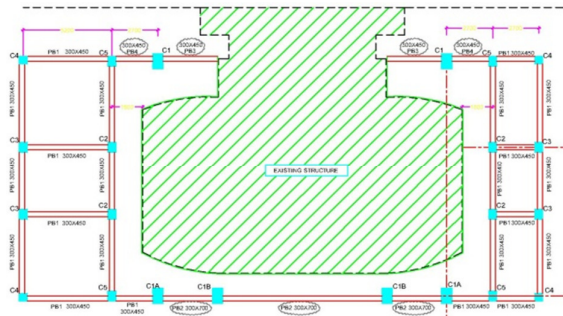


Vidyut Soudha Annex Extension

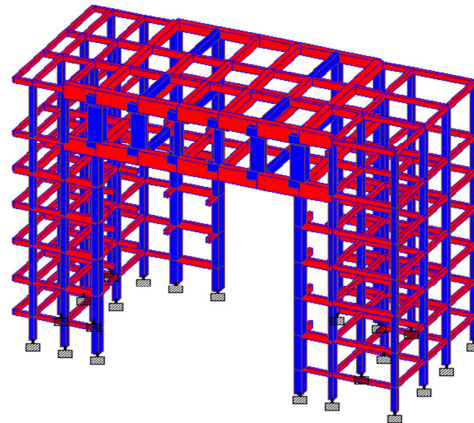


Vidyut Soudha Annex Extension include adding another 2 Floors on existing 4 Storey Building of 23mx13m.

SIE scope includes providing a safe structural design without imposing any additional load onto existing structure. Extension includes a Battery Room which is subjected to heavy imposed loading of 20kPa.

SIE advised New Structure encompassing the existing structure and consists:

- peripheral columns of size 600x900 around the building,
- grid floor beams covering column free area of 15mx35m
- virendeel girder to span 17m to reduce long term deflections.



Date: 2012

Client: AP Transco/Varun Sagar Constructions

Project Cost: 24 Millions

Type: Reinforced Concrete

Plan Dims: 15mx35m

Height / No.of Storeys: 24m / 6 Floors

Firm's Responsibilities: Structural Design