

Applicant: Diagrama Foundation – Duckyls Farm Centre

Site: Duckyls Farm Centre, Selsfield Road, West Hoathly, RH19 4QY

Local Planning Authority: Mid Sussex District Council

Proposal: Installation of a small single-storey timber building on an existing concrete pad

Description of the proposals:

The proposals are for an insulated and double-glazed single storey timber clad building.

The replacement structure is intended to provide a modestly sized, quiet indoor space for the provision of the following services:

- safeguarding and confidential conversations
- private discussions with adults with a learning disability
- meetings with families
- workspace for staff
- private calls or inspections by external professionals (including CQC)
- calm, low-stimulation space for individuals experiencing distress

The existing structures on site do not offer sufficient private, soundproof rooms for the above services and the provision of this building will greatly aid in the foundation's day to day operations.

Construction:

The proposed cabin is constructed from sustainably sourced pressure treated timber cladding with insulation backed plasterboard linings.

Target U values are as follows:

Wall Linings – Fermacell plasterboard with 25 mm Multifoil and an additional 25mm PIR insulation and 15mm external timber cladding to achieve 0.45 W/M²K

Roof – 135mm thick Insulated IzoPanel roof to achieve 0.21 W/m²K

Floor – 40mm floor on pressure treated bearers – the applicants proposed to install the structure with PIR insulation between the bearers with a building on an over site/ separation layer of 25mm Foamglass to improve the values further.

Windows are uPVC double glazed sealed units, only 2 of the elevations contain glazing, these are confined to the elevation facing the existing buildings the short elevation comprises glazed double doors only, the long elevation contains 2 x 610 mm wide x 1850 high windows one of which will have a 610 x 890mm inward opening light to provide natural ventilation.

Services:

The proposals will be connected to the existing electricity supply, all lighting will be provided by led low energy fixtures, there will be no water supply or sanitaryware installed

Foundations:

It is proposed to erect the building on an existing concrete slab there are no proposed demolition or digging out works, thus ensuring that the embodied carbon within the slab and the subsoil are not released.

Drainage:

Rainwater from the roof and slab will be directed toward a soakaway which will ensure that a sustainable drainage system is provided.

Conclusion:

As can be seen from the above the proposed building will provide a well-insulated and sustainably sourced building with negligible impacts on the existing site, minimal energy requirements and which will greatly aid the running of the foundation.