NORTHERN RAILWAY.

DRAWING OFFICE ENGINEERING.

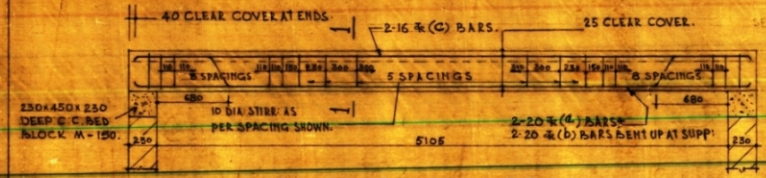
STANDARD PLAN OF REST ROOM FOR R.P.F. SANIKS.

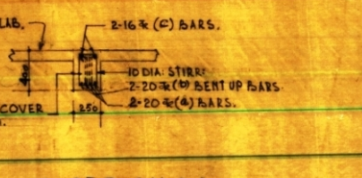
R.C.C. DETAILS.

SCALE:- 2 Cm & 4 Cm = 1 M. (1:50 & 1:25)
PLAN No. H.Q/4/78-0 (SHEET No. 2)
CASE No. 318-W/131/WKS.

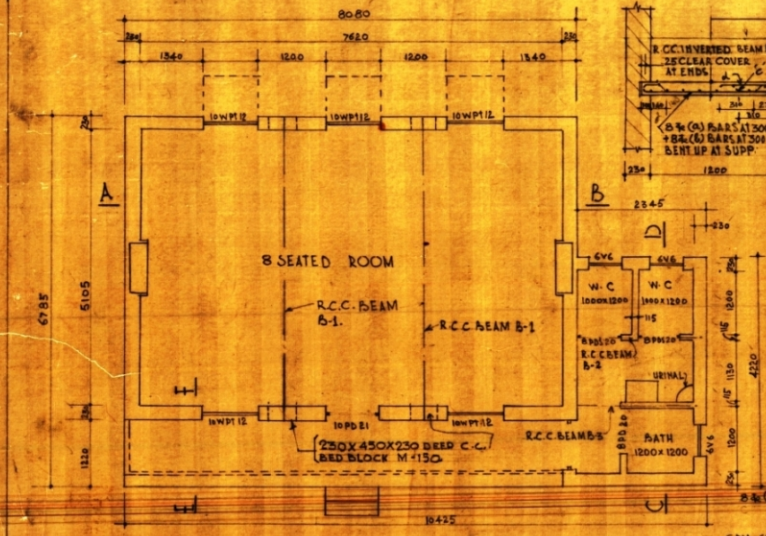
N. R. TYPE No. 0-76

SECTION ON A-B.

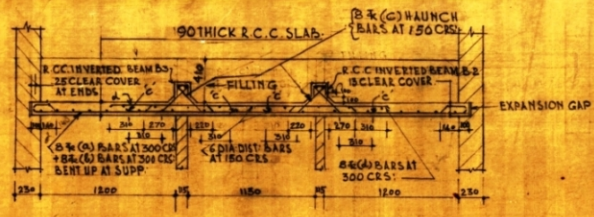




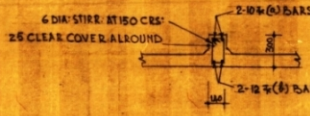
L-SEC: OF 400×250 R.C.C. BEAM B-1



X-SECTION 1-1



SECTION ON C-D.



DETAILS OF 300×1400 R.C.C. INVERTED BEAMS B2 & B3.

PLAN

SECTION ON E-F

TYPICAL SEC: OF CONCEALED BEAM TO BE PROVIDED BELOW 115 THICK WALLS DIRECTLY RESTING ON FLOOR SLAB

NOTES:-

1. FOR GENERAL ARRANGEMENT SEE N.R.H.Q.E. PLAN No. H.Q/4/78-0.
2. TESTED MILD STEEL PLAIN BARS SHALL BE AS PER INDIAN STANDARD CODE 432 (GRADE I) AND THE HIGH YIELD STRENGTH COLD TWISTED DEFORMED BARS TO BE USED SHALL BE CONFORMING TO I.S. CODE 1786.
3. ALL R.C.C. WORK WILL BE IN ORDINARY GRADE OF CONCRETE M-150 AS PER INDIAN STANDARD CODE MIX: SHALL BE DESIGNED BY THE DIVISIONAL ENGINEER TO SUIT THE STRENGTH.
4. LENGTH OF SPLICE WHERE BARS OBTAINED ARE OF SHORTER LENGTH MUST NOT BE LESS THAN 69 TIMES DIA. OF BAR.
5. CONCRETING SHALL BE DONE IN ACCORDANCE WITH THE SPECIFICATIONS LAID DOWN IN INDIAN STANDARD CODE 456 CODE OF PRACTICE FOR REINFORCED CONCRETE CONSTRUCTION.
6. COVER OVER REINFORCEMENT IS NO WHERE LESS THAN THAT SHOWN ON THE PLAN OR AS GIVEN IN INDIAN STANDARD CODE 456.
7. PARTICULAR CARE MUST BE TAKEN TO ENSURE THAT:-
   (a) NO SAG OCCURS IN REINFORCING BARS DURING CONSTRUCTION.
   (b) STIRRUPS SHOULD BE EFFECTIVELY TIED WITH WIRE TO MAIN REINFORCING BARS.
8. PROPER CURING OF CONCRETE TO ACQUIRE HARDNESS STRENGTH AND OTHER PROPERTIES ESSENTIAL TO SATISFACTORY SERVICE MUST BE ENSURED.
9. ALL CONCRETE WILL BE MECHANICALLY MIXED & VIBRATED.
10. EXPANSION GAPS TO BE FILLED UP WITH BITUMEN EXPANSION BOARD.
11. FOR R.C.C. DETAILS OF LINTELS AND CHAJJAS OVER DOORS AND WINDOWS NOT SHOWN IN THIS DRG: REFER N.R.H.Q.E. PLAN No. 6089 & PLAN No. H.Q./27/76.

DRAWN:- Sum Cash	CHECKED:- Sharma	HD. DIMAN:- Sharma	
C.D.A. Basis	C.D.O.:-	COMP:-	

Recommended 15/5/78
(R.S. GUPTA)
A.E.N. (P&D)

Approved 15/5/78
(S.M. MITAL)
DY. C.E. (P&D)