

Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

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| Name of applicant/agent | Harry Dunbar |
| Site Address | 23 Imperial Road, Huddersfield, HD3 3AF |
| Description of Development | Conversion of the existing integral garage into a habitable room, including removal of the garage door and reinstatement of a bay window to match the property's original design. |

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">- Enhanced insulation in walls, floor, and ceiling of the converted space.- South-facing orientation allows optimal natural daylight, reducing reliance on artificial lighting.- Install argon-filled low-emissivity double glazing in the bay window.- Use LED lighting and thermostatic radiator valves for zoned heating- Use of smart energy metering |
| 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">- Retain existing house structure and reuse sandstone block materials where possible.- Source new stone for bay window and other materials locally to reduce transport emissions.- Minimise waste through careful demolition and recycling of removed materials.- Use timber from FSC-certified sources for any new joinery. |
| 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"> - South facing main house roof has been considered for Solar PV installation, and is not proposed due to the building being in a conservation area where the south roof is visible from street level |
| <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"> - South-facing bay window maximises passive solar gain. - Optimised glazing and shading to prevent overheating. - Use of materials with high thermal mass (stone) for temperature regulation. - Enhanced insulation in walls, floor, and ceiling of the converted space. |
| <p>Q5: What measures have been/will be taken to reduce potential impacts of flooding associated with your proposed development? (See section 6)</p> |
| <ul style="list-style-type: none"> - No increase in impermeable footprint; existing drainage retained. - Use permeable paving for any external hardstanding adjustments. - Ensure rainwater run-off is managed within existing drainage capacity |
| <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> |
| <ul style="list-style-type: none"> - Install low flow taps - Rainwater harvesting via water butts for garden use - Use of water meter for mains supply |
| <p>Q7: What measures have been/will be taken to provide biodiversity net gains? (See section 8)</p> |
| <ul style="list-style-type: none"> - Enhance landscaping with native, drought-resistant plants. - Add bird boxes and wildlife-friendly planting. |
| <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"> - Source materials locally. - Include provision for an EV charging point. |