

Bidar, Karnataka, India

Provision of All Weather Ground Run Point at Hangar No 5 (Hawk Tech Fit) at AFS Bidar

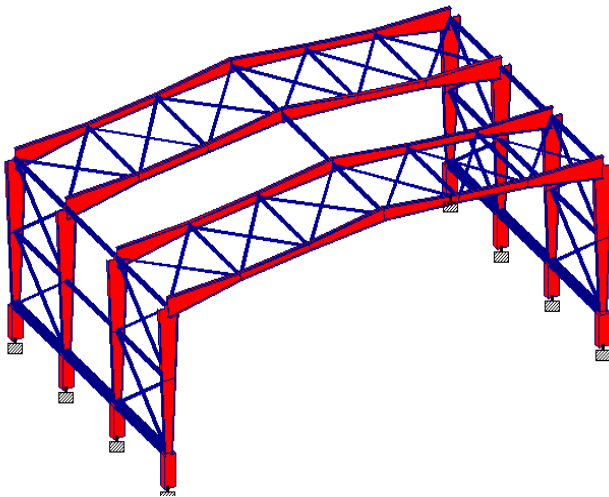


SIE scope includes Structural designs for the proposed steel shed.

Project includes Aircraft Hanger of 10m clear height with plan dimensions of 37m X 21m.

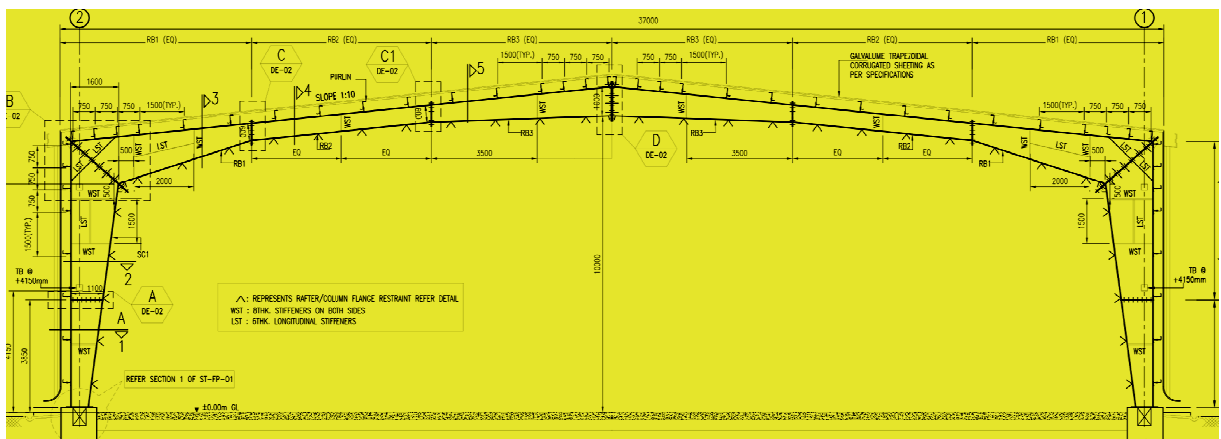
Soil Report suggests SBC of 300kPa at a depth of 2.5m below Ground level.

Steel portal frames spaced at 7.0m c/c resting on RC Pedestals over Pad foundations are chosen. All these frames are braced in longitudinal direction both in elevation and plan.



Designed for Seismic Zone-2 and Basic wind speed of 44m/sec apart from Roof maintenance live load of 0.75kPa.

Portal frame sections comprises of 300mm wide x varying depth of 600mm to 1600mm built-up sections using hot rolled steel plates.



Date: 2023 - 2023

Client: Commander Works Engineer (Air Force), M.E.S, Secunderabad.

Type: RCC & Structural Steel

Firm's Responsibilities: Structural Designs and Drawings

