



2.17.2.4. Any opening **(B)** formed by either vertical posts, curved frames or design features in the balcony or railings shall not be more than 100 mm. See **Figure 1.16 a** and **Figure 1.16 b**.

2.17.2.5. Horizontal elements, bars, climbable features shall not be installed up to 760 mm. i.e., up to **(D)**. Where horizontal or climbable elements are present in this zone, the 1200 mm height requirement shall start at the highest of those climbable elements.

2.17.2.6. If the design demands any gap between finished floor surface and the bottom most horizontal component of the railing **(E)**, such gap shall not be more than 100mm. See **Figure 1.16 b**.



Figure 1.16.b.: Balcony Railing Specifications

2.17.2.7. The balcony, Handrail, Guard assembly shall be able to withstand a single concentrated load of 200 pounds (0.89 kN), applied in any direction at any point.

2.17.2.8. If the design demands usage of glass panels in the balcony construction, such glass shall be laminated glass which holds in place if shattered and withstand a load of 200 pounds (0.89kN), applied in any direction at any point. See **Section 5, Glazing, Safety Glass**.

2.17.2.9. Balconies and terraces shall not have accesses with self-closing or self-latching doors, which can accidentally lock people outside in the balcony or terrace, compelling them to misadventures such as climbing, descending or crossing over to other balconies.

2.17.2.10. Also see **Chapter 3, Table 3.4.11., Guards**.