

CASE STUDY

BOVIS HOMES LIMITED



“PJS’s contribution and support on this development was second to none. They are professional, innovative and a pleasure to work with.”

Chris Carey, BEng (Hons)
Associate Engineering Director
West Midlands Region

SECTOR

Residential Property

CLIENT

Bovis Homes Limited

DEVELOPMENT

Kingsmere, Oxfordshire

SERVICES

Design & Project Management (highway and drainage infrastructure)

PROJECT OUTLINE

PJS Consulting Engineers were appointed on the project to complete the drainage and highway designs for the brand new development by Bovis Homes called Kingsmere. The rural village area within Oxfordshire will expand to include the new phase of private residential development comprising 207 dwellings. To facilitate this expansion, PJS supplied an innovative and sustainable design for the highway and drainage solution which from a civil engineering perspective is integral to the future expansion of this community’s infrastructure and will accommodate the new primary and secondary schools, a village centre, health facilities, restaurant and hotel which is planned for the village.

PJS not only produced the detailed drainage and highway designs for the area which included an innovative permeable paved public highway and infiltration drainage for the new dwellings but managed the negotiation and planning with Oxfordshire County Council in partnership with Bovis. This ensured an efficient approval process under section 38 of the Highways Act was met in good time. The team’s early liaison with Thames Water also enabled a prompt approval of the proposed public foul sewers to be adopted under section 104 of the Water Act.

In addition to the successful outcome of this project Oxfordshire Lead Local Flood Authority were particularly impressed with the sustainability of the drainage solution which has since resulted in prompt discharge of planning conditions for Bovis Homes and construction approval of economical and buildable designs.