
Housing Development, Wharfedale Homes, Laburnum Farm, Hessay



Client: Wharfedale Homes
Contractor: Jack Lunn Construction Ltd
Architect: P+HS Architects

MSJ Commission: Foul & Surface Water
Drainage Design

Melia Smith & Jones were commissioned to design the foul and surface water drainage for this development of 7 large detached houses.

Strict surface water discharge limits were imposed and MSJ used various methods of restricting and reducing the amount of rainwater leaving the site.

A combination of permeable block paving and gravel driveways were used to reduce the amount of runoff from the roads and driveways.

Small areas of roofs drained to an existing on site pond with the remaining areas draining to an underground tank. Off-site flows were restricted by using a vortex flow control device. MSJ had to liaise with the local water authority and Internal Drainage Board to gain approval for the design.

