

Mayflower Park

Landscape Concept, Masterplanning, Design and Implementation for a new parkland in Worcester Park, Surrey, UK

A 'Chris Blandford Associates' project, for which I managed the planning application, detailed design and tender package production.

The new parkland covers the north part of the site, previously a Sewage Treatment Works site, and was designed as an integrated extension of the New-England themed residential development character. The park seeks to draw people to the variety of open public spaces and water features. A number of viewpoints allow extensive visibility along the main axial link of the park and the residential areas. There are numerous walking and cycling routes of varying formality and more natural areas were designed for habitat creation and enhanced ecological value.

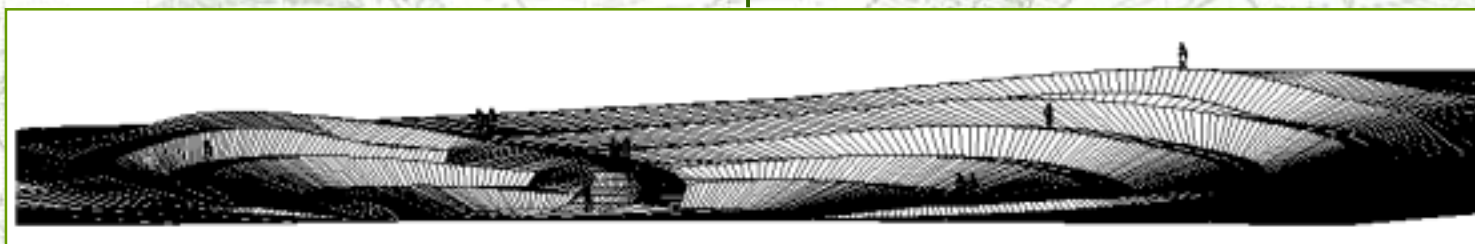
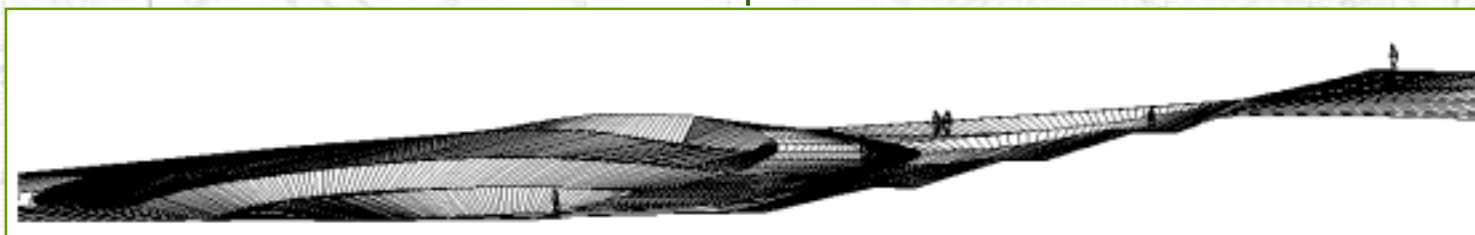
Client: St. James Group

Area: 31 acres

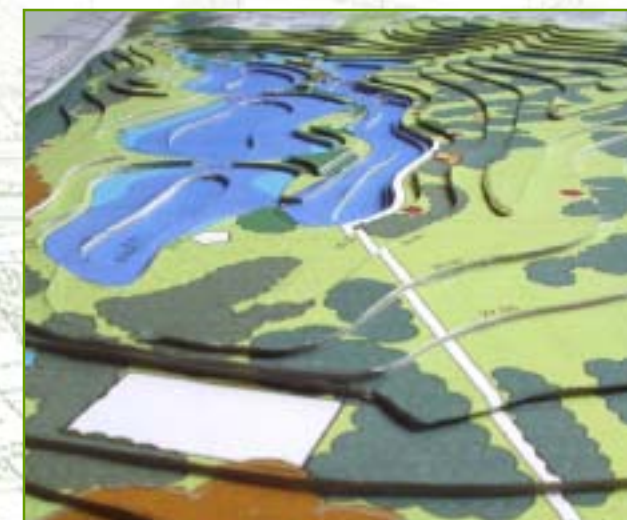
Area of Lakes: 3 acres



Masterplan 1:1250



Grass Amphitheatre – study visualisation



Model 1:500



Vegetation Masterplan 1:1250

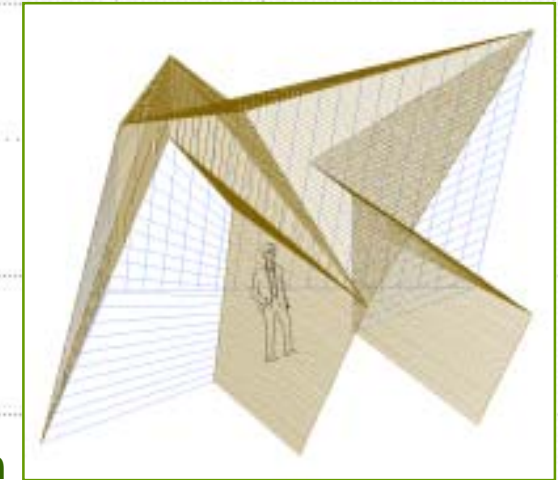
Mayflower Park

Detailed Design

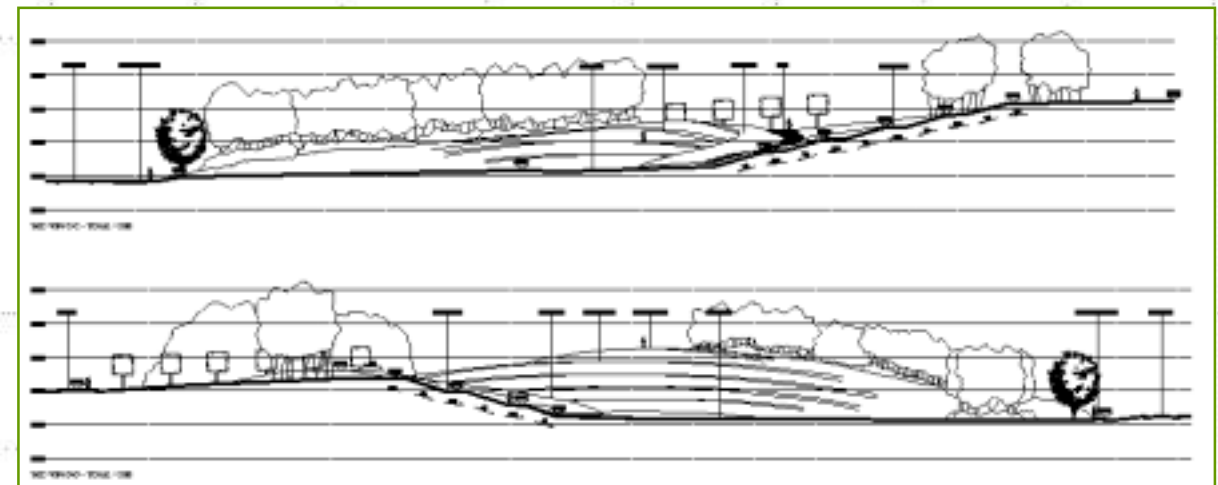
Landform – The existing material on site is to be re-profiled to create a strong landform with a focal highpoint, situated within the eastern part of the park. This re-profiling will create a strong ridge of higher ground extending north westwards and will separate the lakes from the housing area whilst also providing views of the lakes from above. The conceptual design by land artist Lorna Green, uses an arrangement of grassed steep slopes and steps and a ridge reflecting the south west to north east axis.

Lakes – A series of lake areas, where the level of each lake can be controlled to provide a variety of water depths and edge depth at differing times of the year. The new lakes replace the Sewage Treatment Works site lagoons that will be lost and form the focus of the ecological interest of the Park. The series of five water bodies will provide a variety of wetland wildlife habitats with a variety of edge depths allowing for marginal planting. At peak times of wader migration the water level will be drawn down to slowly reveal wet mud habitat on which the waders will feed.

Ecology areas – The Park provides a valuable facility for informal recreation within an overall context of planting and habitat creation based on sound ecological principles. Wildlife habitats will be created, in part mirroring those that were present on the site on the past, but also taking opportunities to create totally new areas. In most places park users will be able to enjoy the wildlife at close hand, whilst picnicking, utilising play and fitness equipment and generally enjoying informal recreation. Sanctuary areas will be restricted to the eastern embankment on which will be created a range of features for protected species including bat roost, bird boxes, reptile hibernacula, sand martin barrels and wood piles for invertebrates.



Bird Hide – study visualisation



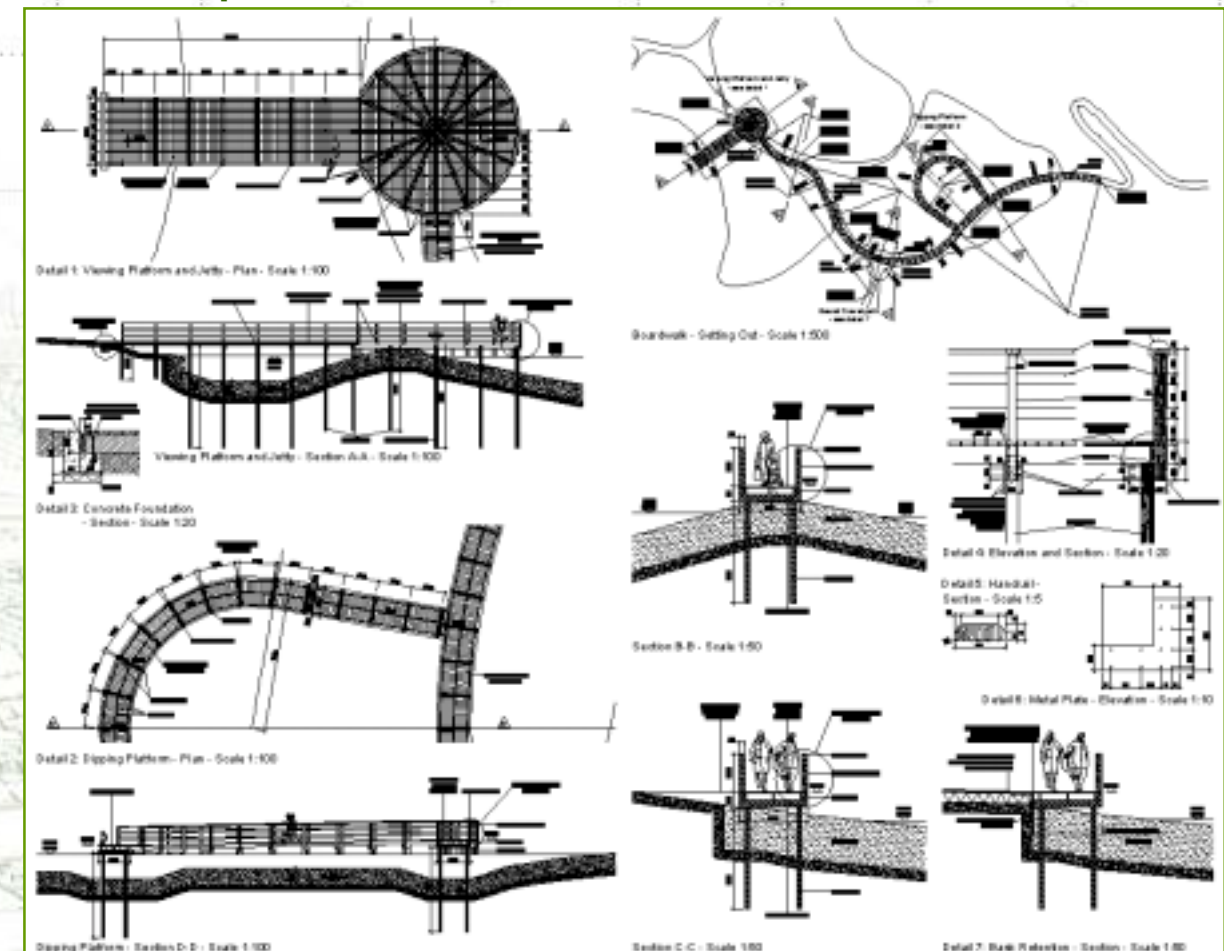
Grass Amphitheatre Sections



Play Structures Layout



Nature Conservation Structures Layout



Boardwalk Details