

Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant/agent	MICHAEL BROOK
Site Address	100, PENISTONE ROAD WATERLOO HUDDERSFIELD HD5 8QX.
Description of Development	PROPOSED NEW DROPPED KERB / DRIVEWAY ALTERATIONS. PLEASE NOTE THAT THIS WORK IS PART OF THE OVERALL REFURBISHMENT OF THE EXISTING BUNGALOW SEE ALSO BUILDING REGS APPLICATIONS 2019/EF/00117/W AND 2020/EF/00408/W (BOTH APPROVED).

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)

NEW ENERGY EFFICIENT CONDENSING COMBI BOILER WITH SMART HEATING CONTROLS TO BE INSTALLED. NEW WHITE GOODS WILL BE GRADE A. EXTERNAL SPACE FOR DRYING CLOTHS HAS BEEN DESIGNED IN. ALL NEW CENTRAL HEATING RADS WITH THERMOSTATIC VALVES TO BE USED.

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)

EXISTING BUILDING IS BEING REFURBISHED USING NEW TIMBER ROOF SUPPORT BEAMS AND JOISTS (FSC). EXISTING BRICK FROM DEMOLISHED WALLS TO BE RE-CYCLED AS HARDWARE. USE OF LOCAL NATURAL STONE ON LANDSCAPE WALLS.

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

CAR CHARGING POINT INCLUDED TO HARDSTANDING TO FRONT OF BUNGALOW.

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)

HABITABLE ROOMS TO SOUTH SIDE OF BUILDINGS HAVE BEEN PROVIDED WITH NEW ROOFLIGHTS TO OPTIMISE SOLAR HEAT GAIN IN WINTER. ELECTRIC ROOFLIGHTS HAVE BEEN INCLUDED FOR EASE OF OPERATION FOR VENTILATION/COOLING IN SUMMER. ALL EXISTING WALLS (EXTERNAL) + ROOFS + KITCHEN FLOOR HAVE BEEN INSULATED. NEW GRADE 'A' GLAZED WINDOWS. ALL LIGHTING LED.

Q5: What measures have been/will be taken to reduce potential impacts of flooding associated with your proposed development? (See section 6)

OVER 50% OF RAINWATER RUN-OFF FROM NEW HARDSTANDING AREAS HAVE BEEN DESIGNED TO DISCHARGE INTO SOFT LANDSCAPE BEDS. DRAINAGE CHANNELS TO DRIVEWAY CROSSING POINTS WILL DRAIN TO STONED SUB GRADE AREAS.

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)

WATER EFFICIENT WC'S AND TAPS ARE BEING INSTALLED THROUGHOUT. 2 SHOWERS ARE INCLUDED. THE WATER MAIN INCOMING WILL BE VIA A METER. SOME OF THE NEW HARDSTANDING IS GRAVEL.

Q7: What measures have been/will be taken to provide biodiversity net gains? (See section 8)

WATER RETAINING MULCH WILL BE USED ON SOFT LANDSCAPE AREAS. A HOUSE MARTIN NEST IS TO BE ADDED TO THE EAVES OF THE EXISTING BUNGALOW.

Q8: What measures have been/will be taken to reduce air pollution associated with your proposed development? (See section 9)

LOCAL STONE IS TO BE USED FOR NEW LANDSCAPE WALLS. CAR CHARGING POINT INCLUDED TO HARDSTANDING TO FRONT OF BUNGALOW.