

WESTERN OPEN SPACE

The western half of the site provides amenity space, sited southwest adjacent to Carr Lane Woods. Creating a green amenity buffer between the acoustic fencing of the development and the adjacent woods.

The public open space comprises of an open meadow area and pathway connection route, which follows the edge of the existing woodland planting, to the western boundaries.

- A new pathway along the south and western boundary, connects the development to the wider footpath network.
- Existing grassland to be overseeded where possible with wildflower, and a network of informal mown grass pathways will run through the wildflower / orchard area, with potential seating/ litter bin locations.
- The south western corner of the space has an existing mine shaft that could be cordoned off to provide an inaccessible wildlife area bound by a rural style timber fence.
- To the west open space shall provide a small community orchard with edible fruiting native trees and wildflower to provide foraging habitats to birds, bats and insects.
- The existing retained woodland edge to the West, will provide locations for bird and bat boxes
- providing seasonal nesting opportunities.
- The proposed acoustic fencing will be softened with new native tree & hedge planting to mitigate the view of the acoustic fencing from the new residential areas. With scallops and coppice to existing scrub.



PUBLIC OPEN SPACE & ORCHARD - NTS

NORTHERN & DEVELOPMENT AMENITY SPACE

Existing Woodland Thicket

- The northern half of the site boundary, sited adjacent to Carr Lane roundabout/road creating a green amenity buffer between the development and the existing road network.
- The space comprises of existing native planting and tree buffers to the boundaries, this area will be retained and managed to provide filtered views of the development.
- Existing trees will selectively be crown raised to 3m height.
- Additional native hedge planting will be incorporated along the swale to provide a boundary and a foraging/nesting network for birds.

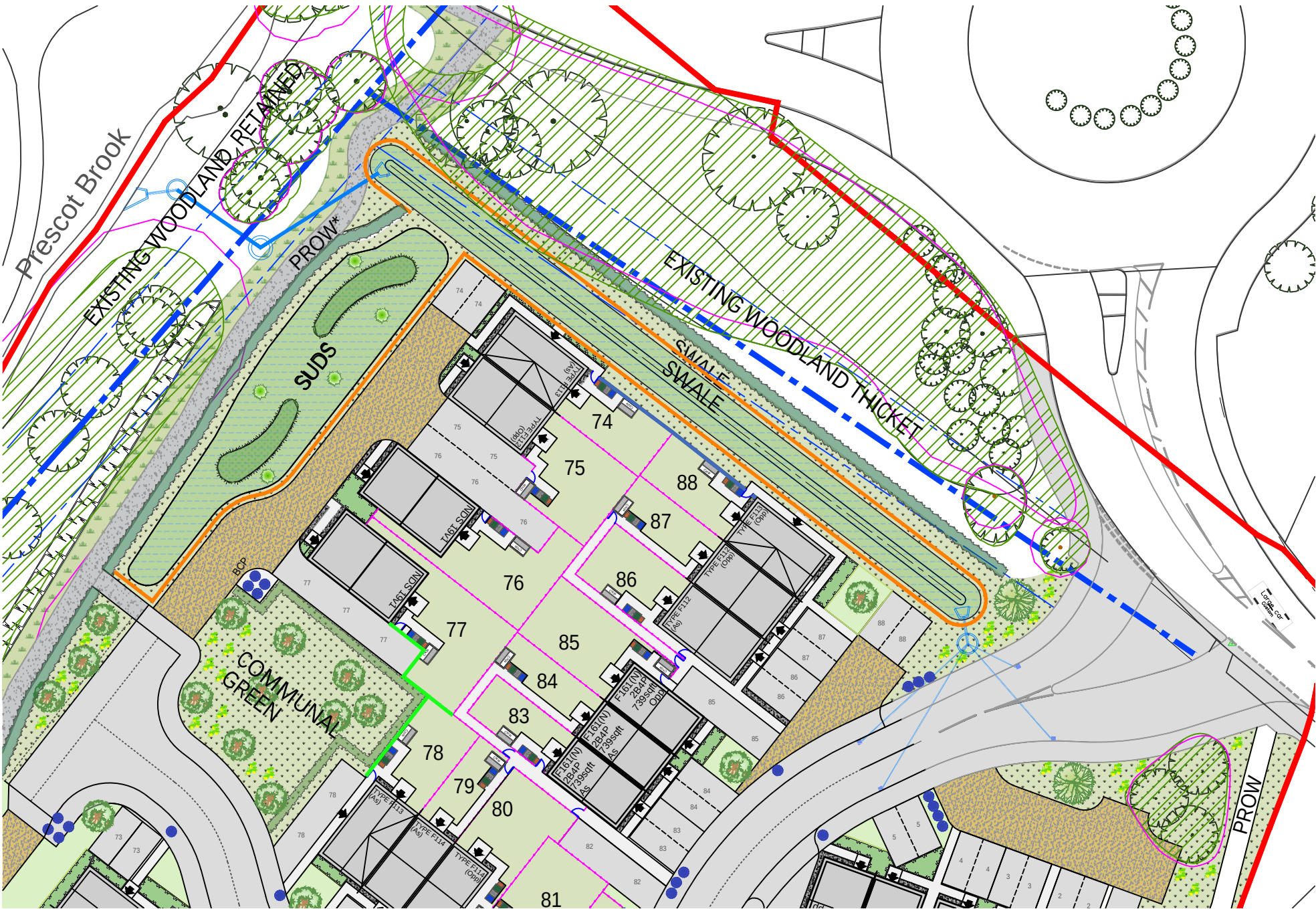
Attenuation areas

located north of the development, incorporating an attenuation basin and swale.

- The basins are designed with capacity to capture and hold water both above ground in heavy rainfall events.
- These pond and swale are predominately dry features and will only be wet at times of heavy rain fall, their surface will porous/permeable to allow for infiltration below.
- It is proposed that the attenuation area is planted with a wetland grass meadow with native planting to the embankments to promote biodiversity.
- The embankments will be a species rich lawn to keep the area mown at a reduced frequency.

Communal green space

- A small area of communal green space will provide an area of informal gathering for public health benefits.
- The area currently has an existing mine and will be re-purposed for informal public use.
- Seating and village green style planting will be used to provide shade whilst leaving a majority of the space as open species rich grassland & seasonal bulbs.



ATTENUATION & SWALE - NTS



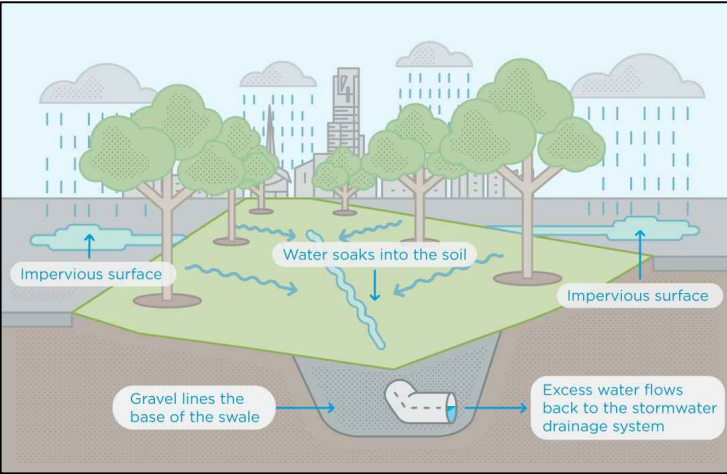
WILDFLOWER & ORCHARD MEADOWS



FRUITING TREES TO ORCHARD



BAT BOXES



ATTENUATION & SWALE



BIO-DIVERSITY STRATEGY

The landscape strategy adopts a best practice approach to the green infrastructure which promotes the creation of multi-functional and multi-beneficial spaces.

Key to this approach is ensuring that the design and future management results in a landscape that encourages biodiversity. This not only provides nature-conservation benefits to the wider area but enables residents to have access to nature within their immediate neighbourhood.

The following sets out our approach to multi-functional spaces and enhancement of biodiversity:

- Introduce a range of trees species, focusing on native species in open spaces with some non-native and fruiting species that will each attract a range of insects, birds etc.
- Create linear green corridors linking to the wider green infrastructure network
- Include a varied mix of shrubs and herbaceous plants that will provide food and shelter for wildlife including specific plants for pollinators.
- Incorporate species rich grass / meadow mixes to swales and meadow grassed areas which are low-maintenance to promote increased biodiversity.
- Incorporate existing species bee orchid within new wildflower meadows in the public open space
- Incorporate a range of bat and bird boxes throughout the development, focusing on creation of corridors.
- Include a structures such as log piles hibernacula, utilising wood from felled trees.
- Provision of hedgehog habitats including brush piles and increasing permeability across and beyond the site though fence lines.
- Adopt an appropriate management regime that promotes biodiversity.



BIRD BOXES



LOG PILES & HIBERNACULA