

## Allen Ford, Car Showroom & Workshop – Swindon



**Client:** Allen Ford  
**Architect:** SDA Architects

**MSJ Commission:** Structure and Civils  
design and detailing

The project consisted of a car sales showroom and a separate workshop/MOT test facility with first floor office space. The buildings are steel-framed. Relatively poor ground conditions led to the adoption of vibro-flotation treatment as an economical means of limiting settlement beneath the ground floor slabs. Sustainable urban drainage systems (SUDS) comprising permeable paving, retention tanks and hydro-brakes were employed to meet stringent surface water outfall conditions.



Melia Smith & Jones were commissioned to design and detail the sub- and superstructure elements of the buildings and the site wide drainage for the scheme.