Sustainability Statement

Site: MANOR BARN COTTAGE MAIN RD, EAST BILDRE S042 7WT

Proposal: CONVERT EXISTING TENNIS COURT TO MENAGE

Date: 1 AUGUST 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.
- Re use existing gravel layer of tennis court - retain any excavated material on site - use of recycled rubber or carpet as surface of menage - local contractors.

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.
N/A.

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.

- REPLACE EXISTING HARD SURFACE
- MELTAGE WILL DRAIN INTO EXISTING DITCH

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.

- Construction using local contractor
- riding surface made from recycled material.

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.

N/A.