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(57) Abstract :

7. ABSTRACT A system (1) for designing of mono column multi-story structural building is disclosed wherein the said system comprising of conducting a literature review (2), preparation of plan using an auto-cad (3). Later manual designing of said system (4), conducting analysis using staad pro (5) further viewing the results (6) and concluding the shape (7) of the said mono column unit. The said single column structural system (1) is designed to withstand all the loads including earthquakes and wind loads. The performance at lateral displacements at different zone is analyzed. The behavior of the wind force on irregular shape under zones is recorded. The said system (1) requires less area for construction and provides more area for parking purpose and could provide maximum serviceability. The said system (1) could provide single column design for better architectural view. The Figure associated with the Abstract is Fig I.

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