



clarkebond

"We were delighted to receive planning permission yesterday for our scheme. I'd just like to thank you all for your hard work in progressing this site to a successful conclusion", Rachel Humphreys, Head of Planning, British Solar Renewables.

site viability & development services

Our multidisciplinary engineering teams provide a cradle to grave service from initial pre-planning due diligence assessment right through to as-built information. What does this mean for you? You will benefit from the continuity of service from a consultancy that has all relevant engineering disciplines under one roof, has vast experience of achieving successful planning outcomes and understands what is needed at detailed design and construction stage.

By reviewing all available information and using our detailed design knowledge we can provide an engineering overview early in the project cycle and feed vital information into the master planning process. We can identify where deficiencies exist, where value can be added and where there are risks. In this way we ensure we mitigate problems early on in the process whilst bringing more certainty to a schemes deliverability, buildability and viability.

The earlier we are involved in a scheme, the more value our skills and expertise can add.

services

Engineering Site Appraisal

- pre-purchase evaluation & reporting

Flood Risk

- flood risk assessments
- strategic & local flood defences
- flood modelling and flood zoning analysis

Civil Engineering

- preliminary & detailed SUDS
- foul & surface water drainage engineering
- 3D ground modelling cut & fill analysis
- initial engineering assessment

Ground Engineering

- site investigation – phase 1 and 2
- contaminated land statement
- remediation strategy
- foundation, human health,

ground gas and groundwater risk assessments

Transport Planning

- highway design
- private & adoptable roads
- traffic impact assessments and statements
- junction analysis
- speed & trip generation analysis
- vehicle tracking analysis

Structural Engineering

- structural schemes
- foundation solutions and zoning
- retaining structures
- superstructure design
- demolition & recycling protocols

how we add value

- A continuous, complete service, covering all engineering disciplines, from due diligence to a detailed as-built scheme, saving time and costs and providing certainty.
- Knowing what is required at construction stage enables us to mitigate issues early in the process.
- Our complete engineering overview means greater certainty in deliverability, buildability and viability.

example projects

Cotswold Gate, Chipping Norton

Early involvement at pre-acquisition stage enabled Clarkebond to find a drainage solution which overcame poor ground conditions, zone the site accordingly and feed this into the masterplan to maximise plot layout. [More](#)

Royal Bath+ West England Development

Clarkebond provided input into the masterplanning process to optimise the earthworks and drainage strategy and transport planning for the entire site, allowing plots to be brought forward individually with minimal additional costs. [More](#)

Hadlow Place Farm, Kent

Our flood risk assessment demonstrated that the development complied with National Planning Policy Framework (NPPF) requirements. This, along with our advice on the development layout, innovative solar panel design and use of Sustainable Drainage Systems (SUDS) were significant factors in achieving planning approval. [More](#)

- civil engineering
- structural engineering
- facade engineering
- geoenvironmental engineering
- environment & sustainability
- engineering management
- resilience & recovery
- infrastructure & drainage
- transport planning
- BIM

For more information please go to www.clarkebond.com or call **0117 929 2244**