

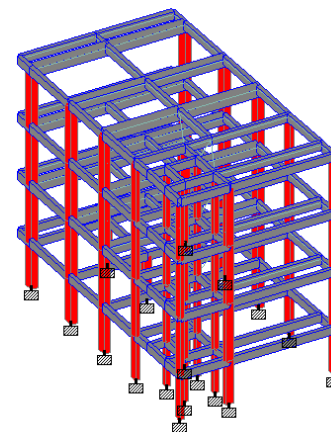
Begumpet Villa



SIE scope includes Structural designs for the proposed project.

This Building is of R.C.C. Structure of Storeys Stilt+2 for Residential purpose.

- The area of the Residential Building is 36'x 59' Approx.
- Columns are placed at a distance of 30' c/c in building width direction and 12' in other direction from parking considerations at Stilt level.
- In view of large span, Columns of 375mmx600mm and beams of 600 widex450mm deep were provided to provide a robust Structural frame.
- Designed for Seismic Zone-2 and wind speed of 44m/sec.
- Hard Strata is achieved at 7' from existing ground level at which Pad Footings are placed.
- Staad Models are developed for this Structure.
- RCC of M25 Grade is Provided and Steel of Grade Fe500 is Provided.
- OHT is provided by founding on Floating columns over the main frame beam.



Date: 2021 - 2023

Client: Mr. Suresh

Type: RCC

Firm's Responsibilities: Structural Designs and Drawings