

Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant/agent	Mr & Mrs Robinson
Site Address	8 St Paul's Avenue, Birkenshaw, Kirklees, Bradford BD11 2JZ
Description of Development	Demolition of existing conservatory, construction of a new ground floor single storey rear and side extension with associated 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)
Smart energy metering. Building service controls such as lighting and gas boiler controls to be user friendly, efficient and up to date. Consider use of energy efficient white goods. Providing external space for drying washing naturally.
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)
Retaining areas of existing building rather than demolishing and rebuilding unless the loss of 'embodied' carbon can be offset by resulting improvements in the energy efficiency of the building, i.e. conservatory demolished and replaced with latest standard of construction. Minimise waste as part of development proposals during demolition, site clearance, construction and when subsequently occupied. Sourcing materials locally to reduce the need for transport. Timber utilised within the proposed works, it is anticipated will be from FSC or PEFC sources.
Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)

A new more energy efficient boiler has been installed, reducing carbon emissions.
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)
A very poorly insulated existing conservatory is being replaced by new construction that is well insulated in comparison. The new extension design avoids north facing glazing and has mainly west facing glazing to optimise solar gain within reason (avoiding overheating).
Q5: What measures have been/will be taken to reduce potential impacts of flooding associated with your proposed development? (See section 6)
Minimal extra run off area from new roofs. Likely to be provision to harvest rainwater in water butts.
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)
Low flow fittings and appliances to be considered and likely provision of water butts as above.
Q7: What measures have been/will be taken to provide biodiversity net gains? (See section 8)
Statement already signed in relation to biodiversity as an integral part of the planning forms submitted.
Q8: What measures have been/will be taken to reduce air pollution associated with your proposed development? (See section 9)
Locally source materials to reduce transport emissions.