

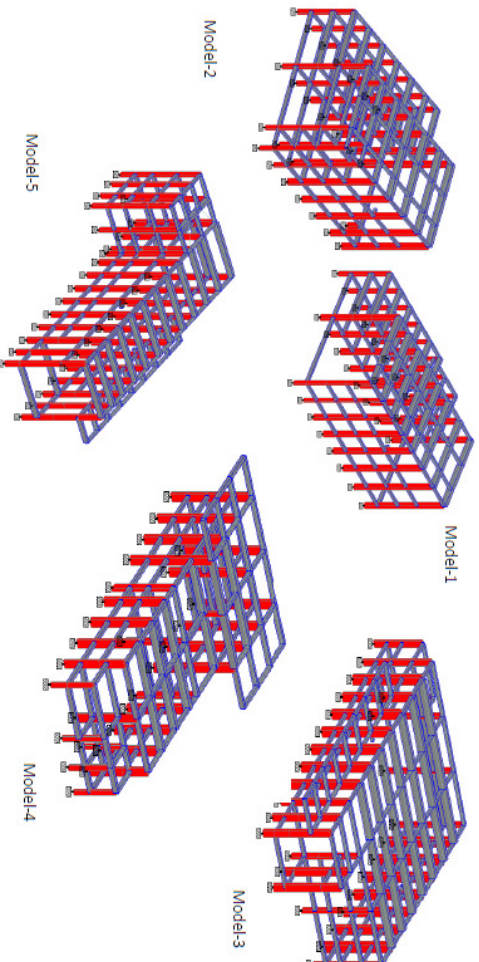
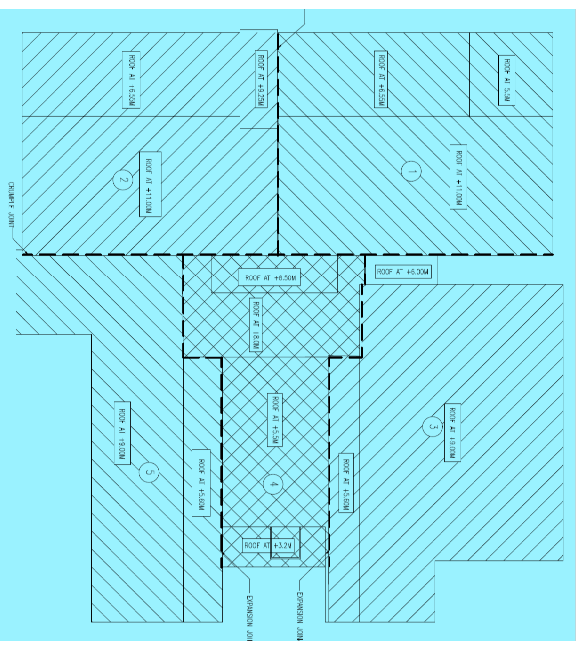
Provision of Infrastructure for New Armament at Naval Armament Depot (V)



SIE scope includes Structural designs for the proposed Infrastructure.

This Building is largely a single storey R.C.C. Structure except for a small area is G+1 for office area. Facility consists of:

- Assembly hall with 3Ton Capacity EOT Crane.
 - Electrical system room with 1Ton Capacity Circular Crane.
 - Office Staff, EDP rooms etc.,
 - Store house with 3Ton Capacity EOT Crane.
 - AC Plant Room and AHU Rooms
 - Sub-Assembly Bay with 2Ton Capacity HOT Crane.
 - Compressor room with 2Ton Capacity HOT Crane.
- The Roof Top of the Entire Structure varies from 5.5m to 11.0m



Soil Report indicated loose/clay soils hence Piles of 450Ø, 8m deep are recommended.

In view of the size, Roof levels and function of the building, movement joints are provided dividing structure into five parts Five Staad models are developed accordingly.



Date: 2019 - Ongoing

Client: C.E.(Navy) / M.E.S.

Type: RCC & Structural Steel

Firm's Responsibilities: Structural Designs and Drawings

