

4 Landscape Design

Eco Walk



- 1 Biodiverse planting all along the path
- 2 Seating immersed in planting
- 3 Natural trail elements
- 4 Meandering path

Creating an inviting and green link with high ecological value and sense of discovery. Incorporating a nature trail and immersive board walks adds to the sense of exploration in this space.

Character Area Objectives:

- > biodiverse planting with seasonal interest
- > incorporation of ecological interventions such as bird boxes, bird baths, insect hotels, squirrel ropes
- > footpaths immersed in dense planting
- > nature trail explorative elements nestled into planting
- > character area to function as a wildlife corridor, connecting to the wider green infrastructure network



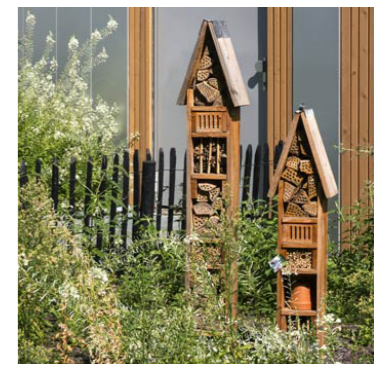
Catering for birds



Pollinator-friendly planting



Bird boxes



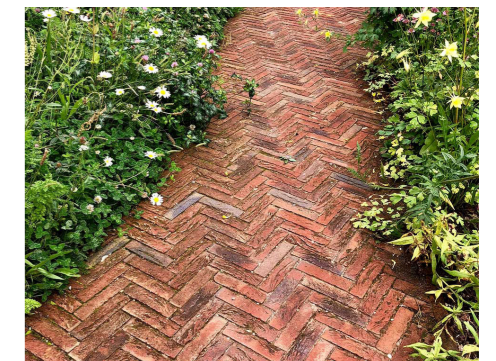
Insect hotels



Nature trail elements



Natural seating/ explorative play elements



Reclaimed brick footpath

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05 Landscape Strategies

5 Landscape Strategies

Movement and Access



Pedestrians and Cyclists

Main pedestrian access is from S Worple Way through a straight path connecting to all three building blocks, as well as providing access to the Orchard Garden and Play Garden. A secondary entrance on north-east corner takes pedestrians to the low rise buildings located on that corner and passing through the orchard and Border Garden, connects to the Eco Walk and Grow Garden.

Main cycle entrance is located on north-east corner of the site,

which connects to the guest cycle stands by the community building as well as the cycle storage at back of Block C.

Streetscape and Servicing

The main vehicular access is provided from north-west corner of the site, directing vehicles to the parking below the buildings and the blue-badge parking spaces along western boundary.

An emergency vehicle access is also provided from eastern side

of the north boundary, passing around the Orchard to provide access to all building blocks.

5 Landscape Strategies

Green and Blue Infrastructure

Green Infrastructure

The green infrastructure approach to the site includes tree planting, shrub planting, ecological planting, hedgerows and biodiverse roofs.

The proposed tree planting will strengthen the GI network and the other greening features will help diversify local ecology. This will also create a biodiversity net gain for the site.

An orchard garden with fruit trees and wildflower planting as well as a 'Grow Garden' with allotments planted and managed by the residents, a grove of fruit trees and groundcover edible beds create the two anchor green spaces on site.



Green Infrastructure

- Existing green assets
- Primary green link
- Secondary green link
- Anchor green space
- Pocket green space
- Intensive biodiverse roof

Blue Infrastructure

The proposed drainage strategy integrates features of a Sustainable Drainage system (SuDS) into the open spaces of the site. Surface water is collected through gullies and permeable surfaces on the ground floor.

The permeable planted areas of the site and the large areas of biodiverse roofs help to reduce storm water run-off rates.



Blue Infrastructure

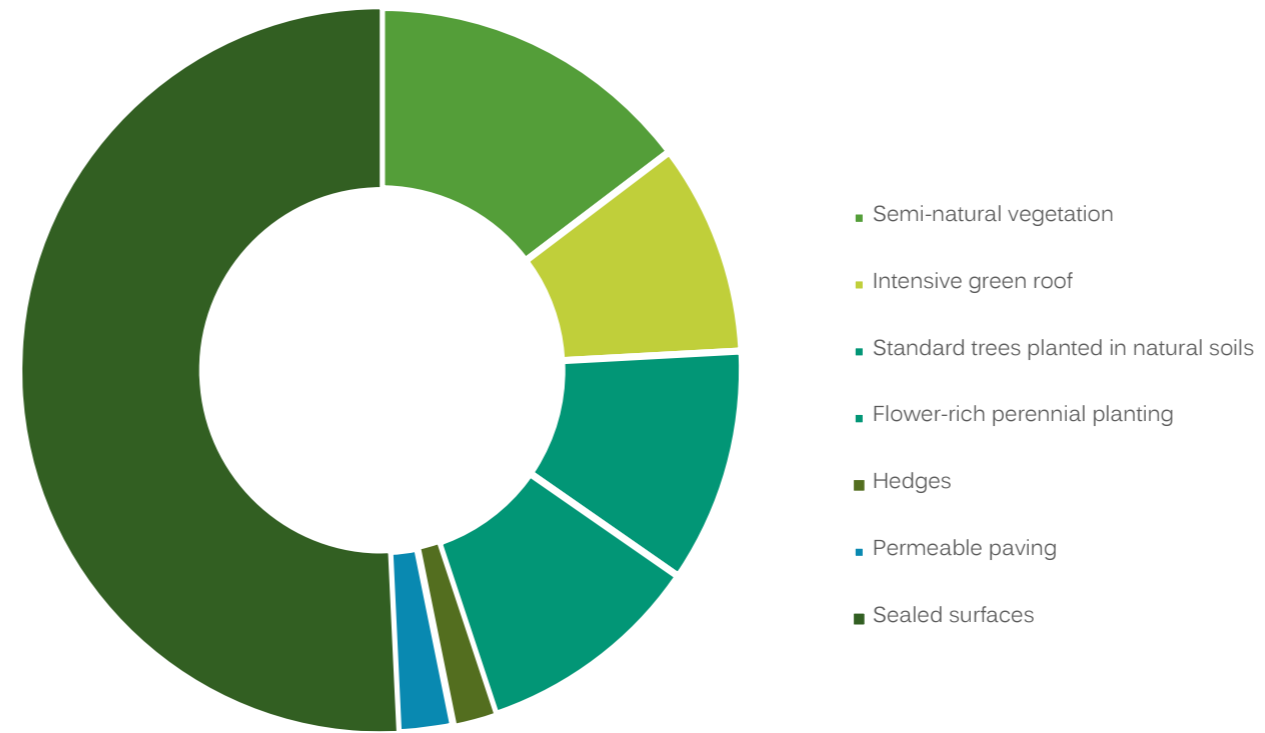
- Primary blue infrastructure link
- Secondary blue infrastructure link
- Fall direction
- Permeable hard landscape surfaces

5 Landscape Strategies

Urban Green Factor

The Mayor of London and the New London Plan recommends an Urban Greening Factor (UGF) target score of 0.4 for developments that are predominately residential, and a target score of 0.3 for predominately commercial development.

We have sought to maximise the UGF rating and meet the 0.4 policy target through a combination of green infrastructure measures, such as hedgerow planting, flower rich planting, specimen trees, and ecological planting. The UGF for Barnes Hospital is rated 0.49



URBAN GREENING FACTOR SCORE

0.49

NOTES

Trees have been calculated with estimated mature canopy extent (calculation method to be clarified with GLA)

5 Landscape Strategies

Amentiy & Public Open Space



Existing Useable Open Space

	Useable open amenity space for public and residents	250 m2
	Roadway, parking and unusable, overgrown vegetation space	4438 m2



Proposed Useable Open Space

	Useable open amenity space for public and residents	4666 m2
	Roadway and parking space	532 m2

Approach Amenity & Public Open Space

The proposed scheme drastically improves the amount of amenity and public open space offered on site. The existing site is full of hard surfacing for the roads and parking areas on site and includes little to no amenity space for users to enjoy the outdoors.




The proposed scheme incorporates a variety of large open spaces that both the public and the residents can enjoy. This promotes

a connection to their natural environment, encourages biophilia and improves connections to each other and strengthens the sense of community within the development.

5 Landscape Strategies

Amentiy Space



	Amenity Space Type 01 Informal Communal Break Out Spaces	78m ²
	Amenity Space Type 02 Communal Dining Area	20m ²
	Amenity Space Type 03 Solo Respite Areas	65m ²
	Total Additional Amenity Space	163m²

Amenity Strategy

The aim of the amenity strategy is to ensure there are a variety of spaces for residents and the public to enjoy, gather, relax, and rest outdoors. The amenity areas accomodate for communal dining, solo respite, and informal communal breakout spaces.