

Nottingham Science Park

Driving of precast concrete piles for new office and research development.



AARSLEFF

Aarsleff Ground Engineering have recently completed the foundations contract for a new development at the Nottingham Science Park. Part of the D2N2 Enterprise Zone, the multi award-winning green buildings of the Nottingham Science Park is home of the most innovative companies in the region. The Nottingham City Council and D2N2 LEP (Local Enterprise Partnership) created a partnership to develop the 0.51-hectare site with new facilities and a hub for the wider park.

For the first phase of the project, Aarsleff utilised its Junttan PM20 piling rig to drive 201No. 250mm square precast concrete piles to maximum lengths of 11m. The piles will provide a firm standing for a new three-storey building with Grade A office space for research and development, a café and a conference space. The building has been designed to complement the existing, colourful buildings on site, with a cantilevered upper floor providing an impressive focal point for the new building.

Aarsleff were awarded the first phase of the new development by Willmott Dixon, who also awarded Aarsleff the multidisciplined ground engineering contract

at Rochdale Riverside, which won the 'Civil Engineering Project of the Year' in the Celebrating Construction East Midland Awards 2019.

Aarsleff's graduate engineer Sam Riley, who managed this project said, "It has been a pleasure to work with Willmott Dixon on another great scheme, with our operations and testing completed within the agreed programme."

Aarsleff also carried out vibration and noise monitoring for the piling operations, as well as completing dynamic load testing on the piles. Aarsleff commenced works on 4th March, with piling and testing completed by Wednesday 13th March.

Councillor Jon Collins, Leader of the City Council, said "Being close to both the University of Nottingham and the Boots Enterprise Zone only enhances the opportunities the Science Park can foster. By investing in an innovative sector of the city and national industry, we can all benefit from this in the future as firms expand and invest more into themselves and into Nottingham."



Scope of Works

201No. 250mm square precast concrete piles

Equipment

Junttan PM20 Piling Rig

Contractor

Willmott Dixon

Construction period

4th March - 13th March 2019

Aarsleff Ground Engineering Ltd, is the UK trading arm of Danish contracting giant Per Aarsleff A/S, and is one of the UK's leading piling and geotechnical design and installation specialist contractors; actively promoting early consultation to ensure each scheme can be Value Engineered to give clients the best service, quality design, safety and value. Aarsleff's strategy and philosophy of investment into the future has resulted in its wholly owned subsidiary Centrum Pile Ltd having the most advanced precast pile production facilities in the UK, producing segmentally jointed precast concrete piles to BS En12794 to Class 1A.

Contact

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