

PEC Homes Design Principles

Setting the scene

Zero Carbon – net zero carbon development

- Low energy
- Fabric first – Energiesprong
- Modern Methods of Construction (MMC)
 - panelised or volumetric
- Solar orientation
- Renewable Energy – communal heat and power

Travel and Transport – encourage walking, cycling, use of public transport

- Car club
- Cycle facilities – bike storage, bike chargers, bike house
- Bus route
- Pragmatic approach to parking – futureproofed
- Visitor parking

Land and Nature and local sustainable food – a natural environment

- Ecological emergency
- Biodiversity net gain
- Quality communal green space
- Food production - allotments

Equity and economy – supporting community

- 100% affordable housing
- Meeting local housing need
- Community ownership
- Tenant management
- Community engagement and cohesion

Zero waste – reduce, reuse and recycle

- In construction
- In everyday life

Culture, community health and happiness – a great place to live

- Community cooperation
- Health and well-being
- Place-making principles
- Sense of place

Sustainable water

- Sustainable Urban Drainage

Materials and products

- Sustainable materials
- Minimise waste
- Local suppliers and manufacturers