

Barry Horne

Director
BEng(Hons) CEng MIStructE



Personal Summary

Barry Horne has been a member of the firm since graduating from Sheffield University in 1988 with an honours degree in Civil and Structural Engineering. He was awarded the Andrews-Kent prize his examination paper in the Institution of Structural Engineers Part III Final examination.

Barry is instrumental in advancing the strategic design from the outset offering efficiencies in design when there is greatest potential to do so. He briefs the Civil & Structural (C&S) delivery team and maintains overall management.

Barry maintains overall responsibility for the C&S design delivery, addressing project challenges such as building structure, survey conditions, landscaping and highways. He undertakes regular in-house design reviews to ensure we deliver a co-ordinated engineering solution.

Barry monitors both the technical and financial aspects of the projects to ensure that all the quality aspects and performance related procedures are fully implemented.

Civil & Structural Engineering
Building Surveying
Project Management
Structural Surveys
Foundation Design
Building Defects

Experience

Industrial

- Ineos Energy from Waste - Design of new rail track, roads, retaining walls, drainage, crane beams and foundations for a new rail freight terminal serving a new Power Station
- Trelleborg Design of a new 40m span portal frame factory extension with additional design of new foundations, crane beams, concrete hardstanding and drainage. Assessments also undertaken on existing frame to determine feasibility of connecting new extension to existing
- NGFE Structural alterations of an existing fibre forming facility. Due to a change in production techniques. Work included the demolition of existing floors to be reinstated with a new floor structure to suit new equipment. 3D modelling and drawing creation using AutoCad and Revit (BIM level1)
- Cabot Barry – Design of steel structures and associated foundations for a new process plant at Cabot Carbon in South Wales. The works included the design of various steel platforms, process support structures and associated pipe bridges. 3D modelling and drawing creation using AutoCad and Revit (BIM level 1)
- Project Fresco – FEED study and design of foundations, buildings and process structures for Akzo Nobel's £100m paint manufacturing facility in the North East of England, including new head office premises with BREEAM excellent rating
- CRP Marine - Factory extension and hardstanding. New factory for the production and storage of marine buoyancy equipment
- Westbrook Packaging - Remodelling of packaging factory complex. Works comprised a new material storage warehouse, production building extension and 50m span finished product warehouse, incorporating dock levellers
- Central Trading Estate - New trading estate and infrastructure works
- Pilkington Glass - New build factory and production facility
- Chatsworth Avenue Pumping Station - New interceptor sewer pumping station
- Speke Industrial Estate - Feasibility study for re-modelling existing industrial estate

- Classic Couverture - New bulk chocolate manufacturing facility
- Royal Mail, Portsmouth - New build sorting and delivery facility, incorporating single span portal frame and dock levellers
- Liverpool Tanning - New build tannery
- De Roma Ice Cream - New ice cream factory and production facility
- Procter Gamble - New build high bay warehouse with automated racking facility
- Nelson of Aintree - New high bay warehouse and extensions to existing production facility