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N.B. : The serial number assigned to the buildings has been kept as received by Shimla Municipal Corporation. Thus some of the serial numbers are missing since buildings were either missing/duplicate/survey could not be carried out.

Layout for the Fig. numbering of Masonry Buildings

1. Layout of masonry: (a) Random rubble (b) Half-dressed stone (c) Brick Masonry
2. Mortar used: (a) Mud mortar (b) Cement mortar (c) Lime mortar
3. Earthquake resistant features provided in the building:
 - (i) Bands: (a) Plinth (b) Sill (c) Lintel (d) Roof (e) Cannot say_____
 - (ii) Vertical reinforcement at: (a) Corners (b) Junctions (c) Jambs of Openings
 - (iii) Wall Bracings
 - (iv) Through stone (*Tick in case of Stone masonry*): (a) Provided
 - (v) For Sloping roof: (a) Ties (b) Bracing (c) Roof and Gable band
4. Percentage openings in main walls: _____
5. Thickness of: (a) Exterior wall _____ mm, (b) Interior wall _____ mm
6. Roof type: (a) Flat roof (b) Sloping roof (c) Hipped roof (d) Others specify_____
7. Roofing material: (a) RCC slab (b) Corrugated iron sheet (c) Stone Slates (d) Others_____

8. Irregularities in structure:-

S.No	Description
i	Re-entrant corner
ii	Diaphragm discontinuity
iii	Out of plane offsets (Floating walls)
iv	Non parallel system
v	Stiffness irregularity
vi	Mass irregularity
vii	Vertical geometry irregularity
viii	Staircase connectivity to building
ix	Bracing in roof
x	Open ground floor
xi	Floating wall
xii	Mezzanine Floor
xiii	Heavy mass at roof
xiv	Partially filled panels

9. Present status of the building

Fig.no.	Description
i	Whether Wall length/thickness Ratio <35 or Wall length>8m
ii	Wall cracks
iii	Masonry Column
iv	Wooden Column
v	Wooden Beam
vi	R.C.C Beam
vii	Wooden Floor

- viii R.C.C. Roof
 - ix R.C.C. floors
-

10. Nonstructural Components

Fig.no. Item if provided and stabilized against Earthquake.

- I Partition
 - ii Façade elements
 - iii False Ceilings
 - iv Brick parapets / pillars / planters etc.
 - v RC / Masonry/ plastic Water Tank on roof
 - vi Signs/display boards etc.
 - vii Almirah/Racks
 - viii Fire extinguisher
-

Layout for the Fig. numbering of RCC Buildings

1.0 Structural frame Types:-

Fig.no.	Description: Whether moment resistant frame – (RCF/SF) with :-
i	Ordinary design without Earthquake Resistant Design(ERD)
ii	Ordinary ERD and with ordinary in fill walls
iii	ERD ductile detailing provision
iv	ERD Ductile detailing provision, in fill wall shear walls and braces

2. 0. Description:

Fig.no.	
I	Soft storey
ii	Fire safety devices as per NBC-2005 in place
iii	Land slide prone site
iv	Any heavy mass not anchored to the structural system of Building
v	Infill masonry wall made with half brick walls or brick on edge walls
vi	Stair cases and elevators un-symmetrically placed in plan
vii	Plan aspect ratio of the building more than 2.5
viii	Situations to develop short column effect
ix	Floating columns or floating structural walls
x	Main load bearing columns are along the length of the building plan
xi	Beam-column supports/junctions centrally positioned in all floors
xii	Separation between the adjacent buildings is less than 2% height of building

3.0 Irregularities in structure:-

Fig.no	Description
i	Re-entrant corners
ii	Diaphragm discontinuity
iii	Out of plane offsets
iv	Non parallel system
v	Vertical (Stiffness) irregularity
vi	Staircase connectivity
vii	Dampness

4.0 Present status of Building (cracks to be entered):

Fig.no.	Description
i	Reinforcement corrosion
ii	RCC Column
iii	RCC Beam
iv	RCC Slab

5.0. Non-structural Building Components:

Fig.no	Items If provided and Stabilized against earthquake:
I	Partition
ii	Facade-elements
iii	False Ceilings
iv	Brick parapets/pillars/ planters etc.
v	RC/Masonry/Plastic Water Tank on roof
vi	Signs/display boards etc.
vii	Almirah/Racks
viii	Fire extinguisher