

# Fall Prevention Methods - Permanent

## The Problem/Challenge

To provide collective roof edge protection all around the new building where regular access to roof plant is required. Visual roof edge details were important to the design team and planners.

## The Risks

Falls from height by maintenance operatives during roof and plant maintenance operations.

## The Solution

A built-in 950mm parapet upstand design with integral sun shading brise-soleil feature. Ref: HSG - for maintenance areas.

## The Benefits

No need to assess frequency of access to roof areas.  
Edge protection system does not require harness training or rescue arrangements.  
No perimeter handrail due to integral parapet.  
No need for additional edge guarding.

## Key Points

Permanent edge protection provides an optimum safety solution and is at the top of the work at height hierarchy as a passive and collective protection system. Co-operation of client and project team required to avoid being “value engineered” out. There may be project reasons why this BROADLY ACCEPTABLE method may not be considered proportionate for other project reasons.



Mansafe cable and lanyard system

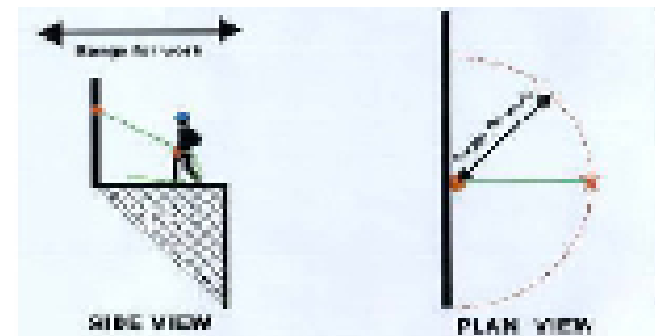


Personal fall arrest

Fall Arrest



Edge Protection Railings



Fall Restraint protection, prevents falls