

# Leisure and Equestrian Facilities at Crow Wood, Burnley

## Project Description Sheet



### Location

Royle Lane, Burnley

### Client

Michael Rayner Associates

### Commenced

December 2000

### Key Project Elements

Car park design  
Access road layout and design  
Foul and surface water drainage design  
Concrete slab design  
Street Lighting design  
Sustainable Urban Drainage Systems (SUDs)

The development at Crow Wood consists of a leisure centre and equestrian facilities with all the associated access and drainage requirements.

Inadequate drainage design and installation of the all-weather gallops by the contractor required that PSA Design design a revised drainage solution.

A SUDs drainage solution, incorporating swales and a soakaway was developed and constructed.

PSA Design took on the role of verification engineers for the project and was responsible for checking the design of all aspects of the proposed development. This included the following:

- Access road design pavement design
- Foul and surface water drainage design
- Reinforced concrete slab design
- Role of 'Clerk of Works' on site
- Street lighting design