



BARNHILL GARDEN VILLAGE

Green Infrastructure Masterplan

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The landscape architecture proposal for Barnhill Green village is tenuously tied to the concept of continuity. The site's extension is generous and that's why it was always important to somehow unify the entire territory, using elements that would unify them. In vegetation, the same happens. Barnhill is a rural area, with a strong presence of loose stone walls, existing mature hedges accompanied by water lines, and it is important to maintain this character.

One of the elements that guarantees the continuity of our proposal is our "red route" that was built on the basis of urban acupuncture, in order to cover the entire space and connect it, when this route is interrupted, we place red vegetation, in order to create the illusion of its continuation.

The site presents different types of landscape, from tree-lined streets to more important and denser green areas such as wetlands, grasslands, riparian galleries, shrub edges.

Street trees are chosen to define character areas, a way of differentiating each neighborhood. In all character areas, however, care was taken to, whenever possible, allow the proximity of an area of denser vegetation, contributing to an important category, "Living with nature". However, it is in the park that the green structure is intensified, with the creation of habitats appropriate to the place, such as wetlands, riparian galleries along the river, woodlands, grasslands mixed with recreation areas.

All species were carefully selected, either because they are native, because of their importance to pollinators and wildlife, or because of adaptability to certain conditions, such as flooding, pollution, etc.



LEGEND

- BATS *
 - ALL IRELAND POLLINATOR MIX
 - BADGER EVIDENCES AND UNDERPASS
 - OTHER MAMMALS
 - OTTERS
 - WETLAND HABITAT
- *Based on found evidences

FAUNA FORAGING MAP @nts



BATS

Bat boxes to be provided throughout unlit parts of the park area such as the central retained hedgerow. Wetland feature as well as the planting plan will improve foraging opportunities for bat bases on bat preferable vegetation.

Lighting to be bat sensitive. All planting guided by the All Ireland Pollinator Plan will provide ample opportunities for bees. Bee hives to be a feature of the development, managed by the management co..

WETLAND

To value for newts and other amphibians, it's also of value for wetland birds, invertebrates and plants.

BIRDS

Wider food chain pyramid approach to encourage a mix of birds from Birds of Prey to Warblers, Thrushes, Finches and Tits. Wetland is likely to attract new species, such as, Sedge Warbler and Reed Bunting

BADGERS AND OTHER MAMMALS

Hedgehog, Irish hares and Pygmy shrews are probable species for this area, since activity has been noted in nearby lands. Rabbits are known to be present and relatively abundant.

INSECTS AND NEWS

Ponds to be created to encourage frog and newt activity on site. Bug hotels to feature in each of the podium courtyards.

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CLIENT
Alanna Homes & Alcove Ireland Four Ltd.

PROJECT TITLE
Barnhill Garden Village - Proposed development at Barnhill, Clonsilla, Co.Dublin

PROJECT ARCHITECT
CDP Architects / CWOB Architects / Delphi Design

SHEET TITLE
Green Infrastructure Masterplan

SHEET NO
21154_LP_G_GIM

SHEET SIZE
A1

SCALE
1/1500

REVISION
G

STAGE
Planning Stage

DATE
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