

Visakhapatnam, Andhra Pradesh, India.

Gas Cylinder Store House.



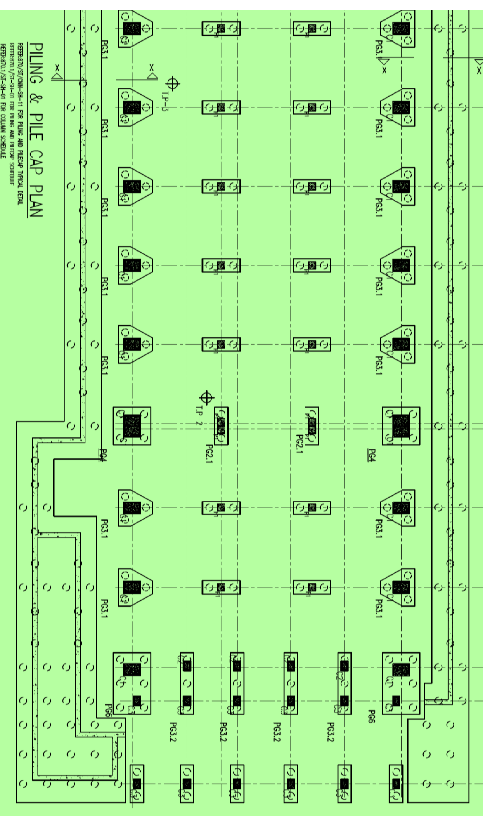
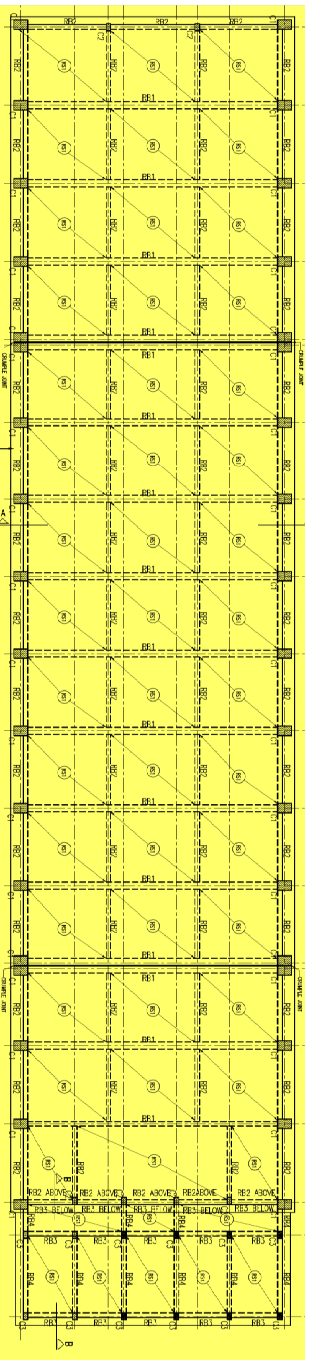
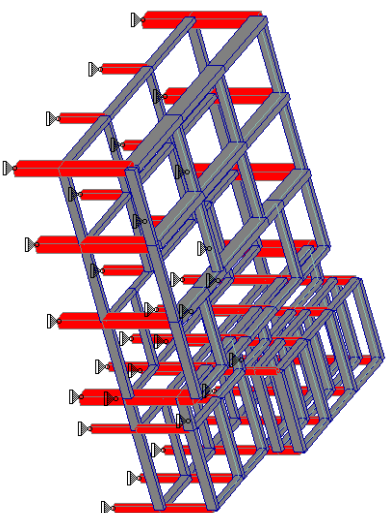
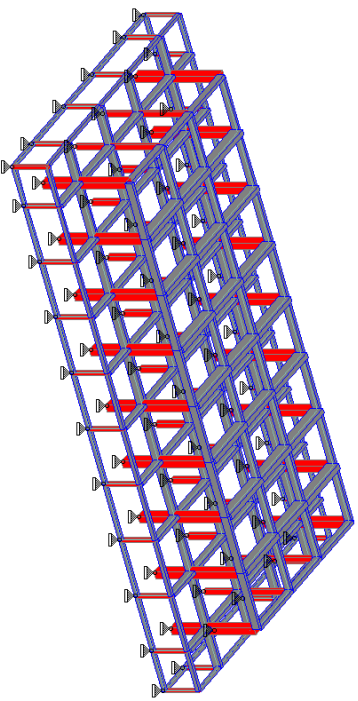
Scope of work includes Structural Design of following facilities:

- Gas Cylinder Store House
- Office Accommodation
- Pump House
- UG Sump

Gas Cylinder Store House is 4.5m height with 82m long and 17m wide column free space. 450X1075mm deep RCC beams are provided to cater for 17m spans.

Though Project is located in Low Seismic zone, Wind Speeds are higher being Coastal area. The Structure is designed for Seismic Zone-2 to IS:1893 and Wind Speeds of 50m/sec with Cyclonic Factor.

Top Strata of Sub Soil is high swelling Clay and hence Pile Foundations are adopted to found on HDR Strata.



Date: 2018

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

Type: RCC Structure

Responsibilities: Structural Designs & Drawings.