

Vane Tempest Colliery

Client:
One North
East

Value:
£5,400,000



Brief

To reclaim a former deep-mine colliery site and prepare it for residential development at a later date.

Action

Extensive site investigation and testing of ground conditions was carried out to establish levels of contamination.

Contaminated materials were excavated and disposed of at licensed landfill sites.

A 'turnover' exercise to a depth of two metres was carried out over the whole of the site to remove any previous foundations or obstructions. Hard materials were then crushed and processed to be incorporated in

the break layer. Excavated materials were placed and compacted to create residential development platforms.

A network of geogrids was installed across the site.

Five hundred linear metres of single carriageway road and a roundabout were constructed and the existing highway realigned.

Gas, water, electricity and telecommunications services, together with surface and foul-water sewerage systems, were installed. Pipe jacking beneath the existing road was undertaken to allow construction of the surface water outfall.



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