

# SPECIFICATION

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## Foundation :

Width of foundation as per design for the three storied construction & depth of foundation from P.L. 1.00 M. ordinary soil for load bearing walls shall be provide.

## Foundation Concrete

Lean cement concrete 1:6:12 with 1 part cement, 6 part coarse sand ( F.M. 2.20 to 3.60) sand & 12 part 40 mm gauge class-150 brick ballast shall be provided. The thickness shall be 15 cm. after compaction.

## Damp Proof Coarse

The earth quake RCC band of 7.5 cm. thickness shall be provided in the place of damp proof course the RCC shall be in 1:1½:3 ratio with 1 part cement 1½ part coarse sand of F.M. 2.20-3.60 and 3 part stone grit of 20 mm gauge.

## Height of Plinth

60 cm. from crown of the road.

## Brick work in Foundation

*single rerved pile in m-250, as per DSR*  
Class-150 brick work in 1:6 cement and coarse sand F.M. 1.50 to 2.00 mortar shall be provided.

## Brick work in Super Structure

Same as in foundation & plinth upto 23 cm. thickness and 7.50 cm. thick wall shall be in 1:3 cement and coarse sand mortar and 11.5 thick wall shall be in 1:6 cement and coarse sand mortar ( F.M. 1.50 to 2.00 )

## Lintels and Chajjas

RCC lintels and sunshades wherever required shall be provided as per design along with eath quake RCC bend at lintel level. The RCC shall be in 1:1½:3 ratio with 1 cement: 1½ coarse sand of F.M. 2.20 to 3.60 and 3 part of 20 mm gauge stone grit.

## Roof Slab

RCC slab as per design shall be provided in 1:1½:3 ratio.

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Door and Window Chaukhats :

Angle iron 35x35x5 mm chaukhats will be provided as follows:

Door and Window Shutters :

- (I) 30 mm thick flush door shutters shall be provided for outer doors only  
(II) M.S. flat grill as per design shall be provided for windows and ventilators opening.

Roof Treatment

Brick Coba Treatment shall be provided on the roof surface of houses.

Plastering

Inside: 1:6 cement and coarse sand mortar with 1.50 to 1.75

Outside: 1:6 cement and coarse sand mortar with 1.50 to 1.75

Outer Finishing

Two coat of water proofing cement paint over one coat of white cement of approved quality shall be provided.

Internal Finishing

Two coat of white cement of approved quality shall be provided.

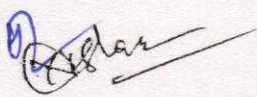
Painting

One coat of primer shall be provided on door, windows and grills.

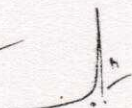
Miscellaneous Civil Work

- (I) Apron 450cm. wide plain C.C. 1:2:4 over 8 cm. thick base concrete in 1:6:12 ration

To disposal of rain water 10cm. dia PVC pipe to be laid for open and where rain water pipe is concealed 10cm. dia C.I. pipe shall be used.



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