



Project Value: £26m - Student Accommodation
Client: Bournston Developments
Contractor: North Midland Construction
Architect: Perry and Bell Architects, London

The Project:

The project consisted of a 10 storey steel framed block of student accommodation comprising of 500 apartments. The ground conditions were poor and the site needed to be piled to accommodate the loading. In addition severe diesel contamination was found across the site area due to leakages from two large storage tanks and approximately 50,000 litres of diesel was pumped from the site. The site was then treated using bio-remediation techniques, pumping gel into well points and approximately five metre centres across the site area.

This process commenced at the same time as the piling and ran in conjunction with the development over a period of 6 months then finally the target levels for the soil and the ground water were achieved for the EA.

Value Engineering work was undertaken on the steel frame and in particular above the retail areas and a composite hollow rib floor was adopted for the suspended floor above these areas.

The scheme was finished within budget and on programme and forms an attractive part of the new university facilities being provided in Lincoln,

HSP Consulting undertook all of the flood risk, traffic, highway, site investigation and remediation reports together with the full civil and structural engineering design. HSP work closely with the client in the early stages to achieve an optimum solution and were subsequently novated to the main contractor within the design and build procurement for the scheme.