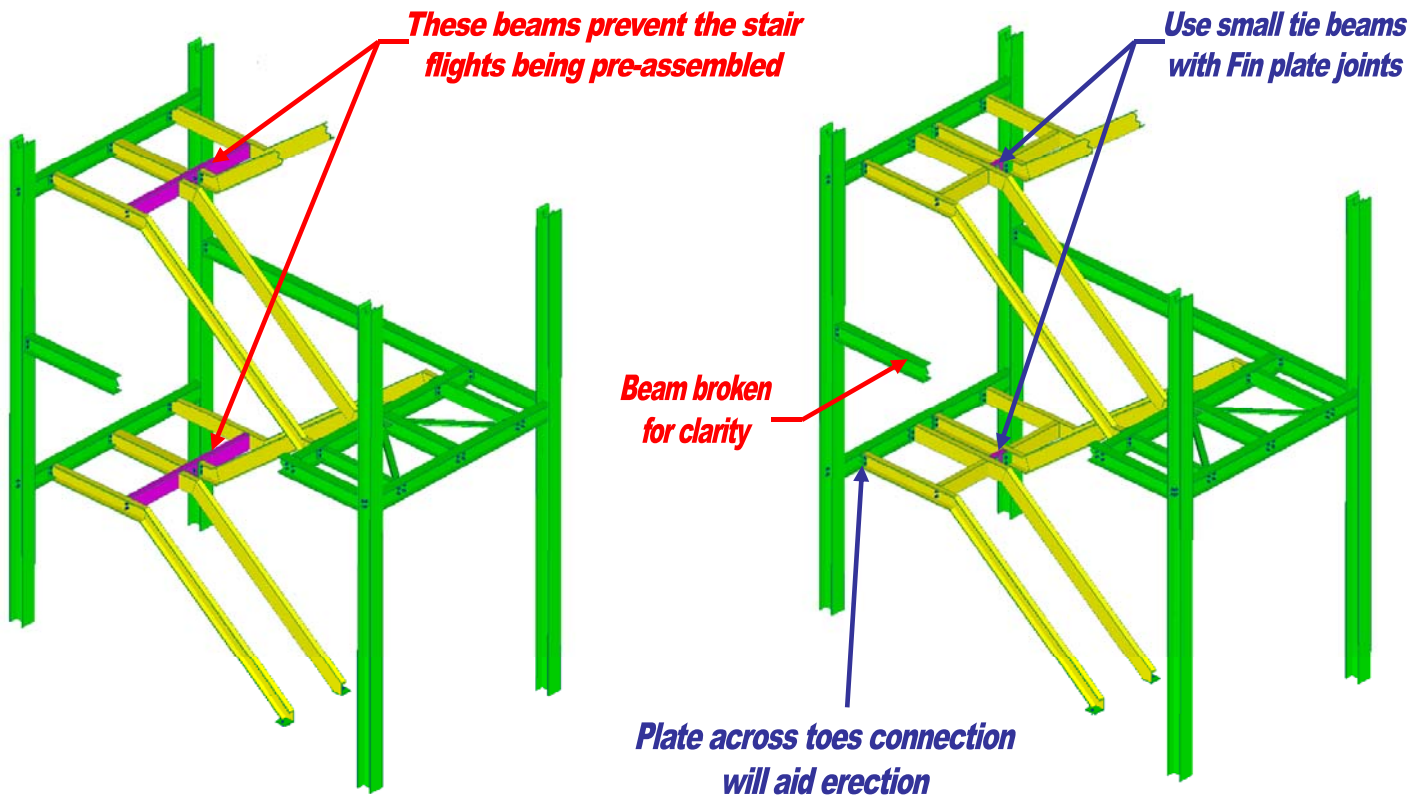


Staircase Framing to Aid Erection



The framing of a staircase will decide if a flight of stairs can be pre-assembled at ground level for modular lifting or if the stairs need to be assembled piece small at height.



Non Modular Staircase Layout
Bracing & treads omitted for clarity ❌

Modular Staircase Layout
Bracing & treads omitted for clarity ✅

Disadvantages of a Non-Modular Staircase:-

1. Staircases being erected piece small will require the steel erector working at height for longer making them more at risk to accidents.
2. Erecting stair treads at height is dangerous practice and should always be avoided.

Advantages of a Modular Staircase:-

1. Modular stairs can be assembled at ground level which reduces the erecting time at height making it quicker, easier, safer and more economical.
2. The bulk of the handrail is already in place so the stairs can be used quicker helping with access for construction.
3. Connecting the stair stringers to the main beams using a plates across the toes type connection means the flight of stair can be lifted and dropped into position vertically making erection quicker, easier and safer.

Therefore always frame a staircase to allow for modular erection!

For further information contact Daniel O'Brien (Peers) – Tel 01204 558529.