Four Ashes

Wolverhampton

Keller were involved at an early stage in the design and construction of foundations and retaining walls for new basement for a manufacturing facility. Early involvement in the scheme allowed Keller's in-house design team to assess the project risks and provide a value engineered solution.

The project

Keller were employed to install a combination of 600m diameter hard and soft piles to an average length of 11m. More than 500 linear metres of secant wall were completed. Keller also did all the setting out and provided the attending excavator for the works.

The challenge

The greatest risk identified was that the founding strata was weak rock. Production rates and the rig selection were critical for the successful completion of these works. Keller were able to offer a Soilmec SR80 which was able to achieve production rates required to attain contract programme duration.

The solution

As Keller had early involvement on this scheme, we were able to work in partnership with the project designer and the principal contractor to fully establish the parameters required and therefore provide a solution which was fully compliant with the client's technical and commercial needs.

Project facts

Owner(s)
Bericote

Keller business unit(s)
Keller UK

Main contractor(s)
Readie Construction

Solutions
Excavation support

Markets
Industrial

Techniques
Secant pile walls

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