

Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

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| Name of applicant/agent | |
| Site Address | |
| Description of Development | |

Part 2: Climate Change Mitigation measures

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| 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 improve the thermal performance of the existing garage through the introduction of upgraded insulation to the walls and floor elements in accordance with, and where practicable exceeding, the requirements of Approved Document Part L. New windows and doors will comprise energy efficient double glazed units with low U-values. Low energy LED lighting will be utilised throughout the converted accommodation to reduce operational energy demand. |
| 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 proposal reuses the existing building structure, significantly reducing the embodied carbon associated with demolition and new construction. Existing materials and structural elements will be retained wherever practicable. Materials and products will be sourced locally where possible to reduce transportation impacts and support local suppliers. |
| Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4) |

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| <p>The scale of the development does not necessitate standalone renewable energy installations. However, the proposal will improve the energy efficiency of the existing dwelling and remains capable of accommodating future low carbon technologies such as photovoltaic panels or air source heat pumps if required by the homeowner.</p> |
| <p>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)</p> |
| <p>The design seeks to maximise the reuse of the existing built form while improving the thermal envelope of the converted accommodation. Energy efficient glazing and insulation upgrades will minimise heat loss. The proposed layout also benefits from natural daylight provision, reducing reliance on artificial lighting during daytime hours.</p> |
| <p>Q5: What measures have been/will be taken to reduce potential impacts of flooding associated with your proposed development? (See section 6)</p> |
| <p>The proposal relates to the conversion of an existing garage and does not significantly increase impermeable surface areas or alter existing site drainage arrangements. The development is therefore not expected to increase flood risk on or off site.</p> |
| <p>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)</p> |
| <p>Water efficient sanitary fittings and appliances will be utilised where practicable to reduce water consumption. The proposal does not materially increase water demand beyond that associated with a typical residential dwelling.</p> |
| <p>Q7: What measures have been/will be taken to provide biodiversity net gains? (See section 8)</p> |
| <p>Given the nature and scale of the proposal, opportunities for biodiversity enhancement are limited. However, existing garden areas will be retained and protected during construction. Opportunities for minor biodiversity enhancements, such as additional planting, may be incorporated by the homeowner.</p> |
| <p>Q8: What measures have been/will be taken to reduce air pollution associated with your proposed development? (See section 9)</p> |
| <p>The proposal is domestic in scale and is not expected to generate significant additional traffic or air pollution. Construction activities will be temporary in nature and managed appropriately to minimise dust generation. The improved thermal performance of the development will also assist in reducing overall energy consumption and associated emissions.</p> |