

Hockerton Housing Project

1-5 Mystery Hill Hockerton Nottinghamshire UK Latitude : 53 N

The Hockerton project is a development of five high mass superinsulated earth sheltered houses, designed by Robert and Brenda Vale. The earth sheltering is to all walls and roof, with the exception of the south facade, which features full width south facing conservatories on all houses. No central heating in houses, heating is entirely by passive, incidental metabolic gains.



- Glazed sunspaces

Full width south facing conservatories

- Sunspaces oriented South

Low E double glazing between outside and conservatory.
Triple glazing, argon filled with low E coating between conservatory and house.

- Frame Type

Timber between outside and conservatory and between conservatory and house.

- Height of Glazing

Full height above a circa 600mm high wall between sunspace and outside.

Double doors with 1 m high opening casement above, between conservatory and house.

- Description of shading

Most conservatories have retractable, manually operated internal sunshades.

- Ventilation

By opening windows in conservatory. House has mechanical ventilation with heat recovery for winter use.

