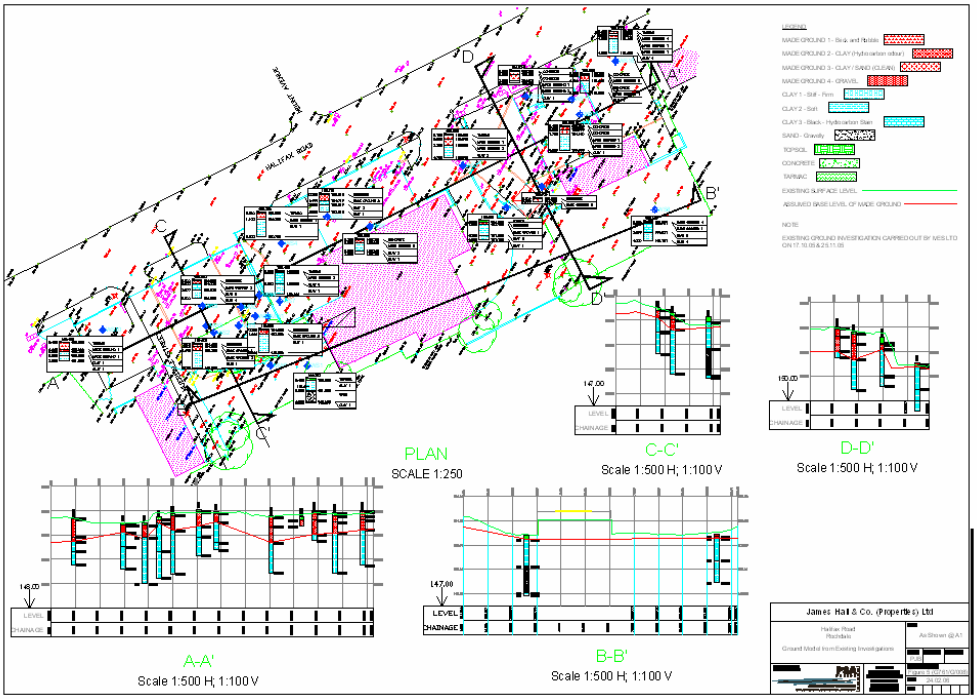
PSA DESIGN

engineering your environment

CIVIL, STRUCTURAL, GEOTECHNICAL, TRANSPORT

Halifax Rd, Rochdale Petrol Filling Station

Project Description Sheet



Location

Rochdale, Lancashire

Client

James Hall (Properties) & Co. Ltd

Completed

2006

Key Project Elements

Desk Study
Volumetric Modelling
Ground Investigation & Earthworks Design
Remediation Design
Petroleum contamination Hazard Assessment

PSA Design were commissioned to assess the feasibility of developing a mixed use commercial & residential on an existing petrol filling station and car showroom.

A Phase 1 desk study was conducted and interpretation of the ground investigation concluded that localised areas of the site showed high levels of hydrocarbon contamination that would need remediation measures for end use.

Extensive ground and contamination modelling of the site using key TERRA-FIRMA, key HOLE and HOLEbase software enabled an accurate understanding of the extent of contamination and therefore was used to keep waste disposal and remediation costs to a minimum.

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