

# Skegness TEC

## Driven precast piling solution adds value for education project in Lincolnshire

Over ten days in April 2024, Aarsleff Ground Engineering were on site in Skegness, delivering foundations for the new further and higher education facility in the area. TEC Partnership works to develop further and higher education tailored towards vocational skills which meets local needs and the new hub in Skegness aims to help over 1,000 residents in the local area into employment over the coming years. This will deliver growth in the local economy and enrich the community. With a focus on delivering quality education, the college will provide vocational courses in a wide range of subject areas, including construction, engineering, hospitality, tourism, digital, and more. The main contractor on the project is Hobson & Porter.

The college has been founded on driven precast concrete piles and Aarsleff installed 298 to form the foundations. 257 250 sq mm piles and 41 300 sq mm piles were installed over a period of nine working days.

At design stage, Aarsleff examined the information provided to ensure suitability for the driven technique. The client was keen to capitalise on the fast installation and efficient logistics of a driven precast concrete piling solution when compared with in-situ alternatives, and therefore our design engineers suggested the additional of 9 additional piles to bring loadings down across the substructure. This was accepted by the client and amended by their engineers, delivering savings in programme and materials. The driven precast solution also means a much tidier site, as there is often no need for excavators and very little spoil is generated due to the displacement nature of the pile.

Overall, Aarsleff delivered a clean and efficient solution, adding value through our design expertise. The site is due to accept its first students in Autumn 2025.



## Data

257 250 sq mm driven precast concrete piles  
41 300 sq mm driven precast concrete piles

## Client

Hobson & Porter

## Type of contract

Design and build contract

## Construction period

April 2024



## Contact

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