

# Climate Change Statement

---

**Project:** Proposed Removal of Existing Conservatory and Extension and Alterations to 21, Carr Hill Road, Upper Cumberworth, Huddersfield, HD8 8NW.

**Address:** 21 Carr Hill Road, Upper Cumberworth, Huddersfield, HD8 8NW.

**Job No:** 01223

**Date:** October 2023

---

## **Appendix A – Climate Change Statement**

### **Climate Change Statement for Planning Applications**

#### **Part 1: Applicant details**

|                            |                                                                                                       |
|----------------------------|-------------------------------------------------------------------------------------------------------|
| Name of applicant/agent    | 648 Architectural Design – Agent<br>Mr N. & Mrs J. Warren-Lees                                        |
| Site Address               | 21 Carr Hill Road,<br>Upper Cumberworth,<br>Huddersfield,<br>HD8 8NW                                  |
| Description of Development | Removal of Failing Conservatory and Flat Roof to be Replaced by<br>Two Storey Side and Rear Extension |

#### **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)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <p>The proposals will greatly enhance the thermal and energy efficiency of the existing dwelling.</p> <p>The existing rubble filled cavity walls are to be lined with new insulated plasterboard in addition to the new cavity walls incorporating new thermal standards within the existing building.</p> <p>The formation of a new roof structure will incorporate thermal insulation in replacement of the former uninsulated flat roof. The existing pitched roof will also be insulated as part of this application.</p> <p>New windows and doors will ensure greater air tightness and provide addition thermal qualities.</p> <p>This application goes above and beyond the minimum requirements of AD Part L of the Building Regulations.</p> |
| 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)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <p>Materials and tradesmen will be locally sourced where possible and practical.</p> <p>Removed materials will be reused and recycled where possible during the construction of this proposal.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <p>A south-facing array of solar panels will be formed as part of this application to provide the property with renewable energy for the future.</p> <p>Part of the proposal is to re-insulate the existing property which will ensure that the dwelling manages it's energy consumption and energy need to a greater standard in connection with the new solar panels.</p> <p>New materials in timber, concrete, slate and natural stone etc, are all completely recyclable.</p> <p>There is potential to include a ground source heat pump in the near future.</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>The proposal will remove parts of the existing dwelling that are not sufficiently insulated in the existing roof, conservatory and rubble filled walls and provide insulation to those areas bringing the existing up to a far higher standard of thermal insulation.</p> <p>The existing external rubble filled walls will be lined with insulation to ensure a thermally efficient dwelling.</p> <p>The addition of solar energy will ensure a renewable energy source for the dwelling for the future, the longevity of the property will be enhanced.</p>     |
| Q5: What measures have been/will be taken to reduce potential impacts of flooding associated with your proposed development? (See section 6)                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <p>Flood risk does not apply to this application.</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>Bird boxes are to be installed in the rear garden.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Q7: What measures have been/will be taken to provide biodiversity net gains? (See section 8)                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <p>Not applicable on this application.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

|                                                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------|
| Q8: What measures have been/will be taken to reduce air pollution associated with your proposed development? (See section 9) |
| Not applicable on this application.                                                                                          |