

British Telecom Tower - London



Project:

BT Tower Signage

Location:

London

Client:

British Telecom

Consulting Engineer:

Alan Wood & Partners

Architect:

Imagination



Description:

As a partner for the 2012 London Olympics BT wanted to create a focal point for the countdown to the start of the Olympic Games. The countdown was to commence from 1000 days to the opening ceremony for the Olympics Games.

The countdown clock is in the form of a 5.0 metre LED screen, which replaced the existing tension fabric sign. The new LED sign wraps around the 36th & 37th floors of the BT Tower and is 163 metres above ground floor level.

Alan Wood & Partners were appointed to check the existing sign support structure condition and design remedial works to suit

the increased weight and revised load paths of the LED panels.

The frame was also required to be suitable to support a fall arrest system to upper and lower inspection levels and enable the removal of individual panels with the use of temporary tie straps.

Other challenges include the largest item allowed on site was to be 2.0m x 1.0m and all components were to comply with manual handling requirements as no mechanical handling was allowed on the scheme, this all had to be carried out within a programme of 100 days to the sign switch on for all design, erection, installation & inspection works.