Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant/agent	Mohammed Shafiq
Site Address	36 Common Road, Dewsbury, WF17 7RF
Description of Development	Construction of Single & Two Storey Rear Extension

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)
To reduce the energy demand within the proposed development, the proposed and existing building envelope will be enhanced using additional insulation within walls, roofs, flooring exceeding the minimum requirement. Thermal bridging will be eliminating reducing cold spots, and improved air tightness to reduce heat loss. Additionally, enhancing glazing, installing a more efficient heating and water system, heat recovery systems and renewables will be will be explored to improve energy efficiency.
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)
To reduce the carbon produced within the construction process, existing materials will be reused where possible, existing material will be repurposed (bricks, blocks, concrete and other masonry waste will be used for hardcore). Materials will be sourced locally with lower u values, sustainable materials will be favoured. Waste will be seperated on site, skips will be used to remove waste from site which will be recycled accordingly.
Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)

Solar Panels and Solar Thermal Panels will be explored to generate low cost, low ca
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)
Managing heating and cooling, incorporating vegetation and tree planting to assist heating and cooling. Using construction materials with a high thermal mass which absorb heat during the day and release it slowly. Extra insulation of walls, roofs and floor. Argon filled low emissivity double glazing to be installed. High efficiency heating boilers with zone temperature control. Low energy lights and lighting controls to automatically switch off when not needed.
Q5: What measures have been/will be taken to reduce potential impacts of flooding associated with your proposed development? (See section 6)
Permeable surfacing to be usedto allow water to soak into the subsoil. Appropriate drainage to be installed to support rainwater being diverted to soakaway.
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)
To minimise water usage water efficient toilets, spray and low flow taps, showers and low water usage appliances will be installed. Water recycling methods can be implemented within the property to reduce usage and waste.
Q7: What measures have been/will be taken to provide biodiversity net gains? (See section 8)
To provide biodiversity gains, (prior to development the rear garden is all hard surfacing) a portion of the rear garden can be used for vegetation and green space which will encourage residents to grow plants, flowers, veg etc. and improve the quality of life for residents.
Q8: What measures have been/will be taken to reduce air pollution associated with your proposed development? (See section 9)
To reduce air pollution a portion of the rear garden will be used as a green space, installation of electric vehicle charging points to the front elevation.