



## PROJECT PROFILE

**Client:** Silverleaf Group

**Location:** East Sussex

**Sectors:** Residential

**Services:** Transport Planning,  
Sustainable Drainage Systems

**Project overview:** A combination of transport planning and sustainable drainage expertise helped to overcome challenges associated with site constraints, securing approval for up to 35 dwellings.

### Added value:

- Provision of much-needed housing and affordable homes
- Flood-risk safeguards for residents
- Protecting and providing wildlife habitats

## Land at Coopers Green, Uckfield

**A combination of transport planning and sustainable drainage expertise from Motion helped secure approval for Silverleaf Group, who plans to build up to 35 dwellings in East Sussex. The development will provide much-needed housing, including some affordable homes on land at Coopers Green, Uckfield.**

One of the main obstacles was finding an outfall for surface water. Surface drainage was a challenge due to the constraints of the site which had no obvious outfall. Infiltration was not possible, therefore soakaways were not viable and there were no watercourses immediately adjacent to the site.

Motion adopted a multi-faceted approach to get all the relevant decision makers onboard and to agree a plan that everyone found acceptable. After exploring all the options, the team proposed a connection to the highway drainage network. The County Council had introduced a new policy allowing this if stringent conditions were met. Motion's sustainable drainage strategy also included permeable paving in the car parking areas and private access roads, and an attenuation pond which provides additional ecological benefits. The wet pond can also help with filtering out solids and silt, as the sediment is collected in the bottom of the pond, preventing it from discharging downstream.



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

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

Quadrant House  
Broad Street Mall  
Reading RG1 7QE  
T: 0118 467 4498