
Walsall Housing Group Office Headquarters

Walsall



Project Description

This brownfield site development comprises of a 4 storey steel framed office block consisting of 2 buildings linked together via a walkway and glass atrium at each floor level. The floors are constructed from precast concrete slabs, supported of steel beams designed to act compositely with the floor slab. Lateral stability is provided using a combination of cross bracing and moment resisting frames.

The main front elevation features a glazed curtain walling façade, supported by the main steel frame. Design and erection tolerances were critical and so a tight deflection criteria was required. Exposed circular raking steel sections provide the main support to the front façade which are built off pad foundations, and are partially concealed behind a sloping reinforced concrete retaining wall, due to the varying external ground level.

The foundations consist of mass concrete pad bases, with the overall development restricted to a maximum global load of 40 KN/m², due to the underlying limestone mining caverns.

BREEAM Rating : Excellent

Client	Walsall Housing Group
Contractor	John Sisk & Son Ltd
Architect	Bisset Adams
Value	£6.5 million
