Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications Part 1: Applicant details

Name of applicant/agent	MHA PARTNERS LTD
Site Address	89 Wakefield Road, Clayton West, Denby Dale, Huddersfield, HD8 9NN
Description of Development	x1 rear dormer, x2 front dormers, x1 rear part single storey extension

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 development incorporates the following measures from Local Plan Policies LP24, LP26 and LP47:
Essential considerations:
• No CHP system required as not a master-planned site
Desirable measures in place or planned:
• Smart energy metering already installed showing amount and cost of energy consumed
• User-friendly building service controls including:
  o Wireless programmable thermostat
  o Individual thermostatic radiator controls
  o A+ rated boiler controls
• Energy efficient A-rated appliances (Bosch Series 4 oven)
• External space provided for natural clothes drying
• Centralised heating system with individual time and temperature controls to each room

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 following measures align with Local Plan Policies LP24, LP30 and LP43: Essential considerations: • Retaining and refurbishing existing building rather than demolishing • Will follow waste management hierarchy during demolition, site clearance and construction • Will ensure sufficient space for occupiers to store separated waste for recycling and disposal Desirable measures: • Design optimised to avoid unnecessary use of materials • Will source materials locally to reduce transport needs • Will select materials with long life and low maintenance requirements • Will consider full lifecycle impacts of materials used • Will provide home composting unit for garden waste

Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)

The following measures align with Local Plan Policies LP24 and LP26: Essential considerations: • Not applicable as development is not of sufficient scale to require local area energy network consideration Desirable measures: • Existing integration with energy through smart tariff system • Ground/air/water source heat pump to be considered for future heating system replacement • Structure to be prepared for potential future solar panel installation
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 following measures align with Local Plan Policy LP24: Essential considerations: • Will minimise resource use through building orientation where practicable – not feasible in this instance • Will support energy efficient design initiatives Desirable measures: • Enhanced insulation in walls, roofs and floors • High efficiency heating system with zone temperature control already in place • Low energy lighting to be installed • Primary habitable rooms oriented for optimal solar gain where possible • Optimised glazing specification for solar gain management
Q5: What measures have been/will be taken to reduce potential impacts of flooding associated with your proposed development? (See section 6)
The following measures align with Local Plan Policies LP27 and LP28: Essential considerations: • As site is not in flood risk zone, sequential test and flood risk assessment not required • Surface water management solutions will be designed to meet requirements over the lifetime of development • Management and maintenance arrangements will be secured Desirable measures: • Will avoid large areas of impermeable hard surfacing • Will incorporate proposed open spaces to contribute to sustainable drainage • Will incorporate trees and vegetation where possible to reduce surface water runoff
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 following measures align with Local Plan Policy LP34: Essential considerations: • Will incorporate water conservation techniques Desirable measures: • Water-efficient toilets and taps to be installed • Low-flow showers to be installed • Water meter already installed • Rainwater harvesting through water butts for garden use • Grey water recycling to be considered where practical
Q7: What measures have been/will be taken to provide biodiversity net gains? (See section 8)

The following measures align with Local Plan Policies LP30, LP27, LP28: Essential considerations: • Will provide net biodiversity gains through habitat enhancements • Open spaces and green infrastructure will contribute to sustainable drainage Desirable measures: • Will use drought resistant plants (native species where possible) • Will implement water retaining mulches • Will schedule planting for optimal establishment
Q8: What measures have been/will be taken to reduce air pollution associated with your proposed development? (See section 9)
The following measures align with Local Plan Policies LP51, LP20, LP63, LP5: Essential considerations: • Electric Vehicle charging point already installed • Travel plan not required due to scale of development Desirable measures: • Will source materials locally to reduce transport emissions where possible • Will incorporate tree planting where possible to help mitigate effects of air pollution