Winterbourne Fields

Parking Strategy

The transport vision for Winterbourne Fields is to create a vibrant, sustainable and landscape led community, based around a network of green streets - maximising green-blue infrastructure opportunities whilst ensuring that car parking does not dominate the streetscape. To help achieve this, a new innovative concept for parking on site has been created. This ensures delivery of the vision whilst providing flexibility in design.

Guiding Principles

- Implement measures to reduce private vehicle use, promoting active travel and public transport use - seeing a reduction in overall car parking numbers on site;
- The use of three residential parking typologies to provide flexibility across the site and reflect street character;
- Access to car club vehicles to encourage residents to reduce car ownership levels;
- Deliver sustainable infrastructure - highest quality walking and cycling infrastructure, and increased provision of EV charging for private and public spaces;
- Flexibility in non-residential parking areas to reflect differing periods of peak use;
- Engender a culture of car-free living by discouraging car ownership through stewardship and sustainable travel options; and,
- Implement a 'Vision & Validate' process supporting the sustainable travel strategy, underpinned by 'Monitor & Manage' across the development.

STANDARD
On-plot parking spaces, the traditional arrangement for housing developments resulting in lower densities, wider streets and larger areas of hard standing

HYBRID
A mixture with some on-plot spaces and others parking in centralised courts - provides more dense layouts and greater opportunities for sustainable infrastructure

CENTRALISED
All residents parking in street facing, centralised areas supported by mobility hubs - provides higher density layouts and greener streets free from parked vehicles

Centralised Parking:

Located within 3 minutes walk of homes providing easy access for residents

High-quality design to complement the street scene, mitigating antisocial behaviour

Create opportunities to increase biodiversity net gain with green roofs and walls, insect hotels and bird boxes

Canopies covering parking spaces create shade and help reduce urban heat island effect on site

Permit-controlled, reserved spaces for residents

Greywater recycling tanks can be situated under parking structures

Opportunities for community solar PV installations

Access to EV charging for all residents and visitors

Benefits:

- Access to residential streets will be limited for drop-off/pick-up, deliveries and emergency vehicles - resulting in narrower carriageways, fewer vehicle movements and reduced visual impact from parking;
- Greener streets and reduced vehicle use will improve air quality, reduce carbon emissions and reduce heat islands on site;
- Parking can be managed more effectively, with visitor parking integrated within central areas - further reducing parking numbers and embedded carbon;
- As demand for parking falls there will be scope to remove spaces and re-green areas;
- Opportunities to use EV batteries for site power management - providing virtual power stations fed by idle EV batteries.

Narrower carriageways increases space for sustainable infrastructure creating greener streets

SHAPTOR
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