

Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant/ agent	Mark Lowe (Agent)
Site Address	51 Fountain Street, Roberttown, Liversedge, WF15 7PT
Description of Development	Construction of dorma to rear of property and conversion of the existing conservatory to traditional tiled roof, in 'lean to' style.

Part 2: Climate Change Mitigation measures

Please respond to the following questions considering the measures set out in the Climate Change Guidance note:

Q1: What measures have been/will be taken to reduce the energy demand associated with your proposed development beyond the minimum required in Building Regulations? (See section 2)

The proposed development will use high-performance building materials and insulation to improve thermal efficiency over and above the requirements under the building regulations. These measures should help to reduce heat loss during the colder months and mitigate unwanted solar heat gain through the year, ensure optimal conform levels reducing energy consumption and improving sustainability.

Q2: What measures have been/will be taken to limit the carbon consumed through the implementation and construction processes, e.g. by reusing existing on-site materials or sourcing materials locally? (See section 3)

The construction will leverage the existing structure, thereby reducing reliance on new materials. By utilising the existing foundations, the need for additional concrete, a significant contributor to embodied carbon, will be eliminated, thereby curbing carbon emissions.

Every endeavour will be made to source necessary timber components, such as floor joists and framing, from local and sustainable lumber yards.

Careful consideration has been given to the selection of external materials, prioritising durability and minimal maintenance needs to ensure longevity.

Where feasible, window frames from the current conservatory will be repurposed, aligning with our commitment to sustainable practices.

Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)

Given the nature of the development there no requirement for any new energy sources.

Q4: What measures have been/will be taken to ensure the building design and layout has been optimised to energy efficiency beyond the minimum requirements in Part L of the Building Regulations ? (See section 5)

Installing a traditional tiled roof structure in place of the existing glass conservatory roof on the northern elevation will result in fewer north-facing windows and contribute to stabilising temperatures within the property. This adjustment will consequently lower the need for artificial heating and cooling, promoting energy efficiency and comfort.

Q5: What measures have been/will be taken to reduce potential impacts of flooding associated with your proposed development? (See section 6)

Given that the proposed works do not expand the roof area or introduce additional hardstanding, there will be no increase in rainwater runoff compared to that of the existing building. Therefore, the development is not anticipated to worsen flooding concerns.

Q6: What measures have been/will be taken to reduce water stress associated with your proposed development? (e.g. Water retention and minimisation measures) (See sections 7 and 8)

The planned bathroom will feature only a shower to reduce water consumption. Additionally, the toilet will incorporate a dual flush system, and all taps are proposed to have air-entrained features. These measures are aimed at conserving water while ensuring functionality is maintained.

Q7: What measures have been/will be taken to provide biodiversity net gains? (See section 8)

Given the nature of the development, there will be no impact on biodiversity.

Q8: What measures have been/will be taken to reduce air pollution associated with your proposed development? (See section 9)

The development does not reduce any green area associated with the property nor does it involve the removal of any vegetation.