

Sustainability Statement

Site: THE YEWS, HEATH LANE, EAST BOLDRE, SO42 7WF.

Proposal: replace garage with car port, erect gates over existing accesses and reinforce hedge planting to front boundary.

Date: 18 JULY 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 FLOOR SLAB OF THE EXISTING GARAGE WILL BE RETAINED UPON WHICH A CAR PORT WILL BE ERECTED IN STAINED TIMBER FRAME WITH A SHALLOW GABLED ROOF COVERED WITH BITUMINOUS FELT SHINGLES. TWO SIDES OF THE CAR PORT WILL BE OPEN WITH NO GARAGE DOORS. THE GATES HAVE BEEN SALVAGED FROM THE APPLICANT'S PREVIOUS DWELLING AND HEDGE PLANTING ONLY WILL BE USED TO SAVE FENCING MATERIALS.

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.

THE PROPOSED CARPORT & STORES WILL BE UNHEATED AND THE APPLICANT UNDERTAKES TO SEEK OUT GREEN SUPPLIERS OF ENERGY. HOWEVER THE EXISTING P.I.R. SECURITY LIGHTING WILL BE REUSED BECAUSE OF THE ISOLATED NATURE OF THE PLOT.

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 CAR PORT HAS REPLACED AN EXISTING GARAGE ON THE SAME FOOTPRINT AND SO WILL NOT AFFECT THE PLOT'S FLOOD RISK.

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.

SEE ANSWERS TO QUESTIONS 1 & 2.

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 EXISTING RAINWATER BUTT WILL BE REUSED FOR PLANT REWATERING AND CAR-WASHING PURPOSES.