

NORTHERN RAILWAY

DRAWING OFFICE ENGINEERING

SIGNAL CABIN
FROM 14 TO 49 LEVEL
WITHOUT BALCONY (1935 TYPE)
(PROVISIONAL)

R.C.C. DETAILS OF STAIR CASE

SCALE: $\frac{1}{4}$, $\frac{3}{8}$ = 1 FT.

N.R.H.Q.E. PLAN NO 5460 (SHEET NO 3)

TYPE PLAN NO O-62

CASE NO D.O.E./948 LOOSE

NOTES:-

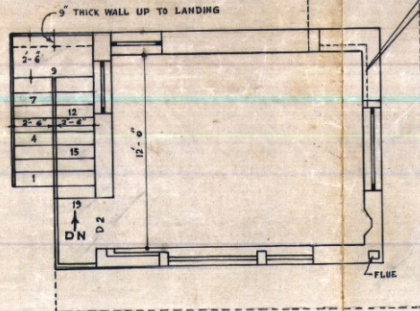
1. FOR GENERAL PLAN SEE N.R.H.Q.E. PLAN NO 5460 SHEET NO 1/R.
2. PARTICULAR CARE MUST BE TAKEN TO ENSURE THAT:
(a) COVER OVER REINFORCEMENT IS 40 MM LESS THAN THAT SHOWN ON THE PLAN OR GIVEN IN INDIAN STANDARD CODES IS 456
(b) NO SAG OCCURS IN REINFORCING BARS DURING CONSTRUCTION.
3. ALL R.C.C. WORK MUST BE CARRIED OUT UNDER THE PERSONAL SUPERVISION OF AN EXPERIENCED ENGINEER.
4. PROPER CURING OF CONCRETE TO ACQUIRE HARDNESS, STRENGTH AND OTHER PROPERTIES ESSENTIAL TO SATISFACTORY SERVICE MUST BE ENSURED.
5. LENGTH OF SPLICE WHERE BARS OBTAINED ARE OF SHORTER LENGTH MUST NOT BE LESS THAN 59 D.
6. SPLICE SHOULD NOT BE GIVEN AT SUPPORTS OR AT CENTRE OF SPAN BUT PREFERABLY AT ABOUT QUARTER SPAN POINT.
7. PROPER FORMS SHOULD BE USED FOR ALL R.C.C. WORK TO ENSURE WATER TIGHTNESS.
8. TESTED MILD STEEL PLAIN BARS SHALL BE AS PER I.S. 226.
9. BENDERS TO BE EFFECTIVELY TIED WITH WIRE TO MAIN REINFORCING BARS.
10. ALL CONCRETE WILL BE MECHANICALLY MIXED & VIBRATED.
11. THE R.C.C. WILL BE IN M-150 ORDINARY GRADE CEMENT CONCRETE IN ACCORDANCE WITH THE SPECIFICATIONS LAID DOWN IN I.S. 456 CODE OF PRACTICE FOR PLAIN & REINFORCED CONCRETE.

TRUE COPY

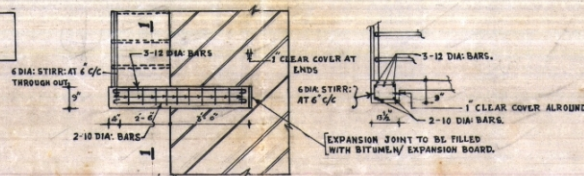
Sharma
S.D.O.E.

R.B. Gupta
15.3.90
A.E.N/P&D

CORNER WINDOW MAY BE PROVIDED WHEN LEVEL WINDOW IS WITHIN 100 FT FROM THE CABIN.

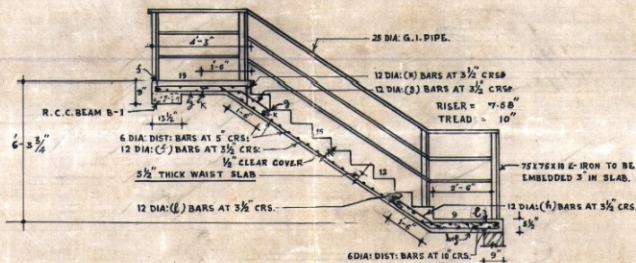


FIRST FLOOR PLAN



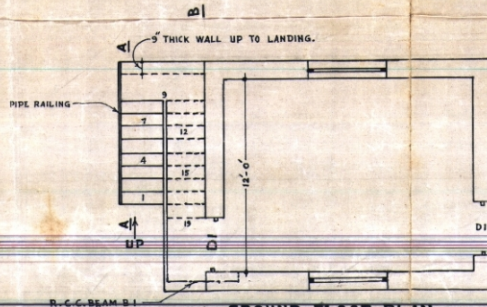
L-SEC: OF 9" X 13 1/2" R.C.C. BEAM X-SEC: ON 1-1

B-1

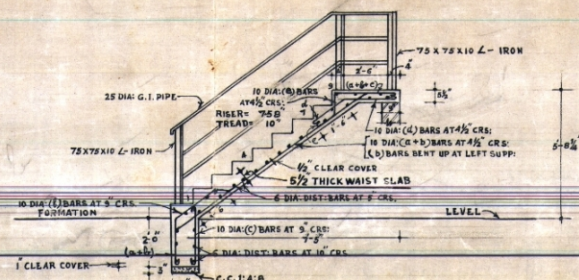


SECOND FLIGHT

SEC: ON B-B



GROUND FLOOR PLAN



FIRST FLIGHT

SEC: ON A-A

DRAWN:- GURNAM SINGH	COMPU: D. C. BHAGAT	H.D./D.MAN:- S.P. SHARMA	TRACED:-
CHECKED:- S.P. SHARMA	C.D.D. KIMATHANAND	C.D.A. V.P. BAJAJ	COMPARED:-

Sd/- A.K. MULCHANDANI A.E.N/P&D	Sd/- Y.K. KOCHHAR S.E.N/DESIGN	Sd/- A.M. BHATTACHARYYA FOR C.E.
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