
Four Dwellings School, Birmingham



Project Description

Nolan Associates were selected to act as structural and civil engineers for Lend Lease within the Birmingham BSF Programme.

Four Dwellings was a structurally challenged school. The primary school and secondary facilities date from the 1940's and they had a number of issues. The primary school was so poor it needed to be demolished and the secondary school was refurbished.

The new primary school is a timber frame construction featuring a double storey hall at the centre with classroom clusters and breakout spaces around the outside at ground floor level. First floor has offices, further classrooms and ancillary uses.

The new external works feature a new car park and drainage system via porous paving, muga pitches and external learning spaces.

The secondary school suffered from concrete deterioration. Precast elements such as lintels, panels, window reveals, cills and eaves panels have cracked and spalled due to lack of expansion joints, poor cover or concrete carbonation. Nolan Associates carried out a structural survey and defects report, drawings and repair specifications.

The new primary school was the winner of Built in Quality Award in the Education Sector and the Project of the Year 2013 Award at the West Midlands Centre for Construction Excellence Awards 2013.

Client	Birmingham City Council
Contractor	Lend Lease
Architect	DRMM Architects
Value	£7.5 million
