

No-Dig technology adopted on Higham Ferrers housing development

A no-dig main sewer outfall scheme has been successfully completed from the site of a new housing development in Higham Ferrers, Northants. West Sussex based drilling and boring specialists Allen Watson Limited has undertaken a 90 metre pipe-jacking drive for David Wilson Homes as part of the in-line sewer and flood management programme of works.



FP McCann supplied DN 600mm precast concrete jacking pipe from its Alnwick facility in Northumberland which was installed using guided auger boring trenchless technology, typically utilised in deep pipeline drives.

Trenchless work is far less intrusive than the traditional open-cut method of pipe laying and is particularly suited to areas where utilities, water courses or transport infrastructure has to be crossed. In this case, the 90 metre gravity sewer pipeline has been driven beneath a busy dual-carriageway, the A6, to the outfall point. From the construction of a 4 metre deep reception shaft, to the piloting of the tunnel and main drive, the scheme took four weeks to complete, with no disruption to the traffic running above.

Established in 1984, Allen Watson has 30 years' experience in tunnelling schemes for the MOD, water authorities and power utilities as well as on many key civil engineering projects such as Crossrail and the River Medway Crossings. The company owns and operates the most extensive and diverse range of tunnel boring equipment in the UK.

Commenting on the project, Director for Allen Watson, Matthew McNally says, *"The Guided Auger drive went as smoothly as we expected. This trenchless method avoided major disruption to traffic flows in the area"*.



Site: Higham Ferrers, Northants.
Contractor: Allen Watson Ltd.
Client: David Wilson Homes
Products Supplied: DN 600mm precast concrete jacking pipes

FP McCann supply a full range of precast concrete jacking pipes from DN450mm to DN2400mm

For further information on **FP McCann's range of Shaft and Tunnelling products**, contact Cadeby on **01455 290780** or visit **www.fpmccann.co.uk**