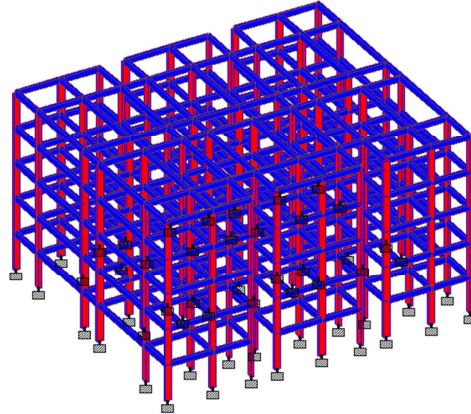




Scope includes Structural Design of

- 3 Blocks of each consisting of 45 Flats; Stilt+5
- Club House Building of 5 Floors consisting of Shopping complex, Multi-purpose Hall, Dining Floor, Gymnasium and Recreation Facility. Floor plan changes for every floor for architectural purpose.
- Infrastructural facilities



Project is located in moderate earthquake zone and coastal area with relatively loose sands. The Structure is designed for Seismic Zone-3 to IS:1893 and Wind Speeds of 50m/sec. Strip/Raft Foundations are adopted to support and safely transfer the superstructure loads to sub-strata. Structure is stabilized by RCC frames. Stilt-floor is supplemented by RCC Shear walls in addition to RC frames to cater for the soft-storey effects resulting from seismic loads.

Club House floor beams has spans of 8.4m and stabilized by RC frames in one direction and Shear walls in other direction.



Date: 2012

Client: Prasad Associates / Mannam Constructions

Height/No. of Floors: 18m / Stilt+5

Material of Construction: RCC

BUA: 215,000 SFT

Project Cost: ₹ 350 Millions

Firm's Responsibilities: Structural Design

