

Lindsay Road

Client: Blanchard Wells

Value: £80,000

Duration: 1 week

Issue

A kingpost retaining wall was required to facilitate the construction of a new residential development, providing the necessary ground retention to enable the building works to proceed safely and efficiently.

During construction, it became apparent that the original pile layout would need to be modified to provide the client with the most effective solution for the evolving site requirements. Without a rapid response, the project risked programme delays and additional costs associated with redesign, material procurement and construction disruption.

Solution

Using our four key principles of creativity, productivity, sustainability and reliability our in-house design team was quickly mobilised to review the revised requirements and develop an updated pile layout that met the client's needs while maintaining the integrity and performance of the retaining structure. Our ability to adapt the design during construction demonstrated our flexible and solutions-focused approach.

By responding immediately to the design change and having the capability of an in-house design team, we avoided delays to the construction programme. The revised design was developed and implemented efficiently, allowing works to continue with minimal disruption and ensuring momentum on site was maintained.

A key benefit of the redesign was that it utilised the existing materials already available on site. By avoiding additional procurement and material deliveries, we reduced waste, minimised transportation requirements and prevented the environmental impacts associated with sourcing new materials.

Having an experienced in-house design capability enabled rapid decision-making and seamless collaboration between the design and construction teams. This provided the client with confidence that the revised solution could be delivered quickly, effectively and without compromising quality or programme.

Outcome

The kingpost wall was successfully adapted and delivered to meet the client's revised requirements without the need for additional materials or significant programme changes. Through responsive design, efficient delivery and effective use of available resources, we provided a reliable and cost-effective solution that kept the project moving forward while reducing waste and maintaining programme certainty.

This project demonstrates how our commitment to creativity, sustainability, productivity and reliability enables us to simplify challenges and deliver practical solutions for our clients.

Photographs:

