**Appendix A – Climate Change Statement**

**Climate Change Statement for Planning Applications**

**Part 1: Applicant details**

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| Name of applicant/agent | Tom Shiels, JR Planning |
| Site Address | Lumb Lane Nurseries, Almondbury, HD4 6SZ |
| Description of Development | Redevelopment of commercial nursery to provide five dwellings |

**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: |
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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) |
| Installing 'smart' energy metering, including displays showing the amount and cost of energy consumed.<br><br>Ensuring that building service controls such as lighting and gas boiler controls, and management systems are user friendly, efficient, up to date, and complementary.<br><br>Use energy efficient white goods (rating where possible) (e.g. fridges, washing machines). |
| 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) |
| following the waste management hierarchy and incorporate facilities to minimise waste as part of development proposals during demolition, site clearance, construction and when subsequently occupied.<br><br>Sourcing materials locally to reduce the need for transport.<br><br>Designing the building footprint to avoid unnecessary use of materials. |

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| Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4) |
| See separate sustainability statement |
| 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) |
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| Q5: What measures have been/will be taken to reduce potential impacts of flooding associated with your proposed development? (See section 6) |
| Managing heating and cooling.<br><br>Using landscaping /design to provide shelter from winds<br><br>Extra insulation of walls, roofs and floors. |
| 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) |
| Development is in flood zone 1.<br><br>Avoiding large areas of impermeable hard surfacing<br><br>Incorporating green areas to assist with sustainable drainage.<br><br>Water efficient toilets and appliances. |
| Q7: What measures have been/will be taken to provide biodiversity net gains? (See section 8) |
| See separate BNG report. |
| Q8: What measures have been/will be taken to reduce air pollution associated with your proposed development? (See section 9) |
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| Locally source materials to reduce transport emissions |