Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant/agent	Mr Paul Holden [Home owner] / Mr Oliver Loxely [Agent]
Site Address	7 Bent Lea Bradley Huddersfield West Yorkshire HD2 1QW
Description of Development	Rear home extension- adding practical space to a privately owned family home. Design requirement is aligned to long-term needs of growing family.

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)
In addition to building regulations to be employed during the proposed development, the site currently benefits from: - Installed Smart Energy Meter / Dual-Fuel [Gas & Electric]. - Installed Energy Usage Monitors. - EV Car Charger [trickle output capability]. - Low wattage, energy efficient lighting fitted throughout. - enhanced wall cavity & loft insulation. - External washing lines / airers.
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 applicants will seek to use only local trades people, locally sourced aggregate's and work with CSR minded construction professionals. The proposed design seeks to reuse [where possible] some of the existing house blocks, as part of exterior new wall construction.
Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)

The applicants will seek to replace any redundant heating/energy systems [where ap
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 design is sympathetic to the family's requirements and energy efficient features, reaching a good balance. The flow of family living space incorporates: - Natural lighting. - Natural ventilation. - Proposed energy efficient building materials [over & above existing]. Attention drawn to commitments to use CSR trades people who are use high thermal mass
Q5: What measures have been/will be taken to reduce potential impacts of flooding associated with your proposed development? (See section 6)
The applicants will be employing the use of permeable paving where appropriate and congruent with the replacement of existing exterior paving. The home is NOT situated in a known flood plane and has never been subject to any degree of flooding. The site is located on a hill, and the proposed development will meet standard building regulations.
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 applicants currently use water efficient toilets, showers and bathing facilities. This supports their environmental conscious behaviour. The proposed development /design includes an [additional bathroom]. The installation will be fitted with a low-flow toilet and self-closing taps. All water based appliances are fitted with Flood Prevention Values - in line at that
Q7: What measures have been/will be taken to provide biodiversity net gains? (See section 8)
The applicants will be retaining the current garden [Grass space]. The proposed development will not impact on the grassed area. The applicant has SEN children living in the property, whom benefit from extensive external space- thus the proposed designed is committed to the retention of this space.
Q8: What measures have been/will be taken to reduce air pollution associated with your proposed development? (See section 9)
- The applicant is an Electric Vehicle owner. They have a fully installed 7.2kwh EV charger installed. - The site benefits from a tree lined boundary, which will be retained.