



© Ramsay & Co Landscape Architecture

PROJECT PROFILE

Client: Lodge Hill Charitable Trust

Location: West Sussex

Sectors: Residential

Services: Flood Risk, Sustainable Drainage Systems, Water Neutrality

Project overview: Additional water demand for five new homes was forecast by Motion's flood risk and drainage engineers and a package of measures developed to demonstrate that the proposed development is water neutral.

Added value:

- New homes delivered in national park
- Additional water-saving initiatives proposed for outdoor centre
- Innovative rainwater harvesting system provided

Lodge Hill Centre, Watersfield

A resolution to grant planning permission has been received, subject to a Section 106 agreement, for an application to build five new homes adjacent to the Lodge Hill Centre in Watersfield, West Sussex. The site falls within the South Downs National Park local authority area, where all new and reserved matter planning applications need to demonstrate that the proposed development is water neutral, or does not significantly affect water demand.

Working closely with water demand specialists, Motion's flood risk and drainage engineers developed baseline calculations for the existing site usage and forecast additional demand as a result of the proposed homes. The team then set out a package of measures including the introduction of water-efficient fixtures and fittings and a rainwater harvesting system. Proposals were also put forward to offset any remaining deficit with water-saving initiatives at the outdoor centre, once all other steps have been taken.



84 North Street
Guildford
Surrey GU1 4AU
T: 01483 531300

Golden Cross House
8 Duncannon Street
London WC2N 4JF
T: 020 8065 5208

9 Greyfriars Road
Reading
Berkshire RG1 1NU
T: 0118 206 2930