Escape route widths

In line with Section 2.9.8 of the Technical Handbook - Non Domestic, the aggregate unobstructed width in mm of all escape routes from a room, or storey, should be at least 5.3 x the occupancy capacity of the room or storey.

**Ground Floor**
- Aggregate Clear Opening Width of Escape Routes Calculation:
  - Exit 1 = 1107mm
  - Exit 2 = 1538mm
  - Exit 3 = 1431mm
  - Exit 4 = 971mm
  - Total Aggregate Clear Opening Width for Storey (Less Largest Opening Width 1538mm) = 3509mm
- Measured Occupancy Capacity = 103
- 5.3 x 103 = 545.9
- The approximate aggregate unobstructed width of 3509mm is higher than (5.3 x occupancy capacity) 545.9 and is therefore thought to be meet with Section 2.9.8 of the Technical Handbook.

**First Floor**
- Aggregate Clear Opening Width of Escape Routes Calculation:
  - Exit 5 = 1538mm
  - Exit 6 = 965mm
  - Exit 7 = 865mm
  - Exit 8 = 865mm
  - Total Aggregate Clear Opening Width for Storey (Less Largest Opening Width 1538mm) = 2695mm
- Measured Occupancy Capacity = 147
- 5.3 x 147 = 779.1
- The approximate aggregate unobstructed clear opening width of 2695mm is higher than (5.3 x occupancy capacity) estimated occupancy capacity of 779.1 and is therefore thought to be meet with Section 2.9.8 of the Technical Handbook.