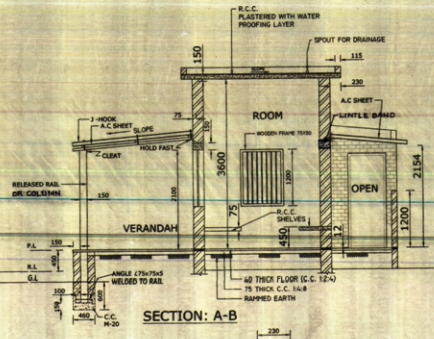
NOTES:-

1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. 230 THICK BRICK WORK TO BE IN CEMENT MORTAR 1:6.
3. EXTERNAL TREAT.MENT OF BUILDING SHALL BE BRICK POINTING IN CEMENT MORTAR 1:6.
4. INTERNAL TREATMENT OF BUILDING SHALL BE CEMENT PLASTER 1:6.
5. PLINTH BEAM WITH TWO COATS OF HOT BITUMEN ON TOP TO BE PROVIDED TO ALL WALLS.
6. MAXIMUM PRESSURE ON FOUNDATIONS : 10 TONNES/ SQ. m.
7. WHERE DOUBLING OF SECTION IS PROPOSED IN NEAR FUTURE DISTANCE 'D' SHOULD BE SUITABLY INCREASED.
8. AT CURVED ALIGNMENT LOCATION OF HUT SHOULD BE ON OUT SIDE OF CURVE.
9. LOCATION OF WINCH & LEVER FRAMES MAY BE PLACED SUITABLY AS PER SITE & IN THE VERANDAH.
10. THIS PLAN IS APPLICABLE TO ALL NEW CONSTRUCTIONS / REPLACEMENTS.
11. PLINTH LEVEL OF DUTY BUNK TO BE 450 ABOVE RAIL LEVEL.
12. ALL STEEL PIPES SHALL BE OF GRADE YSTS-ZZ CONFORMING TO IS: 1161-1979.
13. IS: 816-1969 SHALL BE FOLLOWED FOR ALL THE WELDING WORK.
14. THICKNESS OF STEEL PIPES SHOULD NOT BE LESS THAN 3.25MM.
15. ALL STEEL PIPES SHOULD BE PAINTED AS PER CLAUSE 6:3:2 OF IS: 806-1968.
16. FOR PERMISSIBLE STRESSES REFER IS: 806-1968.
17. PLINTH BEAM & LINTLE BAND TO BE PROVIDED TO ALL WALLS.
18. ALL R.C.C WORK SHALL BE IN NOMINAL MIX CONC.M-20 AS PER IS: 456-2000 CODE OF PRACTICE FOR PLAIN & REINFORCED CONC.
19. CONCRETING SHALL BE DONE IN ACCORDANCE WITH SPECIFICATIONS LAID DOWN IN IS: 456-2000.
20. HIGH YIELD STRENTH COLD TWISTED DEFORMED BARS SHALL CONFORM TO IS: 1786-1985.
21. PARTICULAR CARE MUST BE TAKEN TO ENSURE THAT:-
(i) NO SAG OCURS IN THE REINFORCING BARS DURING CONSTRUCTION.
(ii) STIRRUPS ARE EFFECTIVELY TIED WITH WIRE TO THE MAIN REINFORCING BARS.
22. IF RELEASED RAILS ARE NOT AVAILABLE ISMB 150 OR SIMILAR SECTION MAY BE USED.
23. THIS DRAWING IS TO BE ADOPTED WHERE DEPTH OF FORMATION IS UPTO 2M.
24. FOR FORMATION HEIGHT ABOVE 2M UPTO 4M SEE PLAN NO O-92 (HQ/10/08-2012)

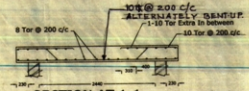
D= DISTANCE BETWEEN CENTRE OF TRACK TO FACE OF VERANDAH.



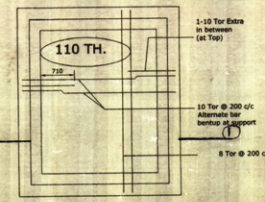
ELEVATION

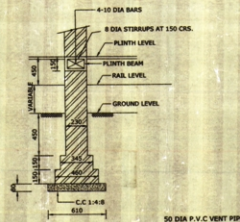


SECTION: A-B

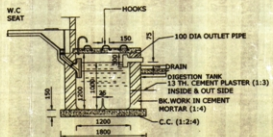


SECTION AT 1-1

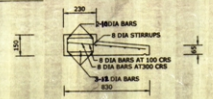




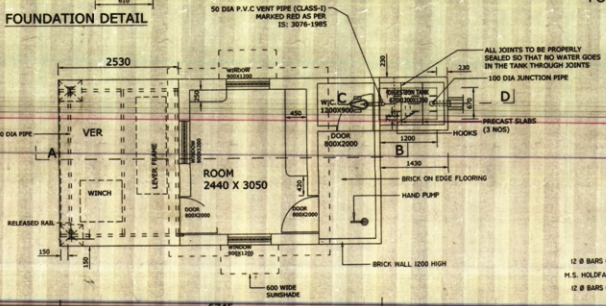
FOUNDATION DETAIL



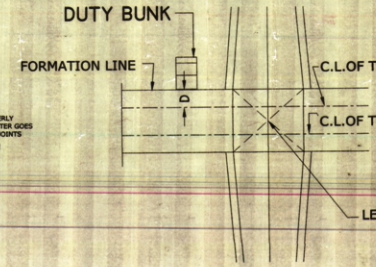
SECTION: 'C-D'
(CONNECTION OF W.C., SEAT & TANK)
AS PER N.R. TYPE PLAN No. Q-127/R1



SECTION OF LINTLE WITH CHAJJA

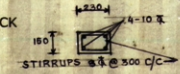


PLAN OF DUTY BUNK

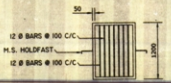


LAY OUT PLAN

PLAN
R.CC DETAIL OF SLAB



DETAIL OF LINTLE BAND



WINDOW GRILL

Sl. No.	DATE	REVISION	INITIAL
		(3) NOTE NO 23, 24 ADDED	(M.S.LAKHA) CE/HQ; G.S.Pathak 2.1.12 (G.S.PATHAK) DY.CE/P&D

उत्तर रेलवे
NORTHERN RAILWAY

मानक नक्शा ड्यूटी बंक
मानव सहित समपार के लिए

STANDARD PLAN OF DUTY BUNK FOR MANNED LEVEL X-ING

Scale:-

PLAN, ELEVATION, SECTION, LAY OUT PLAN, GRILL DETAILS

Case no. 43-w/1374

Cancels Plan no:- HQ/02/02-2001/R1

N.R.H.Q.E. Plan no. HQ/02/01-2012/R-1