



Profile

Rich is an enthusiastic and motivated team leader committed to finding the right solution for the client. He has strong background of technical ability, complimented by vast experience – which includes over a decade of managing multi-discipline design teams in a broad field of engineering.

Rich is skilled in leading teams on large and complex projects within a multitude of sectors, including built environment developments, manufacturing, logistics and rail.

A key strength of Rich's is his ability to converse on an equal level with the client, often taking a pragmatic approach to perceived problems.

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Project Experience

Forterra Desford Bricksworth Facility

Rich has been the overseeing Director for JPP, providing engineering and consulting advice to Forterra as they progress the development of their largest brick manufacturing facilities to date. With a multi-million pound state of the art plant to be integrated into this new operation, coordination and clear communication lines are key. To construct the 200m x 90m new main product building, housing 3 separate heavy crane systems, horizontal kiln lines and associated plant, a phased demolition/temporary works scheme is required over the construction period. JPP's role includes pre-planning, temporary works design, civil, structural and architectural support.

Daventry District Council, Heartlands Industrial Estate

This prestigious light industrial development within Daventry has required JPP's Civil and Structural Engineering teams to come 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 the construction to offer an additional 'structural' role to assist the construction team with complex remedial solutions to the building's reinforced masonry retaining walls. Working in the true spirit of team work JPP, together with the client and contractor, have adjusted steel mezzanines main portal frames to rationalise and reduce construction costs through the project.



Engie (Keepmoat), Warburton Terrace

Rich has overseen detailed design development of this part low rise timber frame and part multi-storey reinforced concrete frame housing scheme, one of a number of similar sites being redeveloped by Engie on behalf of London Borough of Waltham Forest. Managing all the assigned in-house design teams, Rich ensured that a consistent design approach was taken throughout, allowing the client to maintain typical construction details for a quicker, easier and more economical construction process for this and the other sites. A particular challenge was building one of the multi-storey concrete frames over a deep Thames Water trunk sewer. This required detailed assessment of the effects of new loads on the sewer, and design of a deep ground floor slab to span over the sewer between piles located in the very limited space available between sewer easement and site boundary.

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