

Jabalpur, India

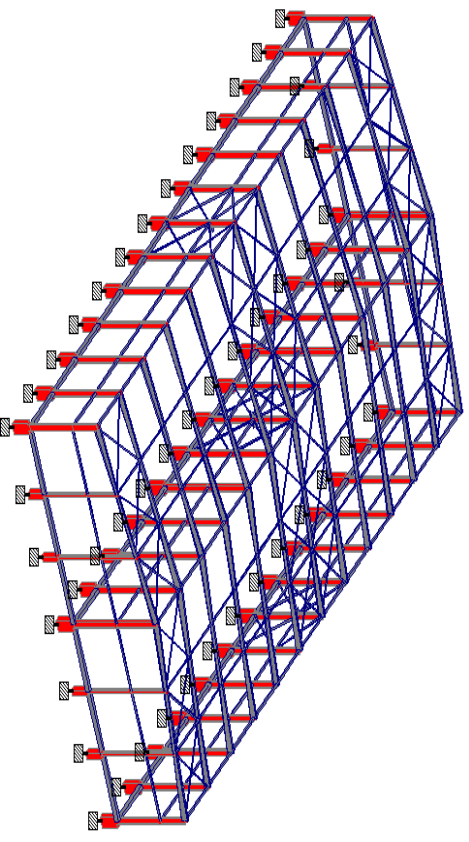
New Shed inside Gun Carriage Factory Jabalpur



Shed dimensions are 50m wide x 90m length x 10m height, with 2 nos. 5MT EOT cranes to handle the storage operations.

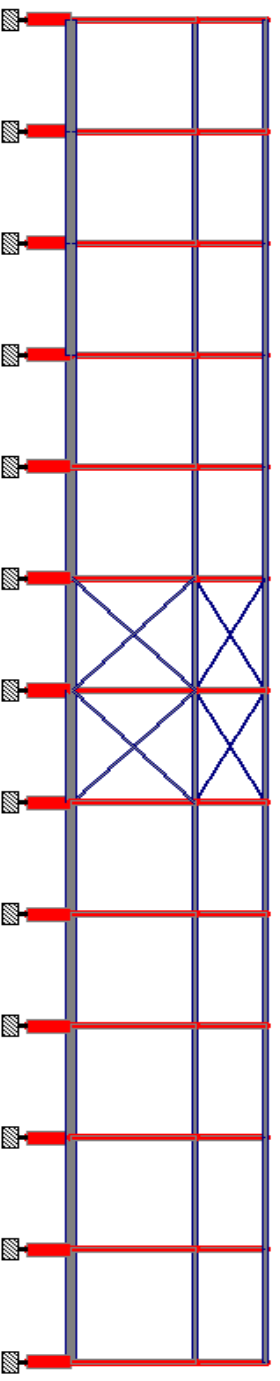
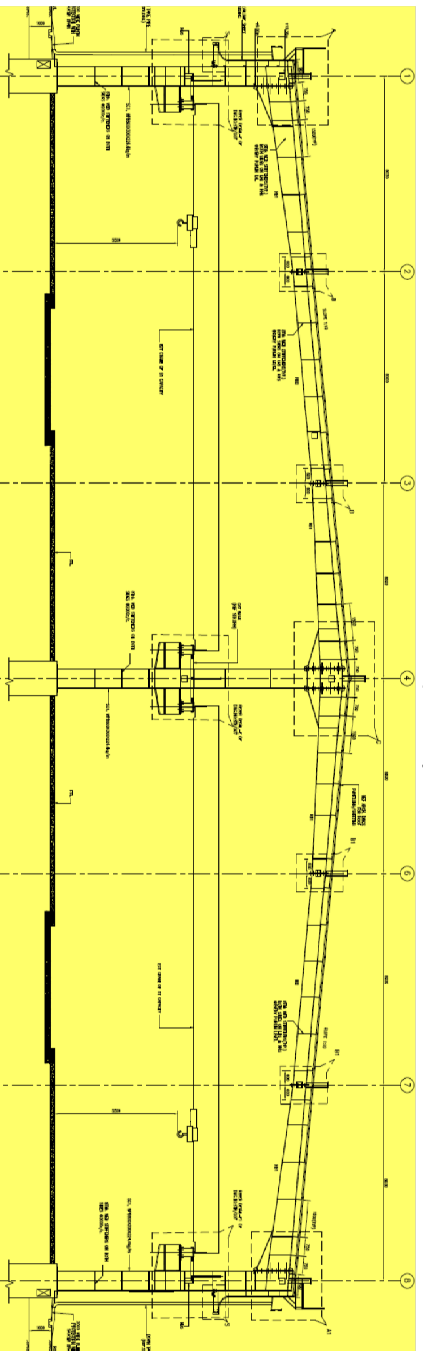
Steel portal frames(columns are of WPB 800X300 whilst Rafterers are of tapered WPB with 800/600x300 wide) are spaced at 7.5m c/c supported over RCC Pedestals over Pad footings.

SBC of 150kPa AT 3m below EGL adopted as per Soil report.



Passage areas are designed for heavy loading due to Forklifts traffic.

Structure is stabilised longitudinally by bracing members. Slenderness ratios of bracing members though in tension kept below 180; to function in load reversal conditions as required by Code.



Date: 2018

Client: Chief Engineer(Fy)/Military Engineer Services

Type: RCC & Structural Steel

Firm's Responsibilities: Structural Designs and Drawings

