

Ashlands, Portishead

Brownfield Regeneration, Earthworks and Infrastructure Design

Client: Persimmon Special Projects

Location: Ashlands, Portishead

Project value: c.£20M

Status: On Site

Overview

At Supporta Professional Services we pride ourselves on offering a balanced engineering service, from within the practice, which means you can brief us on a civil contract, confident in the knowledge that we can deliver complementary skills in other areas.

An example was our commissioning by Portishead Quays Consortium of developers, (which became Persimmon Special Projects in 2004), to undertake the regeneration of brown field land at Ashlands in Portishead, on the site of a decommissioned power station.

Over more than 50 years of operation, ash produced by the power station had been dumped into lagoons on the site. This resulted in a topography that needed significant modification and a surface that required careful management of contaminated materials prior to development.

The Project

Supporta undertook the immense task of re profiling Ashlands, a major earthworks project, as well as constructing infrastructure in preparation for development. We created a topography that was suitable for the development of over 1600 new homes, around 100 houses per plot. A task that included dealing with complicated waste management issues involving the waste ash and it's capping with a metre of inert material.

Our team went on to provide surface water solutions to mitigate flood risk, taking into account the site's proximity to the Severn Estuary and the impact of tides and foul water solutions to adequately drain a virtually flay site. We also consulted and designed the road infrastructure in the form of both main and shared surface highways.

The Right Choice

Supporta was chosen for the job after a competitive pitch thanks to our clarity of design and the quality of our civil engineering solution. We believe this quality standard is a product of the level of experience of the staff you will find us allocating to any particular task. As more experience is allocated to the design, management and supervision of any given contract, the civil engineering product we offer is optimised. This vital fact means you get the most efficient and cost effective solution and we get recommended for further work.

In the case of Ashlands we went on to be retained by many of the developers responsible for the erection of the new homes once the consortium sold segments of the site on.

We are lucky enough to deliver our civil service to a wide range of clients in the Public and private sector. In the private sector our portfolio of experience includes Retail, Commercial and residential projects and in the public sector we have worked on healthcare, education and even local government projects.

The common thread throughout everything we do is the balance of skills, experience and track record of our staff in delivering clear, clever and economical solutions to our clients.



- 1: Environmental Capping Layer works following installation of Main drainage.
- 2: Later in the project Piling Foundations for new homes.
- 3: Ashlands Infrastructure Project, 2002-2005 (£20M)
- 4: Piling in Portishead, we have designed foundations and infrastructure for over 800 houses.