

Touchline Fabrications Ltd. New Workshop And Offices

Project Description Sheet



Location

Red Scar Estate, Preston

Client

Touchline Fabrications Ltd

Completed

Current

Key Project Elements

Ground investigation
Structural Design
Piles and Ground Beam
Suspended Slab
Steelwork Design
Masonry Design

Touchline Fabrications Ltd (Steel Fabricators) commissioned PSA Design to undertake the structural design of a new workshop and offices on a brown field site at Red Scar Industrial Estate, Preston.

The site was formerly a rayon producing works owned by Courtaulds. PSA undertook a detailed Desk Study and Ground Investigation to identify potential and actual contamination on the site.

Investigations revealed underground structures including former fume ducts which ran the length of the workshop. The foundations were therefore designed as ground beams carried by piles. The ground beams carry a suspended ground floor slab.

The main workshop is a steel framed portal with cladding. The design had to accommodate the inclusion of 3 light cranes within the workshop and the client required that one of these cranes could continue out of the building to load vehicles. The offices have masonry walls with a pitched roof carried by steel.

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