

The landscape proposal of the site has adopted a naturalistic boundary treatment as the rest of Green Park. The existing boundary trees to be retained will be protected as per the Arboricultural Impact Assessment and in line with BS 5837:2012. Native shrub planting will be used to screen and define site, creating the linear habitats, allowing wildlife to continue to travel across the site. The inclusion of 150+ new trees, including native varieties have been proposed to as part of the ecological enhancement, and will enhance the suitability and connectivity of this boundary as a commuting and foraging corridor for bats. Meadow grass seed containing twenty eight native British wildflowers and grasses has been specified to support bees, butterflies and other pollinators.

The landscape design has included various measures to slow the surface water run off at various points across the scheme. The at grade car parking will be permeable. The impervious surfacing to the periphery of the building will be drained towards swales which run along the north, south and west of the building. These large expanses of soft landscaping will allow for natural infiltration with excess stored for future outfall.

A Floating raft on Longwater Lake has been proposed to off-set the loss of habitat for nesting birds. The raft will provide a minimum 3m² to provide suitable nesting habitat for waders, as well as gulls and terns, and will be constructed from durable re-cycled plastic. Detail raft information refer to Appendix 1, Location refer to Appendix 2.

Appendix 1 Floating raft details

2 x Mink Proof Floating Tern Raft 30cm

- Place 2 x Mink Proof Floating Tern Rafts on the Lake
- Secure the rafts in place with chains and Concrete weights
- Place a layer of gravel on the top for the nesting wildlife



Single unit size: **1200mm x 2400mm x 590m**

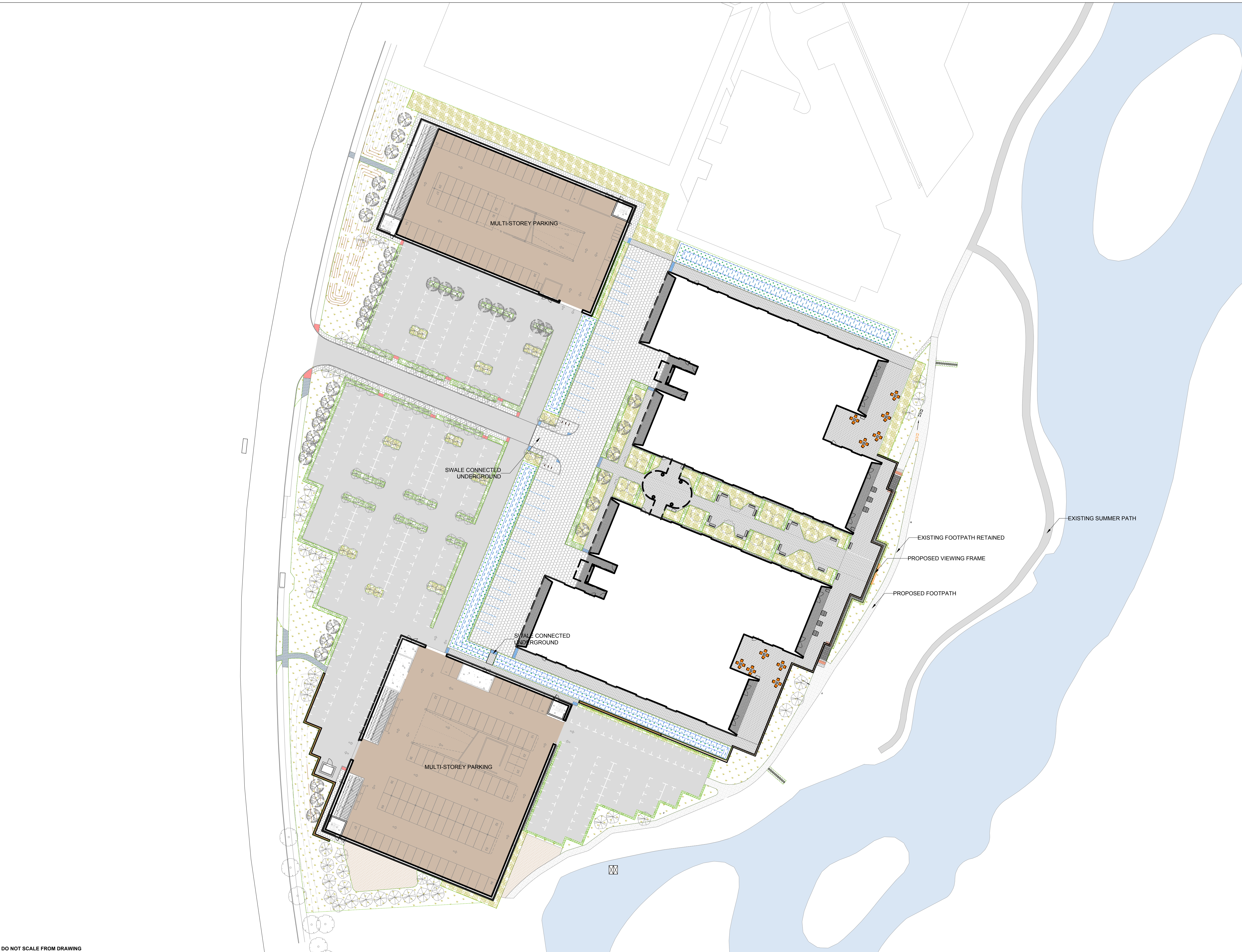
Description and use:

1.2m x 2.4m x 200mm polystyrene floatation layer encapsulated in tough 6mm and 9mm thick recycled plastic sheet with a gravel tray on the top. The unit is screwed together with stainless steel screws and fixed onto hollow plastic bearers, which allows the whole raft to be easily manouevered.

537-DO-004
400 Longwater Avenue
Planning Condition Responses
24/09/18

Appendix 2 Floating raft location plan





- NON-POROUS VEHICULAR GRADE BLACK MACADAM
- POROUS VEHICULAR GRADE BLACK MACADAM
- VEHICULAR GRADE ENTRANCE PAVING
- GARDEN ROOMS PAVING
- BUILDING THRESHOLD PAVING
- PROPOSED WINTER PATH
- PROPOSED LANDSCAPE DRESSING
- PROPOSED PEDESTRIAN GRADE MACADAM
- PROPOSED WET POUR SURFACING
- FOOT BRIDGE
- PROPOSED BINS
- PROPOSED SEATING
- EXTERNAL STAIRCASE
- CYCLE PARKING
- PROPOSED VIEWING FRAME
- PROPOSED GREEN SCREEN
Moblane green screen
(stepping in height on southern car
park as noted)
- COBBLES FOR SWALE DRAIN
- RETAINING WALL
- PROPOSED LAND FORM CONTOUR LINE
each contour is 250mm in height
- EXISTING LAND FORM CONTOUR LINE
each contour is 250mm in height
- PROPOSED FLOATING TERN RAFT
Location to be confirmed on site
- HERBACEOUS/SHRUB PLANTING
- GRASS SEED MIX FOR WETLAND
- HEDGE PLANTING
- WILDFLOWER SEED MIX
- SWALE WATER EDGE PLANTING
- ORNAMENTAL GRASS
- PROPOSED TREE
STANDARD
- PROPOSED SWALE
- PROPOSED SWALE OUTLET
WATER-LOVING PLANTING