SHEET NOS-1

N.R.H.Q.E. PLAN No. HQ/19/12-94.

N.R. TYPE PLAN No. W-39. IN SHEETS SHEET No-1

NOTES:-

DIMENSIONS
1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. MAX. PRESSURE ON FOUNDATIONS 11 T/m².

FOUNDATION
3. IN CASE SOIL AT SITE IS NOT SAFE FOR THE ASSUMED SOIL PRESSURE THE FOUNDATIONS SHOULD BE SUITABLY ALTERED BY THE D.E.N. UNDER ADVISE TO HEAD QUARTERS OFFICE.

WALLS
4. 345 & 230 TH. BRICK WORK TO BE IN CEMENT MORTAR (1:6)

PLINTH
5. PLINTH LEVEL IS KEPT 450 ABOVE NATURAL GROUND LEVEL BUT IT SHOULD BE ENSURED THAT IT IS NOT LESS THAN 300 ABOVE THE CENTRE OF THE ROAD.

D.P.C.
6. 40 THICK CEMENT CONCRETE M15 D.P.C. WITH TWO COATS OF BITUMEN TO BE PROVIDED TO WALLS.

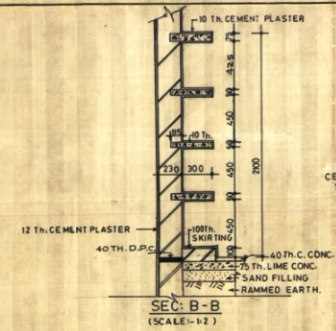
FLOORING
7. 40 THICK CEMENT CONCRETE FLOORING FINISHED SMOOTH TO BE PROVIDED THROUGH OUT THE BUILDING WITH 10 THICK AND 100 HIGH SKIRTING.

FINISHING
8. EXTERNAL TREATMENT OF THE BUILDINGS SHALL BE RULED POINTING OR CEMENT PLASTER (1:6).
9. INTERNAL TREATMENT OF BUILDING SHALL BE IN CEMENT PLASTER (1:6).

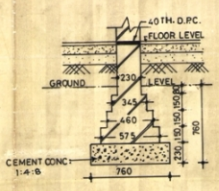
WINDOW
10. DOOR / WINDOWS SHALL BE AS / N.R. TYPE PLAN NO. T- 936 EXCEPT DOOR D1.
11. ALL WINDOWS TO BE PROVIDED WITH PLAIN GRILL.

GENERAL
12. EARTHING ARRANGEMENTS SHOULD BE AS PER LATEST CODE OF PRACTICE.
13. PROVISION OF DIESEL ENGINE ROOM TO BE MADE ONLY WHERE D.G. OIL ENGINE IS REQUIRED TO BE INSTALLED.
14. DOOR D1 TO BE PROVIDED ONLY WHERE DIESEL ENGINE ROOM IS PROVIDED.

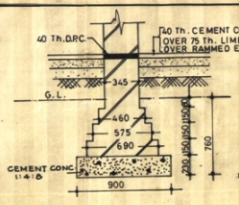
R.C.C.
15. FOR R.C.C. DETAIL SEE SHEET NO 2.



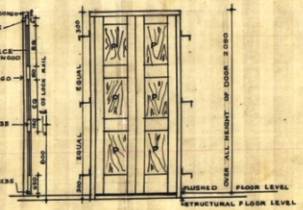
SEC: B-B
(SCALE:- 1:2)



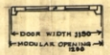
FOUNDATION OF 230 TH. WALL



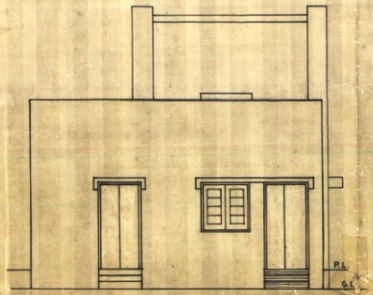
FOUNDATION OF 345 TH. WALL



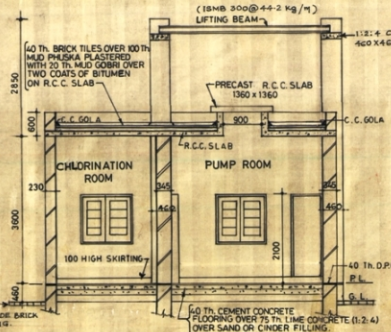
X-SEC ELEVATION



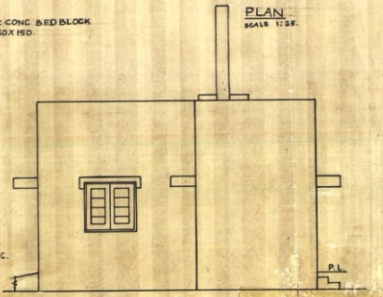
PLAN
SCALE 1:25.



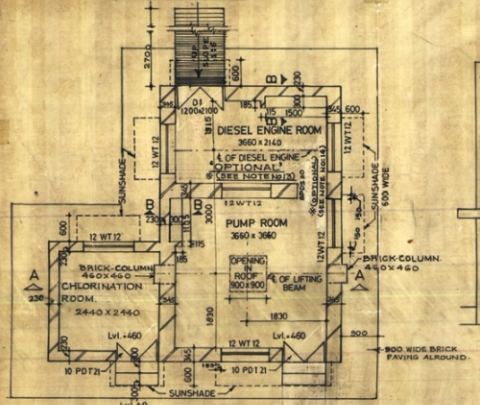
FRONT ELEVATION



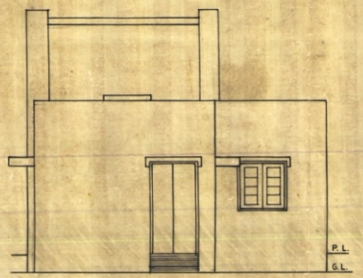
SECTION A-A



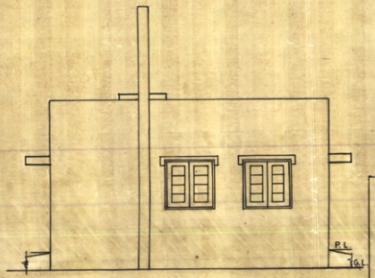
LEFT SIDE ELEVATION



PLAN



REAR ELEVATION



RIGHT SIDE ELEVATION

(M. A. UMAR) 16/11/94
CE/P&D

CEE/PS 23.9.94

(MRS CHAUHAN) 23.9.94
DYCE/P&D

(JUWAN LAL) 8.9.94
S.E.N.(P&D)

C.D.A.	C.D.M.	CHECKED	DRAWN
(M.P. DAVAL)	(P.S. GUPTA)	(A.K. GUPTA)	(SURYA)

NORTHERN RAILWAY
STANDARD PLAN
PUMP HOUSE

PLAN, SECTION, ELEVATION

SCALE:- 1:50
CASE No.
CALCULATION No.
CANCELS PLAN No.

No.	DATE	DESCRIPTION	INITIALS

REVISIONS

N.R.H.Q.E. PLAN No. HQ/19/12-94. SHEET NO 1.