

Climate Change Statement

Site Address: 2, The Oaks, Salendine Nook, Huddersfield, HD3 3TQ

Description of Development: Single-storey side extension to existing dwelling

Q1: Measures to reduce energy demand (beyond Building Regulations)

- New walls, roof and glazing will exceed the minimum U-values required under Part L.
- Energy-efficient lighting and heating will be installed.

Q2: Measures to limit carbon in construction

- Existing materials (such as bricks and hardcore) will be reused where practical.
- New materials will be sourced locally where possible to minimise transport impacts.

Q3: Use of renewable or low-carbon energy sources

- The small scale of the extension makes on-site renewable technology unfeasible.
- The extension has been designed to allow for future integration of renewable energy at the wider property.

Q4: Optimising building design and layout for energy efficiency

- Compact form minimises external wall area and heat loss.
- High-performance insulation and double glazing specified to reduce energy demand.

Q5: Reducing potential flood impacts

- Surface water will drain to existing systems.
- Any new hardstanding will use permeable materials where appropriate.

Q6: Reducing water stress

- All new fittings will comply with Part G of the Building Regulations, using water-efficient appliances.

Q7: Providing biodiversity net gains

- The proposal is a domestic householder extension which is exempt from the statutory Biodiversity Net Gain requirement under the Environment Act 2021.
- Given the negligible scale and impact of the works, no biodiversity measures are proposed as they would not be reasonable or proportionate.

Q8: Reducing air pollution

- Construction works will be short-term and low-impact.
- Dust will be controlled through standard good practice measures.