



SUSTAINABILITY

Newhall is planned as a sustainable and efficient neighbourhood. The following initiatives are employed:

- Sustainable water management and urban drainage systems (SUDS) including permeable conveyance systems, filter drains and swales.
- Shelter belts with a mix of species give both protection from wind and visual amenity.
- Street trees.
- Buildings maximise opportunities for solar gain through orientation, dwelling type and internal layout, without compromising the public realm.
- Buildings minimise energy loss and resource use.
- Buildings are adaptable to accommodate changing circumstances and lifestyle flexibility.
- Promotion of waste reduction, re-use and recycling.
- Information and advice on sustainability measures is supplied to all new residents.

Approximately 42% of the site is retained as landscape setting, either within the neighbourhood or in the form of green wedges. Existing features and areas of special habitat value, such as woodlands, streams, isolated trees, hedgerows and species rich grassland, have been conserved and linked to form habitat corridors. In addition, new habitats have been created and are now being colonised by rare and protected species.

The landscape framework, which includes planting to streets and squares, has been laid out such that most residents are no more than a 60m walk from green spaces. Landscape at Newhall is designed to be multi functional with sports pitches and play areas designed to be used throughout the day. There are also opportunities within the masterplan for areas of productive land in the form of woodland areas or community orchards.

1 *Landscape feature at Newhall created from construction spoil*

2 *Species rich grassland at Newhall*

newhall