

Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant/agent	Mr Robert McGregor acting by his property affairs deputy Grace Margaret Armstrong
Site Address	86 Fixby Road, Huddersfield, HD2 2JF
Description of Development	Extensions and alterations to existing dwelling to provide a single residential unit with adapted and additional accommodation to meet the needs of a disabled person, including external works to form a raised patio and raise driveway levels

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)
Enhanced levels of fabric insulation to proposed extension works Attention to robust detailing - continuity of insulation and airtightness Provision of external insulation to existing walls The opportunity will be taken to upgrade existing ground floor and roof insulation levels wherever this is feasible.
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)
Existing materials will be re-used on site wherever this is possible.
Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)

We proposed the use of an air source heat pump to replace the existing gas boilers. This will reduce carbon for heating and hot water provision as the electricity grid is decarbonised.
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 works have been designed to meet the very specific needs of an applicant with severe disabilities. Opportunities have been taken to increase the efficiency of the building by improving fabric insulation and the like. The nature of the applicants requirements and the existing site layout prevent the adoption of measures such as passive solar gain. The orientation of the property is well suited to prevent overheating by summertime solar gains.
Q5: What measures have been/will be taken to reduce potential impacts of flooding associated with your proposed development? (See section 6)
The site is not in a designated flood zone, but raising the ground floor level of the accommodation at the east side of the site will reduce the potential for 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)
Above ground rainwater harvesting will be utilised to allow water use for gardening and the like
Q7: What measures have been/will be taken to provide biodiversity net gains? (See section 8)
It is proposed that a woodcrete swift nesting box be provided at high level on the east elevation
Q8: What measures have been/will be taken to reduce air pollution associated with your proposed development? (See section 9)
The replacement of the existing gas boiler with an air source heat pump will reduce air pollution.