3.3.4 Erection Tolerances

A. Maximum Variation from Plumb: 6 mm per story, non-cumulative.

B. Maximum Offset from True Alignment: 6 mm.

C. Maximum Out-of-Position: 6 mm.

3.3.5 Schedule

The following Schedule is a list of principal items only. Refer to drawing details for items not specifically scheduled. Schedule each fabrication separately. Describe items, size, shape, materials, finish and other relevant information. The following paragraphs and examples may assist in developing such schedules

A. Refer to Drawing details for schedule of principal items.

B. Telescopic Steel Columns: Steel, 75 mm diameter, 1.83 to 2.75 m; prime paint finish.

C. Metal Hand railing and Fixings:

1. Constructed from hot-dip galvanised mild steel sections to BS 1387 and BS 4360 Grade 43A Stainless standard steel sections grade 316S16/Extruded Aluminium sections BS 1615/ASTM B221M and B483M/DIN 4113 hollow circular horizontal rail sections secured by grub screws to solid section vertical standards with minimum external diameters of 30 mm and 40 mm respectively; complete with mild steel/stainless steel toe boards, 100 mm high by 3 mm thick positioned 10 mm above the platform level and securely fixed to the standards.

2. Minimum height of 1000 mm with an intermediate rail set at 500 mm. The height shall be measured from the finished floor level to the centre line of the top rail. Standards to be positioned not more than 1500 mm centre to centre.

3. Designed to withstand 740 Newton per meter run with the deflection of the rails not exceeding 0.8% of their span between standards and the standards 0.8% of their height.

4. Mounting flanges to be drilled for not less than three bolts with two bolts on a line parallel to and on the walkway side of the hand railing.

D. Metal Stairways:

1. In accordance with BS 449 to carry a load of 750 kg per square meter.