



design and access statement

application: Proposed extension to house ground source heat pumps and underground pipes in adjacent field at Flouch Farm, Old Manchester Road, Crow Edge, Sheffield.

client: Mr & Mrs N Wright

job nr: 07109 DAS

date: 15 May 2009

Use

Planning permission was granted 08 April 2009 for the extension of living accommodation into the barn. The applicant wishes to have a sustainable energy supply provided by ground source heat pumps and these require a suitable building to house them. The pipes are buried in the adjacent field and are connected underground to the proposed pump house.

Amount

The external dimensions of the pump house are 3.7m x 2.35m x 3m high. There are six trenches 83.5m long each containing two pipes at 1m centres providing the required 1000m length of pipework.

Layout

The proposed pump house is located on the north gable of the former barn in order to be close to the siting of the underground pipes.

Scale

The scale of the built proposal is small in comparison with the existing building.

Landscaping

The trenches in the field will be reinstated with top soil and seeded with grass to restore the field to its original condition.

Appearance

The small extension will be built in materials matching those of the host building. The underground pipework will not be visible.

Highways Access

This remains unchanged

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