

# Music Centre – Gateshead

## Client:

Gateshead  
Metropolitan  
Borough  
Council

## Value:

£2.2m



## Brief

To reclaim a brownfield site within a densely populated area of a busy city centre and carry out civil engineering enabling works in preparation for a follow-on building contract.

## Action

The ground was decontaminated by removing and treating tar and oil-based residues. A stringent testing regime identified chemical contaminants.

The entire site was excavated down to its original ground on a 'turnover' basis. Uncontaminated materials were laid and recompacted to create a clean engineered fill.

Contaminated materials were removed to licensed landfill sites.

In conjunction with geogrids and gabion baskets, a reinforced earth embankment was constructed to stabilise and maximise the available space on site. The face of the embankment was contoured to match the final building profile.

A heavily reinforced concrete retaining wall vaulted roof was constructed to retain the embankment.



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