

Phase 8A, Berewood, Hampshire

A Sustainable Location for Development



The proposed development at Phase 8A, Berewood, Hampshire will deliver a sustainable, high-quality development providing 185 dwellings, associated parking and landscaping. The development will incorporate sustainable measures in response to long term climate change, preserving the physical environment and creating healthy and well-connected communities.

Sustainable Location



The site is located off London Road, which runs southwest to northeast from Berewood to Waterlooville along the south-eastern boundary of the site. There is a good range of amenities and services within walking distance of the proposed site, meaning it provides an excellent opportunity to create a sustainable development.



Policy



Climate emergency – Havant Borough Council has committed to achieving net zero carbon emissions by 2050.

Climate and Environment Emergency Strategy - Havant Borough Council has produced the Havant Borough Climate and Environment Strategy which sets out the targets to achieve as a Borough.

Adopted Havant Borough Local Plan - The Havant Borough Core Strategy was adopted in Mar 2011. Policy CS14 Efficient Use of Resources and Policy CS16 High Quality Design outline the requirements for new development to support sustainable development, and address climate change through mitigation and adaptation measures.

Emerging Havant Borough Local Plan - The Havant Borough Council is preparing a new local plan focussing on the key issues the new local land will need to address including climate change.

Local Amenities and Accessibility



Key local amenities - The site benefits from a range of local amenities including a primary school, a library, several restaurants / takeaways / cafés / pubs / convenience stores, supermarkets, post offices, a retail park, approximately 1 – 2km from the site, accessible by walking, cycling and bus services.



Bus services - Several bus stops are located on London Road on the south-eastern boundary of the site, providing links to Waterlooville, Havant and Portsmouth.



Rail services – Havant Railway Stations is c.6km of the site providing regular re-service to London Waterloo and Portsmouth Harbour.

Sustainable Transport

To facilitate sustainable transport and align with Policy CS20 Transport and Access Strategy of the adopted Havant Local Plan, the wider development will include:



Establish new pedestrian and cyclist routes;



Cycle discount vouchers and bus taster tickets provided for residents;



Secure cycle parking facilities to be located across the development;



Proposed new and redirected bus services.

The proposals will make walking, cycling and public transport a practical choice linking to the range of the nearby services and facilities.

Social Benefits

The development design will include a wide range of measures to enhance wellbeing and community benefits including:



A principal east-west residential street connecting the Town Park to triangular green space next to London Road, which can be used to encourage outdoor games and informal activity;



Provision of a cycleway and green buffer between northern boundary and existing allotments;



Houses addressing the Town Park, cycleway and green space to provide surveillance and enclosure.

Phase 8A, Berewood, Hampshire

Sustainable Design and Meeting the Challenge of Climate Change

BLOOR HOMES®

The design of the proposed development at Phase 8A, Berewood, Hampshire will include a sustainability strategy which is innovative, flexible and fit for the future. A range of measures will be incorporated into the development design to enhance the sustainability of the development ensuring it is resilient to the future impacts of climate change as well as reducing carbon emissions.

Biodiversity

The proposed development will include a range of ecological mitigation and enhancements to achieve at least a 10% in biodiversity net gain. Key biodiversity enhancements include:



Linear green spaces to incorporate hedgerows, SuDS and new native tree planting;



Bat boxes/roosting features to be installed;



Bird boxes/nesting features to be incorporated into the fabric of the building;



Cut-outs to be provided to allow free movement of hedgehogs and other small mammals between gardens post-development.

Climate Change Adaptation



Flood Risk - The site is located in Flood Zone 1 meaning there is less than 0.1% annual probability of river flooding.

In line with **Policy CS15 Flood and Coastal Erosion Risk**, surface water run-off from the development will be managed by Sustainable Drainage Systems (SuDS), designed to accommodate a 100yr plus 30% climate change storm event.



Sustainable Water Use - To reduce the pressure on potable water availability, new homes will achieve a water consumption rate of 110 l/p/d by incorporating water efficiency measures such as water meters and low flow fittings.



Overheating - Homes will be designed in accordance with the latest Building Regulations Part O. This sets out new requirements for overheating assessments to consider future climate projections and increasing summer temperatures to inform the design to minimise the risk of overheating.

Reducing Energy Use and GHG Emissions: Delivering low carbon homes

Bloor Homes recognise and support the local and national climate emergency. The energy strategy has been designed in line with Havant's Local Plan and Climate Change Strategy. The homes at Phase 8A, Berewood will aim to exceed the requirements of Part L Building Regulations 2021 through the implementation of the energy hierarchy, emphasising:



Reducing energy use through passive design and fabric first principles;



Energy efficiency through passive solar gains, natural light and ventilation, high levels of insulation and air tightness, and efficient heating and water systems with advanced controls;



All-electric systems including Air Source Heat Pumps (ASHPs) and roof spaces suitable for the inclusion of Solar PV supporting the UK's trajectory to a Net Zero Future."

8. Energy Storage

Energy storage in hot water tanks, EVs and possibly batteries to reduce bills and CO₂ emissions

4. Daylighting / Overheating

Glazing optimised for good daylight but minimising risk of overheating

5. All Electric Energy

No gas on-site with zero air pollution

9. EV Charging

Electric charging points alongside cycle storage provided

6. Air Source Heat Pump

Very low carbon heating

7. Solar Power

Roof spaces suitable for the inclusion of Solar PV panels

1. Good Fabric

Designed in accordance with future home standards for low energy demand

3. Smart Controls

Advanced controls for managing energy smartly

2. Efficient

Low energy fixtures and fittings, where provided, alongside water efficiency measures

