Site development
North elevation
Scale as shown
Figure 8.37
New beam
305 x 166 x 41 grey painted steel beam, with the protection layer

New beam
333 x 210 x 122 grey painted steel beam, with the protection layer

New concrete vehicular elevator shaft

New balustrade
Steel mesh fixed to steel frame at painted grey

New truss
1105 mm deep grey painted steel truss fixed to concrete platform and Ductal concrete screen

New screen/roof
276 mm thick reinforced Ductal concrete panels fixed to 356 x 171 x 67 grey painted steel I-beams

New platform
850 x 230 mm reinforced concrete beams with 255 mm thick reinforced concrete slab fixed to 631 x 1468 mm grey painted steel lattice columns

City Centre floor heights

Site development
Section A-A
Scale as shown

Figure 8.38
Site development
Section B-B
Scale as shown
Figure 8.39
Site development
Section C-C
Scale as shown

Figure 8.40
Site development
Section D-D
Scale as shown
Figure 8.41
Details of the building:

- **New beam**: 812 x 200 (8W, 16F) steel plate girder with primer coat, painted grey, with fire protection layer.
- **New secondary column**: 358 x 171 x 67 steel I-section with primer coat, painted grey, with fire protection layer.
- **New beam**: 356 x 171 x 67 steel I-section with primer coat, painted grey, with fire protection layer.
- **New primary column**: two 457 x 191 x 98 I-section steel sections with primer coat, painted grey, with fire protection layer.
- **New balustrade and façade**: Glass panels fixed to primed and grey painted steel frames.
- **Reinforced concrete footing**: To engineer's specification.

**City Centre floor heights**

- **Ground F.F.L. +100 000**
- **First F.F.L. +104 555**
- **Second F.F.L. +107 670**
- **Third F.F.L. +110 785**
- **Fourth F.F.L. +113 900**
- **Fifth F.F.L. +117 015**
- **Sixth F.F.L. +120 130**

**Detail 6**
Site development
Main upper commercial open space - plan
Figure 8.46

Site development
Main residential open space - plan
Figure 8.45
Site development
Detail 1 (new service ducts)
Scale as shown
Figure 8.47