

## **Appendix A – Climate Change Statement**

### **Climate Change Statement for Planning Applications**

#### **Part 1: Applicant details**

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| Name of applicant/agent    | Mr David Lautman  |
| Site Address               | 4 Boshaw Mews<br>Scholes<br>Holmfirth<br>West Yorkshire<br>HD9 1WB  |
| Description of Development | Internal double garage half-conversion – converting one side into a habitable room to be used as a playroom and retaining the other side for parking / storage. |

#### **Part 2: Climate Change Mitigation measures**

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| 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)  |
| <ul style="list-style-type: none"><li>• The existing energy sources are equipped with smart meters.</li><li>• The existing heating system will be extended into the new room, using thermostatic radiator valves (TRVs) to regulate temperatures efficiently and prevent energy waste.</li><li>• The existing internal garage space will be insulated to regulations – including insulating walls, floor and ceiling void - unlike the existing garage space which has limited insulation. This will ensure the room is energy efficient and prevents heat loss.</li><li>• Light fittings in the converted space will be low energy LED to minimise energy consumption.</li><li>• External hanging space is achievable.</li></ul> |
| 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)   |
| <ul style="list-style-type: none"><li>• The project re-uses the existing structure, avoiding the high embodied carbon associated with new build construction or extension, reducing spoil and disposal.</li><li>• All materials will be sourced locally and reused where possible.</li></ul>  |
| Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)  |

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| <ul style="list-style-type: none"> <li>Existing dwelling, not introduced. The room will be serviced as part of the existing property (existing energy sources are equipped with smart meters).</li> </ul>   |
| <p>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)</p>   |
| <ul style="list-style-type: none"> <li>The current garage structure has limited insulation. Removing the garage roller shutter and replacing with a stone wall / window unit will improve the thermal efficiency of the current structure. The structure will be insulated to meet current building regulations.</li> <li>Light fittings in the converted space will be low energy LED to minimise energy consumption.</li> </ul> |
| <p>Q5: What measures have been/will be taken to reduce potential impacts of flooding associated with your proposed development? (See section 6)</p>   |
| <p>Not applicable.</p>  |
| <p>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)</p>  |
| <p>Not applicable</p>   |
| <p>Q7: What measures have been/will be taken to provide biodiversity net gains? (See section 8)</p>   |
| <p>Not applicable.</p>  |
| <p>Q8: What measures have been/will be taken to reduce air pollution associated with your proposed development? (See section 9)</p>   |
| <ul style="list-style-type: none"> <li>Property already has an EV charging point fitted.</li> <li>Materials to be sourced locally where possible to reduce transport emissions</li> </ul>   |