

## **Biodiversity Assessment and Statement**

### **Ubuntu Priory Farm Station Road Arundel BN18 9PH**

Ubuntu Priory Farm is a large detached former barn conversion. The Barn (Ubuntu) incorporates an old farm building that is likely to have been built using materials recovered from the ecclesiastical establishment. The property is set within a generous plot and there is an outbuilding to the rear.

The applicant is proposing a modest size single storey extension (Sunroom) with materials similar to the property.

We do not feel the proposed development has potential to significantly impact on biological and/or geological conservation within the surrounding area.



Photo of front entrance.

### **Assessment**

The proposed Sunroom is to be sited within an area currently paved to the rear of the property.



When building the proposed Sunroom, a trench footing will be required at about 1000mm x 600mm subject to building control, this foundation method will reduce the amount of soil being removed from the immediate area and this topsoil can be reutilised within the rear garden.

The proposed frames will attach to the existing walls and underneath the existing roof line, so not affecting the existing structure.

The proposed will have passive solar gain through the glazed windows and part glazed roof. This offers a dual benefit of heating for the room and part of the property and the cultivation of plants.

The property has a large garden area with a number of shrubs and other planting. No existing shrubs and hedgerows will be affected by the proposals; therefore, the existing wildlife habitats will be retained. We consider a full survey, and assessment is not required at this stage.

**To increase biodiversity within the garden the applicant proposes a number of points.**

a birdhouse is to be introduced to the far northwest of the garden. This will be made from a patented wood-concrete material consisting of 75% wood, which provides insulation and aids ventilation, this also has a long-life span of 25yrs +

small holes will be introduced within the fencing at ground level, allowing wildlife access to the garden.

a small log pile will be introduced creating a habitat for wildlife in the rear garden.

a small rock pile will also be introduced to help provide a home for wildlife.

The applicant will remove invasive plants and then add more native plants to the garden; this will also help attract birds to the garden. They will also limit the use of pesticides and avoid preventative spraying.

The applicant also proposes a wild corner, leaving weeds to grow attracting all sorts of insects.

