

Tesco Store Retaining Wall, Bradford

Project Description Sheet



Location

Bradford, West Yorkshire

Client

Forticrete Ltd

Completed

January 2006

Key Project Elements

Ground Investigation
Earthworks Modelling
Interpretative Report
Stability & Settlement Analysis
Geotechnical Design
Reinforced Earth Design
Novel Design Solutions

PSA Design were commissioned by Tesco to design an 8m high retaining structure for a new store development in Bradford. Two reinforced soil walls were proposed on the site to support a Service Yard and to support the car park along its Northern and Eastern boundaries.

The retaining walls were designed to be constructed using reinforced soil techniques with the face formed from dry laid modular concrete blocks stacked to provide a nominal face inclination of 1:128.

PSA Design provided design and supervision services for stability and settlement analysis as well as full geotechnical design services.

