GREEN INFRASTRUCTURE MAP

Large Scale Residential Development at Blackglen Road, Sandyford, Dublin 18
sc1:500

The landscape architecture proposal for the LRD Blackglen Road in Sandyford, Dublin 18, focuses on creating a cohesive green infrastructure that supports biodiversity, enhances community engagement, and fosters a harmonious relationship between people and nature.

Wildlife Corridor and Refuge
A central feature of the proposal is a dedicated wildlife corridor that serves as a refuge for local fauna. This corridor runs from the northern boundary of the site, extends down to the southern edge, and continues toward the west. By providing a continuous pathway for wildlife movement, the corridor supports local biodiversity and connects different habitats across the development. The corridor is designed with native vegetation and is shielded from heavy foot traffic to ensure a safe and undisturbed passage for wildlife.

Public Open Space and Tree Trail
In addition to the wildlife corridor, the LRD includes a public open space tree trail, where wildlife meets people. This trail is designed to provide residents and visitors with an opportunity to observe, learn, and enjoy the natural environment. Along the trail, educational signage offers insights into the local ecosystem, highlighting native plant species and the wildlife that relies on them.

The tree trail is populated with a variety of native trees and shrubs, providing a rich backdrop for birdwatching and nature walks. Rest areas with benches and picnic spots are strategically placed to encourage visitors to pause and appreciate the surroundings. The trail is accessible to people of all ages and abilities, ensuring that everyone can engage with nature and gain a deeper understanding of the local environment.

Community Engagement and Education
The wildlife corridor and tree trail play a crucial role in fostering community engagement and education. Regularly scheduled events, such as guided nature walks and wildlife observation sessions, are organized to encourage residents to interact with the natural environment. These activities promote environmental stewardship and raise awareness of the importance of preserving local ecosystems.

The inclusion of these features in the LRD at Blackglen Road demonstrates a commitment to creating a sustainable and vibrant community that values both human and natural connections. By integrating wildlife-friendly elements and providing public spaces for interaction with nature, the development creates a unique and enriching experience for all who live and visit the site.

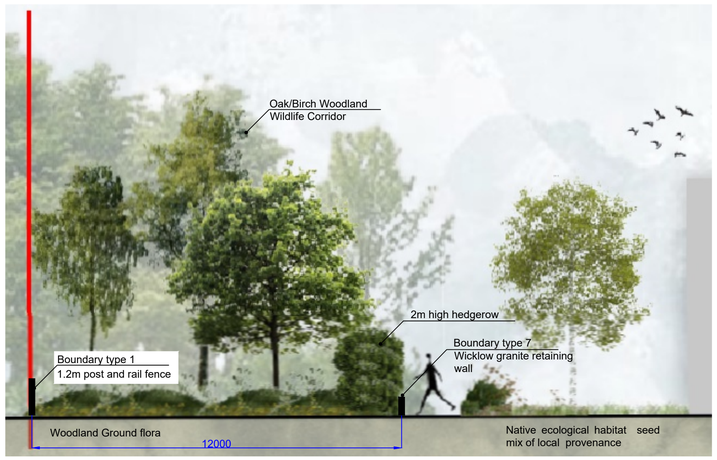




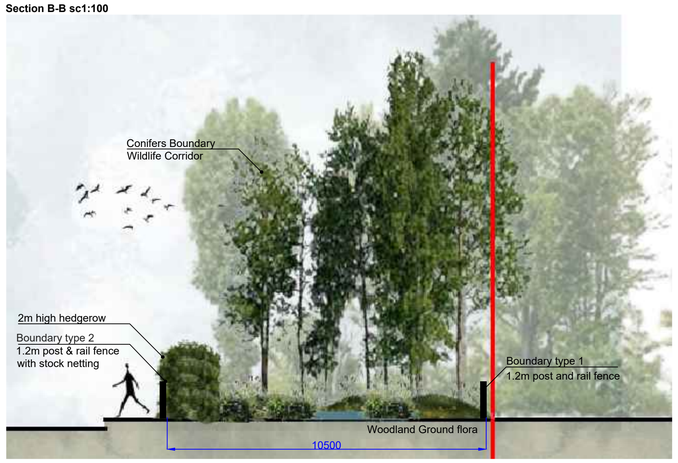


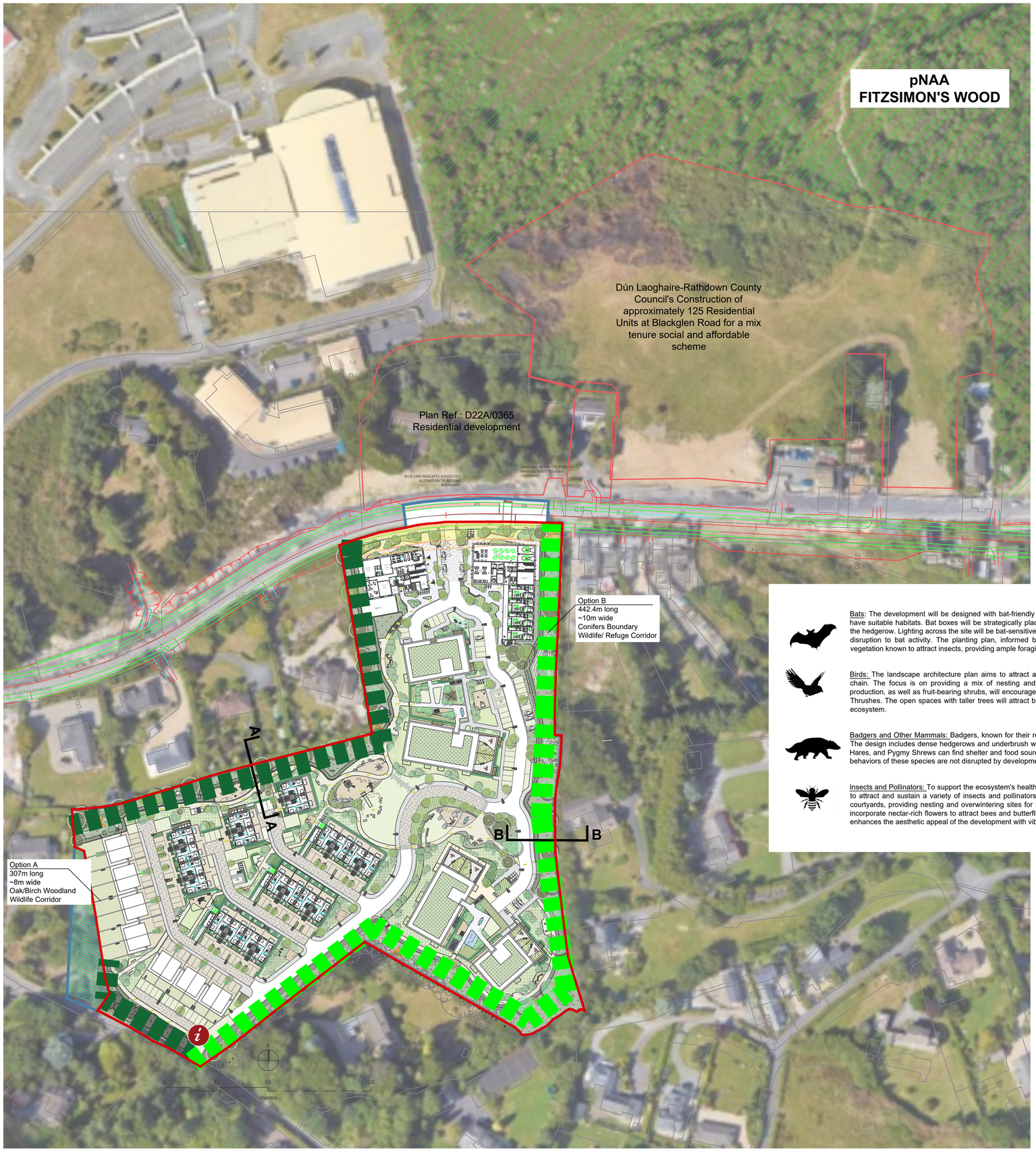
These designed information and education displays are a feature of the nature trail. They act as a way finding tool as well as an education tool to inform the public about the environmental credentials of the site. Stops along the way inform the public about the bat species found on the site and the efforts being made to encourage roosting and foraging opportunities for bats. Other boards will inform the public on the species of native trees found along the woodland trail and show leaf ID boards along the route. Overall the green ribbon concept aims to be an inclusive tool for the wider public community and as a gateway link from the Dublin Mountains to Fitzsimons Wood.

Section A-A sc1:100



Section B-B sc1:100





Reference Images






Bats: The development will be designed with bat-friendly features to ensure these important nocturnal mammals have suitable habitats. Bat boxes will be strategically placed throughout unlit areas of the park, particularly along the hedgerow. Lighting across the site will be bat-sensitive, using low-intensity and warm-colored lights to minimize disruption to bat activity. The planting plan, informed by the All-Ireland Pollinator Plan, includes a variety of vegetation known to attract insects, providing ample foraging opportunities for bats.

Birds: The landscape architecture plan aims to attract a wide range of bird species, promoting a healthy food chain. The focus is on providing a mix of nesting and feeding habitats. Tree species chosen for their seed production, as well as fruit-bearing shrubs, will encourage a variety of small birds such as Finches, Warblers, and Thrushes. The open spaces with taller trees will attract birds of prey like Kestrels and Owls, creating a balanced ecosystem.

Badgers and Other Mammals: Badgers, known for their reclusive nature, require undisturbed areas for their sets. The design includes dense hedgerows and underbrush where badgers and other mammals like Hedgehogs, Irish Hares, and Pygmy Shrews can find shelter and food sources. These areas will be monitored to ensure the natural behaviors of these species are not disrupted by development activities.

Insects and Pollinators: To support the ecosystem's health, the development will include several features designed to attract and sustain a variety of insects and pollinators. Bug hotels will be integrated into each of the podium courtyards, providing nesting and overwintering sites for beneficial insects. Additionally, the planting strategy will incorporate nectar-rich flowers to attract bees and butterflies. This approach not only supports pollinators but also enhances the aesthetic appeal of the development with vibrant colors and pleasant fragrances.

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REV	DATE	REVISION	DRAWN	CHECKED
J	06/12/24	Green Infrastructure Map	PS	JG

CLIENT
Zolbury Ltd

PROJECT TITLE
Large Scale Residential Development at Blackglen Road, Sandyford, Dublin 18

PROJECT ARCHITECT
OMP Architects

SHEET TITLE
Green Infrastructure Map

SHEET NO.
23170_Blackglen_PA_J_GIM

SHEET SIZE
A1

SCALE
as shown

REVISION
J

STAGE
Stage 3 – LRD Planning Application

DATE
December 2024

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