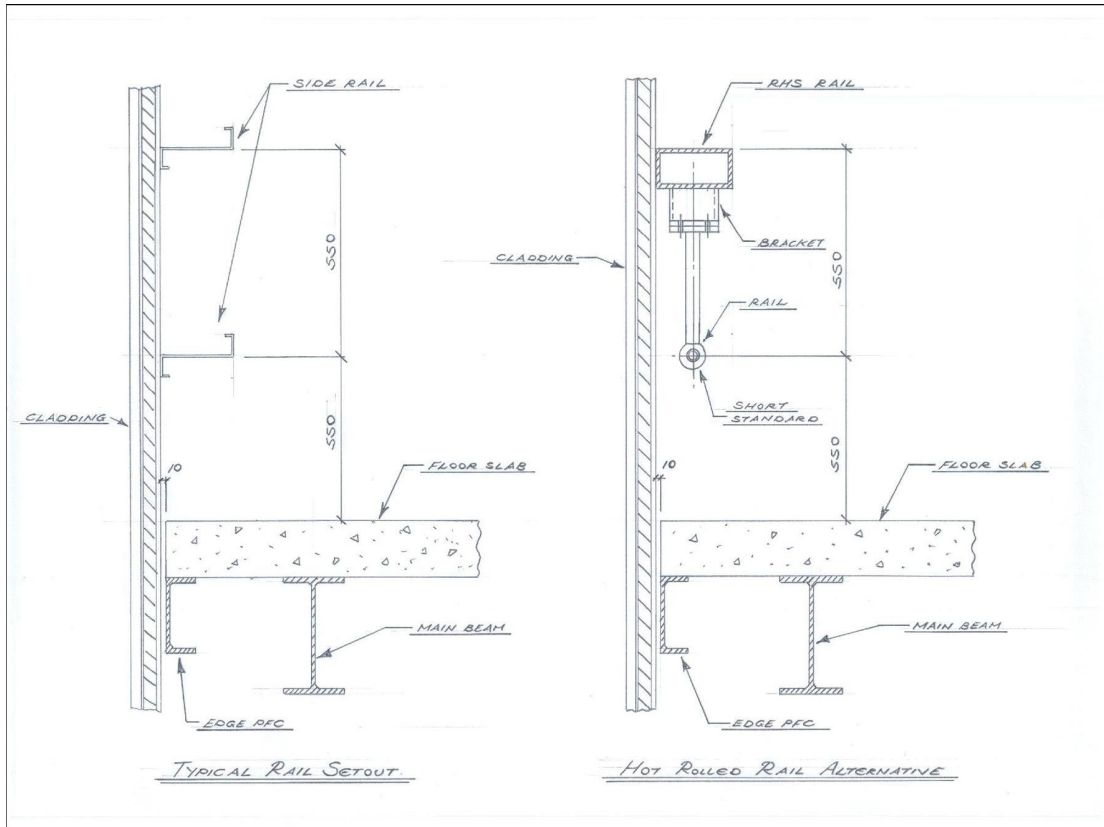


# Side Rail Edge Protection

Lots of modern day buildings have metal cladding walls and concrete floors. The floors are usually extended to the edge of the cladding to prevent the need for handrail or other permanent edge protection. This is fine but often means that temporary edge protection is required during the construction stage. This can be simply eliminated by strategic positioning of the side rails during the design stage.



## Key Points: -

1. A Typical Side Rail is designed to take around 2KN/m run, which is far more than the design requirement for handrail.
2. Rails should be located 550mm and 1100mm above the floor.
3. Where hot rolled box section rails are used the mid span rail could be a conventional handrail hung from the underside.
4. An extra line of side rails will be required at a cost of approximately £7/m depending on the size of the rails. This is often far cheaper than providing temporary edge protection.
5. Because a safe barrier has been provided by the structure itself there are fewer site activities and reduced working at height. All good stuff for helping to prevent accidents.

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