

Sustainability Statement

Site: APRIL COTTAGE 21/00039

Proposal: EXTENSIONS

Date: JANUARY 2021

Details of how the Proposal reduces carbon emissions and incorporates measures to reduce its contribution to climate change:

1. Making the most efficient use of land, buildings and natural resources including site layout and building design.

Guidance: Energy consumption can be significantly reduced through the location of development, site layout and building design, the type of materials used, the use of existing and new resources and the efficient management of the construction process.

The work comprises two small extensions totalling under 15 square metres in total and within the existing overall footprint. These areas are fixed by both the design and current NFNPA policy. Whilst that policy in some way dictates the design of the overall building, current Building Regulations will apply to any new work. These are many, but particular attention will be paid to energy conservation in the form of insulation requirements.

2. Energy Hierarchy*

Guidance: Level 1 – Reduce the need for energy; Level 2 – Using energy more efficiently; Level 3 – Supplying energy efficiently; Level 4 – Use low carbon and renewable energy. There are opportunities in all types of development to use low carbon and renewable energy sources, however what is appropriate will depend on the physical nature of the building, its site characteristics and the surrounding landscape.

Generally, see 1 [above]

The existing system for heating will not be extended

3. Minimising Flood Risk**

Guidance: Directing development away from flood risk areas, reducing overall risk from flooding within the National Park and areas outside it, upstream and downstream.

The extensions are so small that the flood risk will not be affected

4. Carbon Reductions

Guidance: Consideration of means of reducing carbon emissions for the development. Seeking to take every opportunity to reduce carbon and build sustainably.

**Insulation will be maximised reducing carbon emissions
Existing CH and HW boiler is adequate**

5. Water Efficiency.

Guidance: Water conservation methods include ensuring that the design of buildings and their surrounding landscape maximises water efficiency and minimises water wastage; identifying opportunities to use water more efficiently during the construction of the development; designing surface water drainage systems to take into account future changes in rainfall.

The proposal does not increase water usage