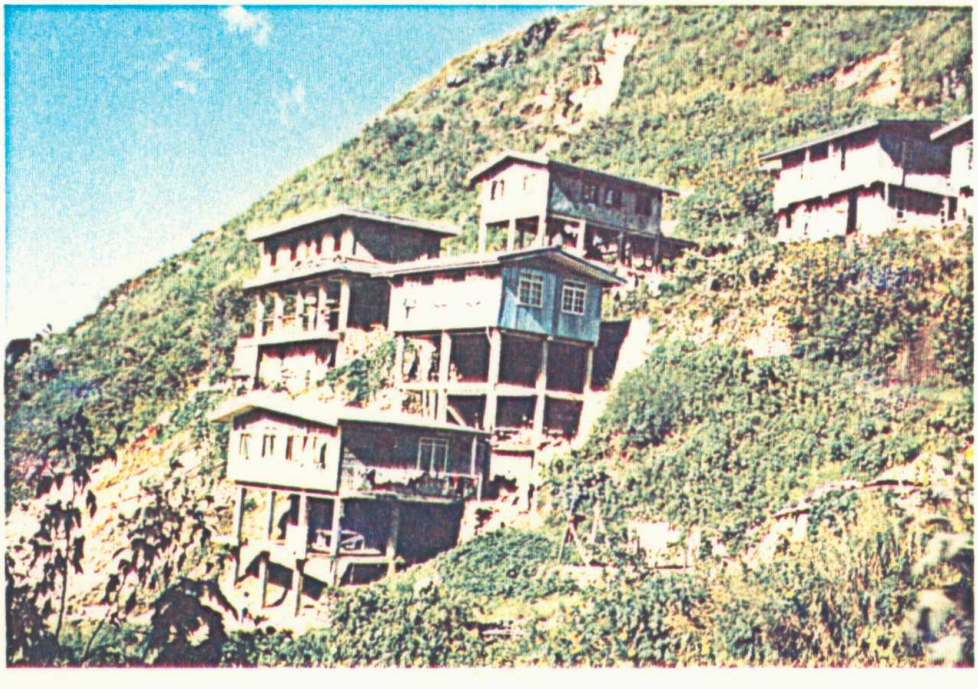
Photo 4.6 Typical village timber house with brittle and not integrated ground floor of block masonry. Damage and failure could be expected at large earthquake intensities.



Phote 4.7 Houses built on the slopes in La Trinidad with high damage potential and progressive failure.

Photo 4.8 Reinforced concrete framed houses (non-engineered construction) performed poorly in comparison with timber framed houses - here (Agoo) an r.c. structure has collapsed between two ligthly damaged timber framed structures.

Photo 4.9 Few timber framed houses collapsed due to the vibrational effects of the earthquake, but some were damaged by the collapse of neighboring r.c. buildings as shown here. (Baguio)

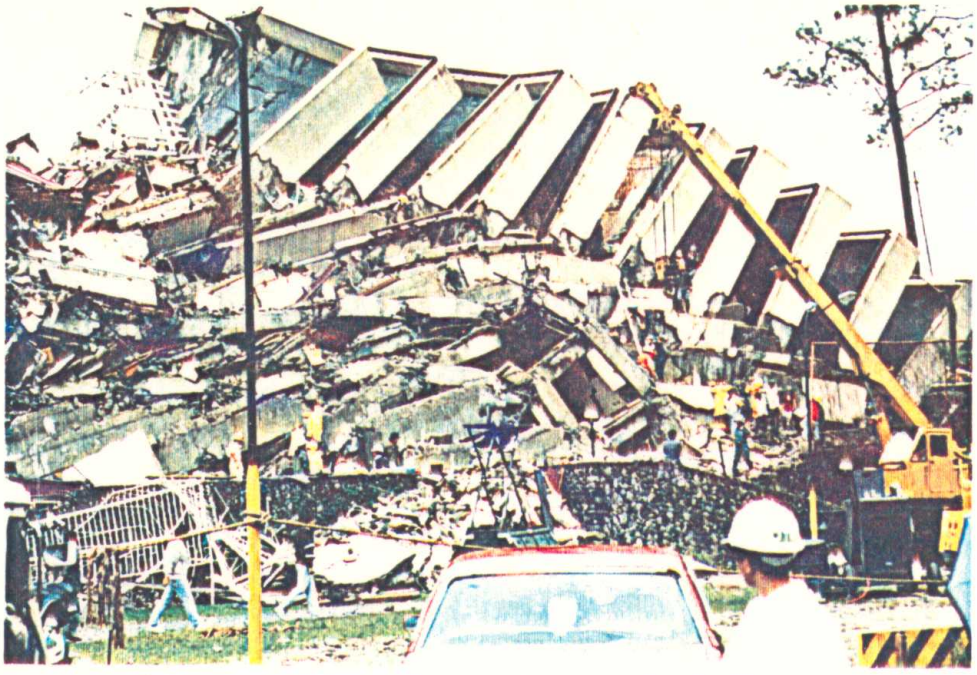


Photo 4.10 Largest 11 story building failure in Baguio City (Hyatt Terraces Hotel), mainly due to strong ground motions and inadequate conceptual earthquake resistance design of r.c. frame structural system.

Photo 4.11 Failure of seven story Park Hotel in Baguio City constructed as r.c. frame structure with brittle and non-adequate proportioning of column and beam sections.