

Structural Steel: Roof House P-521

Solutions for Roof Houses for hiding the Technical Installations within a cover. Design can be standard or bespoke and adapted to the actual technical Installation placed on the roof. Contract either as Design Package, EPC or EPCm.

Heat Loos Short Circuit:

Steel Structure can be designed without heat transfer from Concrete Structure without Moment Transfer in Point Load Support and Bending Moment Stiffness adapted directly in the Structure.

Access Way:

Catwalks and Access ways can be integrated into the steel design.

Solar Panels Support

Can be integrated through utilizing a cassette system

P-Engineering delivers:

- General Arrangement 3D
- Detail Arrangement 2D/3D
- Structural Steel Design
- FEM-analysis of Structure including Wind Loads
- Foundation Supports
- Pipe Support Design
- Welding Specifications
- Surface Treatment Specification

P-Engineering makes final Shop Drawings for Structural Steelwork and final BoQ for e.g., Bolts and nuts, Adhesive Anchors etc.

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Pictures from installation of both steel structure, General Installations and Solar Panels on roof top.

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Support Points and integrated fixture for Level Switch



Integrated access ways and Stairs.

