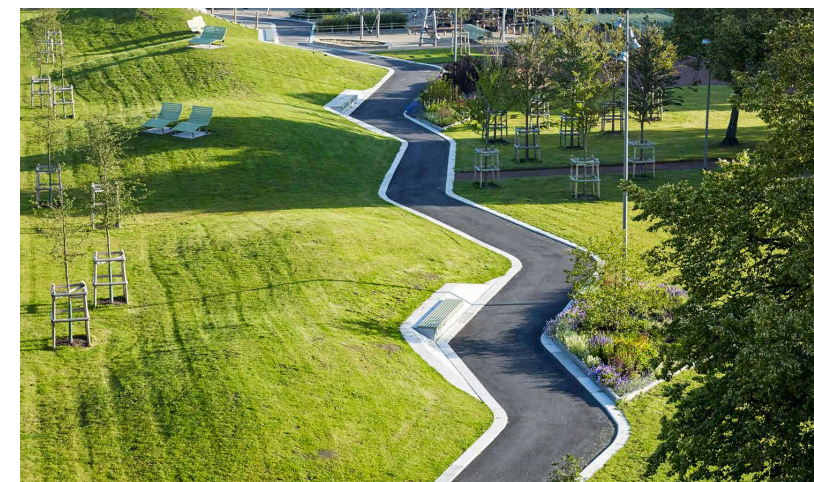
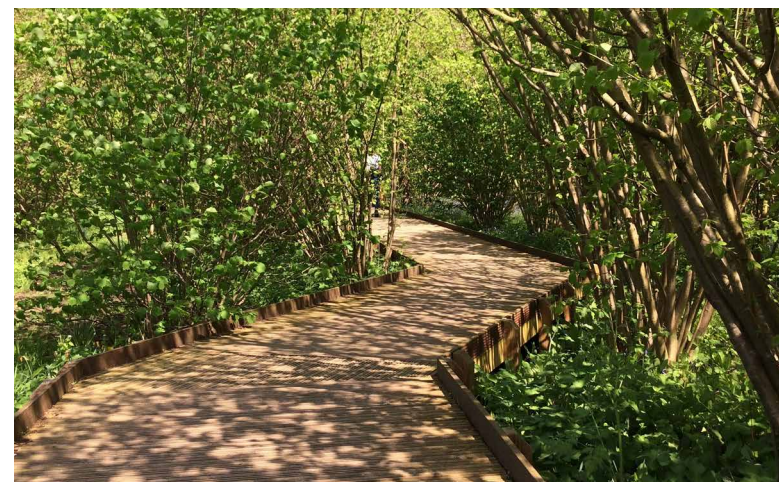


TOWN PARK PHASE B, BEREWOOD

LANDSCAPE DESIGN STATEMENT

Prepared on behalf of
GRAINGER PLC.

October 2020



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TOWN PARK PHASE B, BEREWOOD LANDSCAPE DESIGN STATEMENT

GRAINGER PLC.

2715-TP-DS-01

Rev	Description	Date	By/Chk
-	Draft for comment	01/02/2020	LM/CR
A	Final Draft	06/10/2020	LM/CR
P1	Issued for Planning	19/10/2020	LM/LM

1.0 INTRODUCTION

Purpose of Statement

This Statement has been prepared by Allen Pyke Associates Ltd on behalf of Grainger Plc. It supports the Reserved Matters application for the Town Park Phase B, Berewood, Waterloooville.

It provides an explanation of the landscape proposals and the design consideration which have informed the detailed proposals. It should be read alongside the following plans:

- 2715-TP-LA-01 Concept
- 2715-TP-LA-02 Site Location Plan
- 2715-TP-LA-03 to 11 Landscape General Arrangements Plans
- 2715-TP-PP-01 to 10 Detailed Planting Plans

Site Location and Planning Background

The application site is part of the Town Park, on the eastern edge of the Berewood Neighbourhood at Waterloooville. Phase A has been implemented and it is in use and under management, Phase B obtained reserved matters approval on 26th April 2019.

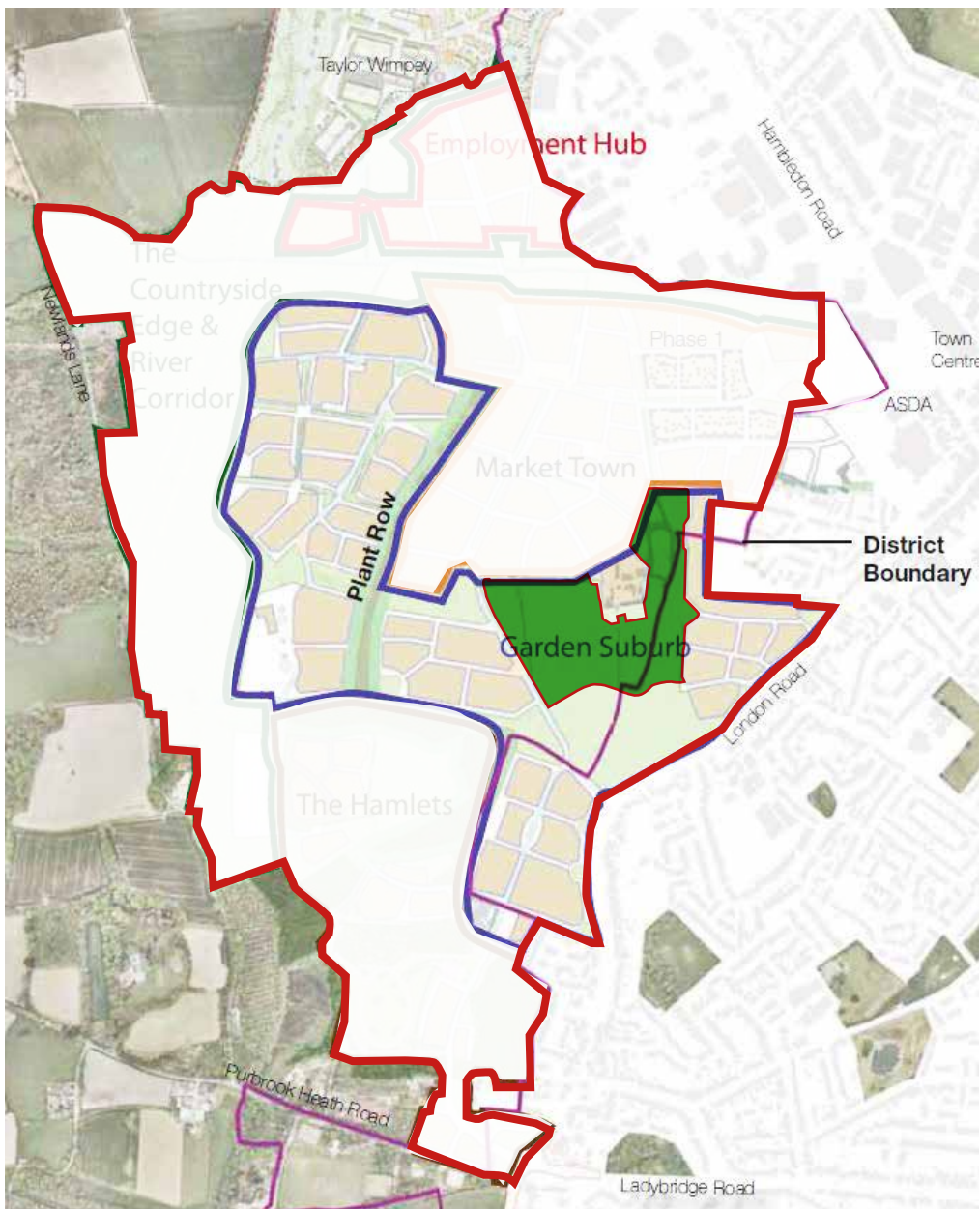
The proposals described in this statement are in accordance with:

- the Outline Planning permission (as approved April 2012*),
- the Town Park Phase B Outline CEMP
- the Reserved Matters (as approved on 26th April 2019)
- Masterplan Design Document (November 2010),
- The Section 106 legal agreement and
- The Berewood Design Code (March 2013).



Town Park Location within the Site Wide Landscape

 Town Park Phase B Application boundary



Town Park Location within the Identity Areas Plan

2.0 SITE CONTEXT AND CONCEPT DEVELOPMENT

Site Constraints

The proposals take account of the existing constraints on site which include the following:

- Existing wildlife habitats;
- Existing mature trees and hedgerows;
- Existing ditches and pond;
- Phase A of Town Park which has been implemented and is in use;
- Underground services;
- Adjacent phases and their associated infrastructure

Design Code Requirements:

The Town Park is contained within the Garden Suburb and the Design Code provides mandatory and non-mandatory requirements in relation to land-use at Design Code GS02. The Demonstration Area at page 60 of the Design Code illustrates potential land uses.

Town Park Phase B is required to provide:

- A cricket pitch and pavilion;
- A Multi-Use Sports Area.

All tree and shrub species are to be in accordance with Appendix A, unless otherwise agreed with the LPA.

Activities

The plan adjacent suggests a variation in activities / land uses within Town Park Phase B which will connect with the adjacent housing frontages and Town Park Phase A activities.

LEGEND

-  Sports: Cricket pitch, sports fields, MUSA with Pavilion as focus / destination
-  Exploration: Enclosed biodiversity rich landscape framed by existing vegetation and ditches/ watercourses. Includes new wildlife areas and nodes, meadows, decking platform and trails to provide educational value and improved habitats
-  Healthy Living: fitness trails, outdoor gyms, foraging routes, community woodlands and picnicing areas for adjacent housing
-  Focal Element in the landscape
-  Key Views / visual connections



3.0 ILLUSTRATIVE LANDSCAPE PROPOSALS



The landscape design proposals offer a flexible network of public open spaces which are multi-functional and provide green spaces for both formal and informal amenity and recreation, while balancing the needs of ecological habitat creation and the integration of Sustainable urban Drainage Systems (SuDS).

The open spaces consist predominantly of a semi-natural parkland landscape which incorporates: attenuation basins, earth moundings, meadows, pedestrian and cycle routes, informal and exploratory play and wildlife areas.

Green corridors defined by the existing retained vegetation and ditches offer structure and functionality to the design, while offering enhanced wildlife corridors.

Illustrative Landscape Masterplan

5.0 LANDSCAPE CHARACTER

The detailed proposals for Town Park Phase B have been developed with consideration of the proposed landscape character for the site, as illustrated on the adjacent plan and through the concept images which follow.

Visitors will enjoy a varied experience as they travel through the site thereby enhancing its public realm and amenity value.

LEGEND

-  Town Park Phase B Application boundary
-  Parkland
-  Family Activity Area
-  Enclosed Mounding/ Ecology and Educational Area
-  Cricket Field and Sports Area
-  SuDS/ Wetland Exploration Area
-  Residential interface/ edge

Character Areas Plan



5.0 LANDSCAPE CHARACTER

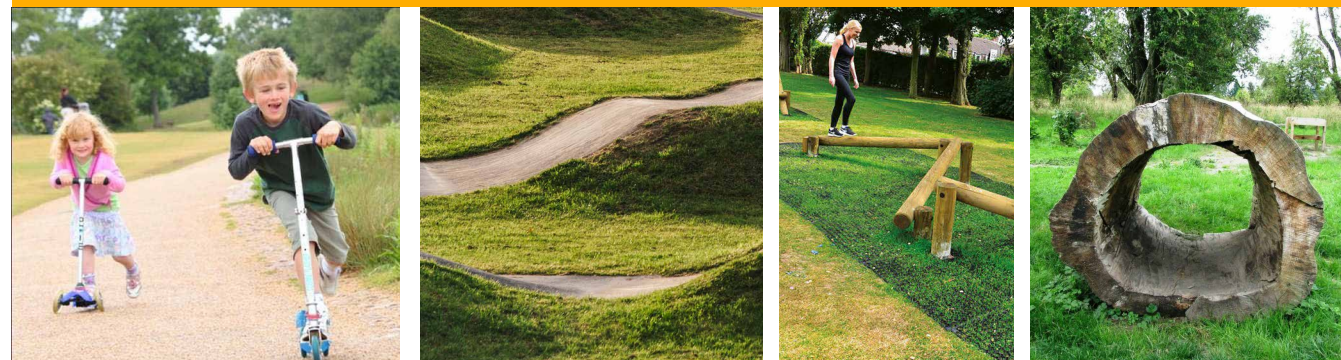
Parkland



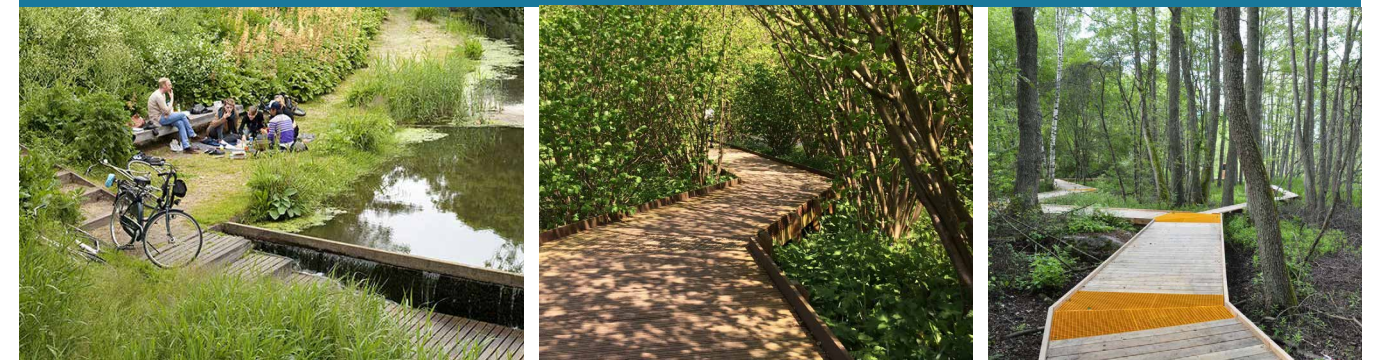
Sports Area and Pavilion



Family Activity Area



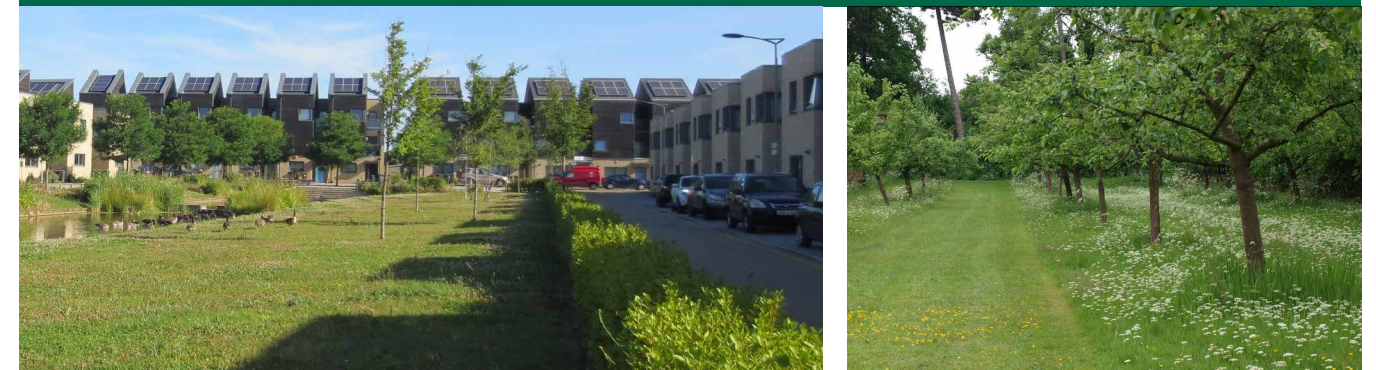
SuDS/ Wetland Exploration Area



Enclosed Mounding and Educational Area



Residential interface/ Edge



6.0 LANDSCAPE TOPOGRAPHY AND SECTIONS

The earthworks proposed as part of the submission present a gently undulating landscape to accommodate the following:

- A level platform for the cricket grounds, pavilion, parking and MUSA;
- Gentle banks and mounds to allow for viewing of the sports area;
- Informal mounds within the exploratory areas and family activity areas;
- SuDS features to the north of the Site.

A range of footpaths will allow direct access from Town Park Phase A and the adjacent housing areas. The majority of paths will be no steeper than 1:20 to allow for disabled access across the desire lines.

A series of illustrative sections are provided to demonstrate the proposed landform and activity areas.

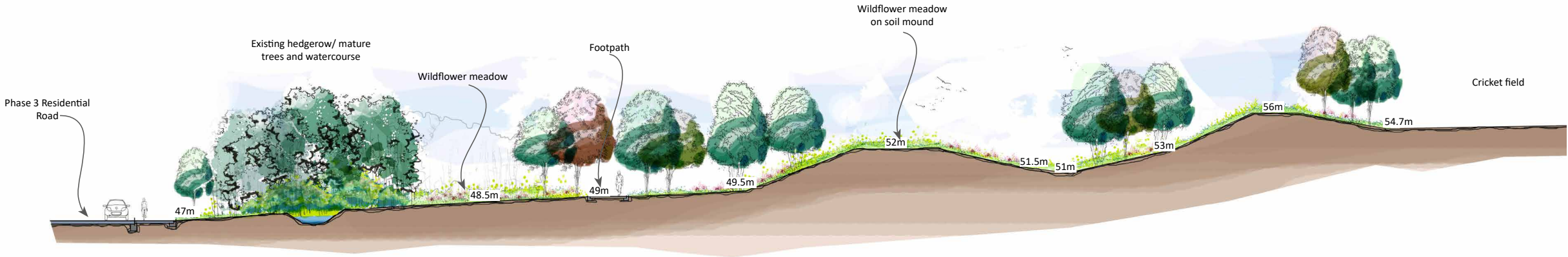
LEGEND

 Town Park Phase B Application boundary

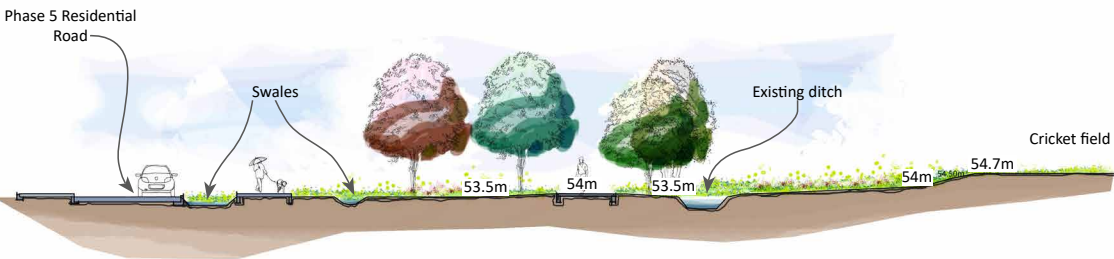


6.0 LANDSCAPE SECTIONS

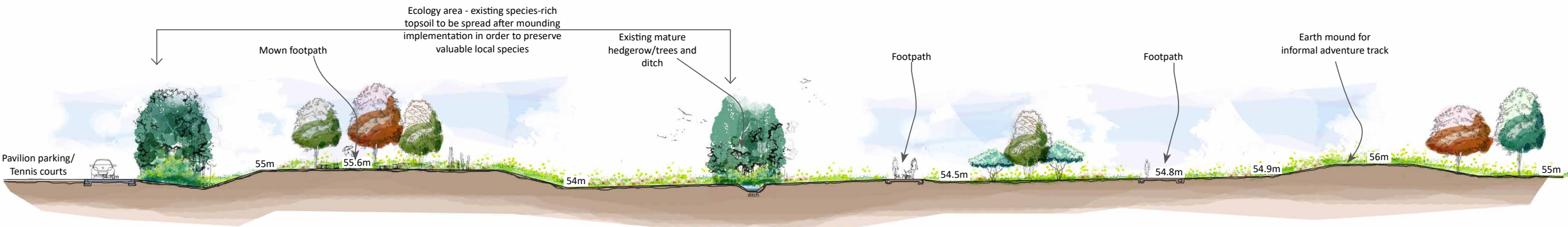
Section AA'



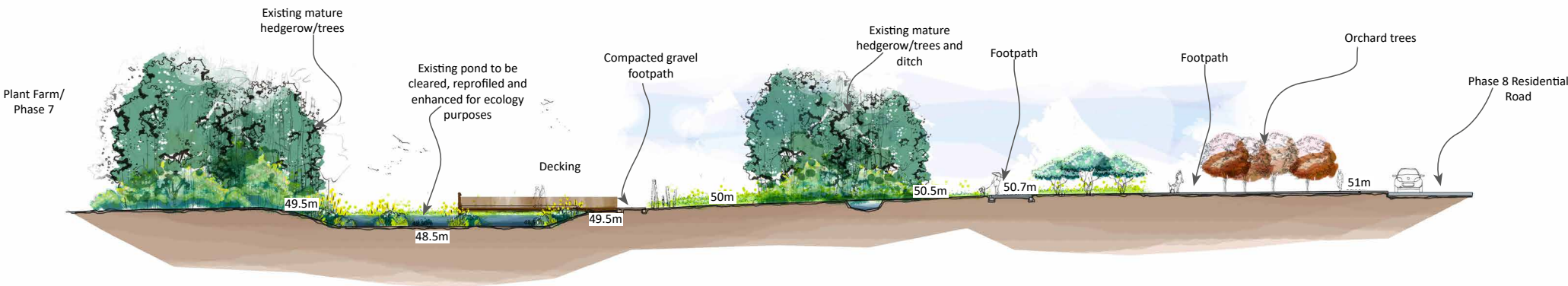
Section BB'



Section CC'



Section DD'



Illustrative Sectional Elevations

7.0 SOFT LANDSCAPE STRATEGY

Design Code Requirements

CODE GS06 Soft Landscape provides the following codes which have informed the detailed planting proposals accompanying the application:

GS06.03: Green corridors and open spaces

GS06.03.01 Trees: large ovate in form within Woodland Edge; Parkland trees arboretum feel and to include native varieties in accordance with Appendix A

GS06.03.02 Hedges and shrubs: predominantly native species

GS06.03.03 Existing hedgerows and landscaped edges of the development (including London Road) incorporated into street as part of linear green space and enhanced with new native tree planting (ovate)

GS06.03.04 Linear green spaces to incorporate hedgerows, SuDS and mix of fastigate and ovate trees (Species and distance from building subject to NHBC Standards). Dimensions of hedgerow space 4-9m subject to species, distance and SuDS requirements.

GS06.03.05 Grasses: meadow grass within Town Park; wet meadow grass to proposed ponds within Town Park, woodland edge and green corridors

GS06.03.06 SuDS species incorporated into green spaces (in accordance with SuDS strategy in MDD)

GS06.03.07 Plant Row woodland edge - 20m buffer between development and woodland; must include 5m depth of dense shrub planting; buffer space can include footpath/ cycleway, SuDS, play and food growing (in accordance with MDD)

GS06.04 Formal sports/ play space

GS.06.04.01 Grass or turf to sports pitches

LEGEND

 Town Park Phase B boundary



7.0 SOFT LANDSCAPE STRATEGY



Existing vegetation to be retained



Large/ Feature Trees

Trees that create an impact due to their size, foliage/ flowers/ texture variation throughout the year

Mature height: 10-15m
Mature canopy spread: 4-8m

Species:
- Acer campestre/ rubrum/ freemanii 'Autumn blaze'
- Tilia cordata/ europaea
- Liquidamber styraciflua
- Quercus robur/ rubra
- Larix decidua



Fruit/ Nut Trees

Proposed Open Space Fruit Trees
(wildlife value)

Species:
- Crataegus prunifolia
- Corylus avellana
- Malus 'Cox's Orange Pippin'
- Malus 'Evereste'
- Malus 'Bramley's Seedling'
- Pyrus communis 'Invincibile'
- Prunus cerasus Morello
- Prunus mume
- Cydonia oblonga 'Meeches prolific'
- Juglans regia



Ornamental Trees

Mature height: 6-10m
Mature canopy spread: 3-6m
Minimum 8m from buildings (moderate/ low water demand)

Species:
- Acer campestre 'Streetwise'
- Carpinus betulus
- Malus trilobata
- Prunus 'Snow Goose'
- Prunus 'Sunset Boulevard'
- Prunus fruticosa Globosa
- Betula pendula/ albosinensis/ utilis var. jacquemontii
- Ulmus 'New Horizon'
- Magnolia stellata
- Sorbus aucuparia
- Sorbus torminalis
- Pyrus calleryana



Wetland/ SuDS Trees

Species:
- Alnus glutinosa
- Populus nigra
- Salix alba/ fragilis/ pentandra
- Crataegus monogyna
- Betula pubescens
- Taxodium distichum



Small/ Multi-stem Trees and Feature Shrubs

Mature height 8m
Mature canopy spread 3m
Min 3m from buildings

Species:
- Amelanchier lamarckii
- Euonymus europaeus 'Red Cascade'
- Magnolia stellata/ kobus
- Hamamelis x intermedia 'Pallida'
- Syringa vulgaris 'Madame Lemoine'
- Viburnum opulus Compactum



Arboretum Trees

Species:
- Acer Platanoides 'Crimson Sentry'
- Cercidiphyllum japonicum
- Parrotia persica
- Sorbus aria 'Lutescens'
- Sorbus 'Glowing Pink'
- Davidia involuncrata
- Paulownia tomentosa
- Liriodendron tulipifera
- Larix decidua
- Nyssa sylvatica
- Castanea sativa
- Juglans nigra

Tree Concept and Strategy



Note: All trees adjacent to roads to have minimum 2m clear stem to maximise visibility.

7.0 SOFT LANDSCAPE STRATEGY

Large/ Feature Trees



Tilia cordata

Larix decidua

Liquidamber styraciflua

Wetland/ SuDS Trees



Betula pubescens

Alnus glutinosa

Populus nigra

Proposed Open Space Fruit Trees



Mespius germanica

Malus evereste

Pyrus communis

Ornamental Trees



Pyrus calleryana 'Chanticleer'

Malus trilobata

Carpinus betulus 'Frans Fontaine'



Prunus fruticosa 'Globosa'

Prunus 'Snow Goose'

Tilia cordata 'Rancho'



Acer x freemanii 'Autum blaze'

Sorbus aria 'Lutescens'

Sorbus aucuparia

Small/ Multi-stem Trees and Feature Shrubs



Hamamelis x intermedia 'Pallida'

Cercidiphyllum japonicum

Amelanchier lamarckii

Arboretum Trees



Acer platanoides 'Crimson sentry'

Nyssa sylvatica

Davidia involunrata



Parrotia persica

Euonymus alatus

7.0 SOFT LANDSCAPE STRATEGY



Area for existing species-rich topsoil to be spread following earth mounding implementation, in order to preserve valuable species, including Common spotted, southern marsh and pyramidal orchids, together with other local species. Refer to Ecologist report for details.

Grasses Strategy



8.0 HARD LANDSCAPE STRATEGY

Design Code Requirements

CODE GS07 Hard Landscape provides the following codes which have informed the Landscape General Arrangements Plans accompanying the submission:

GS07.03 Green corridors and open spaces

GS07.03.01 Paving: self-binding gravel

GS07.03.02 Street furniture: black metal finger posts where required

GS07.03.03 Lighting: low level lighting, timber or metal posts

GS07.03.04 Recreation equipment: informal timber equipment/ trim trail

GS07.03.05 Fencing to play areas (metal or timber)

GS07.04 Formal sports/ play space: Town Park

GS07.04.01 Local Equipped Area of Play equipment

GS07.04.02 Skateboard Park - sculpted hard standing

GS07.04.03 Kick about area - grass and lined area

GS07.04.04 Informal Play - which can include seating and informal structures such as trees, logs, mounding and boulders

GS07.04.05 Flood lighting to MUSA

LEGEND

-  Town Park Phase B boundary
-  Tarmac to tie in with adjacent Town Park Phase A
-  Compacted gravel
-  Pavilion terrace
-  Reinforced grass / gravel to carpark
-  Porous macadam surface to tennis courts
-  Mown footpath
-  Timber decking platforms



9.0 CONNECTIVITY AND LEGIBILITY



A robust pedestrian movement infrastructure will complement the character of the park and differentiate between the hierarchy of movement corridors, nodal points and open space areas. The variation in surface treatments will be provided to create legibility, visual interest and create a pedestrian friendly environment. The plan adjacent shows the surface treatment of roads across the site.

LEGEND

-  Town Park Phase B boundary
-  Vehicular route and access
-  Main footpath connections
-  Secondary footpaths
-  Informal/ mown footpaths
-  Opportunity for further connectivity to future housing areas

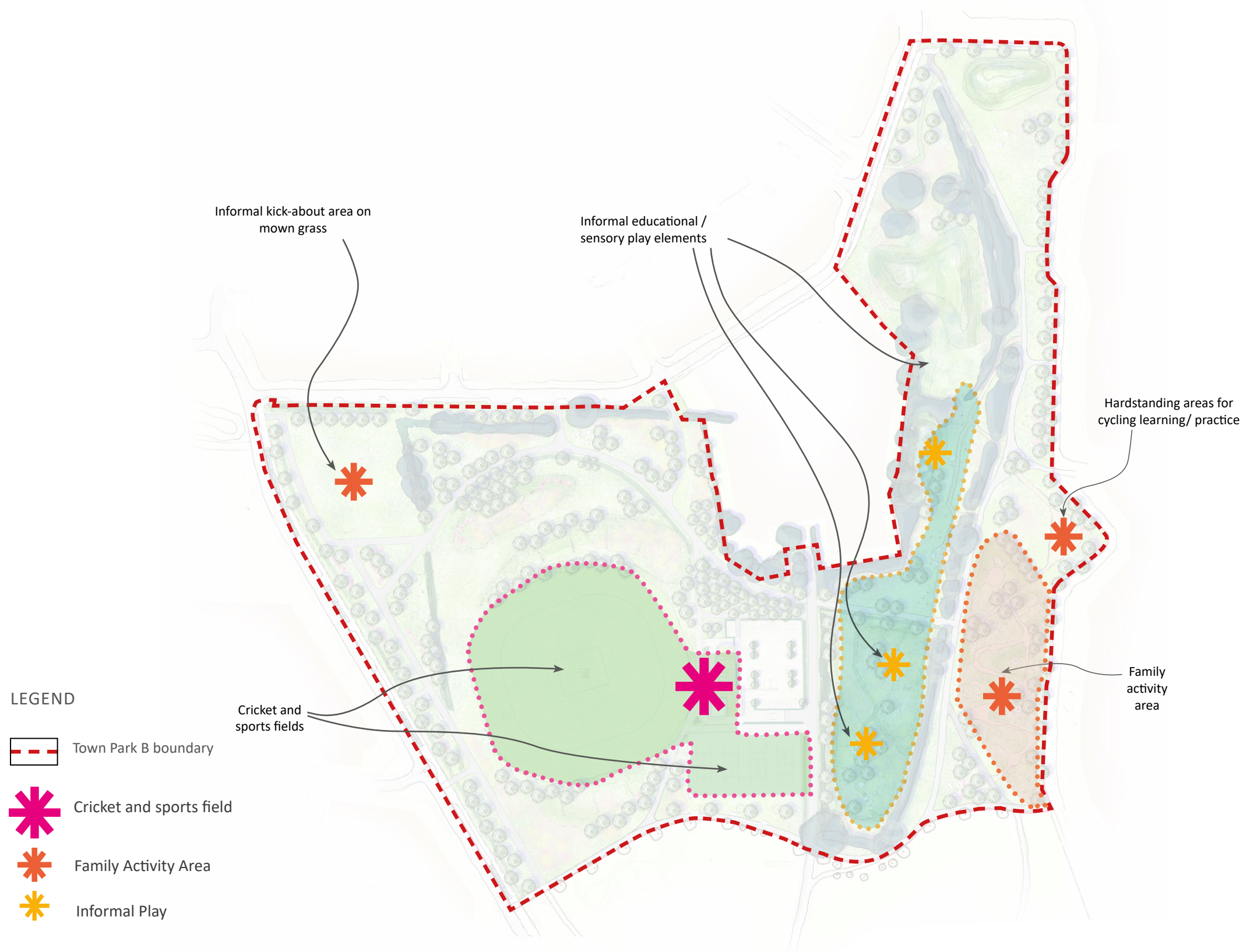
Wayfinding element (finger post/ signage) to be installed and colour coded in line with wider wayfinding strategy.

10.0 PLAY AND SPORTS STRATEGY

The proposed play areas and elements aim to provide a variety of play opportunities for the surrounding community. Each play feature is designed to suit its location and offer a wide range of play experiences for users.

Key design principles for all play spaces:

- Providing a variety of play spaces for all ages with a wide range of formal and informal play opportunities set within green space that respect the proposed ecological habitats.
- Play spaces will be designed in accordance with local policies and FIT (Fields in Trust) guidance, providing incidental and informal playable spaces and features throughout the open spaces, in addition to all formal play areas implemented within Phase A of Town Park.
- Informal play and kick-about areas are incorporated within the design and encourage exploratory and sensorial play in this phase of the park which focuses on more natural features (existing vegetation, pond and ditches to be retained and enhanced, proposed earth mounding and natural areas).



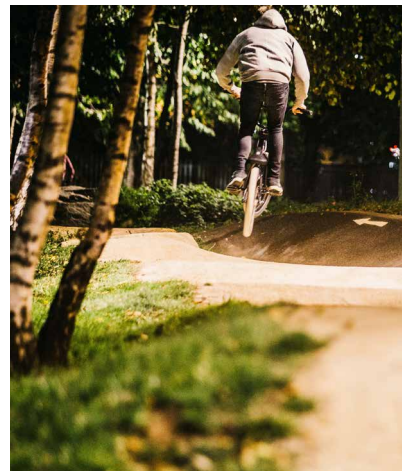
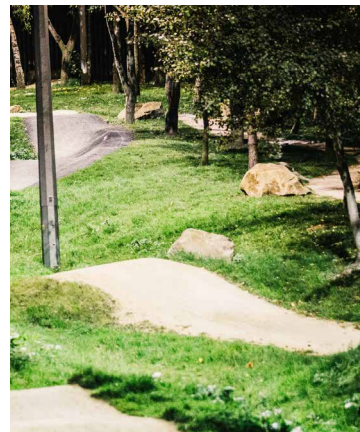
10.0 PLAY AND SPORTS STRATEGY



Cricket and sports field



Family Activity Area



Informal / Educational



11.0 ECOLOGY AND MANAGEMENT

The landscape proposals for the open space have been informed by existing ecological constraints, opportunities to enhance existing habitats and to create new ones. Management of these spaces will be crucial in achieving their full ecological benefits.

Bat and bird boxes installed on retained mature trees, but also hibernacula or felled trees placed within meadow, mounded areas and SuDS features will provide habitats for insects and educational play.

Plant species which are beneficial to wildlife have been specified throughout the scheme, from native to fruit trees and polen meadows. The plant palette includes species which bear fruit or flowers across the year to maximise seasonal benefits.

Refer to Ecologist's report for further details.

LEGEND

-  Town Park B boundary
-  Existing vegetation to be retained and enhanced
-  Existing pond to be cleared, reprofiled and enhanced for ecology and educational purposes
-  Wildflower Meadow
-  Wet Wildflower Meadow
-  Habitat associated with SuDS features
-  Area for relocated species-rich topsoil
-  Trees with ecology contribution (orchard, fruit bearing, flowering, native)
-  Biodiverse green roof to pavilion

Area of ecological interest - Common spotted, southern marsh and pyramidal orchids identified in this area along with other locally notable species. Proposals to re-use the top soil in this area after the mounds have been implemented, reseeding with a wild flower mix if required. Ecologist to advise and supervise works for topsoil re-use and the preservation of valuable species.

Existing pond to be cleared and enhanced to be maintained as wetland habitat and an ecology feature

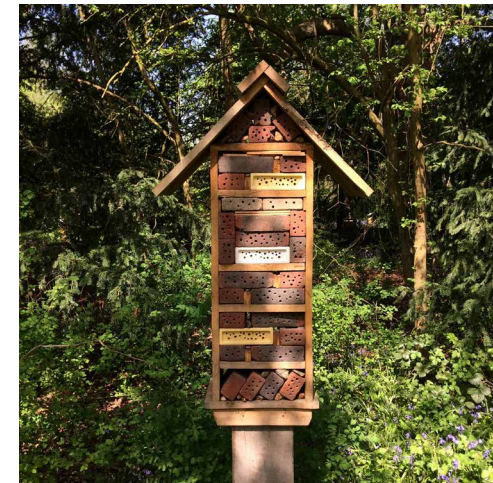


11.0 ECOLOGY AND MANAGEMENT



Common spotted Orchid

Marsh Orchid



Localised habitat features and projects

