

Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant/agent	MR & MRS S.O'BRIEN
Site Address	GRANGE NURSERIES, WEST GATE HILL, TONG, BRADFORD. BD4 6NS
Description of Development	REFURBISHMENT OF BUNGALOW, GARDENS. AND FORMATION OF A PRIVATE ROAD (FROM EXISTING) TO REAR OF PROPERTY

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 existing building will remain (main front porch). two small extensions to north face & west face will be removed. New extension to North, South & west elevation will be built in line with the present building regulations. Small dormer window will be added to back North & South elevation.
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)
In the refurbishment, most materials of the bungalow will be re-used i.e. floor joists & boards, ceiling joist, and roof materials. The roof will be removed and replaced with new felt, Rainwater System & Darge boards.
Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)

A new gas & electric service will be refitted along with a complete gas & electric replacement. Consideration to use a heat pump, solar panel faced into large garden. gas or electric central heating system. All these options are under negotiation.
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)
All insulation to floor, walls, ceiling, internal wall & roof will be increased to the present U-value requirement.
Q5: What measures have been/will be taken to reduce potential impacts of flooding associated with your proposed development? (See section 6)
Flood Zone 1 0.37ha N/A and 1ha no history of flooding as been reported.
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)
The new refurbishment is set in a large head of land. A soak away or Sudds could be developed to the rear of the property.
Q7: What measures have been/will be taken to provide biodiversity net gains? (See section 8)
✓ A large garden will be formed, with flower & fruit trees, ripens to near head trees. a possibility of a small pond could be developed under consideration.
Q8: What measures have been/will be taken to reduce air pollution associated with your proposed development? (See section 9)
The newly refurbished building is set in a large head of land. Therefore a proposed new road will be constructed to the rear of the land opening up a existing access to the property. Parking & hard standing will be constructed.