













reduced to 57.71%; The use of bracing model 5 reduced structural response by 72.38%; Performance point of model 5 showed increase in shear force to 84.07% and a decrease in displacement to 52.63%. In this study, the performance level of the five building models is in immediate occupancy (IO).

The sequence of plastic hinge propagation is in accordance with the concept of the strong column weak beam. Plastic hinge formation didn't occur in the columns.

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