

Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant/agent	Ferenc Nemeth
Site Address	1 Longlands Bank, Thongsbridge, Holmfirth HD9 7HR
Description of Development	Proposed New detached House with Integral Garage on land adjacent to No 1 Longlands Bank, Thongsbridge, Holmfirth HD9 7HR

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)
- Air Source Heat Pump -Energy saving lighting -Smart meters with display
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)
- Moderately sized building to reduce the consumption of building materials. - Locally sourced material - We aim for the broadest possible use of prefabricated elements, such as prefabricated roof trusses - For floor construction, we favor timber over cement-based products.
Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)

- Air source heat pump - Solar panel - Low energy lighting
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 wall structure incorporates modern thermal insulation - Energy-efficient windows and doors - Rooms used in the morning are located on the eastern facade, while afternoon-use rooms are on the western facade
Q5: What measures have been/will be taken to reduce potential impacts of flooding associated with your proposed development? (See section 6)
Permeable surfaces to road/drive around building Low risk of flooding
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)
- We optimized the number of bathrooms and WCs. - Water-efficient toilets - Water-efficient showers and taps.
Q7: What measures have been/will be taken to provide biodiversity net gains? (See section 8)
- Minimal effect to biodiversity - Bird boxes can be installed - Removal of alien/non-native, invasive plant species and replacement with native vegetation.
Q8: What measures have been/will be taken to reduce air pollution associated with your proposed development? (See section 9)
- Construction labour locally sourced - Materials locally sourced