

Visakhapatnam, Andhra Pradesh, India

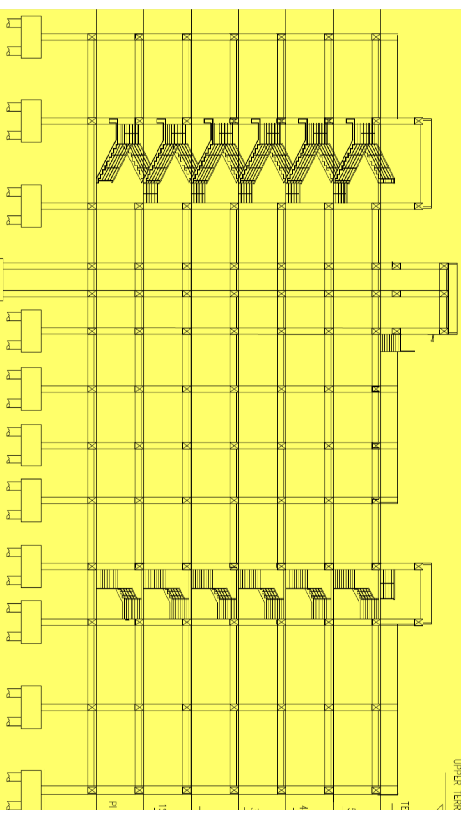
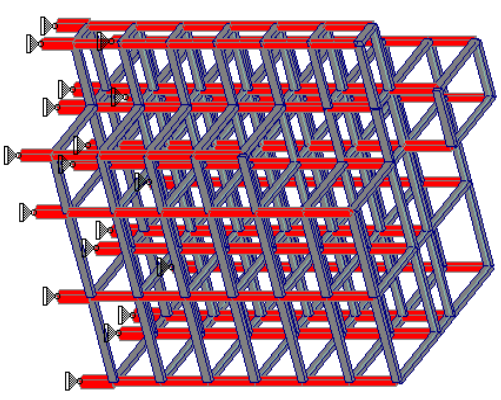
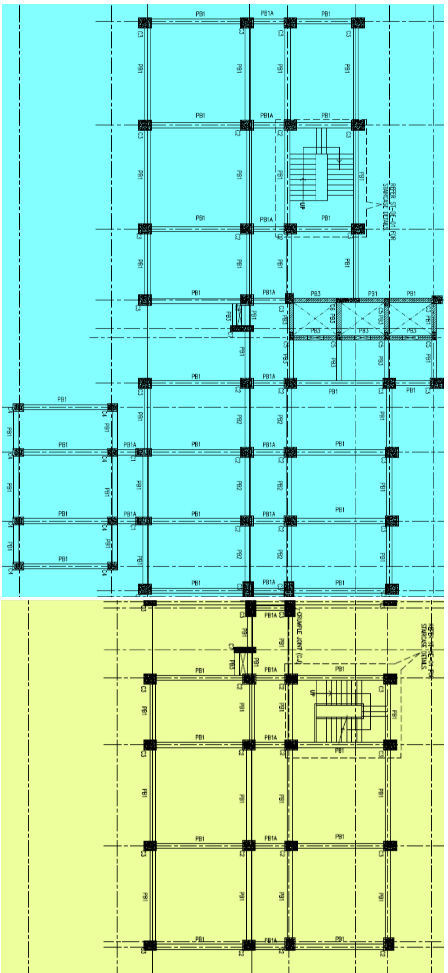
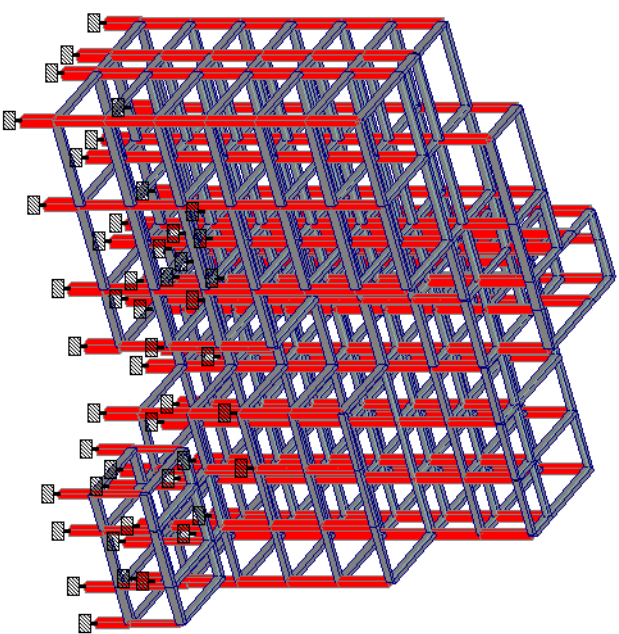
New Administrative Building at Indian Naval Shipyard Satavahana



This Building is a G+5+Terrace R.C.C. Structure. Ground floor is planned for Parking and entrance lobby whilst Upper floors consists of Office Accommodation. Building is of 53.7m x 21m approximately in plan.

In view of the length of the building; a movement joint is provided. Two Structural models are developed accordingly.

- Sub Soils are loose hence pile foundations are adopted. Piles of 600mm dia with 20.0 m depth are chosen.
- Though Project is located in Low Seismic zone, Wind Speeds are higher.
- Designed for Seismic Zone-2 to IS:1893 and Wind Speeds of 50m/sec with Cyclonic Factor.
- Being Coastal area enhanced cover to the reinforcement is provided to achieve adequate durability.



Date: 2019-Ongoing

Client: Chief Engineer (Navy), M.E.S.

Type: RCC

Responsibilities: Structural Designs &
Drawings