

Roof Plant Access - Detailed Design

The Problem/Challenge

Access to raised platform. HSE prosecution of designer, planning supervisor and contractor due to fatal fall off ladder and over the low parapet.

The Risks/Accident

Fatal fall 10m over a low parapet from a vertical ladder whilst carrying tools to maintain plant.

The Solution

Provide inclined stairs, or relocate the ladder and provided raised protection to parapet edge.

The Benefits

Safe access for regular plant maintenance.

Key Points

Preference to provide inclined staircase and handrails for safe maintenance access. Appropriate edge guarding for frequent access not anchor points. Review all access routes to roots, plant and service areas with architectural services and steelwork specialist drawings all coordinated onto one drawing.

