Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant	Mr Hassaan Hosany
Agent	Lizben Consult
Site Address	12 Alderney Road, Dewsbury, Kirklees, WF12 7ET
Description of Development	Proposed conversion of existing attached garage into habitable accommodation (bedroom), including replacement of the garage door with an external wall and window and associated internal alterations.

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 conversion will incorporate insulation to the existing external walls, floor and ceiling as required, together with energy-efficient glazing and draught-proofing. Insulation performance will aim to exceed minimum Building Regulations requirements where practicable. LED lighting and appropriate heating controls will help minimise energy consumption.
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 retains the existing garage structure, avoiding demolition and new construction associated with an extension. Existing walls, ceilings and foundations will be retained where suitable. Materials will be responsibly sourced, preferably from local suppliers, with construction waste minimised through efficient ordering, reuse and recycling.
Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)
No separate renewable energy installation is currently proposed. The converted room will utilise the dwelling's existing heating and electrical systems, with energy-efficient lighting and improved insulation to reduce demand. Opportunities to integrate future low-carbon heating or renewable energy systems will remain available.

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)
The conversion makes efficient use of the existing building footprint without increasing the dwelling's external dimensions. The proposed window will provide natural daylight and ventilation, reducing reliance on artificial lighting. Improved insulation, airtightness and careful detailing around the new window and external wall will minimise heat loss and thermal bridging.
Q5: What measures have been/will be taken to reduce potential impacts of flooding associated with your proposed development? (See section 6)
The proposed conversion will remain within the existing building footprint, with no increase in roof area or impermeable ground coverage. Existing surface-water drainage arrangements will be retained where suitable. Floor levels, damp-proofing and junctions around the replacement garage door opening will be appropriately detailed to prevent water ingress.
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 proposed bedroom will reuse an existing toilet facility, with no additional sanitary installations proposed. Existing water supply and drainage arrangements will be retained, and no significant increase in water demand is anticipated. No additional hardstanding or alterations to existing rainwater drainage are proposed.
Q7: What measures have been/will be taken to provide biodiversity net gains? (See section 8)
The development is confined to the existing garage, with no proposed removal of trees, planting or garden areas. Existing landscaping and permeable areas will be retained. Where practicable, small-scale biodiversity enhancements, such as pollinator-friendly planting, may be introduced within the existing garden.
Q8: What measures have been/will be taken to reduce air pollution associated with your proposed development? (See section 9)
Construction activity will be limited to the existing garage conversion, reducing the need for extensive building works. Dust and waste will be controlled, unnecessary vehicle idling avoided, and deliveries coordinated where practicable. Improved thermal performance and energy-efficient lighting will help reduce operational energy demand. No additional combustion-based heating appliance is proposed.