**Appendix A – Climate Change Statement**

**Climate Change Statement for Planning Applications**

**Part 1: Applicant details**

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| Name of applicant/agent | Rubeen Kadri |
| Site Address | 14, Ladyroyd Drive, East Bierley, BD4 6RP |
| Description of Development | Double storey extension & loft conversion. |

**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: |
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| 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) |
| • High levels of insulation will be installed within the new extension room walls, floor and roofs to meet current building regulations and improve energy efficiency.<br>• All window and door units will be double glazed and achieve maximum U-values of 1.6W/m²K and 1.8W/m²K respectively in compliance with Building Regulations.<br>• All windows and doors will be installed with expanding foam to achieve air and water tightness to 600 PA minimum.<br>• The wall and floor junctions will be sealed with flexible sealant and plasterboard dot/dab is applied in a continuous ribbon to comply with air tightness regulations.<br>• New sloping ceilings will be insulated with continuous PIR insulation with aluminium taped seams to achieve thermal and air tightness<br>• Energy efficient LED lighting will be utilised wherever spotlights are installed. |
| 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) |
| • Natural materials have been specified including recyclable external stone cladding and brick which are easily re-usable.<br>• All new construction will incorporate Accredited construction details to maximise the building's energy efficiency and improve thermal performance of the envelope.<br>- All the brick will be source locally to give less carbon foot print. |
| Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4) |

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| • The proposals improve the energy efficiency of the building envelope through high |
| 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 new roof Lights will reduce the need for artificial lighting to the living room and therefore conserve energy.<br>• All new windows and doors will include integrated trickle vents which allow for passive background ventilation. This minimises additional energy required for mechanical ventilation and reduces opportunities for heat loss via purge ventilation (e.g opening roof windows) |
| Q5: What measures have been/will be taken to reduce potential impacts of flooding associated with your proposed development? (See section 6) |
| The site is not within a flood risk area, therefore a flood risk assessment is not required. |
| 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) |
| • Water efficient showers and mixer taps will be specified as part of the proposal |
| Q7: What measures have been/will be taken to provide biodiversity net gains? (See section 8) |
| Proposed works not affecting any biodiversity net gains. not applicable |
| Q8: What measures have been/will be taken to reduce air pollution associated with your proposed development? (See section 9) |
| Specified correct insulation and finishes which will use less energy.• All new construction will incorporate Accredited construction details to maximise the building's energy efficiency and improve thermal performance of the envelope. |