## Appendix A – Climate Change Statement

**Climate Change Statement for Planning Applications**

**Part 1: Applicant details**

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|---|---|
| Name of applicant/agent | PAMELA MCALLISTER |
| Site Address | GRANGE COTTAGE KIRKBY GRANGE FARM<br>CLOUGH ROAD<br>FLOCKTON<br>WF4 4AQ |
| Description of Development | ERECTION OF EXTENSION TO DETACHED GARAGE TO CREATE DWELLING FORMING ANNEX ACCOMODATION ASSOCIATED WITH GRANGE COTTAGE KIRKBY GRANGE FARM, CLOUGH ROAD, WF4 4AQ |

**Part 2: Climate Change Mitigation measures**

| Please respond to the following questions considering the measures set out in the Climate Change Guidance note: |
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| 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) |
| • IMPROVED INSULATION WITHIN WALLS, FLOORS, AND ROOF<br>• HIGH QUALITY DOUBLE GLAZED WINDOWS<br>• INCLUSION OF LED LIGHTING OVER HALOGEN BULBS<br>• INCLUSION OF ROOF LIGHTS TO BRING SUNLIGHT INTO THE CENTER OF THE BUILDING TO REMOVE THE NEED FOR ARTIFICIAL LIGHT |
| 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) |
| • BUILDING MATERIALS SOURCED FROM LOCAL BUILDERS MERCHANTS TO REDUCE TRANSPORT DISTANCE<br>• APPOINTING LOCAL CONTRACTORS TO UNDERTAKE THE WORK |
| Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4) |

- ORIENTATED TO BENEFIT FROM NATURAL SUNLIGHT, BRINGING MORE DAYLIGHT INTO THE DEPTHS OF THE BUILDING,

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)

- PROPOSED GLAZING ORIENTATED TO THE SOUTH TO BENEFIT FROM NATURAL SUNLIGHT
- ROOFLIGHTS CLOSE TO THE REAR FACE OF THE BUILDING TO BRING NATURAL LIGHT INTO THE DEPTH OF THE BUILDING

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

- PERMEABLE PAVING / HARD STANDING WITHIN LANDSCAPING
- THE PROPERTY IS NOT SITUATED WITHIN, OR NEAR A FLOOD PLANE
- THE PROPERTY IS LOCATED WITHIN FLOOR ZONE 1 AND IS NOT WITHIN 20M OF A MAIN RIVER OR FLOOD PLANE

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)

- INSTALLATION OF SPRAY AND LOW-FLOW TAPS WITHIN THE KITCHENETTE AND WC
- MINIMAL CHANGES TO EXISTING WATER STRESS ARRANGEMENT

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

- INCLUSION OF ENHANCEMENTS AND HABITAT CREATIONS THROUGH THE USE OF DROUGHT RESISTANT PLANTS, WATER RETAINING MULCHES AND GROUND COVER PLANTS WITHIN THE LANDSCAPE

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

- LOCALLY SOURCED MATERIALS TO REDUCE TRANSPORT EMISSIONS