



Approved Inspectors
and Consultants



Everything under one roof

Recent and Current Projects

Code Level 6 Project - New Crane's Court, Basildon, Essex

Client: Swan Housing Association

Developer: Denne Construction

Architect: The Tooley & Foster Partnership

Energy Assessor: BBS Environmental

Building Control: BBS Building Control Limited



BBS is very pleased to have been involved in this project. Winner of "The Larger Sustainable Housing Project of the Year", BBS provided the SAP and CSH (Level 6) assessments on the entire scheme, also Building Control.

Sustainable Housing Awards 2012 Winner

One of the largest zero carbon projects in the Thames Gateway. Crane's Court is the first housing development to have its heating and electricity provided by a Combined Heat and Power (CHP) unit fuelled by glycerol, a waste product of bio-diesel. BBS Environmental is conducting the SAP and CSH (Level 6) assessments on the entire scheme.



Myatts Field North Housing Estate, Stockwell, London

Planner: Tibbalds Planning & Urban Design Limited

Architect: PRP Architects

Project Manager: Gleeds UK

Contractor: Higgins Construction PLC

Building Control: BBS Building Control Limited

The major regeneration programme, over 25 years, of the Myatts Field North Housing Estate in Stockwell is the result of a close working partnership between local residents, Regenter and Lambeth Council. The redevelopment will include; the building of over 300 replacement homes, the modernisation and refurbishment of more than 170 homes and an additional 350 new homes, of which 10% will have full wheelchair access. The architect on this impressive project is PRP Architects and the contractor, Higgins Construction PLC. BBS Building Control Limited is providing Building Control on the various phases of the scheme.

Rizon Jet, Biggin Hill, Kent

Client: Rizon Jet, Dohar, Qatar

Main contractor: Civil Contracting Limited Building Control:

BBS Building Control Limited

Erection of a new 3,500 sqm. aircraft hangar with passenger lounge and two storey offices over. Plus, a basement area housing generator and plant with three storey maintenance/staff accommodation over. The building itself is steel framed with composite panel cladding and glazed rain screens to office areas.



The main difficulty to overcome was balancing the need for adequate means of escape, along with the required security measures of an international passenger terminal. The use of protected escape routes with a fully addressable fire alarm system linked to automatic locks. Sensitive areas such as the hangar and FBO/passenger lounge, monitored by a VESDA system. This was achieved by close liaison between fire officer, building owner/management team and fire safety consultant throughout the project.

Recent and Current Projects - Contd.



Aldgate Place, Tower Hamlets, London

Applicant: Aldgate Place (GP) Ltd. (Barratt Homes & British Land JV)

Planning Architects: Allies and Morrison

*Planning, Energy, CSH & BREEAM Consultant: BBS Environmental
Strategic Sustainability Consultant: Deloitte Real Estate*

This current project is composed of 463 apartments, and approximately 11,500m² of commercial space including a hotel, offices and retail units. In the project, BBS Environmental worked closely with Deloitte Real Estate, developing the energy strategy, providing local policy input, and providing the CSH and BREEAM pre-assessments. Deloitte was employed to draw these technical elements together into an overarching sustainability statement for the application. The application is currently pending, but all the elements

relating to energy and sustainability have been favourably received by both the GLA and the LPA.

257 City Road, Islington, London

Developer: Orion City Road Trustee Limited

Planning Architects: UNStudio, PLP Architecture

Planning, Energy & Sustainability Consultant: BBS Environmental

Main Contractor: Ardmore Construction Limited

CSH & BREEAM Assessor: BBS Environmental

Energy Assessor (SAP & SBEM): BBS Environmental

This project involved the redesign of the façade of an already-consented scheme for a 30-storey tower containing 190 of the highest specification apartments, together with a revisiting of the energy strategy. A complex project that had to work within the confines of an extant consent and in the context of changing developer aspirations and changing planning policy. The end result was consent for a building with a dramatically different façade that was shown to be fully compliant with relevant local and regional policies.



Trenchard House, City of Westminster, London

Developer: Barratt London

Planning Architects: TP Bennett

Planning, Energy & Sustainability Consultant: BBS Environmental



This redevelopment of 78 stunning apartments on the site of the former Metropolitan Police "Section House", in the centre of Soho, gained planning consent in August 2012. BBS Environmental provided guidance on all matters relating to energy and sustainability throughout the course of the design and planning process and prepared planning reports for the application. The scope of work included: the energy strategy and statement, the sustainability statement and supporting CSH and BREEAM pre-assessments.

Waterside Park, Newham, London

Developer: Barratt Homes

Architects: Allies and Morrison; Maccleanor Lavington

CSH Assessor: BBS Environmental

Energy Assessor (SAP & SBEM): BBS Environmental

Set at the heart of the Royal Docks revival, Waterside Park is directly adjacent to Pontoon Dock DLR station. The development is composed of 780 stunning apartments, and is taking place in five phases, of which two are complete, and three are currently in progress.



Recent and Current Projects - Contd.



Great Dixter House & Gardens - Phase 3 Development

Project Manager: Appleyards

Architects: Thomas Ford & Partners

Building Firm: Davis Builders

Building Control: BBS Building Control Limited

Phase 3 development and alterations to the Grade I listed building are now underway. This includes important conservation repairs and the installation of a biomass boiler within the oast house. Also construction of a bunker, adjacent to the Oast, to provide storage for wood chip fuel for the boiler.

The existing system of eave gutters and downpipes will connect to a new underground rainwater drainage system, which will then connect to a new rainwater harvesting storage tank. Wool acoustic insulating matting is to be installed within the existing timber framed walls and roof of biomass boiler house.

Maple Quays, Canada Water, London

Developer: Barratt Homes and BL Canada Quays Limited

Architects: CZWG Architects and PKS Architects Energy

Assessor: BBS Environmental



Canada Water, like so many areas within the Thames Gateway, is undergoing a major transformation. The new development consists of several sites: Site B is at its heart, close to the library and forming a backdrop to the main plaza. The mixed use scheme comprises 63 units of which 21 will be affordable homes. The ground floor will be for commercial and retail units. Site A includes 600 residential units of which 170 will be affordable and 10% disabled homes.

BBS Environmental is conducting the SAP and CSH (Level 4) Assessments on the entire scheme. All plots comply with the Lifetime Homes criteria.



Private Residence, Keston Park, Kent.

Design Architect: Spaced Out Limited, London

Main Contractor: Modillion Homes, Surrey

Building Control: BBS Building Control Limited

This property, which featured on the Channel 4 Programme, *Grand Designs*, was inspired by the light and space of a woodland clearing. Centered on a double height lounge with gallery, the house is full of curves and wonderful framed views of the parkland setting. Constructed innovatively and economically by using curtain wall sections, each glazed façade contains Heat Mirror film which minimises the heat entering and

leaving the house through the glass.

Loves Farm, St. Neots, Cambridgeshire

Client: Pilgrims Housing Association, Bedfordshire

Developer: Kier Homes Partnership

Energy Assessor: BBS Environmental

The scheme comprises 122 houses and apartments: 87 for rent, 30 for shared ownership and 5 for discounted sale. The scheme is on four separate parcels of land within one major development. All the units are built using timber frame construction to EcoHomes 'Very Good' standard.



Overall development is for 1,250 homes. Future parcels of land will increase the number of affordable homes, on the scheme, to approximately 400, which will be constructed to Level 3 under the Code for Sustainable Homes. All energy assessments are being carried out by BBS Environmental.

Recent and Current Projects - Contd.

Redevelopment - Trinity Street, London

Architects: A&Q Partnership

Developer: Denne Construction

Energy Assessor: BBS Environmental



The redevelopment comprises ten 4-storey houses and twenty two 1, 2, and 3 bedroom apartments with underground parking.

BBS Environmental has worked with Denne Construction, on many projects, across London and the South East of England. BBS carried out the energy assessments on this scheme and all certification is now complete.

Central Chelmsford Regeneration

Client: Genesis Housing Association

Contractor: Denne (Leadbitter Group)

Design/Pre-planning Architect: Pollard Thomas Edwards architects

Post-planning Architect: West & Partners

Building Control: BBS Building Control Limited

Energy Consultant: BBS Environmental



The former Anglia Ruskin University site is undergoing a dramatic transformation. Over the next eighteen months, Phase 1 of the Central Chelmsford Regeneration scheme will see the construction of over 500 homes and the creation of a new commercial centre. The one, two and three bedroomed homes will contain 124 affordable and 65 extra care units. The three historical buildings; Anne Knight, Frederick Chancellor and Law Building will be retained and fully re-furbished to create commercial floor space.

Incuba Innovation Centre, Dunstable, Bedfordshire *Client: Central Bedfordshire College*

Architect: Atkins

Contractor: Ashe Construction Limited

Building Control: BBS Building Control Limited



Work is nearing completion on the former Dunstable Fire Station to construct a new campus for the Central Bedfordshire College. This new facility will deliver training and demonstration facilities for the renewables energy sector. The Incuba Centre will cost approximately £4 million and is estimated to deliver 125 new direct jobs and support over 200 local businesses to start or grow by 2016. The Centre will provide advice around energy savings and how local businesses can be more energy efficient, reducing their energy

costs along with reducing CO₂ emissions throughout the area.

Colindale Avenue, The Hyde, London, NW9

Client and Contractor: Hallmark Estates

Planner: KR Planning Limited

Architect: Contemporary Design Solutions

Building Control: BBS Building Control Limited

This eighteen storey scheme will comprise a 374 bedroom apartment/hotel with a club, restaurant, gym and four commercial units on the ground floor with associated parking and landscaping. The project commenced in the spring of 2013 and is scheduled for completion in the summer of 2014.

