Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant/agent	Mr & Mrs Kaye
Site Address	136 Gomersal Lane Gomersal Cleckheaton BD19 4JQ
Description of Development	Removal of detached garage and rear sun room; erection of a single-storey side and partial wrap-around extension, two-storey rear extension; with associated landscaping works

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)
● Improved insulation within walls, floors, and roof ● High-quality, double glazed windows ● Inclusion of LED lighting over halogen bulbs ● Inclusion of roof lights to bring sunlight into the center of the house to reduce the need for artificial lighting ● New solar/daylight panels to roof as shown on elevations
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)
● Building materials sourced from local builders merchants to reduce transport distance ● Appointing local contractors to undertake the work ● Steel members to be made from recycled steel where possible without compromising on the structural integrity or aesthetics of the proposal
Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)
● Orientated to the south to benefit from natural sunlight, bringing more daylight into the depths of the house, reducing the need for artificial lighting ● Proposed new roof lanterns to bring light into depth of house and reduce reliance of artificial lighting ● New solar/daylight panels to roof as shown on elevations

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)
● Proposed glazing oriented to the south, to benefit from natural sunlight, rooflights serving internal spaces to bring natural light into the depth of the house and reduce reliance on artificial lighting
Q5: What measures have been/will be taken to reduce potential impacts of flooding associated with your proposed development? (See section 6)
● Proposed permeable paving/hard standing within landscaping ● The property is not situated within, or near a floodplane ● The property is located within floor zone 1 and is not within 20m of a main river or flood defence
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)
● Installation of spray and low-flow taps within the new kitchen and bathrooms ● Minimal changes to existing water stress arrangement
Q7: What measures have been/will be taken to provide biodiversity net gains? (See section 8)
● Inclusion of enhancements and habitat creations through the use of drought resistant plants, water retaining mulches and ground cover plants within the landscape design
Q8: What measures have been/will be taken to reduce air pollution associated with your proposed development? (See section 9)
● Locally sourced materials to reduce transport emissions