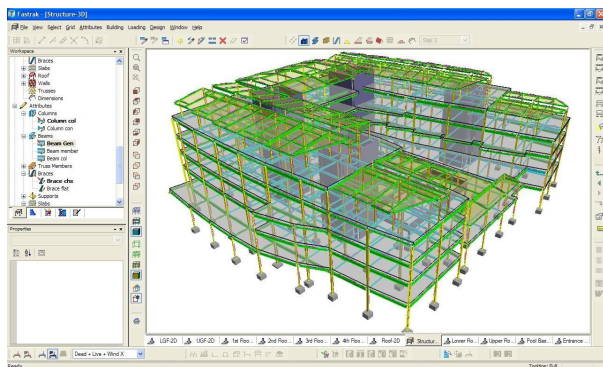




## Fastrak and Orion benefit PEP Civil & Structures Limited



▶ PEP Group model in CSC Fastrak Building Designer

PEP Civil & Structures Limited

[www.pepgroup.co.uk](http://www.pepgroup.co.uk)

PEP Civil & Structures Ltd provides innovative and economic design, coupled with practical solutions for buildings, roads and drainage. Evolved through experience, the design philosophy has always been to produce inventive and cost effective structural solutions, with full recognition of any limitations imposed by the design brief. Services cover a wide range from investigative reports to multi-million pound commercial, industrial, retail, leisure, educational, institution and housing projects. Major clients include the NHS, Barratt Homes, Kier Group, Alfred M<sup>c</sup>Alpine and Mowlem.

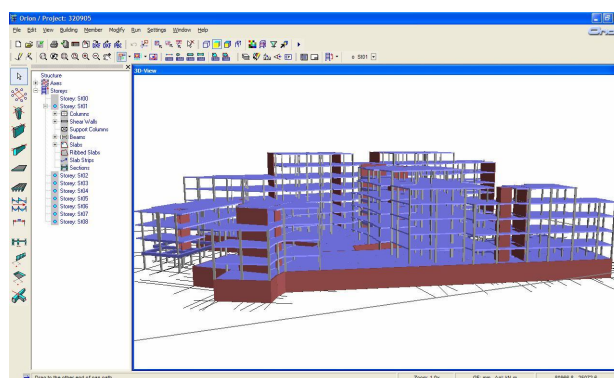
Quality, speed of design and rapid response to problems are the hallmark of the Company – made possible by a suite of computer aided design programs. CSC's Orion 3D finite element reinforced concrete modelling and analysis package is used by PEP. Steel and composite structures are created by PEP using CSC's Fastrak Building Designer for 3D frame analysis and design. In tandem with all the major steel fabricators in the UK, PEP also uses CSC's Fastrak Portal Frame software.

"PEP has invested heavily in CSC's building design solutions, enabling us to compete with the heavyweights of the industry, and achieve escalating success. Our response times are rapid – and we can present different options to our clients and implement their changes quickly. The time savings we achieve and the gains in productivity and efficiency are impressive. We continue to 'punch above our weight' and reap the benefits of our investment in CSC's building design tools."

Brian Brooks – Director

Major Orion and Fastrak benefits to the PEP Group

- ▶ [Reduced time](#) taken to model and design an entire steel/composite or RC building – from initial concept stage to final detailed design.
- ▶ [Improved control](#) over the inevitable variations and changes as they happen.
- ▶ [Increased efficiency](#) – one central structural model will produce the automatic design of a building together with detailed calculations, material quantities, structural layout plans and foundation reactions.



▶ PEP Group model in CSC Orion