



Installation of CHS piles for new station platform

Sector: Rail

Client: Buckingham Group

RTL undertook the design, manufacture and install of 18no. CHS piles [406mm x 6.3m deep] including the transfer plate fixing detail to the substructure and spreader plate fixing detail to the transfer plate.

The transfer plates and spreader plates were cut, drilled, and galvanised, with the CHS piles drilled with slotted holes, all suitable for the fixings and fastenings, which made construction easier to accommodate the curvature and gradient of the track, this was critical to the installation process due to the tight tolerances required to achieve the transfer plates to the correct level and orientation.

All work was to be undertaken in one 29-hour possession, with all plant and equipment being supplied by Readypower Rail Services. Due to good collaborative working with the Buckingham's site team, the 18no. piles were installed in the first shift, and the transfer and spreader plates placed and fixed in the remainder of the time and indeed the site was handed back 8 hours early.

Please pass on my thanks for the brilliant job your team did.

The team worked hard and never let a negative mindset be introduced.

Whilst utilising 2no. movaxs, it was evident that one was operating more efficiently and making less noise when under pressure for the final installation. A decision was made to use the less inefficient movax to install partially and the more efficient to send them home resulting in no noise complaints.

Client's Head of Safety

For general enquiries, contact:
info@readypower.co.uk
 0118 9774 901