

# Scott White and Hookins Broadcast



February 2010



**2**009 has been a challenging year and looking forward, our expectations are that 2010 will be equally challenging.

There are, however, at Scott White and Hookins, principles that

have been part of our past and present that will provide structure for 2010 helping us to tackle anything that comes our way. The principles are based on people, professionalism and purpose.

We value people; our employees, the clients who provide us with work and our construction team colleagues, together with those who benefit from our projects. This commitment to people remains as firm today as it has always been.

At Scott White and Hookins we pride ourselves on the professionalism we bring to each and every project with the same enthusiasm we applied to our very first; attention to details, high quality and value for money are our hallmarks.

Finally, Scott White and Hookins is a results and direction orientated business seeking to share success, focusing on our strengths, maximising our assets and caring for our communities and the environment in which we live.

It is in the knowledge that we have these principles as our foundation that I have every confidence for the future whatever changes and challenges we may face together.

Gordon Lockhart :: Managing Partner

## Iconic SWH

As part of recent changes to our branding we have introduced a set of icons depicting the services we offer. The new icons appear throughout our marketing material. A key to their meaning is provided on the back page.



## New Website Too!

On 1st December we launched our upgraded and updated site which allows us to showcase the complete range of services we offer and the markets we operate within. A new feature on the website is Spotlight which is updated monthly and focuses on a core area of the business or an individual.



## 9m High Retaining Walls, Stratford

Scott White and Hookins was appointed by PJ Carey to act as Civil Engineer for the design of the retaining walls surrounding a major sport related development in Stratford.

The project comprised around one kilometre of 9 metre high retaining wall with Network Rail and DLR approvals. Recycled materials were used for the backfill behind the retaining walls.



# East Surrey College

SWH Approved Inspectors Ltd, SWH Health and Safety, Archial Architects, Hoare Lea and Wates came together to create the next wave in education design for Gatton Point North Campus of East Surrey College.

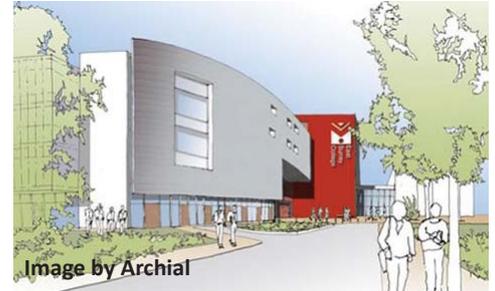


Image by Archial

The scheme involves an entirely new teaching building designed to improve on the facilities previously offered. Recognising the importance of combining teaching and working spaces with relaxation, the design of the building focuses around a Winter Garden Atrium and exhibition area. The building is recognizable by the zinc clad 'feature wall' leading to the front entrance, pinpointing the institution as a gateway to education and a beacon to those wishing to stretch themselves through learning.

The exciting new facility hopes to be an exemplary statement of a building which enhances learning, complies with legislative requirements, is fully functional within the needs of the college and still maintains itself as an inspiring space in which students desire to spend time and learn.



# Beaufort Park, Bracknell



Images by Fenchurch Estates Ltd.

**Client:** Fenchurch Estates Ltd  
**Architect:** PRC  
**Project Managers:** Madlin and Maddison  
**Contractor:** Feltham Construction  
**M&E Consultant:** RHB Partnership

Scott White and Hookins was appointed by Fenchurch Estates Ltd, to provide Civil and Structural engineering, Approved Inspector services and the specialist BREEAM assessment for their new £7.0m, 50,000 sq ft office development, located close to Bracknell.

The main building is a traditional braced steel frame with composite concrete floors. The wings to the upper floor have clear span areas up to 18m, allowing the tenant unobstructed space to plan their office layout.



The brief provided to the team was to design a head office building sympathetic to the woodland and heath land location of the site. An extensive Sustainable Drainage System, re-use of crushed demolition materials and sensitive construction within the tree areas all contributed to achieving a high rated BREEAM 'Very Good'.



# Garons Swimming Pool, Southend-on-Sea

SWH Health and Safety is proud to be CDM Co-ordinator for the £13.4m construction of Garons Swimming Pool in Southend-on-Sea. The facility is expected to be a key training facility for Team GB's diving and Paralympics Team ahead of the London Olympics in 2012.

The project, supported by Sport England, involves construction of an international standard diving pool, a 25m, eight lane competition pool and seating for 398 spectators. The site is extremely tight with a school running along one boundary and sports ground on another, providing challenging hazards for the design team under the direction and co-ordination of the Scott White and Hookins CDM Co-ordinator.

Design issues in construction have featured prominently in this prestigious project, with access to the site dictating the size of steel sections that could be brought to site and with the erection of the steel frame needing to progress prior to excavation of the pool in order to be able to accommodate the crane needed to erect the large steel members.

Scott White and Hookins has been able to demonstrate the value of having a proactive CDM Co-ordinator at all stages of the project.

The project is due for completion in September 2010.



## Royal Marsden Hospital, Chelsea

We continue to provide full structural engineering services following a major fire in January 2008 which destroyed the roof over the Chelsea Wing and mechanical services serving a large proportion of the hospital.

The client chose to take the opportunity to maximise the facilities provided within the re-built and refurbished building.

Changes to the scope of works and brief have been managed quickly in

conjunction with the contractor and other design team members to ensure that any revisions are incorporated within the construction programme and budget, whilst ensuring that any disruption to the hospital is kept to a minimum.

Completion of the areas damaged by the fire is due for late summer 2010 whilst refurbishment of other areas of the hospital will continue right through 2011.



## East London Line

Image provided by Balfour Beatty

**Client:** Transport for London  
**Contractor/Client:** Balfour Beatty Carillion Joint Venture

The East London Line is a new £360M railway intended to revitalise travel in East London and aid regeneration within the areas that it will serve.

Scott White and Hookins was responsible for the design and detailing plus co-ordination of over 400 line-side installations on the railway, all to a very tight programme. The work involved site surveys, design of installations, interfacing with the

other design disciplines and obtaining assurance approval for each structure. The installations included under track crossings, access roads, signal and gantry bases, electrical sub-stations, elevated steel platforms and retaining wall structures.

Scott White and Hookins' co-ordinating engineer worked full time from the client's office, ensuring clear and concise communication across all design disciplines. Using this approach Scott White and Hookins successfully met the client's requirements for both product and programme.

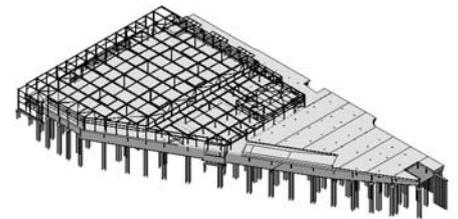
# Building Information Modelling (BIM)



Scott White and Hookins has recently invested in Autodesk Revit, which is a Building Information Modelling (BIM) application. BIM necessitates a different way of thinking which requires a move away from traditional workflow methods, with more time being spent on the scheme at feasibility, and outline design phases.

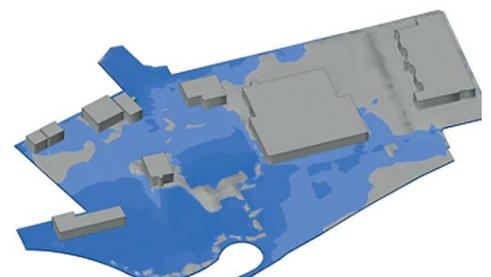
We believe that BIM works best when parties involved in a project are sharing the 3D parametric model and BIM data of the proposed development. Not only does this provide better results short term but it promotes a cost and time effective team mentality that in the long term results in a more fluid and cohesive working relationship.

Producing construction documentation from a 3D Model has a number of advantages, most prominently clash detection between disciplines can be detected early avoiding costly re-design later in the project.



BIM Technician, Rikki Hartigan, based at our London office used an AutoCAD 2D site survey drawing as an underlay to create a 3D topographical model of existing and proposed site layouts for a proposed development of a well-known supermarket chain.

We were able to provide the Environment Agency with drawings at set levels of floodwater showing the extent and pattern of the flooding of the site under the influence of a rising flood water level. This enables us to provide detailed information to the Environment Agency to expediate the approvals process, and allows the client and his insurers to see what extent his proposed building is at risk from flooding.



## New Appointments



As part of our long term strategy, we are delighted to announce the appointment of Ann Raybould as Practice Director and Derry Long as our Business Development and Marketing Manager.

These appointments will allow the Partners to focus more time on the business strategy and provide further support across all our projects.



## Extramile Challenge 2009

In September Scott White and Hookins took part in 'The Loire Challenge' 2009, organised by Extramile Challenges. The challenge involved 43 teams, riding over 500 miles in three days in France.

The Scott White and Hookins team raised in excess of £1500 for their chosen charities; Poole Hospital Wish list and The National Autistic Society, along with the nominated charities of the event organisers.



## MIPIM 2010

Scott White and Hookins will be travelling to (hopefully!) sunny Cannes in March for the Annual Worldwide Property Showcase. Once again we will be part of the London stand and represented by Jason Daniels, Richard Hemming and Derry Long. If you would like to meet up with us whilst at MIPIM, then please drop us a line at [mipim@swh.co.uk](mailto:mipim@swh.co.uk)

## Staff Achievements



Paul Boshier and John O'Gorman, based at our Bedford and London Offices, have recently achieved **BREEAM Accredited Professional (AP)** status. The qualification was recently



introduced by BRE to allow successful candidates to demonstrate specialist skills in sustainability and environmental design along with a high level of competence in the BREEAM Assessment process.

In recognition of the advantage their expert advice can bring to a project team, BRE have also included provisions for all forms of BREEAM schemes to qualify for 2 Innovation credits when a BREEAM AP is involved in a project from an early stage.



Two of our engineers, Ian Llewellyn and Steve Nickols, have successfully passed their Chartered exams; Ian with the Institution of Civil Engineers and Steve with the Institution of Structural Engineers.



Tom Peeling has been elected by the Membership Council to become an Associate Member of the Chartered Institution of Highways and Transportation. He was also awarded "BTEC Student of 2009" by Solent University.

## November 2009

Eight members of staff from our Winchester Office spent the month of November taking part in the annual, month-long celebration of the moustache, known as Movember. In that time they successfully raised over £1000 in support of the Prostate Cancer Charity.



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## Key to new icons:



Civil and Structural Engineering



CDM Co-ordination



Health and Safety Consultancy



Approved Inspectors



BREEAM



Flood Risk Assessments



Party Wall Surveying



Access Statements and Audits



Fire Consultancy



Specialist Services



Traffic and Transport



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