

“A partner that would deliver”

Springfield Homes choose Energetics Design & Build for Bertha Park Village

Bertha Park, a Springfield Properties village, is a new mixed-use development consisting of 3000 residential houses, two new primary schools and a secondary school as well as medical, retail, leisure and community facilities.

The challenges

The development is being built in three phases, over 30 years. The first phase comprising of circa 1100 houses and new state of the art £32.5million Bertha Park High School, began in 2017. The utility scope of the project was for Energetics Design and Build (EDB) to design and install a high voltage network with 15 substations, a medium pressure gas distribution mains including a gas governor, as well as the connection to gas and electricity for each home, school and commercial unit. So far, EDB has installed four substations, one gas governor and over 5,834 meters of electrical cable and 2,979 meters of gas mains.



A Collaborative Partnership

Alasdair Mackie, Group Engineering Director at Springfield Properties, explains that they were looking for *“a multi-utilities partner that would be able to deliver on a project of this scale (for a development of over 3000 new homes/village) and over a 30-year timescale. From our experience of dealing with Energetics on other projects and knowing the level of expertise within their teams, we had confidence that Energetics would look after Springfield’s interests to deliver the project”*.

Energetics has worked closely and in partnership with Springfield at Bertha Park from the initial design through to the construction stage to deliver this large scale and demanding project within budget and with a client/customer focus throughout.



“Pre-planning and early engagement”

Design Flexibility & Value Engineering

Substantial off-site infrastructure works were required to deliver gas and electricity to the development, through the busy Inveralmond Industrial Estate.

Energetics has risen to the challenges presented at each stage, so far bringing 675m MP gas to site and delivering a 1mva connection, consisting of over 2065m of HV cable, from the nearest SSE substation. The final part of the route involved bringing both the gas and electricity under the Inveralmond River, into the development.

“The pre-planning work by Energetics and their early engagement with other statutory bodies resulted in minimum disruption with regards to the delivery of off-site infrastructure, with no increased costs as a consequence.”

Group Engineering Director at Springfield Properties



Who are Energetics

Energetics is a multi-utility connections company working for many of the UK’s leading housebuilders, construction firms and independent consulting companies in Scotland, North Wales and the North of England. Established in 2006 following the deregulation of the utilities connections sector, Energetics provides a ‘one-stop-shop’ service for multi-utility design, build and connection.



Why Energetics:

- Established in 2006
- 300,000+ Connections Energised
- 300+ Employees
- Backed by M&G plc

Head Office: Fenick House, Lister Way, Hamilton International Technology Park, Glasgow, G72 0FT

Warrington Office: Cavendish Place, Birchwood Park, Birchwood, Warrington, WA3 6WU

Yorkshire Office: Suite 1, Unit 1, 5 Benton Office Park, Bennett Avenue, Horbury WF4 5RA

