NORTHERN RAILWAY

DRAWING OFFICE ENGINEERING

TYPE PLAN
TEA STALL ON OPEN PLATFORM

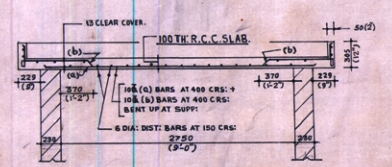
TYPE NRO-71

R.C.C. DETAILS

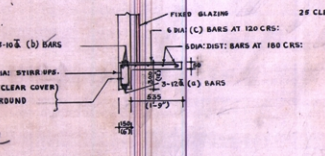
SCALES:- 1:25 & 1:50 & 1:10

PLAN No. HQ-35-70 (SHEET No. 2)

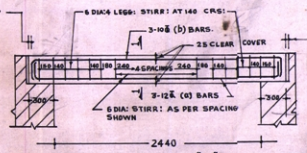
CASE No.:-



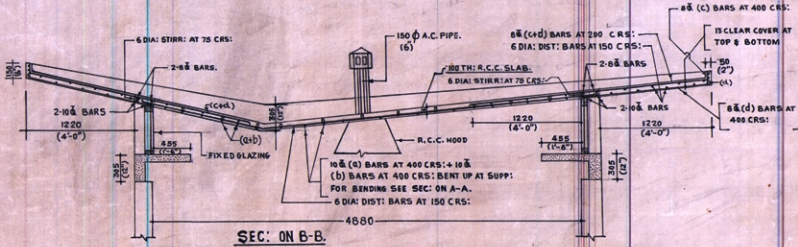
SEC: ON A-A



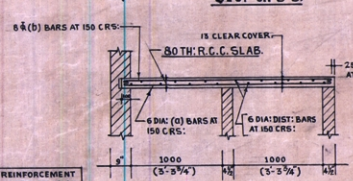
SEC: ON 1-1



L-SEC: OF 300 X 150 (12"X6") R.C.C. LINTEL "L1"

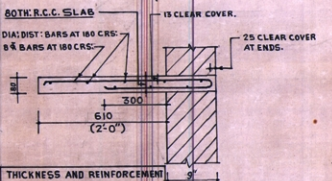


SEC: ON B-B.



THICKNESS AND REINFORCEMENT DETAILS FOR COUNTER SLAB ON OTHER SIDE WILL BE THE SAME AS SHOWN IN SEC: ON C-C.

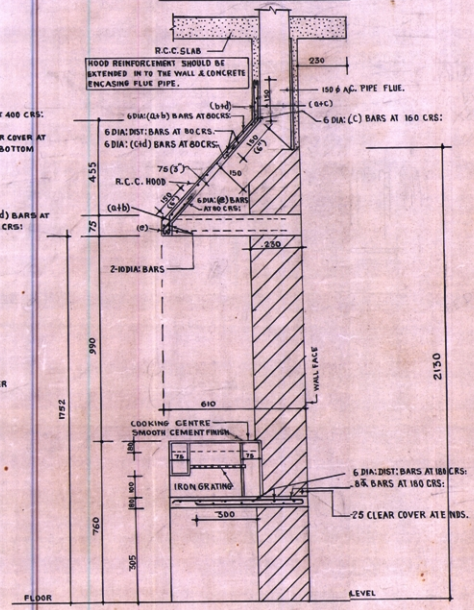
SEC: ON C-C.



THICKNESS AND REINFORCEMENT DETAILS FOR WORKING SHELF WILL BE THE SAME AS SHOWN IN SEC: ON D.D.

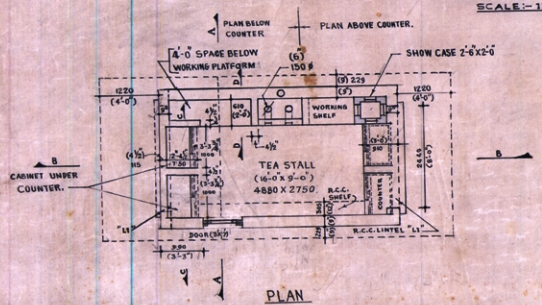
SEC: ON D-D

SCALE:- 1:10



SECTION SHOWING REINF: DETAILS OF HOOD AND COOKING SLAB.

SCALE:- 1:10



PLAN

SCALE:- 1:50

TRUE COPY

C.D.A. 25/5/72

A.E.N./D.O.E.I

DRAWN	Sd/- UGGAR SEN	CHECKED	Sd/- SHANTI PARUGH	HD. D/MAN	Sd/- S.P. SHARMA
DELT	Sd/- SURJIT SINGH	C.D.D.	Sd/- R.B. GUPTA 10/5	C.D.A.	Sd/- H.S. HANSPAL 10/5/72

TRACED

COMPARED

Sd/- 22/5/72	Sd/- 19/5/72	Sd/- 23/5/72
A.K. MULCHANDANI	Y.K. KOCHHAR	G.C. MOORJANI
A.E.N. (P&D)	X.E.N./D (SPL.)	DY: C.E. (P&D)

NOTES:-

1. FOR GENERAL ARRANGEMENT SEE N.R.H.O.E. PLAN NO:- HQ-35-70
2. PARTICULAR CARE MUST BE TAKEN TO ENSURE THAT:-
   (i) COVER OVER REINFORCEMENT IS NO WHERE LESS THAN THAT SHOWN ON THE PLAN OR AS GIVEN IN INDIAN STANDARDS CODE 456.
   (ii) 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. STIRRUPS SHOULD BE EFFECTIVELY TIED WITH WIRE TO MAIN REINFORCING BARS.
6. LENGTH OF SPLICE WHERE BARS OBTAINED ARE OF SHORTER LENGTH MUST NOT BE LESS THAN 69 TIMES THE DIA OF BARS.
7. ALL CONCRETE WILL BE MECHANICALLY MIXED AND VIBRATED.
8. SPLICE SHOULD NOT BE GIVEN AT SUPPORTS OR AT CENTRE OF SPAN BUT PREFERABLY AT ABOUT QUARTER SPAN POINT.
9. EXPANSION GAPS TO BE FILLED UP WITH BITUMEN/EXPANSION BOARD.
10. CONCRETING SHALL BE DONE IN ACCORDANCE WITH THE SPECIFICATIONS LAID DOWN IN INDIAN STANDARD CODE 456, CODE OF PRACTICE FOR REINFORCED CONCRETE CONSTRUCTION.
11. HIGH YIELD STRENGTH COLD TWISTED DEFORMED BARS AS PER INDIAN STANDARD CODE 1786-1966 SHALL BE USED IN SLABS & LINTELS AND PLAIN BARS AS PER INDIAN STANDARD CODE 226 FOR STIRRUPS & DISTRIBUTION BARS.
12. ALL R.C.C. WORK WILL BE IN ORDINARY CONCRETE M-150 AS PER INDIAN STANDARD CODE 456. MIX: SHALL BE DESIGNED BY THE DY/ASSISTANT ENGINEER TO SUIT THE STRENGTH.
13. FOR DETAILS OF CHULLAH FLUE, HOOD AND ITS R.C.C. DETAILS SEE N.R.H.O.E. PLAN NO H.O:- 3/71 SHEET NO 1.