



**Client:**

**Housing & Care 21**

**Project Value:**

**£10 million**

**Project Details:**

Bowland View is a development which comprises 64 apartments and 8 bungalows, designed to provide extra care accommodation for those aged 55 and above.

The main technical challenge involved in bringing Bowland View to fruition was the existing site levels, a situation complicated by the presence of trees which the design team had made a conscious effort to retain.

- Site levels presented challenges for the drainage and how the attenuation could be designed to reside below a steeply sloping road
- To reduce the depth of the drainage and therefore the cost a novel two-stage attenuation was designed. This comprised two separate sections of oversized attenuation, one higher than the other.
- This system allowed both attenuation sections to be relatively flat, maximising the storage capacity, while minimising the depth of the system as a whole.
- Visibility was an issue at the site entrance onto Robin Lane due to existing building lines and parked cars.
- Early discussions were entered into with NYCC Highways and site meetings organised to discuss the issues at hand whilst looking for solutions.

