

FLOOD PROTECTION TO A POWER CRITICAL CONTROL FACILITY

“ Whitehouse Construction Ltd have completed the project to programme and budget but also in accordance with the strict Health and Safety requirements enforced by Northern Powergrid

Keith Perigo, Quantity Surveyor
Freedom Professional Services



£716,000

28 weeks

Client

Value

Duration

We were appointed by Northern Powergrid to undertake flood protection works to the boundary of their critical strategic control facility on Gelderd Road, Leeds.

We installed a sheet piled wall running the complete length of the building, acting as a flood barrier. These works were undertaken in carefully controlled phases, enabling all power cables serving the facility to remain unaffected by the piling works.

The newly formed wall was dressed with brick and cast concrete capping, whilst retaining its flood protection purposes.

A reinforced steel flood gate

was fitted across the main access, completing the watertight seal around the perimeter of the facility.

An emergency stepped gantry access and egress route was installed to ensure safe pedestrian routes over the flood wall.

We installed a storm water pumping station with wet well within the compound to control surface water flooding. A new parking facility completed this scheme.

All works were undertaken by our directly employed workforce in a safe, efficient manner and to a high quality standard within a safety critical environment.