

Project name, location

New Shires Development - Multi Storey Car Park and B6 residential site, Leicester

Year of completion

2007

Contractor

Norwest Holst

Consultant

Waterman Group



Project description

Construction of the New Shires Shopping Centre Car Park and B6 residential block.

PT tonnage

52,360 m2 of PT slabs; 246 tonnes of strand

PT system(s) and size(s)

4 S 15 for beams, 3 S 13 for slabs

Principal benefits of using PT on this project

The post tensioning system reduced the quantity of concrete, reinforcement, foundation loadings and construction time. This all produced savings for the project and increased headroom by 300mm.