

Landscape & Biodiversity

We are proposing to retain and enhance the majority of Wharncliffe Woodmoor and other high biodiversity-value vegetation within the site. The proposals retain and enhance existing vegetation, create new green links, recreational trails, equipped play areas, community gardens and a neighbourhood Greenspace. These strategies will promote a sense of place, health and well being and enhance the biodiversity of the area.

Biodiversity

To protect and enhance ecology and biodiversity we are proposing:

- Where ponds are created to reduce the risk of flooding, native planting will be used where practicable to provide new habitats to increase biodiversity.
- To protect, enhance and manage existing areas of Significant Ecological Value, species rich hedgerows and Wharncliffe Woodmoor so that they continue to provide habitats for local wildlife.
- To create an accessible landscape and ecology buffer between the development and surrounding Green Belt to protect sensitive landscape and ecology, including Carlton Marsh Nature Reserve.
- To use native species rich seed mixes for open areas of grassland, new hedgerows, green corridors and woodland.
- To enhance areas of woodland with the creation of habitat mosaics to support terrestrial invertebrates.
- To provide mitigation for any unavoidable development on Wharncliffe Woodmoor by providing habitat of equivalent value or better.
- Developers will be required to achieve a minimum 10 percent Biodiversity Net Gain, leaving the biodiversity of the site in a better state than before. This is in line with the forthcoming Environment Bill.

Blue Infrastructure

The new development will use sustainable drainage systems and existing water features on the site to manage run-off. As well as helping to minimise flood risk, it will provide better quality spaces for people and the design will enhance biodiversity, using native aquatic planting.

