N. R. TYPE O-46 SHEET NO 2

TYPE DESIGN FOR 12 & 18 FT RUNNING ROOMS R.C.C. DETAIL OF LINTELS & LINTEL CUM CHHAJJA

SCALE :- ½", 1" = 1'

CASE NO 200 N/O

DIRECTORATE NO 3/49

CANCELS TYPE

REVISIONS			
NO	DESCRIPTION	INITIAL	

½ U.S. NO 20-56
FOR CHIEF ENGINEER

½ D.M. MEHTA
A.E.N. (P.W.D.)

½ D.M. MEHTA
A.E.N. (P.W.D.)

TRUE COPY

A.E.N. (P.W.D.)

NOTES:-

1 FOR GENERAL ARRANGEMENT SEE N.R. TYPE O-46 SHEET NO 1
2 ALL R.C.C. WORK SHOULD BE CARRIED OUT UNDER THE PERSONAL SUPERVISION OF A GAZETTED OFFICER.
3 MATERIALS USED MUST BE TESTED TO ENSURE THAT
(a) THE CONCRETE REINFORCEMENT IS NOWHERE LESS THAN THAT SHOWN ON THE DRAWING.
(b) NO SAG OCCURS IN REINFORCING BARS DURING CONSTRUCTION.
4 STIRRUPS TO BE EFFECTIVELY TIED WITH THE MAIN BARS TO MAIN REINFORCEMENT.
5 PROPER CURING OF CONCRETE TO ASSURE MAXIMUM STRENGTH AND DURABILITY SHOULD BE INSURED AND
6 LENGTH OF SPACE WHERE BARS ANCHORED AS PER SPECIFIED LENGTH MUST NOT BE LESS THAN 45 D
7 ON SLAB SHOULD NOT BE GIVEN AT UNDER CUT IN THE CENTRE OF SPANS BUT PREFERABLY AT ABOUT QUARTER SPAN POINT.
8 BY WORKS TESTS MIN. COMPRESSION STRENGTH AT 28 DAYS SHALL BE 2250 LBS PER □" FOR STANDARD CUBE
9 CONFORMANCE OF STRENGTH TEST SHOULD CONDITIONS BE CARRIED OUT TO ENSURE THE ABOVE STRENGTH
10 CEMENT CLINKER, SAND & METAL SHALL NOT BE USED
11 SAMPLE OF AGGREGATE SHOULD BE TESTED BEFORE STARTING THE CONCRETE WORK IN ORDER TO ASSESS ECONOMICAL MIXES FOR THE ABOVE STRENGTH.
12 ALL CONCRETE WILL BE MECHANICALLY VIBRATED AND MIXED.

12"×13½" R.C.C. LINTEL Ⓒ OVER FRONT VERANDAH OPENINGS.

CROSS SECTION

R.C.C. LINTEL Ⓕ FOR 10' OPENING

CROSS SECTION

15"×13½" R.C.C. LINTEL Ⓑ OVER REAR VERANDAH OPENINGS.

CROSS SECTION

R.C.C. LINTEL Ⓓ BETWEEN VERANDAH & CORRIDOR

CROSS SECTION

12"×13½" R.C.C. LINTEL Ⓐ OVER OPENINGS IN CORRIDOR

CROSS SECTION

LINTEL OVER WINDOW W2 BETWEEN VER: & LOUNGE

CROSS SECTION

PLAN

LINTEL OVER W2 WINDOW

CROSS SECTION

LINTEL OVER W3A WINDOW

CROSS SECTION

LINTEL OVER DOOR D2
(BETWEEN CORRIDOR & OFFICE)

CROSS SECTION

LINTEL OVER W3 WINDOW

CROSS SECTION

LINTEL OVER DOOR D1

CROSS SECTION

12"×13½" R.C.C. LINTEL Ⓑ
OVER SIDE OPENING OF VERANDAH

CROSS SEC: FOR 8½ OPENING

CROSS SEC: FOR 6-3" OPENING

LINTEL OVER SPANS BELOW 4-0"
EXCEPT W1

CROSS SECTION

12"×13½" R.C.C. LINTEL Ⓔ FOR SIDE OPENINGS OF VERANDAH

CROSS SECTION

LINTEL OVER W1 WINDOW

CROSS SECTION

COMPUTED BY:-	SH. S. MOHAN
DRAWN BY:-	SH. A.M. SINGH
CHECKED BY:-	SH. OMKAR SINGH
TRACED BY:-	SH. Mohamad
COMPARED BY:-	SH. [illegible]