



FIG -1 OVERALL ARRANGEMENT OF REINFORCING MASONRY BUILDING

FIG-2 OVERALL ARRANGEMENT OF REINFORCING MASONRY BUILDING HAVING PITCHED ROOF

5. MORTAR, SUCH AS THOSE GIVEN IN TABLE - 4 SHALL BE USED FOR MASONRY CONSTRUCTION FOR VARIOUS CATEGORIES OF BUILDINGS.

TABLE -4: RECOMMENDED MORTAR MIXES

CATEGORY OF CONSTRUCTION	PROPORTION OF CEMENT LIME - SAND
(1)	(2)
B ,C	M2 (CEMENT - SAND 1:6) OR RICHER
D,E	H2 (CEMENT-SAND 1:4) OR RICHER

* MORTAR GRADES AND SPECIFICATION FOR TYPES OF LIME ETC, ARE GIVEN IN IS:1905-1987

6. LINTEL BAND IS A BAND PROVIDED CONTINUOUSLY AT LINTEL LEVEL ON ALL LOAD BEARING INTERNAL, EXTERNAL, LONGITUDINAL AND CROSS WALLS.

7. ROOF BAND IS A BAND PROVIDED IMMEDIATELY BELOW THE ROOF OR FLOOR SLABS ON ALL WALLS.

8. GABLE BAND IS A BAND PROVIDED AT THE TOP OF GABLE MASONRY BELOW THE PURLINS. THIS BAND SHALL BE MADE CONTINUOUS WITH THE ROOF BAND AT THE EAVES LEVEL.

9. PLINTH BAND IS A BAND PROVIDED AT PLINTH LEVEL OF WALLS ON TOP OF THE FOUNDATION WALL.

10. LINTEL BAND, ROOF BAND, GABLE BAND AND PLINTH BAND SHALL BE MADE OF REINFORCED CONCRETE OF GRADE M25 AND REINFORCED WITH STEEL, AS INDICATED IN TABLE 5 AND SHOWN IN FIG.3 AND FIG.4

1	24-04-06	CORRECTED UPTO DATE	<i>[Signature]</i>	<i>[Signature]</i>
SNO.	DATE	DESCRIPTION	T.O. INITIAL	DIR(D) INITIAL
REVISIONS				
DATE	31-03-06	CHIEF ENGINEER JALANDHAR ZONE		
DRN	RENUKA	SEISMIC PROVISIONS		
TCD				
CKD				
SCALE	AS SHOWN			
SHT. SIZE	A3	SEISMIC STRENGTHENING MEASURES IN MASONRY BUILDINGS		
<i>[Signature]</i> (DEVI SINGH) TECH.OFFICER AAD (ARCH)		DRG. NO.	SHEET NO.	
<i>[Signature]</i> (YOGESH K SINGHAL) SE DIRECTOR (DESIGN) FOR CHIEF ENGINEER		DRG NO CEJZ / STD-216/06	2/8	