



Environmental Team Newsletter

Great news.. Parkwood Consultancy Services are now a N.Q.A BS EN ISO 14001 (2004) and BS EN ISO 9001 (2008) accredited consultancy.



Landscape Architecture

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During the first months of 2009 the landscape architectural team have won and completed a variety of design commissions including the refurbishment of the externals to a crematorium in Weymouth, Cherwell Spiceball Leisure Centres landscape management plan on behalf of Kier-Moss Ltd and Barratt Homes Sales Arena hard and soft landscape design in Bodmin. All of which have been well received by the respective Client. Business development has been a key focus for us this quarter. Marketing strategies have been reviewed, existing working relationships cemented, new and existing markets and services explored such as Landfill, Waste and Planning



'Parkwood External Refurbishments'

Consultancy, promotional material updated and client databases refined and utilised. We have also been working hard to nurture sapling partnerships with complimentary environmental consultancies such as; Ethos Recycling, Stansgate Planning LLP, Ramboll Whitbybird and Terence O'Rourke.

Should you require landscape architectural consultancy on any present or forthcoming projects, please do not hesitate to contact Kevin Salmon, Head of Landscape Architecture and Ecology at our Atherstone-on-Stour offices just outside Stratford-Upon-Avon.

Ecology

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As the 2009 Ecological survey season gets underway, it's worth brushing up on some legislation revision. During 2007 significant changes to the Habitat Regulations came about, including the removal of many of the defences, which could previously be relied upon. In particular the defence regarding acts "which are an incidental result of a lawful activity and which could not reasonably be avoided" has been removed. An example scenario would be: A grounds maintenance contract manager



'Habitat Regulations changes: Bats'

has been instructed to carry out remedial pruning on a veteran tree. The tree limbs have evidence of cracks, holes and flaking bark, all of which are indicators of bat habitat. In order to comply with the new regulations an assessment of the tree to host bats must be made by a qualified ecologist. This assessment can be documented and used to demonstrate protected species legislation compliance. Contact our Senior Ecologist, Freddy Brookes at our offices just outside Stratford-Upon-Avon.

Arboriculture

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We have just completed a seven-month project for Birmingham City Council to re-survey some 35,000 trees on education committee land. We had a team of three surveyors working using Birmingham's Tablet pc's and "Confirm" software. Dean Luke, the data manager for the tree section, was very pleased with the whole team



'Professional Tree Risk Management'

and the quality of the work that was delivered. If you would like us to talk to your clients about tree risk management and a cost effective solution to tree hazard assessment then do not hesitate to contact our Head of Arboriculture, Jonathan Hazell at our Atherstone-on-Stour offices just outside Stratford-Upon-Avon.

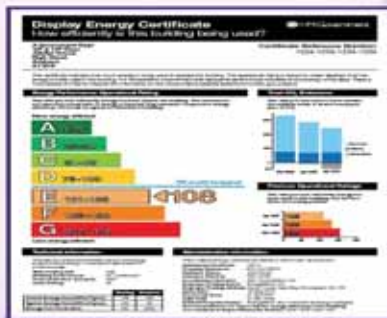


Sustainability

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The Sustainability Team have just completed a DEC commission for the Boroughs of Lewisham and Greenwich. The commission had a focus on school assets with a staggering 132 separate surveys undertaken in total. The Sustainability Team's track record and reputation has helped secure further significant independent DEC survey commissions for 2009 including



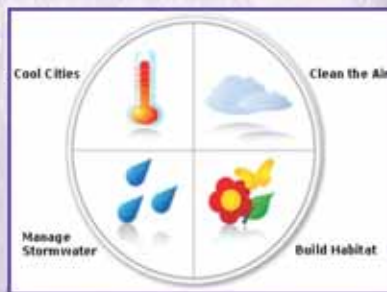
'Typical Display Energy Certificate'

a contract with MGI who are better known as Motorola. Future pipeline projects for the Team include Cherwell District Council's Leisure Centres, TM44 and Level 4 EPC accreditation. For expert sustainability consultation please do not hesitate to contact Ben Burnett, Head of Sustainability at our Atherstone-on-Stour offices just outside Stratford-Upon-Avon.

Green Roofs

In the last few years green roofs have shifted from a horticultural curiosity to an accepted mainstream technology. Green roofs can serve as a creative solution to many issues facing the environment and urban infrastructure. A green roof replaces traditional roofing with a lightweight, living system of soil, compost and plants. It creates a thin, green skin on top of a building that gives a little something back.

Bio-diverse Roofs



'Green Roof Environmental Benefits'

Ecological Roofs

Among the many benefits green roofs offer, are the removal of pollutants from stormwater and a reduction in the amount of water that flows into sewer systems. The plants store excess carbon from the atmosphere, lower radiant heat in the summer and create habitats for local wildlife. Additionally, green roofs provide extra insulation to buildings and last two or three times longer than traditional roofs.

Green Roof Examples



Green Roof Varieties

In its widest sense, a green roof can include any sort of planting on a building, including a traditional roof garden. Essentially though, there are 3 varieties of green roof:
Intensive: High maintenance, replicates a ground level garden. This kind of roof provides new amenity space
Extensive: Low maintenance - low growing plants, often a sedum mat or a wildflower mix.

Bio-diverse: No maintenance - local aggregate colonises naturally. This roof recreates a pre-existing ground ecosystem. A typical commercial green roof consists of:

- Waterproof layer
- Drainage layer
- Filter mat
- Growing medium or substrate
- Vegetation

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