

WYNYARD PARK



CLIENT:

Barratt Homes

PROJECT VALUE:

£16 million

PROJECT DETAILS:

Residential development of 243 high-quality homes comprising a mixture of 2-, 3- & 4-bedroom homes. The site with an approximate site area of 11 hectares formed a development cell as part of the wider masterplan developed for Wynyard Park Ltd. Access to the land in question was a proposed spine road designed by others. In addition, the main infrastructure designers provided a connection to a foul sewer in the spine road and a connection to a surface water pond.

Portland Consulting were appointed to deal with all aspects of drainage, highways and proposed levels across the site. From planning stage work which included flood risk assessment (FRA) and drainage strategy reports, through to the detailed design of the infrastructure and plot works. The later works encompassing the Section 38 technical approvals from Hartlepool Highways authority and the S104 technical approvals from NWL

Initially the scheme was assessed with regards to site levels in relation to the existing drainage infrastructure which had been designed by others to assist in draining the site. The purpose of this initial exercise was to identify what proportion of the site could drain to the foul sewer by gravity and to the pond.

