

Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant/agent	Vandana Dimri
Site Address	26 East Street, Lindley
Description of Development	Conversion of Garages to New Dwelling and New Vehicular Access

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)
The proposed dwelling will be constructed to achieve energy conservation above the requirements of the current building regulations using the following methods, Increased insulation to structure to achieve better U values. Heating will be controlled by a A+ rated installation, efficient controls and thermostats. Solar panels will be installed on south facing roofing to provide free energy and pay back into the national grid New windows and doors will be A rated with efficient glazing to reduce heat loss and energy use
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)
The development will use locally sourced materials Existing materials will be retained and re-purposed on site (natural stone walling for example). All new products from sustainable sources where possible
Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)

Solar panels will be fitted on south facing roof. Panels integrated low level design

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)

Insulation values to new floor, walls and roof will exceed relevant building regulation requirements.
Heating will be all electric mainly sourced from solar panels with storage batteries
Primary habitable rooms are south facing / window area on north elevation are minimal.
High efficiency A rated installations and goods fitted. Low energy daylight saving lighting throughout. Roof lights fitted to main habitable rooms (lounge / dining / kitchen)

Q5: What measures have been/will be taken to reduce potential impacts of flooding associated with your proposed development? (See section 6)

The property is not in a local flooding zone and has no history of flooding issues.
The roof area of the proposed development is minor and majority of rainwater run off will discharge to existing soakaway.

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)

All new sanitary appliances will have spray taps and low flush cisterns to reduce water use. Gravity fed showers to ensuites - no power showers)
New hardsurfacing to the driveway and paved areas will be a permeable material to allow efficient
Collection of rainwater in water butts for use locally

Q7: What measures have been/will be taken to provide biodiversity net gains? (See section 8)

Biodiversity net gains will be minimal due to the proposed development
Less than 25m² net of habitat will be lost to the development
Front garden will increase by 25% due to dwelling moving back from road
All hedges and shrubs will be retained in regard to the development
Bat and bird boxes can be introduced to the new dwelling

Q8: What measures have been/will be taken to reduce air pollution associated with your proposed development? (See section 9)

The proposed development will have a minimal effect on air pollution, the site is a residential property and hence limited reductions could be introduced.
Reducing travel requirements to collect materials locally will be important
A new electric car charging point will be installed in the new garage