

Safer City, Safer Residents



It may happen again



Seek advise to build safer city

For more information and guidelines please contact:

For practical demonstrations please contact: For technical assistance please contact:

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Is this a safe house??

heavy roof

unbalanced shape and layout



big openings

unnecessary fancy columns

Get advice before
constructing your
house



1 Shape and Configuration:



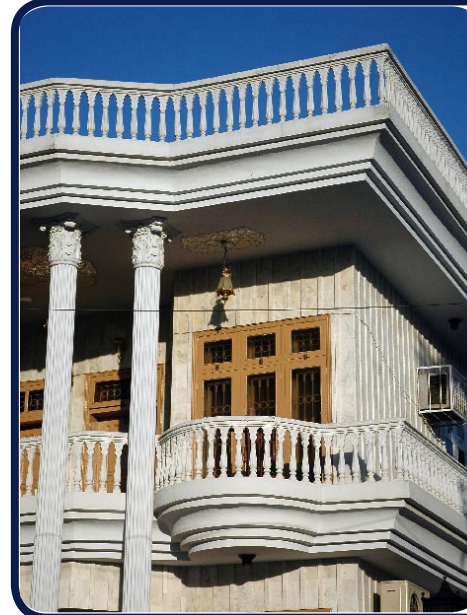
- Keep your house shape and layout simple and balanced.
- Where it is unbalanced there is a stress in earthquake.
- Where there is a stress, there will be cracks in earthquake. Where there are cracks building will collapse.
- If your house shape is wrong, even good construction will not make it safe.

2 Openings:



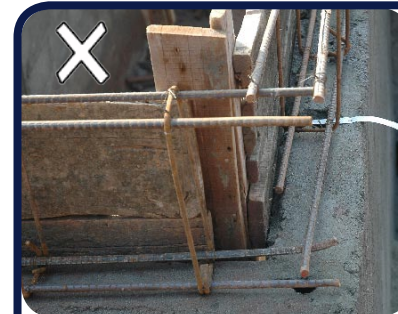
- House should have small number of openings.
- House must have enough solid walls to be strong in as earthquake.
- Openings (Windows and doors) should be of small size

3 Invest money in structure rather than in fancy decorations:



- Invest more in good quality reinforcement material to strengthen the house.
- Do not invest in fancy finishes and additions
- These fancy decorations are dangerous in earthquakes. Parapet walls and other fancy features can fall off easily in earthquakes.
- Make sure you have real columns in the walls instead.

4 Supervision/ Training:



- Make sure your artisans are trained
- Make sure your site has good engineering supervision
- Errors in workmanship could cost you your life.