

HENLEY ROAD, CAVERSHAM

 Client : Signature

75 weeks

Reduction
 **39**
tCO2e/yr

Features:



- CHP
- Low Energy Lighting
- EV charging
- Underfloor heating

Project details

A brand-new care home situated just north of Reading. This development comprises of 86 individual apartments, including deluxe and larger than average studio apartments.

Built over four floors on a dramatic split level sloping site, affording the residence stunning views across the Caversham Lakes.

Incorporating large communal spaces for all residents' needs, including; cinema, balconies and sensory garden.

Highlights

This building incorporated a gas fired Combined Heat and Power (CHP) generator to provide up to 30% of the buildings heating and hot water demand. In addition to generating on-site electricity to be used across the property.



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Sustainability performance

The overall performance of this property surpassed Building Regulations by 20% and therefore also met with local planning policy carbon reductions.

Overall carbon savings equates to 39 tonnes of Carbon per year from a highly efficient fabric first approach, highly efficient heating (including CHP) and the inclusion of 100% low energy lighting combined with occupancy sensors throughout.

Our Credentials



Low
Carbon
Consultant



Harniss team

Michael Cottle – Design Lead
Curtis Castledine – Senior Mechanical Designer
Stuart Iddison – Senior Electrical Designer
Gary Wells – Project Manager