

# Toby Heath EngTech MICE MCIHT

## Director



Toby started his career with JPP as a Junior Technician in 2007. After completing his HNC in Civil Engineering he went on to become a Technician Member of the Institution of Civil Engineers and a Member of The Chartered Institution of Highways & Transportation.

In 2025 Toby became a Group Director and is now responsible for leading all of JPP's Infrastructure teams; specialising in the design of large residential schemes, affordable housing, industrial projects and commercial developments.

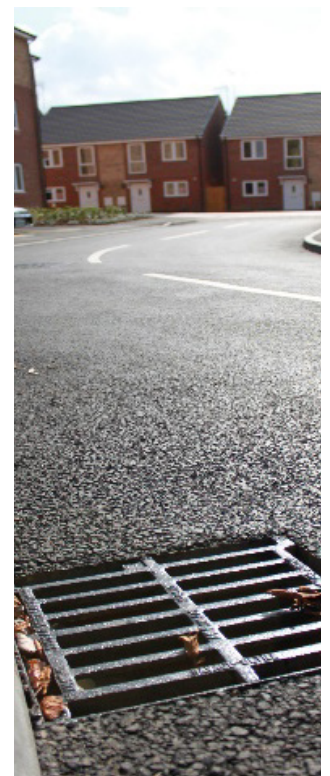
As an engineer, Toby specialises in adoptable roads and sewers design, feasibility and land appraisals, external works design and SUDS design. He was Lead Engineer on the ICE Highly Commended Leicester Forest East Residential Scheme.

Toby's expertise and innovation in Infrastructure Design, coupled with an extremely talented staff, means a project will be completed successfully, within budget and to program. His commitment to provide cutting edge solutions means he is constantly looking to streamline the way in which his teams works, with particular focus on the utilisation of software and AutoCAD applications to automate tasks.

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## Houlton Residential Development



JPP were appointed by William Davis to produce a full civil and structural engineering design for a new residential development comprising of 146 dwellings within the wider infrastructure development in Houlton, Rugby.



JPP works included:

- Initial constraints plans/optioneering works due to the challenging topography of the site and drainage discharge points.
- Producing detailed on-site drainage design including full Section 104 drawing package.
- Producing detailed on-site road design including full Section 38 drawing package.
- Design of all private drainage and external levels to the William Davis specification.
- Producing a detailed cut and fill analysis to inform our client of the earthworks shift requirements to build the scheme out.
- Designing an off-site footpath and associated earthworks to tie into an existing footpath to the south of the site.
- Producing details of the wildlife tunnel crossing beneath the proposed adoptable road extents to ensure an existing 'green corridor' is maintained following construction of an adoptable road which intersects the corridor.
- Taking the scheme through to technical approval with Warwickshire County Council for the adoptable roads and Severn Trent for the adoptable drainage network.

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## Hunnington Residential Development



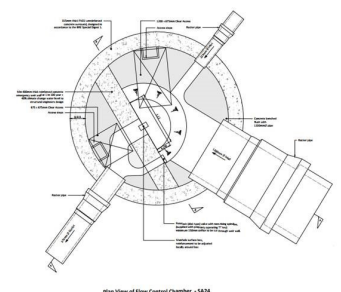
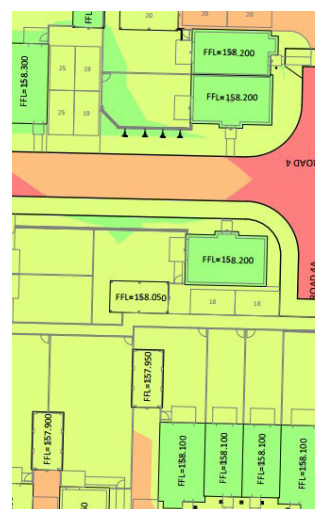
JPP have been working with Bellway South Midlands on developing the former Blue Bird Toffee factory site near Bromsgrove into 86 new residential dwellings that sit around the existing listed buildings which front the site.

As well as developing a scheme containing listed buildings, JPP have worked closely with JBA Consulting, producing options to assist with their hydraulic model as well as developing a scheme around two existing buildings. Careful consideration and design has been needed to protect the proposed dwellings whilst maintaining the existing flow path through the site. JPP have worked closely with JBA Consulting producing options to assist with their hydraulic model.

To assist with the site clearance of the existing buildings and hard standing, JPP have completed an extremely detailed cut and fill based on the different layers of material identified within the geotechnical report. This has been done to allow Bellway to gain an understanding of the material that will be generated from the site clearance at an early stage of the project and make provisions for reusing material where possible.

JPP have provided the following services:

- Site Layout
- Civil Engineering Design
- Foundation Design
- Superstructure Design
- Section 278 Design



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Infrastructure Design  
Structural Engineering  
Development Planning  
Professional Advice  
Geotechnical & Environmental  
Surveying

## Daventry District Council, Heartlands Industrial Estate



JPP led the civil and structural engineering from project conception through to completion for the council and successful Contractor on this prestigious light industrial development within Daventry. Our team came up with innovative analysis and design concepts to overcome site challenges.

Due to programme constraints and site conditions JPP were also appointed part way through construction to offer an additional site support 'structural' role to assist the construction team with specific complex remedial solutions to the building's reinforced masonry retaining walls.

Working in the true spirit of teamwork JPP, together with the client and contractor, have adjusted steel mezzanines main portal frames to rationalise and reduce construction costs through the project.

Image credit: CustodianREIT



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