

Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant/agent	JAYNE JOSIAH
Site Address	54 KNOWL ROAD MIRFIELD WEST YORKS WF14-8DL
Description of Development	FIRST FLOOR EXTENSION TO THE EXISTING BUNGALOW

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)

FURTHER DOUBLE GLAZED WINDOWS TO BE PROVIDED ALL COMPLYING WITH CURRENT BUILDING REGULATIONS. EXISTING WINDOWS TO BE CHECKED AND REPLACED IF NECESSARY. A NEW ENERGY EFFICIENT CONDENSING BOILER TO BE PROVIDED INCLUDING ZONING FACILITIES AND THERMASTATIC RADIATOR VALVES THROUGHOUT. THE NEW FABRIC OF THE EXTENSION TO BE INSULATED TO MEET CURRENT BUILDING REGULATIONS INCLUDING SOME THERMAL IMPROVEMENT TO THE EXISTING.

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)

ALL NEW MATERIALS WILL BE SOURCED LOCALLY WITH THE INTENSION OF MATCHING THE EXISTING BRICKWORK AND STONWORK AS NEAR AS POSSIBLE. IF POSSIBLE THE EXISTING ROOF TILES CAN BE CAREFULLY REMOVED AND STORED FOR RE-USE INCLUDING THE LOCAL SOURCING OF REPLACEMENT TILES WHERE REQUIRED. IF THE EXISTING ROOF TILES ARE NOT SUITABLE THEN NEW ROOF TILES WILL BE SOURCED LOCALLY WHICH WILL ADD TO THE THERMAL IMPROVEMET OF THE NEW ROOF AREA.

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

NO RENEWABLE OR LOW CARBON ENERGY SOURCES TO BE ADOPTED AT THIS STAGE HOWEVER THEY WILL BE CONSIDERED IN THE FORSEEABLE FUTURE.

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 EXTENT OF NEW GLAZING TO BE LESS THAN WHAT IS ALLOWED UNDER THE CURRENT BUILDING REGULATIONS. THE EXISTING GLAZING TO BE CHECKED AND REPLACED IF FOUND NECESSARY. ENERGY EFFICIENT LIGHTING TO BE INSTALLED THROUGHOUT THE NEW AND EXISTING AREAS. SOME THERMAL ELEMENTS TO BE IMPROVED AND THE AIR TIGHTNESS OF THE EXTENDED PROPERTY WILL BE MAINTAINED THROUGHOUT ELIMINATING ANY THERMAL BRIDGES. SOLAR GAINS FROM WINDOWS ETC WILL BE LIMITED AS FAR AS POSSIBLE DUE TO THE WINDOW OPENING SIZES AND ORIENTATION.

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

NO FLOODING PROBLEMS HAVE EVER OCCURRED AROUND THIS PROPERTY THEREFORE NO MEASURES NEED TO BE TAKEN OR PUT IN PLACE TO REDUCE THE POTENTIAL IMPACTS OF FLOODING. EXISTING SURFACE WATER FROM THE EXISTING ROOF AREAS IS DISCHARGED DIRECTLY INTO A COMBINED DRAINAGE SYSTEM. THE NEW EXTENSION ROOF AREA IS APPROXIMATELY THE SAME AREA AS THE EXISTING ROOF AREA AND THEREFORE SURFACE WATER DISCHARGE FROM THE NEW ROOF WILL BE NO DIFFERENT.

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 EXISTING BUNGALOW HAS A MIXTURE OF HARDSTANDING, PERMEABLE AND GRASSED AREAS IN WHICH GROUND SURFACE WATER DOES SOAK AWAY QUICKLY. SOME OF THE HARDSTANDING AREAS WILL ALSO BE REDUCED FOR ASTHETIC REASONS.

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

NO BIODIVERSITY NET GAINS NEED TO BE CONSIDERED DUE TO THE NATURE OF THE WORKS AS NO TREES OR HEDGES WILL BE REMOVED DUE TO THE PROPOSED EXTENSION WORKS.

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

AIR POLLUTION FROM THE PROPOSED DEVELOPMENT WILL BE RESTRICTED AS NO FIRES OR BURNING WILL BE CARRIED OUT DURING THE CONSTRUCTION WORK PHASE. NO LOG BURNING OR COKE BURING FIRES ARE TO BE INCLUDED IN THIS DEVELOPMENT