Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant/agent	Mr and Mrs Reddiough
Site Address	5a Towngate, Kirkburton, HUDDERSFIELD, HD8 0QP
Description of Development	PROPOSED REPLACEMENT CONSERVATORY ROOF & FRAMES

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 applicant is proposing to replace a glazed roof conservatory with an insulated tiled roof. The tiled roof will comply with building control with a uvalue of 0.15. This will reduce heat loss through the roof area. The proposed frames will be A rated so again more energy efficient than the existing.
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)
By reducing heat loss, the heating/boiler will be on less and in return reduce the applicants carbon footprint. Parts of the proposed will be using recycled material, the glass, the upvc profile, and the roof slate have a recyclable policy and have been manufactured using recycled material.
Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)

The glazed windows will result in a passive solar gain through the glazing
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 proposed roof will have a 0.15 uvalue, the proposed glazing will be A rated so will have a lower uvalue thanis required under part L
Q5: What measures have been/will be taken to reduce potential impacts of flooding associated with your proposed development? (See section 6)
The site lies within a flood zone 1. This means it has a low probability of flooding from rivers and the sea. The proposed floor level will be set at the same level as the existing property to further reduce flood risk.
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)
Surface water discharge from the proposed will be collected and controlled in a water Butts, with overflows linking to the existing gully. Rainwater harvesting will then be used for watering the garden and plants
Q7: What measures have been/will be taken to provide biodiversity net gains? (See section 8)
a small log pile will be introduced creating a habitat for wildlife in the rear garden. a small rock pile will also be introduced to help provide a home for wildlife. The applicant will remove invasive plants and then add more native plants to the garden, this will also help attract birds to the garden. They will also limit the use of pesticides and avoid preventative spraying.
Q8: What measures have been/will be taken to reduce air pollution associated with your proposed development? (See section 9)
N/A The proposed roof and frames will not require any heavy or plant machinery which will reduce any impact on air pollution during the installation.