

Applicant Mr. T. and Mrs. L. Portman

Site Address Upper Holme House Farm
Hirst Lane, Cumberworth
Huddersfield, HD8 8GA

Job nr. 21041

Project details Proposed stables, garage and riding manege

Climate Change Mitigation Measures

Question 1: 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 of guidance notes)

The building will be unheated. Where possible the building will use LED and energy efficient lighting to reduce energy demand. The energy demand for this building and manege will be very low.

Question 2: What measures have been/will be taken to limit the carbon consumed through the implementation and construction processes, e.g. by reducing existing on-site materials or sourcing materials locally? (see section 3 of the guidance notes)

Where possible, materials involved in the construction of the detached stables are to be sourced locally, to reduce transportation distances and deliveries to site, minimising embodied carbon.

Suggest the applicant uses local labour and contractors to limit travel time to site and reduce carbon emissions.

Positioning of the manege has been considered to use the construction method of cut and fill, to re-use excavated earth to raise ground levels on the site where required as part of the proposal. This will minimise the need to import or dispose of fill from excavation.

Question 3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (see section 4 of the guidance notes)

Suggest the applicants consider incorporating PV panels on stable roof to provide power. The building already uses spring water as the main water source and this will continue.

Question 4: 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 of the guidance notes)

The building will be unheated. Where possible the building will use LED and energy efficient lighting to reduce energy demand. The energy demand for this building and manege will be very low.

Question 5: What measures have been/will be taken to reduce potential impacts of flooding associated with your development? (see section 6 of the guidance notes)

Permeable surfacing to be proposed to areas of hardstanding to allow for natural drainage of the site. The manege will utilise existing land drainage. Existing trees retained to assist in drainage of the site.

Suggestion of soakaways incorporated within the proposed development, for surface water drainage from the stables.

Question 6: 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 of the guidance notes)

Suggest the applicant incorporates a form of rainwater collection to the stable to further reduce dependency on water supply.

Question 7: What measures have been/will be taken to provide biodiversity net gains? (see section 8 of the guidance notes)

See PEA and BNG Assessment

Question 8: What measures have been/will be taken to reduce air pollution associated with your proposed development? (see section 9 of the guidance notes)

New materials are to be sourced locally where possible, reducing transport emissions. Suggestion for the provision for an electric car charger point on the site, potentially linked to the suggested photovoltaic solar panels.