Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant/agent	Lizzie Schofield
Site Address	Land on the North side of 39 Hightown Lane, Holmfirth, West Yorkshire, HD9 3HY
Description of Development	The erection of 1No. detached self-build dwelling at Hightown Lane, Holmfirth.

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)
High spec double glazing will be specified for windows, high performance insulation for roof, walls and floors, masonry will have high thermal mass for heat retention, highly efficient appliances to reduce power use.
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)
The dwelling will be built from locally sourced reclaimed stone, specified to reduce carbon footprint and embodied carbon across the buildings life cycle.
Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)

The dwelling will benefit from a ground source heat pump.
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 build area has been plotted along the building line of the adjacent semi-detached properties and
Q5: What measures have been/will be taken to reduce potential impacts of flooding associated with your proposed development? (See section 6)
The development is raised from the road to match the adjacent semi-detached properties, reducing chances of flooding internally. A sustainable drainage system will be designed to reduce surface water build up (SuDS).
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 property will have a water cylinder(s) for water retention.
Q7: What measures have been/will be taken to provide biodiversity net gains? (See section 8)
BNG exempt and greater measures being assessed outside of the site boundary for future significant enhancement.
Q8: What measures have been/will be taken to reduce air pollution associated with your proposed development? (See section 9)
The dwelling reduces local air pollution by minimising operational energy demand, eliminating on-site combustion.