

AJ

# 27.10.05 LANDSCAPE/ IBA

PEI COBB FREED & PARTNERS  
LIBRARY

ISSN 0003-8466



9 770003 846103

THE ARCHITECTS' JOURNAL [WWW.AJPLUS.CO.UK](http://WWW.AJPLUS.CO.UK)

£3.25



CLSA/1000\_CBP

**Facilitate growth** For your organisation to grow handling technical information can be significantly processes. Professional Océ colour systems, for cop and enable them to process more information. So construction firm with local or global operations. For activities contact Océ on 0870 600 5544, email tellmer.



ENQUIRY 30 ON CARD  
[WWW.AJPLUS.CO.UK/AJDIRECT](http://WWW.AJPLUS.CO.UK/AJDIRECT)

THE ARCHITECTS' JOURNAL  
151 Rosebery Avenue,  
London EC1R 4GB

Editorial enquiries  
020 7505 6700  
Editorial fax number  
020 7505 6701  
Email  
firstname.surname@emap.com

**Editor**  
Isabel Allen  
**News editor**  
Ed Dorrell (020 7505 6715)  
**Senior reporter**  
Richard Waite (020 7505 6636)  
**Reporter**  
Rob Sharp (020 7505 6770)  
**Technical and practice editor**  
Austin Williams (020 7505 6711)  
**Working details editor**  
Sue Dawson (015242 21692)  
**Reviews editor**  
Andrew Mead (020 7505 6717)  
**Art editor**  
Sarah Douglas (020 7505 6705)  
**Assistant art editor**  
Eriko Shimazaki (020 7505 6704)  
**Production editor**  
Paul Lindsell (020 7505 6707)  
**Sub-editor**  
Angus Montgomery (020 7505 6708)  
**Editor, AJ Specification / Online**  
Ruth Slavid (020 7505 6703)  
**Managing editor, AJ Specification**  
Cristina Esposito (020 7505 6716)  
**Managing editor online**  
Barrie Evans (020 7505 8609)  
**Editorial administration**  
Angela Newton (020 7505 6700)  
Anna Robertson (020 7505 6700)  
**Marketing manager**  
Jo Roberts (020 7505 6615)  
**Publishing director**  
Jonathan Stock (020 7505 6744)

**Regional sales managers**  
Samuel Lau (020 7505 6746)  
Katie Deer (020 7505 6743)  
**Account manager**  
Nick Roberts (020 7505 8627)  
**Telesales manager**  
Lucy Herdsman (020 7505 6873)  
**Account executives**  
Brad Davies (020 7505 6835)  
Robert Warnock (020 7505 6662)  
Gemma Cook (020 7505 6816)  
**Group sales manager**  
Midge Myatt (01902 851645)  
**Commercial manager**  
Malcolm Perryman (020 7505 6698)  
**Business development manager**  
Toby Redington (020 7505 6634)  
**Recruitment**  
Laurie Shenoda (020 7505 6803)  
Gemma Knight (020 7505 6737)  
**Advertisement production**  
Leanda Holloway (020 7505 6741)

**Subscription**  
Subscription rates: £129 UK,  
£89 UK students, £174 overseas  
To subscribe, call 01858 438 847,  
or use the order form in this issue.

Back issues: 01344 404 407

**emap communications**

The Architects' Journal is registered as a newspaper  
at the Post Office. ©2005. Published by Emap Construct,  
a part of Emap Communications Ltd. Printed in the UK  
by William Gibbons Ltd. Origination and colour  
reproduction by Graphics (Kent), Sidcup, Kent

## THAMES GATEWAY VISIONS FIGHT FOR SURVIVAL AMONG MYRIAD COMMITTEES

By Isabel Allen

Ravaged by industry and years of neglect, there is a passing similarity between London's Thames Gateway area and the post-industrial landscape of East Germany (landscape study, pages 25-37). The former has been singled out as the means of providing badly needed housing, while the latter is being developed as a vast amenity area in a region with a declining population. Both are being reinvented to meet society's current needs.

The German project is characterised by a constant engagement with the natural landscape (compare this to our inability to grapple even with such a self-evident reality as the existence of the River Thames) and a reverential attitude to the relics of the area's previous incarnation as a region of open-cast lignite mines. The inventive reuse of industrial structures and the aesthetic appreciation of slag heaps contrasts with our own blithe assumption that the regeneration of the Thames Gateway is dependent on purging the evidence of its own industrial past.

The many and disparate development projects that make up the German regeneration scheme are united under the guidance of a single enabling body with an overriding vision and clearly defined role. Not that there is an absence of vision for the Thames Gateway area. Terry Farrell has put forward his proposal for 'an intellectual framework for *petits projets*' and Richard Rogers has called for an intensive top-down regeneration strategy along the lines of that implemented by Pasqual Maragall in the years leading up to the Barcelona Olympics. But without endorsement by the ODPM, both visions are fighting for survival among the myriad committees, authorities and statutory bodies which lay claim to the area's development plans.

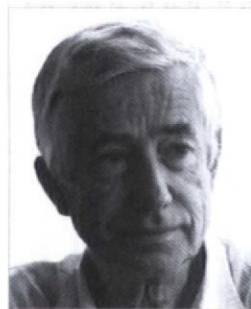
There is room for multiple interests. But the absence of powerful leadership is engendering mediocrity and chaos. Is it so hard to establish a structure that provides a coherent vision but allows individual initiatives to thrive?



### CONTRIBUTORS



Simon Burton, who writes about energy efficiency in Part L on pages 42-44, is an associate director of Faber Maunsell's Sustainable Development Group



Jan Kaplicky, whose work is featured in this week's Sketchbook on page 66, is a founding partner of Future Systems. His book 'Sketches' will be published in November



Edwin Heathcote, who reviews the monograph on Eero Saarinen's career on pages 54-55, is the architecture correspondent for the Financial Times

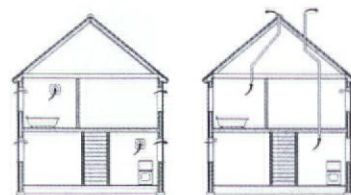
## CONTENTS



### P. 16 VENICE BIENNALE



### P. 25 LANDSCAPE



### P. 47 PART F

#### NEWS

##### 6 – 7

Weekly digest/online news

##### 11

*MacCormac Jamieson Prichard* thrown off BBC Broadcasting House job after design row

##### 12 – 13

Shortlisted practices look to the stars in Kielder competition

#### AGENDA

##### 14

Can architecture get organised? A builders' union has its eye on the profession

##### 16

London will be represented at next year's Venice Architecture Biennale, despite its absence from the British Pavilion

#### LANDSCAPE

##### 25 – 37

The *Internationale Bauausstellung Fürst-Pückler-Land*, the self-styled biggest landscape project in Europe, aims to transform a run-down region of abandoned lignite mines in the Lausitz, eastern Germany

#### TECHNICAL & PRACTICE

##### 39 – 41

*Austin Williams* on Part L

##### 42 – 44

Energy efficiency in Part L

##### 47 – 48

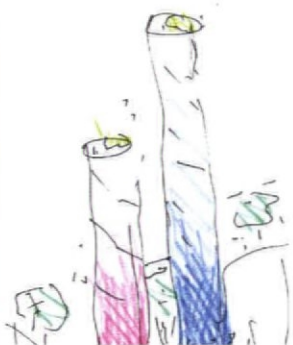
Part F: Ventilation

##### 50

Planning

##### 52

Legal/webwatch



## AJ SUBSCRIBERS GET FREE ACCESS TO ALL ONLINE SERVICES

To activate your  
online subscription,  
go to [www.ajplus.co.uk/activate](http://www.ajplus.co.uk/activate)

This week:

- Would you like to design a cable railway for Mont Blanc or make alterations to a castle in Sweden? See these competitions and more at [www.ajplus.co.uk/awardscomps](http://www.ajplus.co.uk/awardscomps)
- Breaking news
- Competition details
- Events diary
- Latest jobs

## SUBSCRIPTIONS

To subscribe:

- Go to [www.ajplus.co.uk/subsignup](http://www.ajplus.co.uk/subsignup)
- Call 01858 438 847
- Email [aj@subscription.co.uk](mailto:aj@subscription.co.uk)

A £129 subscription (students £89) includes:

- The AJ every Thursday
- AJ Specification magazine every month
- Access to [www.ajplus.co.uk](http://www.ajplus.co.uk) and [www.ajspecification.co.uk](http://www.ajspecification.co.uk)
- Six breaking stories in a daily email alert

## P. 66 JAN KAPLICKY

## P. 53 JOHN PAWSON



## P. 54 EERO SAARINEN

## REVIEWS

53

*Deyan Sudjic on John Pawson, Alison Turnbull's paintings, based on architectural plans*

54 – 55

*A career-spanning look at the work of Eero Saarinen*

55

*Walking through Le Corbusier. Critic's Choice*

## REGULARS

18

*Astragal and Hellman*

19

*Opinion: Holly Porter*

20

*Letters*

66

*Sketchbook: Jan Kaplicky*

## JOBS & CLASSIFIED

56

*The latest vacancies*

62

*Classified advertising*



#### GRADE II-LISTED SOUTHSIDE HALL KNOCKED DOWN

Demolition work has started on the Southside hall of residence in London, ending any hope that the Grade II-listed block could be saved. The 1963 student flats at Imperial College have been at the centre of an ongoing battle between Westminster City Council and the Twentieth Century Society, which wanted to preserve Sheppard Robson's original building.

#### FARRELLS THINKS AGAIN OVER TOWER

Farrells has been forced to amend designs for a tower intended to rehouse Rupert Murdoch's UK newspaper operation, after objections to its impact on the Tower of London. Despite both English Heritage and Historic Royal Palaces objecting to the Wapping scheme, Farrells insists the project will go to planning committee next month.

#### DIAZ OFFERS HER OPINIONS

Film siren Cameron Diaz has become the latest Hollywood star to try their hand at architecture. Students at Stanford University, California, were given the surprise of their lives when the superstar interrupted a William McDonough class on sustainable building projects to lecture them on environmentally friendly design.

#### MAN GETS LIFE TERM FOR MURDERING ARCHITECT

The killer of London architect Bernard Hegarty, who was stabbed during his lunch hour, has been sentenced to life in prison. Drug addict Christopher Olokun, 32, murdered the 29 year old during a botched robbery in Bethnal Green, east London, in August last year. Hegarty, who worked for Stephen Davy Peter Smith Architects, was knifed in the heart as he tried to stop Olokun from taking his wallet and mobile phone.

#### CHARTERED SCHEME LAUNCHED

The RIBA has launched its highly contentious Chartered Practice scheme. The initiative, for a 'client-focused accreditation scheme' for practices, has already come under fire from many radical small practitioners.



#### MULTIPLEX IN UK

The Royal Borough of Kensington and Chelsea has given Woods Bagot the green light for this landmark residential scheme on London's Cromwell Road. The 34,000m<sup>2</sup> scheme will be the first UK venture for Multiplex Living, the residential development division of Multiplex Group.

#### TRUSTS START REBUILD AFTER HURRICANE KATRINA

The World Monuments Fund and the National Trust for Historic Preservation have announced that they are to combine forces to form a partnership to back the sensitive reconstruction of the Gulf Coast and New Orleans following the destruction caused by Hurricane Katrina. The announcement was accompanied by a bursary of \$200,000 (£112,000) to assess the damage.



#### WEMBLEY PLANS SET UP

PRP Architects has submitted a planning application for this 'first element' of Richard Rogers' pivotal masterplan for the immediate area surrounding Wembley Stadium. PRP has worked up plans for 286 homes as part of the £1.7 billion ongoing renaissance of the 28ha area in north-west London.

#### PHILLIPS SEEKS BUYER

One of the South West's most successful firms has secretly launched a bid to find a practice that will either buy the business or merge with the office. It is understood that Bristol-based Niall Phillips Architects is determined to find a practice that will be able to provide a cash injection to fund rapid growth.

#### GOVERNMENT HELD TO ACCOUNT OVER DIANA FOUNTAIN

MPs are to quiz government mandarins about the debacle surrounding Gustafson Porter's hugely contentious Diana Memorial Fountain. The Public Accounts Committee has decided to investigate the fiasco regarding the monument, which was closed to the public for long periods earlier this year due to a series of problems.

#### UNION OPENS ITS ARMS

Britain's largest construction trade union has announced that it is to extend its membership to architects. The move by the influential Union of Construction, Allied Trades and Technicians (UCATT) will address the lack of representation among those working in the architectural profession (see page 14).

#### MCASLAN TO RENOVATE MOUNT PLEASANT

Royal Mail has appointed John McAslan + Partners to work up plans for its historic sorting-office site at Mount Pleasant in north London. The architect has been given the green light to design proposals for a 55,000m<sup>2</sup> mixed-use scheme. Parts of the site could be sold off to finance the overhaul.

#### WARNING OVER SIGHT-LINES

Royal Parks adviser Hal Moggridge has warned against the 'insidious' effects of current draft planning guidance, that he claims will affect key views across the capital if adopted. The news comes in the wake of the Historic Royal Palaces lodging an objection to KPF's Heron Tower on the grounds of its impact on the Tower of London.

#### BREAKING NEWS DAILY AT [WWW.AJPLUS.CO.UK](http://WWW.AJPLUS.CO.UK)

As a subscriber, you can see all these stories and more in full at [www.ajplus.co.uk](http://www.ajplus.co.uk). You can also register to receive a daily email news alert. Only subscribers get access to the full website - so make sure you activate your online access today. Your subscription is not complete without it. To activate your online subscription, go to [www.ajplus.co.uk/activate](http://www.ajplus.co.uk/activate). If you do not have your login details, please call 020 7505 8623

#### REID WINS OUT IN BIRMINGHAM

REID Architecture has won a competition to design a new office headquarters building in Birmingham. The 1,560m<sup>2</sup> development for Calthorpe Estates will create two storeys of office space overlooking a central courtyard. The scheme in Edgbaston has been designed as a 'floating box' to both 'enhance the company's public profile' and preserve its privacy.





**looks like you can't afford it.**



**thrislington cubicles**

**Product:** icon

**Contact:** t +44 (0)1244 520 677

w [www.thrislingtoncubicles.com](http://www.thrislingtoncubicles.com)

**Scale:** nts

e [info@thrislingtoncubicles.com](mailto:info@thrislingtoncubicles.com)

The clean lines, the thoughtful details, the strength, the durability. It all adds up to a cubicle that looks way over budget. Look again. This is **icon** from Thrislington. Designed for you to put quality cubicles into all types of building, putting paid to the idea that you can't afford Thrislington.



Engineered aluminium lock with easily operated pivot action for use by the young and disabled.



Aluminium foot and door pivot with adjustable fall open or close mechanism.



The deep aluminium sections provide added strength.

**ENQUIRY 13 ON CARD**  
**[WWW.AJPLUS.CO.UK/AJDIRECT](http://WWW.AJPLUS.CO.UK/AJDIRECT)**

# Refurbishment

NBS

Renovations, alterations, extensions.  
Specifying is easier with NBS Scheduler.

For those projects where notes on the drawing aren't enough, yet an NBS specification seems too much, a schedule of work can be the optimum document. But who has time to write it?

To enable the speedy production of schedules of work that can be organized in any project specific manner, NBS Scheduler offers a drag-and-drop library of information for alterations, refurbishment and simple new build projects. It's easy to use, contains a wealth of searchable NBS guidance and manufacturers' information and whilst the schedule of works is being created,

the software automatically generates a reference specification. A trade report which facilitates sub contracting is also available.

NBS Scheduler is a regularly updated subscription service and is independent of other NBS products. If your work is about alterations, refurbishments, extensions and simple new build projects, this is the ideal specification product for you.

Contact us for more information on NBS Scheduler or visit our website to run an online demo and see the range of quality control and time saving benefits available.



NBS Customer Centre  
T 0845 456 9594  
[www.theNBS.com](http://www.theNBS.com)

ENQUIRY 14 ON CARD  
[WWW.AJPLUS.CO.UK/AJDIRECT](http://WWW.AJPLUS.CO.UK/AJDIRECT)



## ‘FRUSTRATED’ MJP LEAVES BBC

By Ed Dorrell

MacCormac Jamieson Prichard (MJP) has sensationally left the BBC Broadcasting House project amid reports of a bust-up over design.

The London-based practice will not be working on the scheme's high-profile second phase, the new-build element, following the recent completion of phase one, the renovation of the existing building.

Contractor Bovis Lend Lease and developer Land Securities – in a private-public partnership with the BBC – have cited ‘creative differences’ as the reason for the split.

But the AJ has learnt that Richard MacCormac had become increasingly frustrated by a series of value-engineering exercises on his competition-winning designs.

The architect had a number of arguments with

Bovis – to which he was novated – over losing elements of his scheme, including the huge subterranean news room and an innovative use of breakout spaces in the offices.

However, the most recent row was over plans for a vast glass wall, which was proposed as a visual link for the new and old elements of the scheme.

Artist Antoni Malinowski, who worked with MacCormac on the scheme, told the AJ that relations between client and architect were increasingly fraught in recent months.

‘Richard was insisting on certain basic design elements that were at the core of the project – such as the blue glass wall – that the client was trying to undermine,’ he said. ‘They said they could not afford it.’

‘Richard was sticking to his guns. He was saying that there

had already been many other changes on the scheme.

‘He told them that they should not change it otherwise there would be nothing of his scheme left,’ Malinowski added.

And another source extremely close to MJP confirmed that the client-architect relationship had indeed gone sour.

‘The split itself has come as a complete surprise,’ the source told the AJ. ‘There is no way Richard would have wanted it to end like this.’

‘But it can be extremely upsetting when contractors insist on more cost-saving measures when there have already been a number of significant value-engineering exercises undertaken.’

These developments – which Eric Parry has described as ‘a sorrow’ – will further

heavily undermine the BBC's credentials as a client, after it also made serious cost savings on David Chipperfield's BBC Scotland building in Glasgow.

In 2002, the corporation's operations chief, John Smith, won a series of awards, including one from the AJ, for his work as a construction client.

The official statement from Bovis Lend Lease and Land Securities gives few formal reasons for the split.

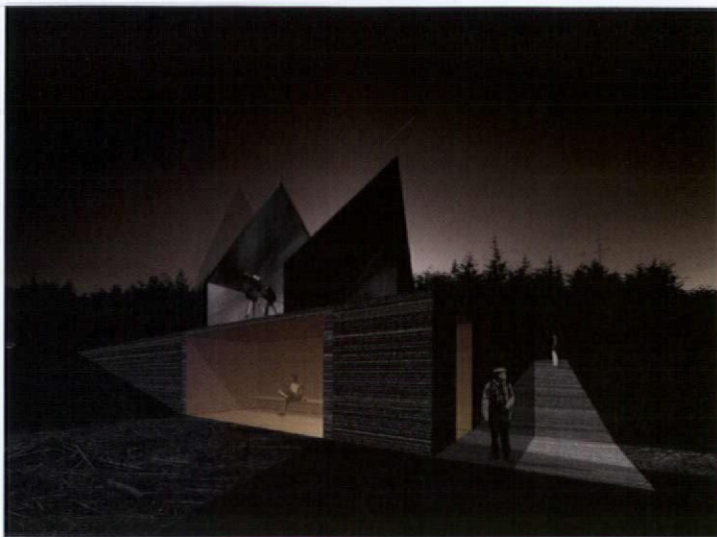
‘All parties wish to make it clear that [the split] is in no way a reflection of their opinion of the professional capabilities of MacCormac Jamieson Prichard, whom they continue to view with the highest regard,’ it says.

It is understood that a new architect for phase two will be appointed imminently.

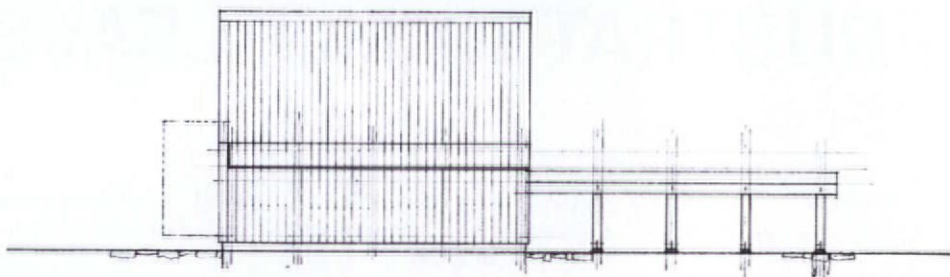
## SIX HAVE STARS IN THEIR EYES

These are the six finalists in the competition to design the new Kielder Observatory in Northumberland. The contest has been the most popular RIBA-run competition in recent years – attracting nearly 230 entries from 19 different countries. With a budget of just £125,000, the submitted schemes had to include at least two telescope housings, a warm room for electrical equipment and an external space for amateur stargazers. 'The entries ranged from those who saw cosmic significance in the organisation of the site to those who viewed the project as a hi-tech, futuristic fantasy capturing the quality of space travel,' said competition judge Sarah Wigglesworth. Among those in the running for the £5,000 first prize is the same young team that recently won the Coney Island Parachute Jump project in New York (AJ 16.06.05) – Kevin Carmody, Andrew Groarke and Chris Hardie. The six shortlisted teams will now go through an interview process and the winner will be announced in early December.

*By Richard Waite*



1.



2.



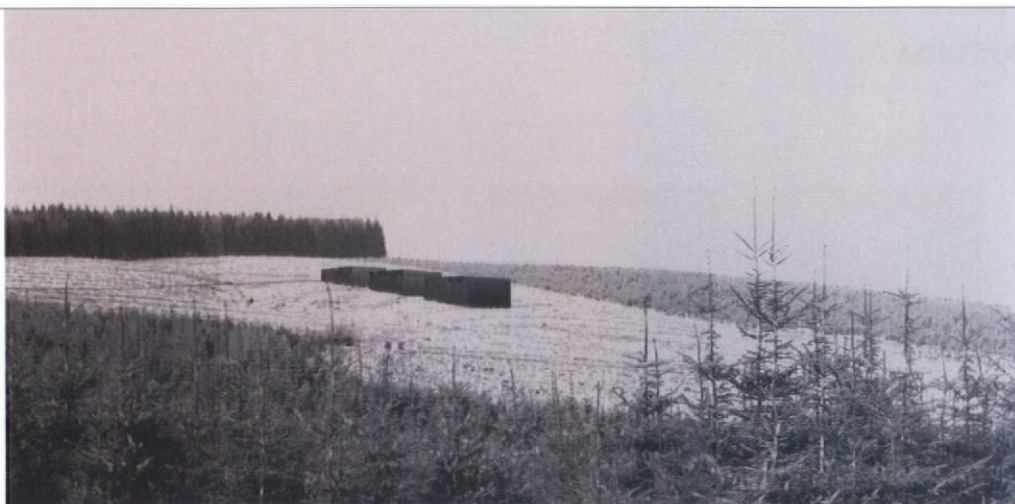
3.

1. A proposal drawn up by London-based trio Kevin Carmody, Andy Groarke and Chris Hardie

2. The entry from Northumbrian-born John Lonsdale and colleague Charlotte Vermanning, who are based in Amsterdam

3. A scheme designed by a Turkish-American team comprising Gokce Kinayoglu, his wife Ipek Tureli and his brother Gokhan

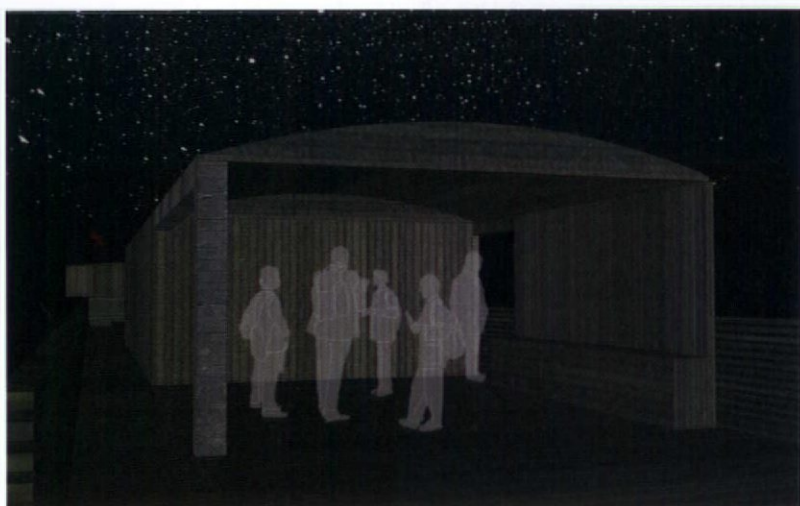
4.



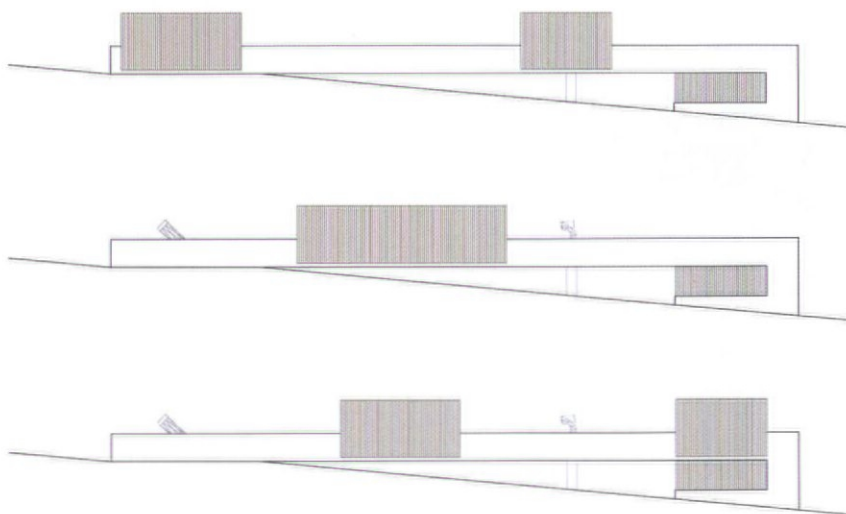
4. A design by Glasgow's ZM Architecture - a new practice formed by the merger of ZOO Architects with McGurn Architects

5. The entry from Charles Barclay Architects, which worked on the project with an astronomer - also called Charles Barclay

6. A scheme by Katy Marks, Ryoko Kawaguchi, Rosanna Guy Greaves, Richard Cochrane and Ingrid Chauvet, under the name Plumbum



5.



6.



REUTERS/JEAN-PAUL PELISSIER

# A PROFESSION'S FUTURE IN UNION?

By Ed Dorrell

Imagine the scene 10 years from now. The world of architecture has been transformed. The wealth and influence in the commercial sector has been transferred from the major practice directors to the foot soldiers: the CAD monkeys, the year-out students.

The underpaid masses of architecture have taken over the asylum. But now they're not short of cash. Now they don't sit in cramped banks behind RSI-inducing computers. Now they are free to approach any architect in the office as and when they like. Watch out, oh ennobled architects. The peasants have revolted!

This almost inconceivable world is not the product of some young architect's over-worked imagination. There is a trade unionist who believes that organised labour could

go some way to substantially improving the lot of many in the architectural *melée*.

And that trade unionist works for UCATT. What, UCATT? The builders' union? Yes, the very same. While the other trade unions turn themselves into unwieldy megaliths representing unrelated skills and trades, UCATT boss Alan Ritchie has spotted an opportunity to stay within the sector he knows, while also moving white collar.

'We're a construction union, so we've got to look at the whole industry,' he said. 'Anywhere that is not organised, we are interested in getting involved.'

To a casual observer, Ritchie's aim of unionising architecture may seem daft. But long-term architecture-watchers seem more convinced

by the idea that the profession could soon become unionised.

REID Architecture's director of research Paul Warner, for one, believes that it makes a lot of sense. 'This dates back to when Thatcher got rid of the mandatory fee scale for architects,' he told the AJ. 'Fees have halved and salaries have stagnated since then. It does push towards the sense that architects are being exploited.'

'I'm not sure people are quite ready for this, but some of the salaries are so minimal that it does not seem a stupid idea. I could see a unionised workforce in 10 years time.'

And this relaxed attitude is echoed by RIBA president Jack Pringle, himself a significant employer with his practice Pringle Brandon. 'Some 80 per cent of the profession works for practices with less than 10

employees, so I'm not sure it will be for them. But you can imagine it working for some architects,' he said.

'But if it did take off, then we would have a meeting with the union's representatives – not people that we have met before – and I think that would be really very interesting.'

So it would seem that architecture's biggest employers don't feel too uncomfortable with the idea. Could Ritchie be on to something?

The last word should go to architecture's veteran maverick Chris Roche, one of the few long-term advocates of an architects' union. He said: 'If architects want to be taken seriously by the government they need to demonstrate connections with unions. I'll happily be president.'

You heard it here first.

# EVEN THE BUDGET WON'T SHOW A DENT.



Bobrick has been producing the world's toughest and finest washroom accessories since 1906, setting the industry standard for design and quality of construction.

Bobrick accessories have stood the test of time in the washrooms of every category of public building and amenity: schools, hospitals, hotels, offices, stations, stadia, prisons, shopping centres and airport terminals, as well as countless others.

Hinges don't drop. Lock tumblers don't jam. Everything, in fact, is just exactly as you want it. Even with years of use there will be no dents, no broken locks and no slipped hinges. Little wonder that Bobrick is widely used for PFI projects.

When you specify Bobrick washroom equipment, you can rest assured you've chosen not

just the toughest and most resilient washroom equipment, but also the most stylish there is.

In fact, the only surprise you will find with Bobrick equipment is its value for money.

With prices across the ranges significantly lower than you would expect, it's fair to say that not even your budget will show a dent.



**ANYTHING LESS COSTS MORE.**

FOR FURTHER INFORMATION CALL  
OUR FREEPHONE NO: 0800 214568  
OR FREEFAX ON: 0800 7830493  
EMAIL: UKSALES@BOBRICK.COM

©2004 BOBRICK WASHROOM EQUIPMENT LTD.



ENQUIRY 15 ON CARD  
WWW.AJPLUS.CO.UK/AJDIRECT



# LONDON WILL FEATURE IN VENICE

By Richard Waite

People are already getting their knickers in a twist about next year's Venice Architectural Biennale. The brouhaha centres on claims that London practices are being banned from the event.

Irate commentators are demanding to know why our beloved capital won't be waving the British flag at this international showcase.

The short answer is: it will be. It just won't be in the British Pavilion this time.

The decision by the British Council not to include London among the featured cities in its own show was undeniably a brave move – especially when the biennale's wider theme focuses on meta-cities.

The pavilion will look in depth at the British regions, a move orchestrated by the council's competition jury,

which included Deyan Sudjic and Foreign Office Architects' Farshid Moussavi.

However, that doesn't mean London won't feature at all – a point missed by some critics and, it seems, by the capital's mayor, Ken Livingstone.

Armed with only half the facts, Ken threatened to 'reciprocate' this lack of support and pull the British Council's £182 million grant 'paid for by London taxpayers'.

Unfortunately for him, the mayor doesn't have this power, because the council receives its money from the Foreign Office.

With some understatement, a British Council spokesman branded his response 'snipey'.

So what is the truth? According to Ricky Burdett, the biennale's director, London will not be left in the shadows. Far from it.

He said: 'The issue is very straightforward. One element of the biennale is the international exhibition. It is a very large exhibition in the Arsenale (pictured) – and London will feature very significantly there.'

'There will probably be more on London in the international exhibition than could have been done in the British Pavilion.'

Burdett, a leading urbanism authority at the London School of Economics, knows architects will have strong opinions about the British Council's exhibition.

He said: 'There is a point to be made about what will be in the British Pavilion but there is a bigger picture.'

'There are equally interesting processes in cities like Leeds and Edinburgh – and that's where the majority of people live.'

He added: 'What is interesting is the debate this has raised. It really cuts to the core of architects' relationships with these cities.'

No doubt the bickering will continue but it could be overshadowing one problem that has not been addressed.

Earlier this month, it was announced in Italy that the government would be making widespread cuts to its culture and arts budget.

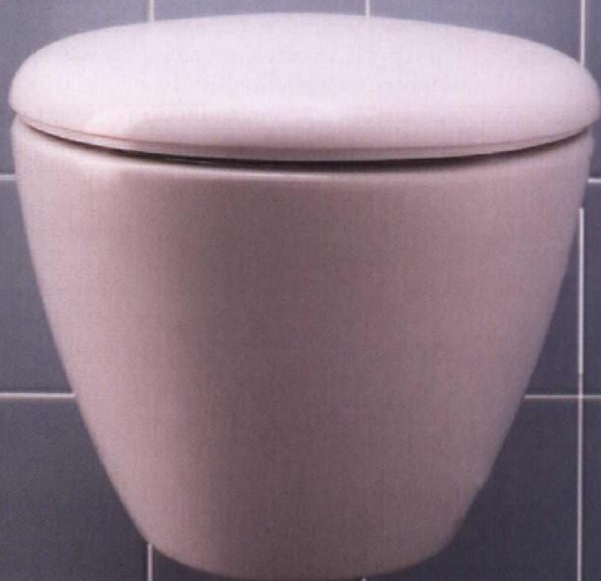
A spokesman for the Italian Culture Ministry acknowledged that if the spending proposals do get parliamentary backing in December it would be 'difficult for the biennale to sustain all its activities'.

Let's hope they don't, if only to see whether the British Pavilion representatives succeed without their normally dominant cousins from London.

The Swiss have  
always preferred to  
keep things out  
of sight.



**GEBERIT**



This natural Swiss desire for clean and clutter-free design has been the inspiration behind Duofix, Geberit's support system for wall-hung sanitaryware.

The Geberit Duofix installation system includes concealed frames for wall-hung WC pans, washbasins and urinals. WC frames include an integral cistern with maintenance access to all moving parts through the vandal-resistant flush plate.

The touchless, infra-red sensor guarantees a flush every time the toilet is used, keeping it hygienic and serviceable.

Duofix offers designers a Swiss alternative to more traditional approaches. Washrooms that are not only easy on the eye but easier to clean and more efficient, both ecologically and acoustically.

For more information, contact us at:  
Tel: 01622 717811 or visit  
[www.geberit.co.uk](http://www.geberit.co.uk)

 **GEBERIT**

ENQUIRY 16 ON CARD  
[WWW.AJPLUS.CO.UK/AJDIRECT](http://WWW.AJPLUS.CO.UK/AJDIRECT)

*'Mr Gehry is largely the progenitor of the architectural stunt – all sound and fury with little real function'*

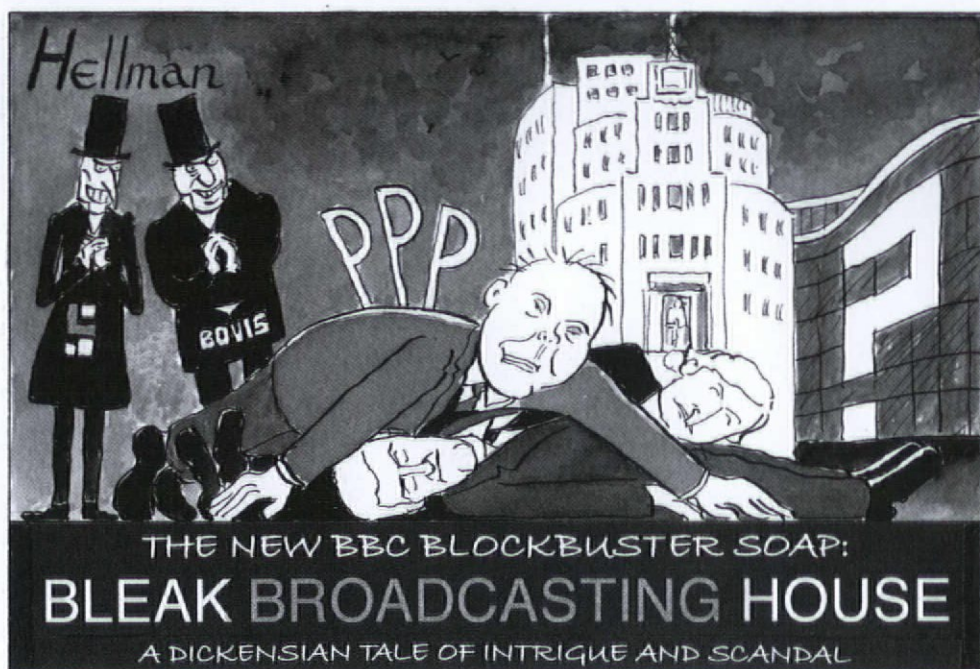
James Gardner. *New York Sun*, 18.10.05

*'People in Switzerland and Spain think we're one of the big offices in London. They're shocked when they discover we're not'*

Adam Caruso of Caruso St John. *New Statesman*, 24.10.05

*'If he were a military man, his decorations would trip him up as he walked'*

Jonathan Glancey on Norman Foster. *Guardian*, 24.10.05



#### REM GETS IN A STEW

There was a big shock at last week's evening lecture at the RIBA, given by **Farshid Moussavi** and **Alejandro Zaera Polo** of **Foreign Office Architects**, as the pair were greeted with the cutting words of their one-time boss **Rem Koolhaas**. Rem was invited on stage to help chairman **Charles Jencks** dissect FOA's breathless tour of their work to date. Projects discussed included the Spanish Pavilion at Expo 2005. Moussavi and Zaera Polo's description of the structure as resembling a Spanish 'paella' invited ridicule from Koolhaas, who described it as 'vulgar'. This was until Jencks pointed out that many of Rem's buildings had been called 'vulgar' too. 'I think Rem should put the paella back in the box now,' Jencks said.

#### THE RAIN IN BAHRAIN

The **British Council** opened its arms to all those who have worked on its building projects with a cocktail party at its headquarters last Wednesday. Architects from **Squire and Partners**, **Allies and Morrison** and **Gaunt Francis** – which designed the council's new offices in Cairo – all braved the torrential rain to take time out for a tippie or two. Ironically, Astragal would have thought water was the last thing on the mind of **Dive Architects**, which is working on a scheme in Bahrain. However, the project has run into an unexpected hurdle – Green Belt land. Those NIMBYs get everywhere.

#### MOBILE RECEPTION

Fun and games at Guerilla Tactics, the small practice conference at the RIBA, where

there was a divide between professionalism and idealism. Small practitioner **Peter Barber** said: 'Design flies out the window when the bank manager walks in the door'. He was reprimanded by chairman **Jack Pringle**, who said: 'We don't use language like "unpaid work" here.' The climax was what Pringle described as: 'Architecture's answer to *The Weakest Link*', which saw **Sheppard Robson**, **PCKO** and **Buckley Gray Yeoman** pitch designs for a £60k house to would-be investors, including **Roger Zogolovitch** and **Ben van Bruggen**. **Matt Yeoman** won with his Modernist mobile home and was cheered for his observation that caravan parks offer an opportunity to replace crap with something better – 'and you don't have to talk to the planners'.



## CHICKS WITH BRICKS IS NOT ABOUT ALTRUISM OR POLITICAL IDEALS. IT'S ABOUT ECONOMICS, PURE AND SIMPLE

Well-behaved women rarely make history. The Suffragettes, Mae West, Frida Kahlo, Margaret Thatcher: whether or not we agree with their politics, beliefs or lifestyle choices, these are women who have taken life by the balls and haven't been afraid to defy social and political convention to succeed.

So where are the women making history in the construction industry? As a young female architect I've been surrounded by women my own age in the profession but finding role models at a more senior level has proved difficult. Two years ago, it made me ask whether they existed at all and, if so, why was their success not visible? So I decided to create 'Chicks with Bricks'; an event space to seek out these women, not just within architecture but within the wider industry of construction – architects, developers, clients, engineers, contractors and policy makers – and allow them to meet, debate and celebrate their success.

Following the first dinner in March, 'Chicks with Bricks' has snowballed into a pan-industry network and last week our event brought together an incredible group of 260 women at London's best room with a view – the top of the Gherkin. The attendees – peers, role

models and friends, from young entrepreneurs to senior partners – were sharp, sassy and successful women, making their mark on the built environment by commissioning it, designing it, building it and, most of all, enjoying it. Outside was a city in transformation and inside were the women who were creating that change through their own strength of mind, talent and ability. From the private sector came Sara Fox, former new buildings director for Swiss Re, the Gherkin's client, and from the public sector was Sarah Ebanja, who heads the £700 million Arsenal Development Scheme.

There are many women's groups in the industry but 'Chicks with Bricks' is different for one reason: it is not about promoting gender equality in the industry as an altruistic or political ideal. It's about economics, pure and simple.

Women are an increasingly powerful force in the economy and the construction industry. In this generation, we have seen women in government heading the DTI, the DfES, the Department of Health, DEFRA, English Partnerships and winning us the Olympics. In the private sector, female-owned companies contribute £75 billion to the economy

a year and 69 per cent of FTSE 100 companies have a woman on the board. Women are increasingly numerous on planning committees. Practices engaged in education, cultural or residential work will probably already have pitched to mixed-gender selection boards and be dealing with female clients.

Five years from now, the firms at the top of the game will be those who have recognised this change. They will be those who can engage with female clients and decision-makers, who recruit from the entire talent pool, who can tap into the intellectual resource of intelligent, successful women and who can retain key staff of both genders by providing career development, a healthy work environment and work-life balance for all.

'Chicks with Bricks' is about opening up a debate. Our aspiration is to find an inclusive vision for the industry, focusing on collaboration between all sectors of the built environment and accepting absolutely nothing less than the very highest standards of design. Visit: [www.chickswithbricks.com](http://www.chickswithbricks.com)

*Holly Porter works for Kohn Pedersen Fox in London. Email: [ajcolumnists@emap.com](mailto:ajcolumnists@emap.com)*

## UNFINISHED BUSINESS AT DE LA WARR PAVILION

So Bexhill-on-Sea's De La Warr Pavilion reopens to the public (ajplus 11.10.05). But eight million quid for the renovation? You're 'avin' a laugh! I visited the pavilion on Sunday 16 October, the day after the official opening. It's always been one of my favourite buildings since I stayed in Bexhill for three days as a student of architecture in 1957. The purpose of that visit was to measure the main entrance and spiral staircase as part of a drawing exercise – later to be set out on a nice piece of hot-pressed Whatman with green and sepia ink dispensed from a Graphos pen. On leaving the building with my fellow student, Chui Ng, the manager handed me a roll of drawings. These were dyelines of the original services drawings for the whole pavilion! They could have saved us hours...

Anyway, I digress. I was writing to express my surprise and horror at the state of the 'finished' building. I'm sure most of us have experienced the struggle to get a contract ready for handover but at Bexhill we saw evidence of slapdash, slovenly efforts to complete the work. The first thing one saw on approaching from the patchy car park was the unpainted backs of the staircase heating pipes through the glass. Suddenly snagging mode kicked in, setting the tone for the whole tour. I'm sure many of your readers could add to the huge list of unfinished and badly executed items. I'd love to hear the reasons for this debacle. Even the new toilets packed up during our visit.

Nevertheless, I thought that overall the building looked magnificent in the sparkling October sun and I dearly hope that the work can be properly finished by a company skilled in restoration work.

*Phil Blower, Southend-on-Sea*

## THE RIBA IS RIGHT BEHIND HARD-UP STUDENTS

As the RIBA's vice-president for education and advisor to the Architectural Education Trust (AET), I suggest that your article 'A Study In Hardship' (AJ 06.10.05) was inaccurate. The article states that the RIBA's education fund has run dry and suggests

that the RIBA is not doing enough to raise money for it – this is simply not true.

For the past two years, the fund has supported some 70 students. Last year we secured £32,500 from British Plaster Board and recently we received £10,000 from the Garfield Weston Foundation. The 2006 chartered membership renewal form offers an opportunity for members to donate to our hardship fund.

The RIBA has a good working relationship with the AET, currently administering their award. If any individuals, companies, foundations or charities wish to work with the RIBA education department to establish similar programmes, we would welcome an approach from them – it's tough out there!

*Simon Allford, via email*

## FOSTER APPRAISAL NEEDS MORE CAREFUL STUDY

In your recent crit (AJ 25.08.05) Capita Percy Thomas was chastised for producing a design for a city academy that it was felt did not represent an appropriate response to the site.

Yet in last week's issue (AJ 20.10.05) you featured another city academy by Foster and Partners that appears to bear no relationship with its environment whatsoever. (Although it does bear an uncanny resemblance to a road-kill koala bear.)

But, of course, there's one rule for the superstars and one for everybody else.

*Shona Walker, Croydon*

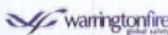
## CORRECTION

The Hub in Canning Town, featured in last week's BCI Awards supplement, was a collaboration between Arup and Eger Architects. Arup provided building services systems and building physics studies as well as structural design.

*Please address letters to: The Editor, The Architects' Journal, 151 Rosebery Avenue, London EC1R 4GB, fax 020 7505 6701, or email angela.newton@emap.com to arrive by 10am on the Monday before publication. The Architects' Journal reserves the right to edit letters submitted.*



concealed, frameless...  
the way sliding doors should be



Eclipse tested at warringtonfire (test no. WF148395) FD 30 rating

The Eclipse space saving range available through Em-B Solutions Ltd



T: 0113 245 9559  
eclipse@em-b.co.uk  
www.em-b.co.uk

ENQUIRY 20 ON CARD  
WWW.AJPLUS.CO.UK/AJDIRECT

# Sarnafil



## Roofing and Part L? We wrote the book

***You know what Part L is,  
but how do you specify a  
roof that can exceed  
expectation?***

At Sarnafil Ltd, we, and many of our branded product partners, have been actively developing and have launched products to help you achieve compliance with the current Part L of our Building Regulations and the impending changes.

In order to help you to achieve Part L (and J) compliance we have written

the only book you will need to help you specify a membrane roof, complete with insulation, fasteners and a watertight guarantee.

### **Design a record breaker**

The South Gyle Crescent office development in Edinburgh has recorded one of Building Science's best ever air pressure test results.

The Oxfordshire-based testing house's 'whole building pressurisation test' achieved a reading of  $2.16\text{m}^3/\text{h}/\text{m}^2$  at a rate of

50Pa compared to the Part L target of  $10\text{m}^3/\text{h}/\text{m}^2$ .

This exceptional reading is due to the combined efforts of Sarnafil, Miller Roofing and Michael Laird Architects in producing an outstanding roof design and installation.



### **Sarnafil – World Class Roofing and Waterproofing**

#### **Sarnafil Ltd.**

Robberds Way, Bowthorpe  
Norwich NR5 9JF  
Tel: 01603 748985  
Fax: 01603 743054  
e-mail: [roofing@sarnafil.co.uk](mailto:roofing@sarnafil.co.uk)  
[www.sarnafil.co.uk](http://www.sarnafil.co.uk)

ENQUIRY 29 ON CARD  
[WWW.AJPLUS.CO.UK/AJDIRECT](http://WWW.AJPLUS.CO.UK/AJDIRECT)



# The best of both worlds

Kingspan

Thermatile

A genuine ceramic tile hanging system with all the performance benefits of Kingspan Insulated Panel technology built-in

## Visual Flexibility

Kingspan, the market leader in Insulated Roof, Wall and Facade Panel Systems is advancing facade technology by introducing a unique system that offers designers all the benefits of constructing with insulated panels, but also offers increased visual flexibility with the use of ceramic tiles in a tile hanging type application.

**FIREsafe** Insulation Built-in



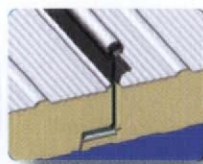
Optimo  
Wall & Facade Systems



Architectural/Designer  
Wall & Facade Systems



Tile Support  
Roof System



Kingzip Standing  
Seam Roof System



ENQUIRY 17 ON CARD  
[WWW.AJPLUS.CO.UK/AJDIRECT](http://WWW.AJPLUS.CO.UK/AJDIRECT)



Insulated Panels

Telephone: +44 (0) 1352 716100

Fax: +44 (0) 1352 710161

Email: [info@kingspanpanels.com](mailto:info@kingspanpanels.com)

[www.kingspanpanels.com](http://www.kingspanpanels.com)



# POWERBALL® Shoplight HCl® – showing its true colours.



Our new POWERBALL® Shoplight HCl® with its new colour temperature and improved red rendering index, sets the standard for natural colour lighting and ensures your displays are seen in their true colours. Combined with POWERTRONIC® control gear, the POWERBALL® Shoplight HCl® will produce the perfect natural lighting solution in any room interior. For more information email: [csc@osram.co.uk](mailto:csc@osram.co.uk) or call us on 01744 812221 quoting ref. aj5431.

[www.Visit4more.info/aj5431](http://www.Visit4more.info/aj5431)

member of  
**voltimum**  
.co.uk

SEE THE WORLD IN A NEW LIGHT

**OSRAM**



ENQUIRY 23 ON CARD  
[WWW.AJPLUS.CO.UK/AJDIRECT](http://WWW.AJPLUS.CO.UK/AJDIRECT)

# LANDSCAPE/ IBA



## ONE OPTION WAS TO DO NOTHING – TO LEAVE THE LANDSCAPE TO ITS OWN DEVICES AS A WILDERNESS

*By Andrew Mead*

With little publicity here so far, what's billed as 'the biggest landscape project in Europe' is well under way in the former East Germany. This year marks the mid-point of the 10-year Internationale Bauausstellung Fürst-Pückler-Land (IBA), with projects at 24 sites in the Lausitz – a 100 x 50km region of open-cast lignite mines roughly halfway between Berlin and Dresden.

The lignite (low-grade coal) from these pits was the prime fuel source for the German Democratic Republic, but with changed priorities in energy supply after reunification, the majority of them closed abruptly; there was no gradual wind-down with time to create new jobs.

Some 25 per cent of the population has since left the area, while current unemployment is also about 25 per cent. So the IBA aims to give the region a new economic stability while dealing with the aftermath of the mining, in what must be one of the most extreme post-industrial landscapes in Europe today.

Certain images from the last IBA, staged in the Ruhrgebiet in the 1990s, have gone around the world. Open any landscape book published in the past few years and you will find the variegated park that Latz + Partner weaved around a huge redundant steelworks at Duisburg Nord; it has become a model project. With the emphasis of the Lausitz IBA primarily on landscape (the shrinking population makes building secondary), what will the equivalent images be? What models will it create? This one-time mining region could be a source of genuinely new landscapes, not replicas of the past, but will that happen?

The IBA is a fixed-term limited company that doesn't execute schemes itself but is an enabler<sup>1</sup>. It offers ideas, creates networks, and knows about potential finance (for which the EU is a major source). Its director, Dr Rolf Kuhn (a former director of the Bauhaus Dessau), saw three options for Lausitz. One was an extension of the remedial work already being undertaken by the government-funded Lausitz and Central German Mining Administration (LMBV), with the biggest coal pits turned into lakes, waste heaps revegetated and remaining industrial structures demolished. The results might be pleasant enough, but probably bland and monotonous, with the region's recent history erased and its landscape potential unrealised.

The second option, that Kuhn says he was 'fascinated by', was to do nothing – to leave the landscape to its own devices as a wilderness. But tempting though this sounds, it wasn't feasible, because of the danger of subsidence as water in the pits gradually rose (as it would) and the likelihood that this water would come from the River Spree to the detriment of areas further north. One ecology would prosper at the expense of another; nature would not simply heal itself.

So, on the premise that the new Lausitz is a human construct like the one it supplants, the IBA has taken a middle line. It seeks 'sustainable development' (of course); it stresses tourism and recreation, with many pits becoming lakes; it aims to cultivate new forms of energy (biomass). But it wants the region's special topography and history still to count.



1.



2.

1. When left to themselves, the old coal pits in the Lausitz slowly fill with water
2. Latz + Partner's park at the Duisburg Nord steelworks was probably the most influential project in Germany's last IBA, held in the Ruhrgebiet



3.

3. These clustered towers at Lauchhammer are all that remains of a huge coking plant  
 4. Hans Peter Kuhn's light installation on the F60



4.

Before the IBA was set up, many of the Lausitz's industrial remains were pulled down. For instance, at one IBA site, Lauchhammer, there are now six clusters of tall brick towers, which look much like a castle shorn of its perimeter wall. In isolation they are impressive, if enigmatic – a photograph comes to the rescue, showing the vast coking plant of which they were a minor part. With that context gone, they're as much giant sculptures as 'industrial heritage'. The IBA sees their dual potential: a destination in their own right and a backdrop to outdoor events. One prospective image shows them lit at night with rows of theatre seats between them: adaptive reuse or history as decor?

Another building to survive is the nearby Plessa Power Plant, lignite-fuelled when operative and due to become 'a living museum', presenting its past to the public, with new small businesses on the side. But Lausitz's major industrial relic, visited by 90,000 people last year, and sure to be one of the images of this IBA, is the F60 conveyor bridge at Lichterfeld – a spectacular 502m-long, 74m-high steel structure, which could excavate up to 60m of overmatter to reach the strata of coal.

Not that the F60 has much historical patina – it was built only in 1989–91. Meant to be in action for 30 years or more, it was defunct in just 13 months but local initiatives to save it from demolition were already under way before the IBA added its support. The F60 has been moved back 500m from the pit where it worked, which is now being slowly flooded to become the Bergheider Lake. Landscape architect Büro Löwe has planned

its new surroundings, which include an eye-catching area of coloured gravels, meant to symbolise the geological structure of the former pit and be seen as strata by visitors up on the F60.

This too is both a destination and a backdrop for events: Verdi's *Nabucco* was staged here recently. The F60 can be lit at night with an installation by Hans Peter Kuhn, though such schemes don't always find favour. A light show is integral to Latz + Partner's Duisburg Nord steelworks but it has been criticised for 'trivialising the life of working men and making it just a place of entertainment' (AJ 02.07.98).

Lit or not, the F60 is already a major attraction. If tourism is central to the reborn Lausitz, this is one of its prime sites. A long gradual climb brings you to the tip of this skeletal conveyor bridge, where you hover in mid-air with a hawk's-eye-view of the surroundings – a panorama of pits, spoilheaps and incipient lakes; of large cornfields, conifers, and wind turbines. From here it's clear how much this is a landscape in transition.

That state of change is highlighted in 'Bewegtes Land' ('Land in Motion') – an exhibition at the IBA Terraces at Grossräschen, a series of neat pavilions by Frankfurt architect Ferdinand Heide on a stepped promenade above another mine that will one day be a lake. Installed by Berlin firm mesh design, 'Land in Motion' presents a timeline of the Lausitz since the Ice Age.

'The earth is undergoing continual change,' says the first display panel, but in the Lausitz at present that change is accelerated, and is a conscious focus of the IBA. The slow filling



PETER RADKE

5. The F60 conveyor bridge already attracts many tourists to the region

of the lake below the terraces, and of other pits in the region, many of them linked to form a navigable chain, will be a sight in itself.

This isn't fanciful. Given the dune-like remnants of the mining process and the plants that colonise these spoil heaps, their slow submergence should be engrossing, if an advanced lake like the Sedlitzer See is any guide. The vanishing dunes become islets, the drowning plants and saplings are a swamp. Eventually they will all be lost beneath the water and the result, though fine for boating, may have less to offer visually than some moments on the way.

Not every abandoned pit, though, will be flooded in this slow, controlled manner. There is one site in the Lausitz where the second option that Kuhn mentioned, the landscape left to itself, is becoming a reality. At Wanninchen, the Heinz Sielmann Foundation has purchased 3,000ha, which it treats as a nature reserve with limited public access. The water in the old mine here has risen naturally, not by tapping the Spree, and grey geese and cranes now stop here in the autumn on their journey south. Meanwhile grass sprouts on the dunes, followed by conifers and silver birch. 'If you did nothing, you'd eventually get forest,' says the foundation's project manager, Ralf Donat. 'So these are our landscape architects,' he adds, pointing to some sheep.

While almost all the pits in the Lausitz have closed, the one at Welzow is still in action and should be for decades to come. If things go to plan, it will be the setting for Desert/Oasis – the IBA project most likely to appear in future landscape books and become representative, as Latz + Partner's steelworks did.

Though these lignite mines are vast excavations, they are well hidden in the Lausitz's flat terrain – only when you're a few metres away from them does their full extent come into view. On the edge of the mine at Welzow, wild flowers surround a large boulder that has been deposited by an Ice Age glacier. A narrow road heads straight towards the pit and ends in a void; it once led to a village, whose residents were among the many that mining in the Lausitz displaced.

The pit itself stretches far into the distance – it is 7.5 x 1.5km in size – but you lose all sense of scale until you spot a person, or a vehicle, or something else to give a focus. Down below, a conveyor bridge continues to remove the earth covering the coal in a relentless methodical way ('like cutting bread', says Olaf Umbreit, head of the body that manages the F60).

Desert/Oasis is a scheme by two Berlin-based firms, Becker Giseke Mohren Richard (BGMR) and archiscape, who want to exploit the fact that this is still a working pit by creating a new landscape from the mining process itself – 'a new topography based on the way the machines manoeuvre,' says archiscape's Michael Mackenrodt.

As a rule, the spoil from mining is simply dumped behind the excavators and levelled. BGMR and archiscape plan to direct this disposal of waste to create a 'desert' of hills and valleys: the hills sometimes conical and varied in colour, the valleys first to attract vegetation, and the whole area accessible to the public, who can take a 7km hike from one end to the other. Nestled in the middle



6. Vegetation starts to emerge on the undisturbed dunes of the Heinz Sielmann Foundation

of all this is the 'oasis', with a dense patch of green, and visitor facilities (a 'bazaar', a cinema, an information centre). Other areas along the route are shaped and given a specific identity – one becomes a stadium, for instance.

There is a precedent in certain Land Art projects: Robert Smithson's proposal for the Bingham Copper Mine in Utah and his widow Nancy Holt sculpting a landfill site in the New Jersey Meadowlands into a Sky Mound (until the money ran out). But Mackenrodt distinguishes this scheme from theirs: 'We don't think of this as a Land Art project or a park but as a real landscape. You can get lost, you can be alone – it's not Disneyland.'

The IBA is sure that visitors will come. It has been running guided tours of the old mine beneath the terraces at Grossräschen with great success, playing up the 'lunar' or other-worldly quality of the cratered landscape. The Lausitz teems with possible locations for a film by Werner Herzog, given his taste for the eerie and uncanny. But this aesthetic appreciation of the residue of mining is more for people from outside the region, to whom it is new, than those who live on the spot. For some of them the Welzow pit is an eyesore that should just be rehabilitated conventionally, and though the IBA scheme has the support of Brandenburg's authorities, it has not yet got a green light.

Along with the coal mines, the rising lakes and areas that are still cultivated, there is another landscape in the Lausitz that contrasts strongly with these others, but that gives the IBA its name. Prince Hermann von Pückler-Muskau (1785-1871) was an

enthusiast for the landscape garden, partly thanks to the 18th-century models he saw on two trips to England, and at Bad Muskau (now a UNESCO World Heritage Site) and then Branitz he put his ideas into practice.

When Pückler-Muskau visited Stowe, he complained that it was 'overcrowded with temples', so his schemes are less about architecture than an artful naturalism. His park at Branitz hinges on skilful transitions between the immediate environs of the palace, an inner park and an outer one (the 'ornamental park'), but these gradations are partly lost – hence the IBA's involvement. The plan is to recover the old circuitous approach to the house, re-establish lost vistas and overall definition and restore the mix of farmland and woods in the ornamental park.

The beguiling inner realm of Branitz seems a world away from the coal pits of the Lausitz but they have one thing in common – their landscapes are the result of earth-moving. 'There were no natural advantages here. It's done out of nothing,' says Andreas Pahl, the park's head gardener.

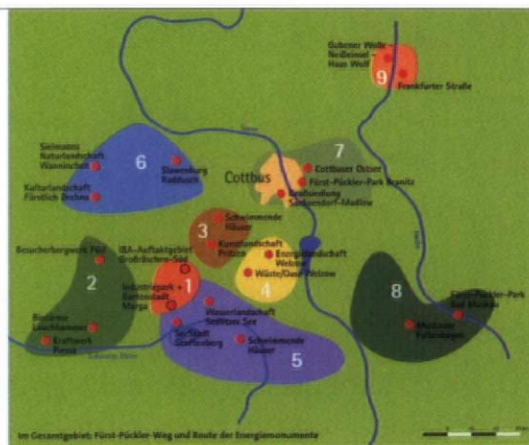
Most distinctive are two pyramids that Pückler-Muskau made, one of which stands in the middle of an artificial lake and serves as his tomb. Covered with plants, this pyramid is green in summer, red in autumn, and forms a perfect reflection in the pool among the water-lilies and dragonflies.

Branitz is already the main attraction in Cottbus, the Lausitz's biggest town, and – with tourists in view – the IBA is making the most of its Pückler-Muskau connection. This summer



7.

7. Ferdinand Heide's IBA Terraces overlook a future lake  
8. Map showing the IBA's 24 projects throughout the Lausitz



8.

it inaugurated the Fürst-Pückler Path, a 500km-long cycle route connecting all the IBA sites, which is already rife with Lycra.

The IBA's emphasis on landscape doesn't altogether preclude architecture. Apart from the new IBA Terraces and reused industrial buildings, there are plans for floating homes and the like. But the most interesting architectural project so far is firmly on dry land: an imaginative recycling of parts of a former Plattenbau in Cottbus, one of the prefabricated concrete housing blocks that were ubiquitous in the GDR. Cottbus' population has shrunk in the past decade and several Plattenbau have been demolished. Local architect Zimmermann + Partner has used elements from one of them to create a two-storey family house and four three-storey apartment buildings. Cubic, smoothly rendered, almost like little Loosian villas, their Plattenbau origins are urbanely camouflaged.

They were quickly occupied at rents only 20 per cent higher than in the surviving Plattenbau. 'It's not a cheap solution,' says project architect Lothar George, 'but these are usable building materials. Why should they go to waste?' His firm is now carrying out a comparable scheme at Sondershausen in Thuringia<sup>2</sup>.

It is landscape, though, on which this IBA hinges, integrating elements from the past – Pückler-Muskau's two parks, the F60 at Lichterfeld – with a new leisure-based series of lakes and a bold attempt at Welzow to make something more than Land Art. Pückler-Muskau's pyramidal tomb, the big steel conveyor bridge, the future Desert/Oasis: together these images start to suggest what the IBA is about.

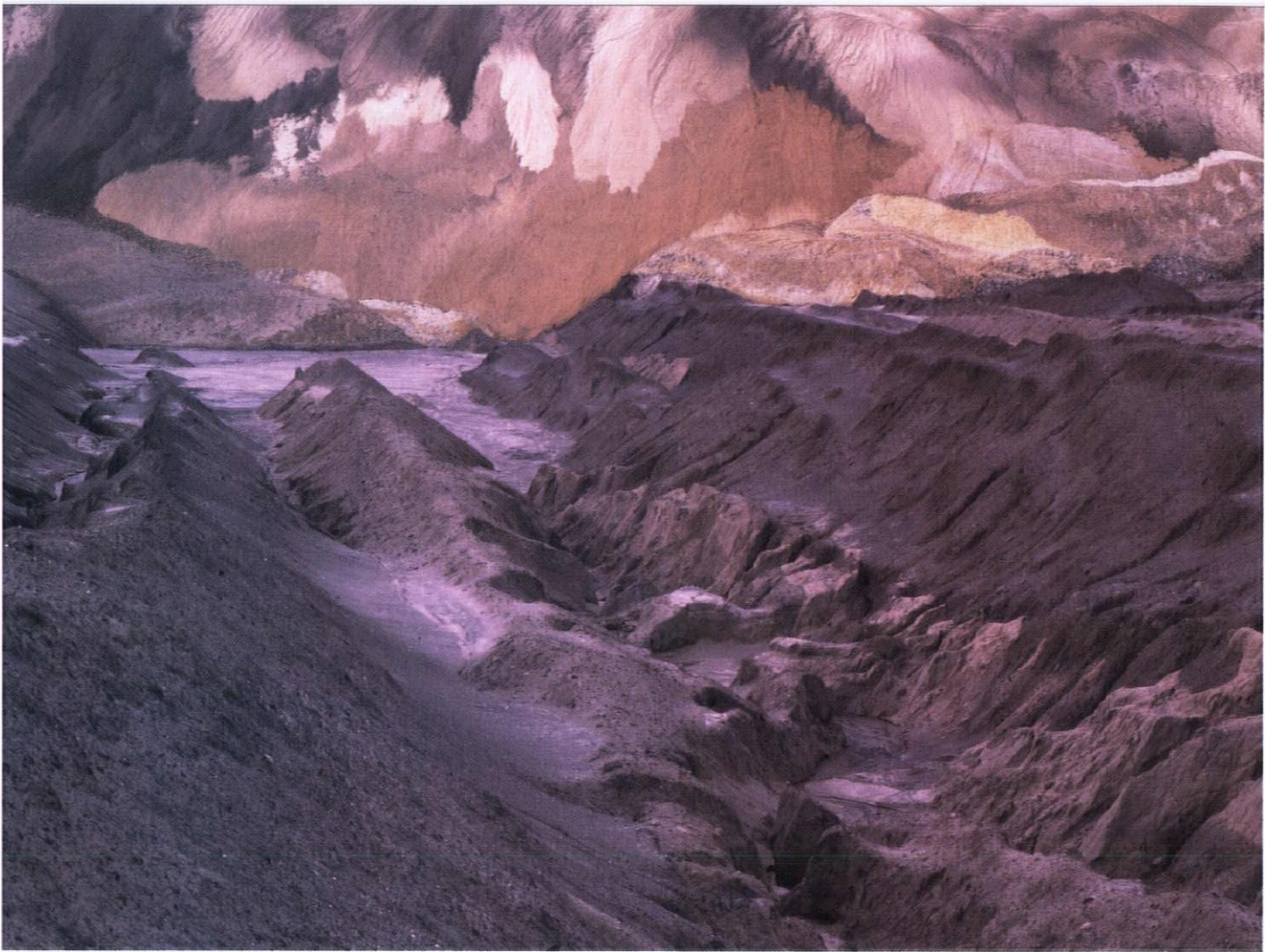
But to give a fuller picture another one is needed – picking up on the theme of the IBA's current exhibition, 'Land in Motion'. From 2006 the pit beneath the IBA Terraces will begin to fill with water and, as with the other mines in the Lausitz, it will take 10 years or more to become a lake. However attractive and ready for recreation these new lakes are at the end, the most memorable images of them are likely to be as they are formed – the swamps, the islets, the still visible craters. This IBA aims to transform a ravaged landscape, but the process of transformation may be more striking than the result.

#### NOTES

1. The IBA is a limited liability company founded by the rural districts Dahme-Spreewald, Elbe-Elster, Oberspreewald-Lusatia, Spree-Neisse and the urban municipality Cottbus, with additional support and funds from the state of Brandenburg
2. The Cottbus scheme features in the Deutschlandscape exhibition at the V&A, London SW7, until 29 January

#### WEBSITE

[www.iba-fuerst-pueckler-land.de](http://www.iba-fuerst-pueckler-land.de)



10.

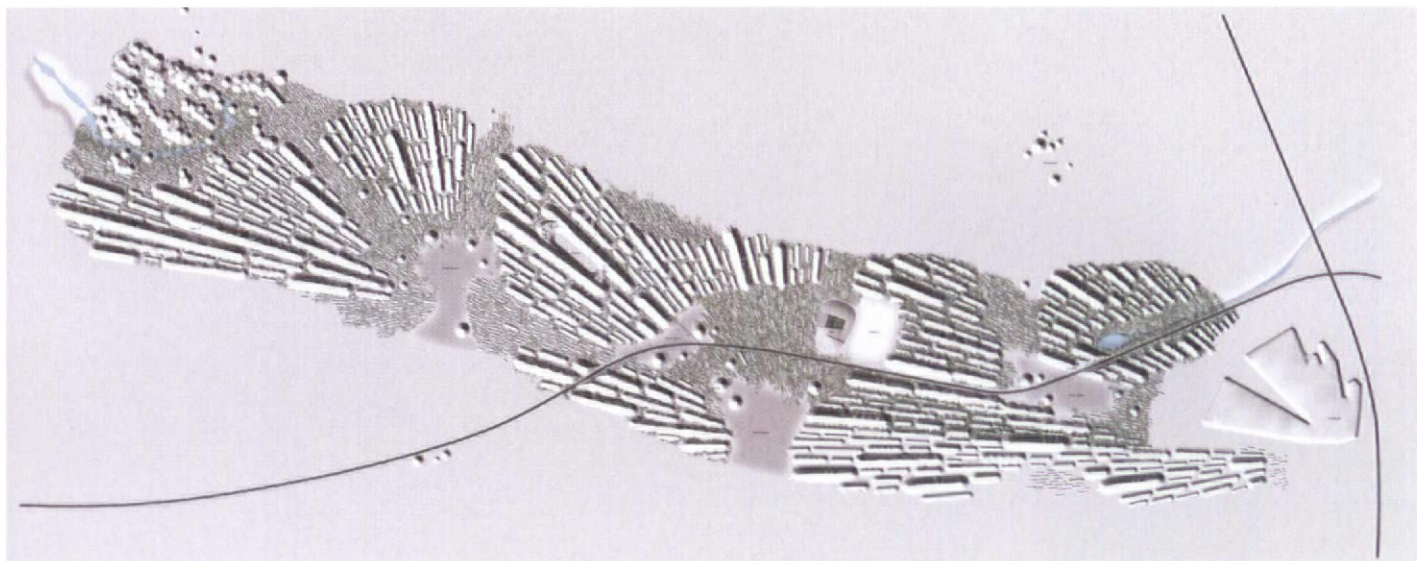


10, 11, 12 & 13. Welzow is the site for the Desert/Oasis project by BGMR and archiscape. This lignite pit will still be in use for many years to come, so the designers intend to create a new landscape from the mining process. Waste materials will be sculpted into hills and valleys, as in the plan shown opposite (13), with pedestrian routes converging on a green 'oasis'. Plants will soon spring up among the spoil heaps, without any need for conventional reclamation

11.



12.



13.



TON VERDOORT

14. The other-worldly landscape of the Desert/Oasis project



15.



16.

15. Earth-moving: Pückler-Muskau's pyramidal tomb in his park at Branitz  
16. The artful naturalism of the Branitz park



17.



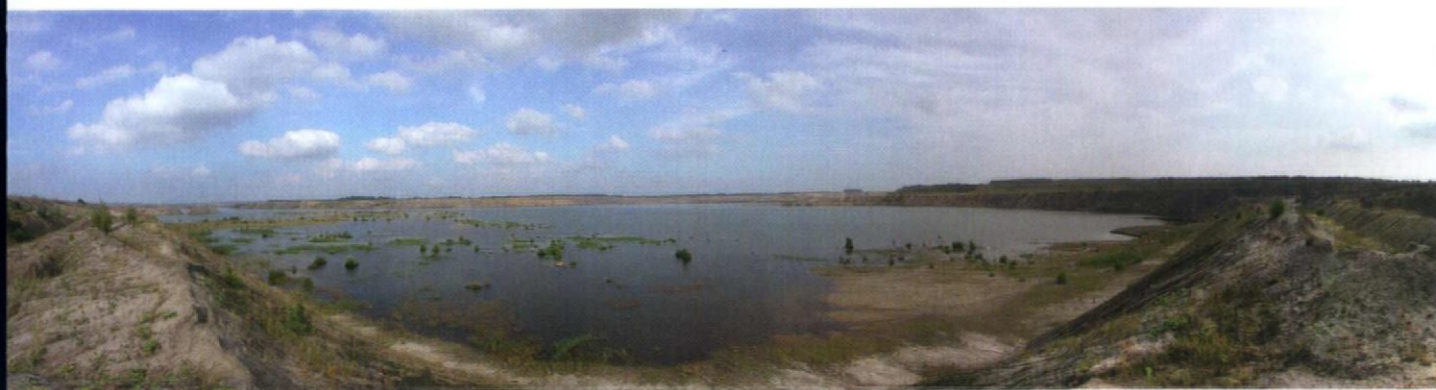
18.



19.



- 17. This still-working pit at Cottbus will eventually be turned into a lake
- 18. Zimmermann + Partner's Cottbus housing, built from recycled Plattenbau parts
- 19. A proposal for floating homes at Geierswalde by ecke:design
- 20. The Lausitz landscape in transition as dunes and vegetation are slowly submerged



JÖRG FRIEBE

20.

# Thousands of people like you visit our site every month



*find out why at*

## **www.bbacerts.co.uk**

The BBA's new website contains fully downloadable versions of hundreds of Agrément Certificates, with enhanced search facilities making it even easier for you to get our unbiased opinion on product performance, durability and compliance with Building Regulations. You will also find information on our other services including:

- ▶ **Quality Management Systems Certification (ISO 9001)**
- ▶ **Product Certification to European Standards**
- ▶ **Approved Installers for injected cavity wall insulation and other materials**

Tel: 01923 665300 Fax: 01923 665301 Email: [mail@bba.star.co.uk](mailto:mail@bba.star.co.uk)

ENQUIRY 21 ON CARD  
[WWW.AJPLUS.CO.UK/AJDIRECT](http://WWW.AJPLUS.CO.UK/AJDIRECT)





## PART OF THE PROCESS

*By Austin Williams*

Without a trace of irony or remorse, the press release for the launch of the new draft Part L last month proudly states that the documents have been released 'two years ahead of schedule'.

Blind to the fact that everyone else in the industry recognises that they were, in fact, three or six months late (depending on your point of view), screwing up a lot of scheme proposals and messing manufacturers and contractors around in the process, the ODPM seems to think that everyone should have been gearing up already anyway. But gearing up for what? Even this document comes with the proviso 'subject to amendment' and will not be definite until its implementation in April 2006. We have to work on the assumption that nothing will change, but who knows?

Ted King, the ODPM officer in charge of producing the Approved Document Part L (ADL), kept on telling me, even

up until a few days before the scheduled date of release, that they were still aiming for a launch at the end of July and implementation on 1 January. He then went on holiday for three weeks. Nonchalantly building in such uncertainty is not good for an industry that is not fully confident about the rapidly changing nature of regulatory advice.

The ADL (Fuel Conservation) documents are downloadable from the ODPM website, as is the Draft Part F (Ventilation). The site is a maze to navigate – and it refuses to date documents – but the downloads are of a manageable size. Links are available at [www.ajplus.co.uk](http://www.ajplus.co.uk)

The documents comprise: ADL1A for construction of new dwellings and extensions; ADL1B for work in existing buildings; ADL2A for construction of new non-domestic buildings; and ADL2B for work in existing non-domestic buildings.

More detail is given about these various documents overleaf, but, in brief, the key points of ADL make air-pressure testing mandatory; include just one calculation method for dwellings and non-domestic buildings – instead of the three currently available to architects; set maximum carbon dioxide emissions for whole buildings; insist that government-funded residential buildings need to comply with the more stringent Code for Sustainable Buildings (yet to be published) and create a self-certification scheme 'to ensure a high level of compliance'. Even though there is no mandatory requirement to include renewables – described as 'Low and Zero Carbon' (LZC) technologies – there is a clear moral pressure so to do. The ODPM has published some guidance on LZC on its website 'to help designers'.

Other documents to look out for are ADF: Means of Ventilation, which is issued on

the same timescale as the ADL series; and the Energy Performance in Buildings Directive (EPBD) which comes into effect on 1 January 2006. This sets an energy rating for all buildings that needs to be placed in a visible location.

Also, SAP tests are being revised to factor in weather, orientation, lighting and indoor climate; the 'Secure and Sustainable Buildings Act 2004' will have untold repercussions and the Housing Act's requirement for Home Information Packs includes a Home Condition Report that will document various measures that might improve the building's performance. Finally there are the semi-independent local legislative measures such as Ken Livingstone's demands for 10 per cent renewable-energy use in new buildings, coming to a planning department near you soon.

Please turn over for more detail, or should I say, please roll over for more regulations.

## THE ADLS SET PERFORMANCE TARGETS FOR THE WHOLE BUILDING

*By Austin Williams*

In 1995, the Building Regulations Approved Document L 'Conservation of Fuel and Power' was just one document. Then, in 2004, it became L1 and L2, applicable to domestic and non-domestic buildings respectively. Now, as we wade through the treacle that is the 2006 edition, we have four documents: L1A, L1B, L2A and L2B, the numerical suffix applying to work in existing dwellings or non-domestic buildings, the letter applying to new build and refurbishment respectively. They come into force on 1 April 2006.

The combined total of pages is actually less than the original from 10 years ago, but when you add up all the bits that are missing, what the ODPM calls 'second-tier documents,' there is a forest of paperwork to get to grips with.

Second-tier documents are those that play an integral part in making sense of the new Part L but already exist in some other form. For Approved Document L2B ('Work In Existing Buildings That Are Not Dwellings'), there are 19 references to other documents. These include the standard BRE 'Thermal Insulation Avoiding Risks', to the less well known 'Cost-Effective Carbon Efficiency Improvements' by the Carbon Savings Trust. Throughout the course of these Approved Documents, or ADLs (which we are advised to read with caution as they are still 'subject to amendment'), footnotes direct us to void or unpublished material. The finished document is scheduled for mid-January 2006.

The new ADLs have been tightened up to help the government hit the Energy White Paper and 'Action Plan For

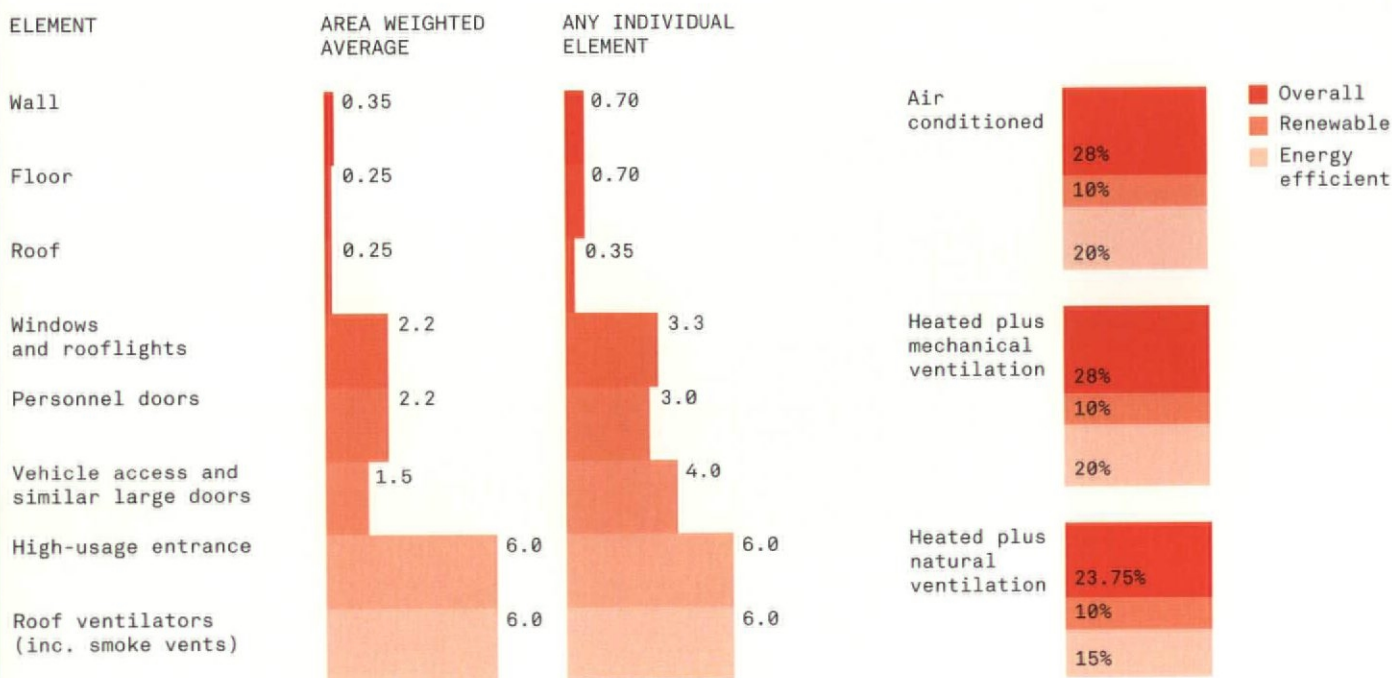
Energy Efficiency' targets and aim to bring down carbon emissions – the principal measure adopted throughout – by some 25 per cent for new buildings (a report by the National Energy Services questions that assertion, and shows that the current ADL was better at doing this for some constructions).

In brief, the ADLs set performance targets for the whole building rather than for construction or elements. Thus the Target Carbon Emission Rating (TER) for a dwelling, say, or the average taken over a block of apartments, must be shown to be higher than the proposed carbon emission rate (DER). There is only one calculation available, as the Carbon Index Method, Target Method (ADL:2002) and Elemental Approach are out of the window.

In Part L1A, the TER is a minimum guidance value and is measured in kg/m<sup>2</sup>/year (the mass of CO<sub>2</sub>/floor area) and takes account of heating, lighting and ventilation. (Unfortunately, the most common calculation tool for dwelling – referring to those under 450m<sup>2</sup> – relies on the revised SAP guidance, which is yet to be published.) The calculation is as follows:

$$TER = (C_H \times \text{fuel factor} + C_L) \times (1 - \text{improvement factor})$$

Where  $C_H$  and  $C_L$  are calculated from SAP:2005 (forthcoming), the fuel factor is read off from a table on page 4 and the improvement factor is a standard 20 per cent (why they couldn't write 20 per cent into the printed calculation is anyone's guess).



Worst acceptable envelope standards ( $W/m^2K$ ) taken from the new ADL

L2A - new non-domestic relative improvements on 2002

The DER is produced in the same way, although can be based on drawings (scheme proposals) or on finished buildings (similar to the distinction between a 'building approval' and 'building notice'). With calculations based on drawings, SAP software calculations are to be submitted to Building Control Bodies (BCB) for approval but they can refuse to accept them on the basis of the person submitting being adjudged to be insufficiently qualified to do so. This sounds remarkably like the BCB being unable to handle the software and needing to be confident in the accuracy of the submission. The associated guidance on self-certification (which is not a recipe for a free-for-all) means that 'energy consultants' will be offering their services to architects in the next few months.

The benefit (and risk) of the as-built DER method is that the results can be incorporated into the Energy Performance Certificates (the energy ratings for homes required by the Energy Performance in Buildings Directive [EPBD], that was scheduled for release in January 2006, but has been held back until April).

What is described as a 'limit on design flexibility' is imposed by the building fabric insulation standards. U-values have not increased, although they are now 'area weighted' to give a net average. Designers and contractors need to be aware of some guidance, such as that air permeability may need to be less than the standard of  $10m^3/h/m^2$  at 50Pa in order to fine tune the TER for compliance. Throughout, performance guidelines rather than definitive rules apply.

Other issues include: solar gain has to be factored in without acting to the detriment of lighting levels (because this might increase the use of electric lighting and hence  $CO_2$  emissions); robust standard details (RSD) are still applicable although not yet updated; and where RSDs are not followed, there are more rigorous air-pressure tests required, in as much as the air pressure test must comply with permeability levels as well as complying with the figures that have been factored in to the TER.

The irony of hundreds of documents on energy efficiency that have not been combined in one place for ease of access has not been lost on those who understand that the document aims to save every sort of energy except the most important – human.

#### Key documents

- The Code for Sustainable Buildings has yet to appear. This document was intended to explain what makes a building sustainable and to do away with BREEAM ratings and EcoHomes schemes, etc in one unified standard.
- The EPBD, which results in a building Energy Rating that must be displayed to public view.
- The BRE has produced a National Calculation Method software package for buildings other than dwellings (ADL2A and B). See: <http://www.ncm.bre.co.uk>
- SAP: 2006 is the essential component. This will include factors such as solar, non-repeating thermal bridges, and fixed electric lighting. It is not out yet.

## THE MAYOR WILL EXPECT APPLICATIONS TO GENERATE AT LEAST 10 PER CENT OF THE SITE'S ENERGY NEEDS

*By Simon Burton*

In London, the mayor, Ken Livingstone, has recently introduced new policy requirements for energy efficiency and renewable energy technology to be integrated into major London developments. The criteria are: to use less energy; to use renewable energy; and to supply energy efficiently.

'The mayor will expect applications referable to him to generate at least 10 per cent of the site's energy needs (power and heat) from renewable energy on the site where feasible. Boroughs should develop appropriate planning policies to reflect this strategic policy.' (The mayor's energy strategy [proposal 13].)

Whereas some building-integrated renewables, such as ground-sourced heating and cooling, can be safely left to the engineer, others, such as photovoltaic facades, rooftop solar-water heating and wind turbines, will impact on the architectural design and there may also be additional space requirements. A key issue is the potential delay in receiving planning permission and some boroughs are currently turning down applications where an adequate energy strategy has not been included.

Livingstone is in the lead but other planning authorities are not far behind, stimulated by the publication of PPS 22 (Planning Policy Statement 22 – Renewable Energy) which puts an obligation on all planning authorities to 'encourage [small-scale renewable energy] schemes through positively expressed policies in local development documents'.

Thus London is the testing and training ground for integrating renewables with energy efficiency in buildings, and

architects, engineers and planners need to be brought up to speed.

As well as higher energy standards, renewable energy sources are likely to enter the new Building Regulations Part L in 2006, following the requirements of the European Union's Energy Performance of Buildings Directive (EPBD), which requires options for renewable sources to be assessed in major developments. Integrated renewables will contribute to achieving the new energy targets in Part L.

Energy-efficient buildings with renewable energy sources will have reduced fuel bills. Buildings with 'sustainable' credentials are becoming a requirement for corporate environmental reporting and the forthcoming Code for Sustainable Buildings being developed by the ODPM will focus on energy efficiency and renewable energy as essential components of sustainability.

The building industry should not feel it is being victimised. Energy suppliers must achieve energy saving targets in domestic properties under the Energy Efficiency Commitment and must source an increasing proportion of the electricity that they sell from defined renewable sources under the Renewables Obligation.

The most commonly used renewable source in buildings is solar hot water, particularly in individual houses. Rooftop solar collectors can supply about 50 per cent of annual hot water demand (depending on how the system is used). The government has subsidised the installation of photovoltaic systems, which can supply electricity for building use or for export to the grid. Ground water can be used with heat pumps for space heating and also to



# FSB @ allgood



**NEW Lever Designs**

**NEW Glass Door Hardware**

**NEW Anti-ligature Furniture**

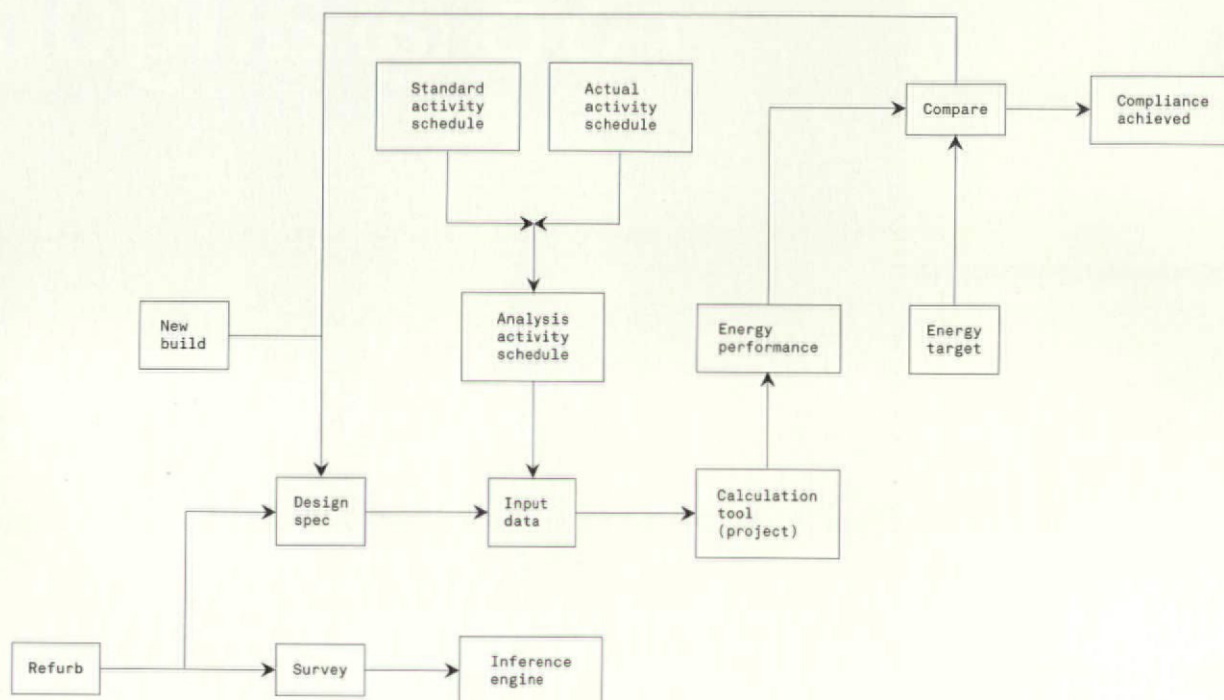
**NEW Ergo Grabrails & Doc M Packs**

**AVAILABLE NOW IN THE  
NEW FSB @ allgood BINDER**

**T: 0870 609 0009**

**W: [www.allgood.co.uk](http://www.allgood.co.uk)**

ENQUIRY 18 ON CARD  
[WWW.AJPLUS.CO.UK/AJDIRECT](http://WWW.AJPLUS.CO.UK/AJDIRECT)



Standard activity schedules checklist to confirm occupancy density, power loads, hours of use etc

provide cooling either directly or via a chiller in comfort-controlled buildings. Biomass boilers and stoves is another growth area.

Traditional wind generators are large, stand-alone systems but, increasingly, small building-mounted generators are coming onto the market applicable to individual houses, blocks of flats and non-domestic buildings.

Biofuels, such as diesel from rape seed oil and wood gasification, will in the future fuel renewable CHP systems, and hydrogen from offshore wind. Other sources may also come on stream but for now, the challenge is incorporating the proven renewable technologies in modern buildings so that they make a positive and reliable contribution to both the building and the environment.

Under these provisions, architects need to:

- understand energy-efficient and renewable-energy technology;
- explore their design options, and how they work in situ;
- consider the feasibility options early on in each project to achieve good design and avoid delays in planning approval;
- understand what the planners want; and
- make sure that engineers can design in renewables successfully.

To provide technical information and to guide designers through the process of assessment and choice of renewables, *Integrating renewable energy into new developments: Toolkit for planners, developers and consultants*<sup>1</sup> was produced by London Renewables (now a part of the London Energy Partnership) and Faber Maunsell Sustainable Development Group. It contains explanations,

benchmarks, calculation methods and typical scenarios.

But even if architects and engineers have a general understanding of energy efficiency, combined heat and power, community heating and the requirements and the impacts of renewable sources on and adjacent to buildings, do planners? Will developers be asked to provide combined heat and power and community heating in unsuitable applications, or make a 10 per cent renewables contribution using unreasonable and untried sources? To help planners (in this instance, in London) to understand energy efficiency, CHP and other renewables in applications, 'Capacity Building on Sustainable Energy Planning Policy', a project funded by the DTI and the mayor, includes feedback on a new tool being developed to simplify communication on energy strategies and provide hands-on support as planners negotiate with architects, engineers and developers.

By meeting jointly with the planners and the developers, energy efficiency and renewable resources can be incorporated in planning applications which satisfy both parties, and which secure the most energy-efficient design and at least a 10 per cent reduction in carbon emissions.

The results will be presented for discussion at a seminar on 22 November. For more details email [ben.smith@fabermaunsell.com](mailto:ben.smith@fabermaunsell.com) Simon Burton is an associate director of Faber Maunsell's Sustainable Development Group

1. See [www.london.gov.uk/mayor/environment/energy/docs/renewables\\_toolkit.pdf](http://www.london.gov.uk/mayor/environment/energy/docs/renewables_toolkit.pdf)



# Is your creativity bearing fruit?

An idea unrealised is an opportunity lost.  
The Autodesk® 2006 portfolio of products is all about helping you realise your ideas – to compete and win.

Now is the time to realise your ideas!

Important message to all customers using AutoCAD® 2002-based products  
On 15 January 2006, Autodesk® will be retiring the AutoCAD® 2002 family of products.  
On this date the upgrade path from these products will be discontinued.  
Plan your upgrade now and benefit from our attractive pricing offer on upgrades.  
At present, this offer is time limited.

Save up to 20% when you upgrade to the AutoCAD® 2006 family of products

Save up to  
**20%**

15 Jul 2005 to  
15 Oct 2005

Save up to  
**10%**

16 Oct 2005 to  
15 Jan 2006

Autodesk®

 <b>3D Design Consultancy Ltd</b> Llandarcy 0179 232 3184	 <b>Adris Computing Concepts Ltd</b> Southampton 0238 086 8947	 <b>Alta Systems Ltd</b> West Bromwich 0121 5536665	 <b>C.A Design Services Ltd</b> Great Yarmouth 0149 344 0444	 <b>Cadassist Ltd</b> Stockport 0161 440 2436	 <b>Cadline Ltd</b> Staines 01784 419 922	 <b>Cadlogic Inverurie</b> 0146 762 9900	 <b>cadpoint Ltd</b> Crowthorne 01344 751 300	
 <b>ADSPEC</b> Worcester 01905 458 000	 <b>CABS CAD SOLUTIONS</b> Hatfield 0800 783 9678	 <b>coins</b> Slough 0175 350 1000	 <b>ECL</b> Watford 0192 389 2600	 <b>ENVISAGE</b> Bridgend 0165 666 2414	 <b>excitech</b> Enfield 0208 804 9942	 <b>graphite</b> Nottingham 0115 969 1114	 <b>imass</b> Newcastle Upon Tyne 0191 213 5555	
 <b>Key Systems</b> Worcester 0192 768 888	 <b>MICE TECHNICAL GRAPHICS</b> Coulsdon 0208 668 4646	 <b>MicroCAD</b> Bradford 0127 453 2919	 <b>MicroCAD</b> Darlington 0132 535 0220	 <b>Micro Concepts</b> Cambridge 0122 371 6200	 <b>netmetrix</b> Coventry 0870 750 5135	 <b>PCC SYSTEMS</b> Northumberland 0166 184 4433	 <b>qs</b> Lancashire 0125 430 1888	
 <b>RADAN</b> Bath 0122 532 0320	 <b>Thom Micro Systems Ltd</b> Bath 0122 532 0320	 <b>Trionics</b> Ossett 0192 426 6262	 <b>Universal CAD</b> Basingstoke 0125 535 2700	<b>ENQUIRY 22 ON CARD</b> <b>WWW.AJPLUS.CO.UK/AJDIRECT</b>				 <b>Autodesk</b> Authorised Reseller

# Why Westok



## for CURVED BEAMS?



Project British Car Auctions, Bedford



Project Holmes Place Fitness Club, Merton

- Curved at no extra cost mid-production\*
- 25-50% lighter than plain UBs
- Spans up to 60m to date
- Very short lead times
- Economy - regularly chosen by fabricators in *Design & Build* as the most economical curved solution



Project Newton Hill School, Wakefield

\* Tight radii may involve additional costs. Please ask for details.



Project Liverpool Football Club Academy



Westok Limited, Horbury Junction Industrial Estate, Horbury Junction, Wakefield, West Yorkshire WF4 5ER  
Tel: 01924 264121 Fax: 01924 280030 Email: [info@westok.co.uk](mailto:info@westok.co.uk)

[www.westok.co.uk](http://www.westok.co.uk)

ENQUIRY 24 ON CARD  
[WWW.AJPLUS.CO.UK/AJDIRECT](http://WWW.AJPLUS.CO.UK/AJDIRECT)

## SOME OF THE JUSTIFICATION LOOKS LIKE SHOWING OFF

*By Austin Williams*

In the usual helpful way of these regulations, the new Approved Document Part F: (ADF) Ventilation explains the main changes between it and the existing ADF 1995 by pointing out that in the new version 'more guidance has been given for domestic mechanical and natural ventilation systems'. Well, duh!

This document is split into: Section 1: Dwellings; Section 2: Buildings Other Than Dwellings; and Section 3: Existing Buildings. The ventilation rates are predicated on a higher level of airtightness than in Approved Document L.

Most dwelling ventilation rates remain as per, but there is a new requirement for the ventilation of basements. In order to assess the ventilation requirements, there is a reasonably straightforward diagrammatic representation of four options. These are:

- background ventilation and intermittent extract fans;
- passive stack ventilation;
- continuous mechanical extract; and
- continuous mechanical supply and extract with heat recovery.

'Purge ventilation' is the new name for 'rapid ventilation', which is something specific and intermittent in that it is ventilation required to clear air of paint fumes, vapour from extraneous heaters, burnt cooking, etc. Attention is drawn to the need for purge ventilation in sanitary accommodation for example, relating to the clear opening area of 1/20th of the floor area and for fully openable windows, separate and distinct to the mechanical-, passive- or trickle-ventilation requirements.

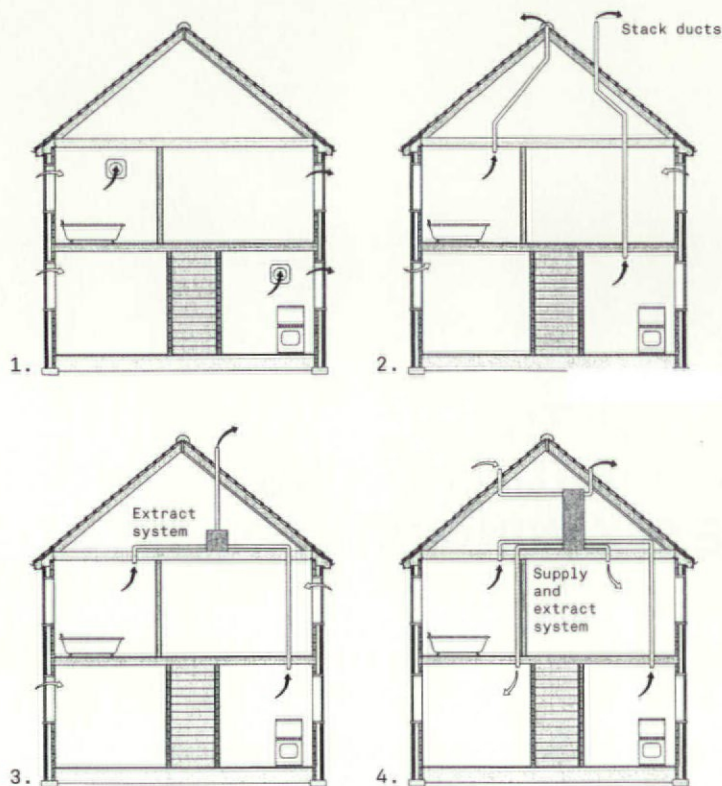
Each of these four 'types' relates to a separate page that describes a two- or three-step approach to reading off the clear equivalent ventilation area. In general, a ventilator area can be read off from a table by adding recommended allowances and reading off the cross sectional equivalent areas required.

The ventilation requirement for basements is new but straightforward. Where a basement is connected via an open stair to the main dwelling, ventilation must be as per the dwelling. Where basements have one clear exposed wall, mechanical ventilation, with or without heat recovery, is the 'preferred' option.

Internal rooms can be vented through a secondary room, provided that background ventilation and purge ventilation (minimum 8m<sup>2</sup>) requirements are met. If the outer room is a conservatory, the area of the closable partition between the two rooms – and from the secondary room to external air – must meet the clear ventilation opening equivalents relative to the floor area of both rooms combined, for purge-ventilation purposes.

In Section 2: Buildings Other Than Dwellings, the whole building ventilation rate for offices requires an air-supply rate increased from 8 to 10 l/s. In a sign of the times, this is predicated on a 'no-smoking' environment. This, we are told, is 'probably traced to an analysis of experimental studies of office buildings by Mendell [1993]'.

On reading this, it becomes noticeable that some of the extraneous 'scientific' justification looks like showing off and appears to be of little relevance to many domestic architects.



1. Background ventilators and intermittent extract fans

2. Passive stack ventilation

3. Continuous mechanical extract

4. Continuous mechanical supply and extract with heat recovery

For instance, part of the ADF is premised on an assumed dwelling with a permeability of  $3\text{m}^3/\text{h}/\text{m}^2$  at 50Pa with continuous ventilation rates to remove 1kg of water at steady state to prevent 70 per cent and 90 per cent RH limits. This may please some engineers but is an indulgence many architects haven't time for.

A lot of helpful guidance is given on passive stack ventilation (PSV) systems. These can be used as an alternative to a mechanical extract fan for office sanitary areas, washrooms and food preparation areas. Recommendations are given on the location and extract rates but two pages are given over to referencing external compliance documents. The CIBSE Guide B2:2001 figures quite extensively. It is all too common for Approved Documents to keep their text short by obliging researchers to look at multiple external sources. The section on dwellings is 12 pages long; the section on offices just four – but you have to consult your Health Technical Memorandum for details.

Approved Documents are advisory guidance only and the directions contained within them are not mandatory (architects are free to comply as they see fit, the Approved Documents merely show one way of compliance). However, even though this new draft Part F (and draft Part L) still has the basic diagrams and read-off charts and tables, I get the sense that this round of Approved Documents has tended, if not to abrogate responsibility, then to introduce caution about its directives.

The duty of providing guidance is undermined by the background murmurs of a reliance on performance specification.

ADF prides itself on giving the designer suggestions 'on what level of ventilation should be sufficient, rather than how it should be achieved'. But that approach is simply a restatement of the Building Regulations position. In which case, what then are the Approved Documents for?

For example, Appendix A states that a proper ventilation system should mean that 'there should be no visible mould on external walls'. Fair enough, but it then goes on to stipulate that the principal performance criteria used for indoor pollutants should include confirmation that nitrogen dioxide levels not exceed  $288\mu\text{g}/\text{m}^3$  over a one-hour average and that carbon monoxide be below 10ppm averaged over eight hours, etc. It's all very well citing Department of Health guidelines and spelling out the 'assumptions used in applying performance criteria'; but such complex performance specifications seem somewhat cowardly.

Indeed, the ODPM has already expressed its own get-out clause in the introduction and passed its extreme level of compliance on to designers. Undoubtedly, risks and liability will be passed down the supply chain as 'designers' regurgitate the performance specification to fan manufacturers.

Superficially, this document is an improvement, but in reality it is not guidance. Its indecisiveness – stemming from a risk averse approach to specification – seems to hang around this document like a badly ventilated odour.

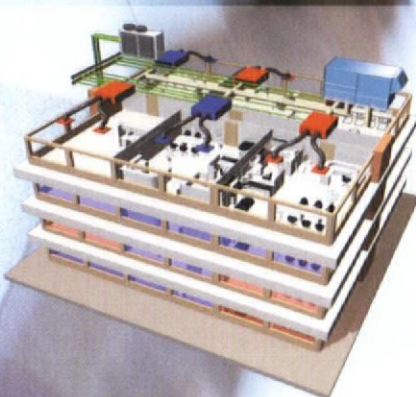
Visit: [www.odpm.gov.uk/stellent/groups/odpm\\_buildreg/documents/sectionhomepage/odpm\\_buildreg\\_page.hcsp](http://www.odpm.gov.uk/stellent/groups/odpm_buildreg/documents/sectionhomepage/odpm_buildreg_page.hcsp)



## Colt-Caloris Water Source Heat Pump System



Approved for Enhanced  
Capital Allowance



Colt has developed a new and modern approach to air conditioning with considerable environmental advantages over present day refrigerant-based systems.

You may be interested in its environmentally friendly use of water instead of refrigerant as its main energy source, or indeed the ability to utilise the thermal mass of the building to increase COP levels and reduce running costs.

You may be interested in its ability to store and transfer heat energy, for example in transferring heat from the South side of a building to the North side, for free recovery of heat.

You may be interested in its ability to utilise the mass of other buildings, rivers, lakes or the earth for ground sourcing and energy storage.

You may be interested in its ability to reduce CO<sub>2</sub> emissions, or in its low cost uninsulated pipework installation, or simply that it won't be affected by the forthcoming F-Gas Regulations.

It might simply be because it is so quiet.

Interested? If you are, please email Colt at [info@coltgroup.com](mailto:info@coltgroup.com) to request a brochure or telephone our customer services department on 023 92 45 1111 to discuss how this system can help you comply with the Government's latest sustainable initiative.

"Helping you comply with the Government's latest sustainable initiative for low energy, low greenhouse gas emissions and safe cooling and heating solutions."

**Colt International Limited**  
New Lane Havant  
Hampshire PO9 2LY  
Tel +44(0)23 9245 1111  
Fax +44(0)23 9245 4220  
[info@coltgroup.com](mailto:info@coltgroup.com)  
[www.coltgroup.com](http://www.coltgroup.com)

ENQUIRY 25 ON CARD  
[WWW.AJPLUS.CO.UK/AJDIRECT](http://WWW.AJPLUS.CO.UK/AJDIRECT)



## HOME REFORMS

*By Brian Waters*

Householder applications – house extensions, fences, trees, hardstandings and so forth – have been growing in numbers in the past eight years while other categories have remained steady. They absorb a disproportionate amount of resources and committee time and it is accepted by government that the process is not very ‘user friendly’. In the words of one local authority planning officer: ‘I didn’t join this profession to spend the bulk of my time sorting out neighbour disputes.’

The government response is the Householder Development Consents Review (HDCR), announced by John Prescott in January<sup>1</sup> and reaching report stage this week. The recommendations are awaited with interest and will eventually be the subject of consultation, but their drift is becoming clear.

The intention is to pursue the government’s aim to speed up, simplify and change the

culture of planning. It also aims to reflect the wider programme of public service and regulatory reform designed around the needs of customers. We all drink to that but what will it really amount to?

The surprising answer may turn out to be quite radical. In a nutshell it is: the elimination of the need to obtain planning permission for a whole swathe of developments; the merging of various types of consent (planning, listed building, conservation area and tree consents) and the delegation to architects and other accredited ‘service providers’ the certification of compliance with the simplified rules.

The review recognises that much of the problem derives from the complexity and obscurity of the General Permitted Development Order (GPDO), that has evolved over the years and become a playground for lawyers. Out will go the calculation of volumes and confusing

dimensions of extensions and car ports and in will come an assessment of the impact of a proposal on neighbours and the wider community.

Stand by for an enhanced architect-as-mediator role, since affected neighbours will have to sign up to a proposal if the new alternative planning application procedures are to be bypassed. Planning authorities will also be encouraged to relax GPDO rules locally by introducing ‘Local Development Orders’ under the new act.

There will be a slew of customer aids and guides and step-by-step internet form filling where an application is called for. There is even an aspiration to integrate planning with building regulations but don’t hold your breath. (Rather save it to shout against the threatened increase in duplicated regulation that is about to hit us under the banner of ‘sustainability’).

A most interesting aspect of householder reforms will be

the potential expansion of the role of architects in this much neglected area. While ‘self-certification’ is nothing new to us – we are often asked to provide an opinion as to whether planning permission is needed – it will be formalised by certificates of compliance that only qualified professionals may sign. This is a step towards a European-style protection of function (in Spain, for example, electricity cannot be connected without an architect’s certificate of completion being provided). It will also be, quite rightly, an occasion for charging a fee!

The AJ’s ‘Architect’s Guide to the Planning Process’ conference takes place in London on 14 November<sup>2</sup>. *Brian Waters is principal of the Boisot Waters Cohen Partnership. Visit [www.bwcp.co.uk](http://www.bwcp.co.uk)*

### REFERENCE

1. See [www.odpm.gov.uk/householderconsents](http://www.odpm.gov.uk/householderconsents)
2. Details available at [www.ajplanning.co.uk](http://www.ajplanning.co.uk)

# Minimal effort for maximum impact.

## idea:

Boost an architect's productivity and efficiency with powerful and effective features, with minimal investment in time.

## Realised:

Designed for architects and built on AutoCAD® software, Autodesk® Architectural Desktop supports your existing way of working and lets you gradually introduce increasingly powerful features to save even more time and co-ordinate better. It delivers flexibility in implementation and use, the efficiency of real-world building objects and the very best AutoCAD® - based design and documentation productivity for architects.

To find out more, visit [www.autodesk.co.uk/adt](http://www.autodesk.co.uk/adt)

Autodesk and Autodesk Revit are registered trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. ©2005 Autodesk, Inc. All rights reserved.

# Autodesk



**Elstree Computing Ltd**  
Bucknall's Lane, Garston  
WATFORD, Hertfordshire  
WD25 9XX

[www.ecl.uk.com](http://www.ecl.uk.com)  
**Tel:** 01923 892600  
**Fax:** 01923 679288

ENQUIRY 26 ON CARD  
[WWW.AJPLUS.CO.UK/AJDIRECT](http://WWW.AJPLUS.CO.UK/AJDIRECT)

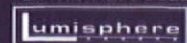
## The New & Innovative Quad-LED Decorative Lighting System From Lumisphere™

Installed in 37 trees along the south bank of the Thames the Lumisphere Quad LED system has transformed the riverside walk. The system is based on the internationally renowned IP68 rated, Lumisphere festoon system which offers ultra long life and durability, enhanced by the inclusion of a new multiple LED light source comprising of four high quality solid state sources giving maximum impact and a very low power consumption of less than 0.4w per unit.



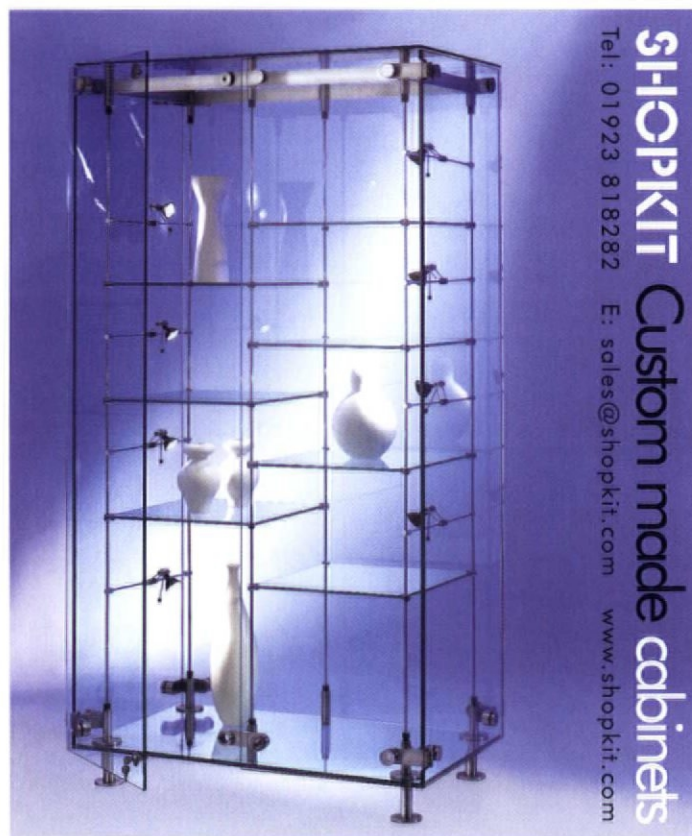
Lumisphere Products Ltd  
Hardings Lane  
Ingabeston  
Essex  
CM4 0HZ

Tel: +44 01277 352912  
Fax: +44 01277 353966



[www.lumisphere.co.uk](http://www.lumisphere.co.uk) [sales@lumisphere.co.uk](mailto:sales@lumisphere.co.uk)

ENQUIRY 27 ON CARD  
[WWW.AJPLUS.CO.UK/AJDIRECT](http://WWW.AJPLUS.CO.UK/AJDIRECT)



**SHOPKIT** Custom made cabinets  
Tel: 01923 818282 E: [sales@shopkit.com](mailto:sales@shopkit.com) [www.shopkit.com](http://www.shopkit.com)

ENQUIRY 28 ON CARD  
[WWW.AJPLUS.CO.UK/AJDIRECT](http://WWW.AJPLUS.CO.UK/AJDIRECT)



## CHECK YOUR MESSAGES

New Big Brother politicians are constantly harping on about the price of freedom being eternal vigilance. With emails you better believe it.

Last week I found a message from an old mate in the spam file automatically generated by BT Yahoo. You often get legitimate emails trapped here, which was why I checked the file. A few odd things struck me, however. Firstly, his email address was the one he had been using before he recently retired. Secondly, the message was one line-long and enigmatic. Thirdly, there was an attachment. So I rang him up. He was a bit testy about it. Nope. Not him, and could he please get on with his G&T by the poolside.

So there it is. The slightest email oddity, even from friends, is probably malignant. Just say no.

Currently, about half the items in my daily architecture news feed from Google, (to access it, click News on the Google opening screen, then News Alerts in the left-hand column) are actually about software architects. Before people at parties start talking to you knowledgeably about SQL and the future of Liquid Information, you might like to ring up the ARB and ask what exactly it is doing about the biggest threat ever to the title that it exists to protect. [sutherland.lyall@btinternet.com](mailto:sutherland.lyall@btinternet.com)

# NOT GOING TO PLAN

Not complying with planning controls is sometimes regarded in a different light from other sorts of law breaking, writes *Sue Lindsey*. But those who breach planning requirements are law breakers, and the laws they break are there for the benefit of all of us. The courts will clamp down on offenders when necessary, as illustrated in *Tunbridge Wells Borough Council v Redford* (13.12.04).

The Redfords have owned Pork Pie Farm since 1991, at which time one small barn stood on the 1ha site. By the end of last year it sported a converted barn decorated with wagon wheels, that was in use as a house, a cowshed and a mobile home. It seems this may not have been the rural idyll that it sounds, given that the judge described the overall effect when seen in an aerial photograph as 'what looks like a semi-industrial tip thrust into the middle of the Kent countryside'. However, the structure was home to the five adult Redfords.

None of these structures had appropriate planning consent. Over the years the local authority had served eight enforcement notices, perhaps spurred on by neighbours of the 'Disgusted of Tunbridge Wells' variety. The owners of Pork Pie Farm made various applications for retrospective planning consent but none was successful. Apart

from making the applications, the Redfords simply ignored the enforcement notices. Eventually the planning authority applied for an injunction to make the Redfords comply with the notices. The court had to decide whether or not to grant one.

In concluding that an injunction was appropriate, the judge referred to House of Lords' guidance in *South Bucks District Council v Porter* (2003). There was no single, simple test that the court could apply, as the facts that arise in each case are different. The question the court had to grapple with was whether in all the circumstances it was just to grant an injunction. As it appeared that the breaches would continue unless an injunction was granted there was a strong indication that the court should take that step.

It was agreed that the Redfords' rights under Article 8 of the European Convention on Human Rights (the right to respect for their home) were relevant. However, those rights are not absolute and do not exist in a vacuum. Their context is the legal and democratic structures that protect the rights of all of us – and ensure that all of our rights are entitled to be recognised. Interference with someone's right to respect for their home can be lawful, and measures such as granting the injunction that Tunbridge Wells sought in this particular case

can be necessary in a democratic society.

The judge concluded that the court simply could not sanction a state of affairs where enforcement notices were being ignored.

Although unfortunate for the Redfords, they had brought their difficulties upon themselves by refusing to comply with the planners' requirements. They had many years within which to sort out their affairs but had failed to do so. So the planning system does have teeth, which are sometimes used to bite the backsides of those who flout it.

*Sue Lindsey is a barrister at Crown Office Chambers. Visit [www.crownofficechambers.com](http://www.crownofficechambers.com)*



STEPAN BARTOS/PHAIDON PRESS

## BOOK

By Sarah Jackson

John Pawson Works  
By Deyan Sudjic  
Phaidon, 2005.  
240pp. £24.95

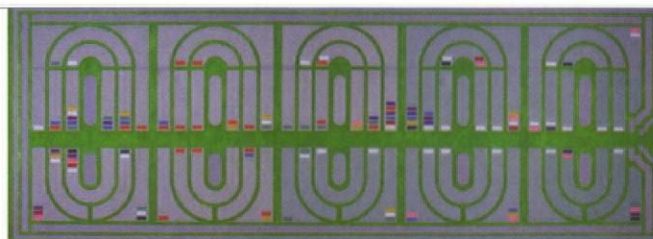
The lifestyle emphasis (that culminated in a cookbook) can put people off Pawson's work, which is unfortunate, as Pawson does what he does rather well. This book, a revised version of the one published in 2000, represents 12 projects through photographs, plans and a discursive commentary by Deyan Sudjic. It is both informative and easy to read and is refreshingly modest.

Sudjic writes in an engaging way, combining wider cultural issues with elements of detail; it is a book where the global economy is discussed alongside shadow gaps and I like it for that. He is not sycophantic, querying (softly) the ambiguities of wealthy urbanites moving to 'the country' and wryly asking the 'Emperor's New Clothes' question about highly crafted

tables being just school benches. We also discover that the brief for the Novy Dvur Monastery in the Czech Republic (pictured) included a stipulation that the library floor shouldn't creak and there is a special sleeping area for snoring monks.

It is a fine book but, overall, two questions niggle. What are these pure serene spaces really like? And how are they expressed externally? All the spaces are shown empty, in abstract detail and spanking new. Pawson is clearly a master of what he can control but, ultimately, he will be respected for how confidently his work engages with the messiness of context and everyday life. On the evidence of this book it seems that this confidence hasn't yet emerged.

*Sarah Jackson is a CABA design review advisor*



'Classification', based on the  
Jardin des Plantes in Paris

## EXHIBITION

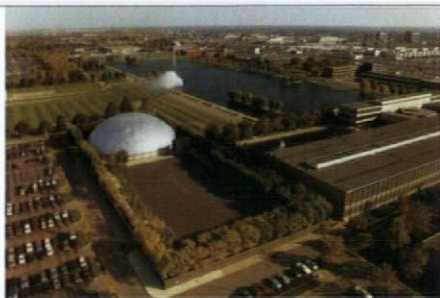
By Andrew Mead

Alison Turnbull  
At ArtSway, Station  
Road, Sway, Hampshire,  
until 20 November

A previous group of Alison Turnbull's paintings all incorporated architectural plans, embedded like ideograms at the heart of each canvas (AJ 28.09.00). Before that, Turnbull was very much an abstract artist, making works that, at first, sometimes looked just to be monochromes but that slowly revealed all sorts of painterly subtleties, in addition to colours you would never find on a chart. But Turnbull didn't relinquish those subtleties once she began featuring plans – and the results were intriguing. Though you never forgot for a moment that you were looking at a painting rather than a diagram, the plan still made itself felt, with its shorthand for a built (or envisioned) world beyond the walls of Turnbull's studio. The gallery was full of architectural ghosts.

In Turnbull's absorbing show of new paintings and drawings at Tony Fretton's ArtSway, the plans are now of botanical gardens rather than buildings, although one of them, *Site*, conflates the two, representing the garden at Ventnor but also the old tuberculosis hospital that stood there – a layering that has long been fundamental to Turnbull's art, where preparatory drawing is often still visible beneath later coats of colour.

And whether it's the *zeitgeist* or simply a response to her floral subjects, Turnbull now shows a similar interest in ornament to Herzog & de Meuron or Caruso St John (AJ 06.10.05), though mechanical repetition is always subservient to her personal touch, as her *Black Borders* drawings make clear.



1.

## BOOK

By Edwin Heathcote

Eero Saarinen

By Jayne Merkel.

Phaidon, 2005. £45



ERZA STOLLER/ESTO

2.

1. Aerial view of the General Motors campus

2. The TWA terminal at JFK airport

Eero Saarinen has been in and out of fashion like a yo-yo since his death in 1961 when only 51, an age at which most architects are just beginning to make their names. His great range and pioneering approach to almost every building type he approached should have made him a model for the Post-Modernists, his Miesian corporate and education buildings should have endeared him to the New Moderns, his structural expressionism should have made him a darling of the current Modernist organicists.

But it hasn't always worked like that and Saarinen remains very much in the shadow of Mies, Breuer, Kahn, Aalto *et al.* If anything, like Breuer, his furniture has become better known than his architecture. The exception perhaps is the TWA terminal at JFK airport,

now abandoned and about to be moved and incorporated into a new scheme, probably as a dead duck.

Nevertheless, its survival at all is testament to its wider reputation; it now appears in films, fashion shoots and advertising campaigns. With the confluence of all these things, and a general interest in everything mid-century, Saarinen follows on from Charles and Ray Eames, Pierre Koenig, Arne Jacobsen in being due a major revival.

Merkel's book is not the first symptom of this – Laurence King has published a monograph on the semi-famous Finn by Antonio Roman (AJ 19.06.03). Visually, that book is the more coherent. Black-and-white throughout, it makes more use of stunning contemporary images

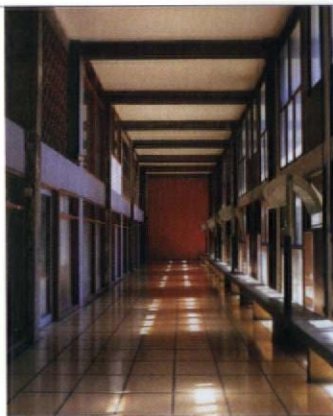
of Saarinen's buildings, which coincided with the greatest period of US architectural photography (Balthazar Korab, Ezra Stoller and others).

But, despite appearances, Merkel's book is by far the better. Unpretentious and mercifully uninhabited with architect-speak, it follows its subject's career from his father Eliel's Finnish office, with its monumental National Romanticism, through the transition to the US and a father and son practice and onto Eero's individual career.

And what a career it was. He effectively invented the low-rise corporate campus (with complexes for General Motors, IBM and Bell), a typology now being revived as a response to corporate caution on skyscrapers following 9/11. He pioneered the use of cast

stone and of Cor-Ten steel (the latter at tractor company John Deere) and at Dulles and JFK airports he developed a neo-expressionist language, without which it would be hard to imagine the transport structures of Calatrava or Foster, perhaps even the concrete fluidity of Zaha Hadid's recent work. He also designed some of the very few beautiful ecclesiastical buildings of the era.

Unlike many of his contemporaries, Saarinen attempted to embody the nature of his clients and of the sites in his commissions. He arrived at a Miesian solution where appropriate, or at sculptural expressionism where that seemed more apt. This *architecture parlante* became particularly unfashionable – perceived as a kind of dilettantism – but it also



JASON ORTON



## BOOK

**Walking Through  
Le Corbusier: A Tour  
Of His Masterworks**  
By José Baltanás. Thames  
& Hudson, 2005. 191pp.  
£24.95

meant that he failed to develop the signature style so key to a myth of immortality.

Saarinen had something for everyone – monumentalism, expressionism, minimalism, contextualism – and it's all covered and richly illustrated here, in a rewarding, sympathetic survey that brings the architect to life.

I liked an anecdote told by director Elia Kazan about Saarinen giving a presentation about a scheme for the Lincoln Center Repertory Theater. 'A member of the client's committee interrupted him and asked him if he could talk a little faster. Saarinen listened to the question politely, puffing his pipe, then said calmly, "No... But I can say less"'.  
*Edwin Heathcote is the architecture correspondent for the Financial Times*

This book springs from the simple, but excellent, idea of taking a systematic walk through a dozen Le Corbusier buildings: in some cases (Villa Savoye) Corb's explicit *promenade architecturale*; in others the logical route an inquisitive visitor would follow. Up to a point, the idea is well executed: there are clear introductions to the selected buildings, making Corb's own thinking clear, and well-sequenced photographs with fuller captions than usual. The problems lie in the choice of 'masterworks'. Yes, Villa Savoye, the Pavillon Suisse, the Marseilles Unité (pictured) and La Tourette are here, but it's strange to find the early La Chaux-de-Fonds villas, the Kembs-Niffer lock and the Duval factory here when many more significant buildings have been omitted.

## CRITIC'S CHOICE

By Andrew Mead

In tackling post-industrial landscapes in the former East Germany, the latest IBA raises questions about how much intervention is desirable – about what should be valued and left as it is (see pages 25–37). The questions apply just as much to our own major redevelopment site, the Thames Gateway and a new publication from the Essex Development & Regeneration Agency, *350 Miles: An Essex Journey* (free from [www.realessex.co.uk](http://www.realessex.co.uk)) could certainly guide decisions.

Though it ranges beyond the Thames Gateway's designated area, this modest book – a collaboration between Ken Worpole and photographer Jason Orton – comes closer to capturing the landscape qualities that are at stake there than anything I've seen. Worpole writes evocatively of the meeting of land and water and the myriad forms it takes with the changing tide; of the coastal architecture that encompasses early Modernism, boatyards and military remains; of 'micro-geographies' that mean this landscape can only be understood on foot. Orton's photos are an excellent complement, conveying bleak or luminous expanses of marsh and shoreline and the blurred boundaries between man-made and natural as shingle invades tarmac or steps crumble into the sea. Without sentimentality but with feeling, the book shows a landscape that 'can be valued on its own terms as a form of maritime or post-industrial pastoral' – a landscape all too vulnerable, though, to developers' ambitions.

It would be good if copies could be given to everyone attending the *Thames Gateway Forum* at ExCel in London's Docklands on 23–24 November ([www.thamesgatewayforum.com](http://www.thamesgatewayforum.com)). There are keynote speeches from David Miliband, Tessa Jowell, Ken Livingstone and John Sorrell and an impressive line-up of participants in 24 separate sessions. These deal with such topics as funding, transport, renewable energy and the impact of the Olympics, but among the most pertinent must be one on *Inspirational Development* and another, linking neatly with Worpole and Orton's book, called *Thames Gateway: Opportunity or Danger?* Speakers at the latter include Nigel Kersey of the CPRE and Jonathan Glancey, another enthusiast for the Thames Estuary as it is. For forthcoming events visit [www.ajplus.co.uk.diary](http://www.ajplus.co.uk.diary)

**THE ARCHITECTS' JOURNAL**  
151 Rosebery Avenue,  
London EC1R 4GB

**Display advertising**  
020 7505 6823  
**Recruitment advertising**  
020 7505 6803/6737  
**Advertising fax number**  
020 7505 6750

**Deadlines**  
Bookings/copy 5pm Monday  
Artwork 12pm Tuesday  
Cancellations 12pm Monday



### Part-time Financial Controller and Business Administrator

required by busy medium sized architectural practice in London. Responsibilities include preparing cash-flow forecasts, budgeting and credit control. Salary and hours by negotiation, approximately 2-3 days per week.

John Lyall Architects,  
13-19 Curtain Road,  
London EC2A 3LT

### JOBS ENQUIRIES

Gemma Knight 020 7505 6737 [gemma.knight@emap.com](mailto:gemma.knight@emap.com)  
[www.ajplus.co.uk/jobs](http://www.ajplus.co.uk/jobs)

### Architect

Sladen Estates Limited are a specialist commercial property developer specialising in industrial and office development in the Midlands and South Yorkshire.

SLADEN ESTATES

The company currently has a development programme in excess of £200 million and is looking to recruit an experienced architect to assist in the company's growth.

The successful candidate will be responsible for site feasibility drawings, individual proposal drawings and the preparation of planning and tender drawings. An ability to produce presentation CGI imagery will be a distinct advantage. You will also be responsible for co-ordinating external architects for schemes on site and ensuring compliance with our in house construction team and external contractors.

A fully expensed company car, competitive salary and bonus package will be provided.

**In the first instance all applications should be in writing to Nick Sladen, Managing Director, Sladen Estates, The Old Mill, 5 Canalside, Kinoulton Road, Cropwell Bishop, Nottingham NG12 3BE with a detailed c.v. and current salary and employment information.**

### ARCHITECTURAL ASSISTANT

David R Yeaman & Associates are looking for an Architectural Assistant to work on Planning and Building Control Applications for Residential, Commercial and Health related projects in a busy and friendly office.

Fluency with AutoCAD and relevant office experience important.

Good opportunity for developing project administration skills and for career growth.

Please apply, enclosing a CV and indication of current salary to:

David Yeaman, David R Yeaman & Associates, Chartered Architects,  
73 Canning Road Harrow, Middlesex, HA3 7SP. Email [architects@drya.co.uk](mailto:architects@drya.co.uk)

### Freelance 3D architectural visualisers



Future Realities are looking for talented freelance 3D architectural visualisers to complement our in-house visualisation team.

Candidates must have a minimum of 3 years professional architectural visualisation experience and a competent understanding of 3D Studio MAX, Photoshop and AutoCAD.

Applicants should email their resume along with Three (3) samples of their best work in .JPG file format to: [recruitment@futurerealities.co.uk](mailto:recruitment@futurerealities.co.uk)



Education Architects and Assistants  
Islington £ Negotiable

One of the UK's leading architectural practices is growing its London office due to several new commissions in the UK, the Far East and the Middle East. Applications are sought from Architects and Assistants with at least 2 years UK work experience who have worked on schools or higher education projects. The practice is seeking both design and technically orientated people. AutoCAD skills are essential.

Ref: 10077

Architect  
Weybridge To £36,000

This small, friendly practice is seeking a job running architect who has 5-8 years post Part III experience and who can lead a small team doing production information on site. The practice has a varied workload of new build offices, industrial projects, residential schemes and refurbishments in the UK. This is a key role within the practice and offers the right candidate significant development opportunities to senior levels.

Ref: 10072

Project Architects & Technicians  
Guildford £25-40,000

This medium sized practice, specialising in commercial, retail and mixed use projects, urgently seeks additional architects and technicians to join their team due to an increase in workload. They currently have exciting commissions all around the UK and seek applicants with excellent technical knowledge, AutoCAD skills and understanding of how buildings are put together. Job running ability for the architects is also important.

Ref: 10067

For information on these roles and for more exciting opportunities please call Nick Ray on 020 8946 5889 or 07765 022090, or send your CV to [nick.ray@opuscareers.co.uk](mailto:nick.ray@opuscareers.co.uk)

Please contact Dave Smith to discuss these and many more exciting jobs on:  
Tel: 01786 812750  
Mobile: 07810 624036  
email: [dave.smith@dgservice.co.uk](mailto:dave.smith@dgservice.co.uk)



### Buckinghamshire Vacancy

Architectural Technician

Vac Ref 0510-009

Permanent

This small, friendly practice has gained such a reputation for high quality work that they need to recruit an experienced Architectural Technician to join them as soon as possible. The work is mainly in the arena of Nursing Homes, although applicants with a background in the Residential sector will be considered. This is an exciting opportunity for a talented Technician to join an expanding firm at an exciting time in their development.

**CMC**  
ARCHITECTS

**SENIOR ARCHITECTURAL  
TECHNOLOGIST**

### To play significant roles in our exciting projects

We are a busy practice with projects ranging in value from £2m to £25m.

CAD experience is essential, Microstation V8 experience an advantage.

Post, Fax or Email your CV to the Directors:

- Gibson House, 57-61 Burleigh Street, Cambridge CB1 1DJ
- Telephone: 01223 312238 ■ Facsimile: 01223 363155
- Email: [mail@cmcarchitects.com](mailto:mail@cmcarchitects.com) ■ Website: [www.cmcarchitects.co.uk](http://www.cmcarchitects.co.uk)



**Just  
Architecture**

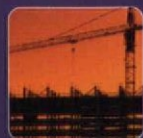
**Tel: 0800 043 6000**  
Email: [register@justarchitecture.com](mailto:register@justarchitecture.com)



**Senior Architectural Technician - London SW15**

**to £38K**

Our client is a small, but highly successful practice which constantly strives to push the boundaries of design, and one which has an enviable reputation for delivering innovative buildings within the Housing Association and Private Residential Markets. They presently seek applications from inspirational leaders to represent and lead its technical team, both internally and externally, taking projects from planning to on-site completion. Leading by example, the successful applicant will coordinate and assist in the production of high quality drawing packages and delivering projects to completion. Good client and consultant liaison skills are essential, as is a high level of AutoCAD literacy. **Ref: 10342**



**Architects/Job Runners - C London**

**to £34K + Bens**

A former practice of the year winner, presently seeks applications from talented, and technically proficient, individuals wishing to join their expanding London office. If successful, you will be working in a vibrant and dynamic environment, on a variety of exciting new education, transport, commercial, residential and mixed-use projects. Ideal applicants will have excellent design development and communication skills, and will have job running experience and/or a sound knowledge of building construction. Knowledge of Microstation, Quark and Photoshop is preferred, though not essential. **Ref: 10332**



**Team Architects & No 2s - London N1**

**to £36K + Bens**

Our client has an enviable reputation for cutting-edge designs and has won more than 50 design awards in the last three years. They presently seek applications from dynamic, career driven Architects wishing to join their practice to work on a range of Science, Health, Education, Workplace, Interior Design and Urban Regeneration projects. To be successful, you will have 3-5 years post Part II project experience working on similar projects, and will have a good understanding of the statutory processes and building construction. You will be a committed team player, who has a 'can-do' attitude towards work, and will have the drive to succeed in this leading practice. Microstation literacy is desirable, but not essential. **Ref: 10341**

For more exciting contract and permanent vacancies, please visit - [www.justarchitecture.com](http://www.justarchitecture.com)



**N·B·A·T**

**INFORMATION ARCHITECT  
(London)**

NBAT is a leading specialist in technical information communication for the construction industry. We work in the fields of technical literature, web, advertising and PR, all with a specific construction focus. We have a long-established track record, providing an unrivalled service to construction product manufacturers and distributors to support product specification.

We require an information architect, or other suitably qualified person, to work alongside NBAT's design and web teams. This is a key role, creating and organising content for technical publications, web pages and multimedia presentations, and writing technical PR.

The successful candidate will hold an architectural or other suitable construction qualification. Thorough knowledge and experience of design and construction are essential, together with good written communication skills.

To apply please contact Alex Knight  
on 01233 653570 or [alex@stsrecruit.com](mailto:alex@stsrecruit.com)



**STS Recruitment. Suite 1, First Floor,  
Henwood Pavilion, Henwood,  
Ashford, Kent. TN24 8DH.**

Fax: 01233 647509



Feel your role  
has been  
over-glamoured?

BBT - The UK's leading  
recruiter finding the right  
role for you!

**Architectural Technician**

**€55,000 + Benefits - Ireland**

Our client is a major player within the Irish Architectural market and as such offer the opportunity to work on a number of high profile projects across the country. You will enter the company as part of a team and progress to a Senior position within a year of joining the firm. Ideally you will have at least 5 years' experience. Excellent salary package including pension, bonus and health insurance.

Naomi Cassidy t. +353 (0) 1 678 9288 e. [ncassidy@bbtireland.com](mailto:ncassidy@bbtireland.com) Ref: NC7893

**Contract Technician**

**£20 Per Hour Ltd - London**

Large Architectural practice is seeking an experienced CAD Technician with 2-3 years' experience and proficiency in using AutoCAD. You will be working mainly on large-scale commercial projects, however this role will also include some retail and residential work. You will need to be well organised, a team player and have good communication skills, as well as a sound understanding of UK building regulations and the construction industry. This is an initial contract of 3 months, which could become long term.

Emma Ellis t. 020 7881 2700 e. [eellis@bbt.co.uk](mailto:eellis@bbt.co.uk) Ref: EE08



**beresford blake thomas**  
global reach · local focus

[www.bbt.co.uk](http://www.bbt.co.uk)



BBT operate as both an Employment Agency and an Employment Business.

**Part III Architect  
Vac Ref: 0510-57**

**Warwickshire**

**Permanent  
£ + Benefits**

My client was established in 1994 and since then has expanded its architectural practice into an integrated services of architect, quantity surveyor, planning supervision and project management for its clientele with projects varying from between £200K and £7million. Reporting to the Project Director, you will probably be 2-5 years post qualification having gained enough experience to now be looking for your next move into a practice that offers you the long-term opportunity, to build a team around you and the potential to reach associate and even further for the right candidate. You will be a confident and strong personality that can lead the client interface with a reliance on your hands-on site experience, understanding of the brief/costs and contract knowledge. You will probably have already had experience as a project architect or job runner and will welcome the opportunity to move across into more account management, client liaison and decision making. My client can in return for your commitment and loyalty offer a generous package.



**RD  
RECRUITMENT  
(RUGBY) LTD**  
Trioka House, East  
Union St, Rugby  
Works CV22 6AJ  
Tel: 01788  
572841  
Fax: 01788  
578609 or  
Email:  
[kim.shreeve@rdrecruitment.co.uk](mailto:kim.shreeve@rdrecruitment.co.uk)

**FEILDEN+MAWSON ARCHITECTS LLP  
ARCHITECTS & TECHNOLOGISTS - London**

Experienced technically-orientated architects (min 3 years+ experience) or technologists with appetite and enthusiasm for working on substantial historic building refurbishments and modification required immediately to join this thriving Practice. Candidates with fluency in Autocad and competency in all aspects of running a project are sought to be part of our friendly dedicated team at our new riverside central London studio.

Please apply with CV and examples of recent work to:  
Paul Rynsard, Feilden+Mawson LLP, 36 Grosvenor Gardens, London SW1W 0EB  
[londonjobs@feildenandmawson.com](mailto:londonjobs@feildenandmawson.com)

[www.feildenandmawson.com](http://www.feildenandmawson.com)

We are an equal opportunities employer.

# Nationwide Architectural Recruitment

**Up to £35,000**

## Job of the week

### Architectural Technician

This leading UK practice is urgently seeking an experienced Architectural Technician to join their Bristol office. Proficient on AutoCAD, you will have at least 5 years experience within the architectural market. Experience within the Residential sector is preferably but not essential.

**Bristol**

**Up to £38,000**

### Architect

This small design led practice based in the heart of Stamford is urgently seeking an experienced Part III Architect to join their team. A chartered Architect; you will have at least 4 years experience and will have a high level of proficiency on AutoCAD. Job Running experience is vital.

**Stamford**

**Up to £30,000**

### Architect

Set in the beautiful countryside of North Wales, this friendly practice is seeking an experienced Architect. The ideal candidate will have at least three years post qualification experience, a high level of proficiency on AutoCAD and strong job running experience.

**Colwyn Bay**

**Up to £25 p/h**

### Architect

This internationally renowned design focused practice based in Manchester is urgently seeking experienced Architects to join their team. Part III qualified, you will have at least 4 years job running experience. Proficiency on Microstation is vital.

**Manchester**

### Architectural Technician

Manchester – Microstation  
To £19p/h

### Architect

Cardiff – AutoCAD  
To £35,000

### Architectural Assistant

Milton Keynes – AutoCAD  
To £28,000

### Project Architect

Leeds – AutoCAD  
To £38,000

### Architect

Manchester – Microstation  
To £38,000

### Architectural Technician

Preston – AutoCAD  
To £30,000

t: 023 8033 4444

e: arch@faststream.co.uk

[www.faststream.co.uk](http://www.faststream.co.uk)

**faststream**  
RECRUITMENT LIMITED

**120+ Nationwide, Contract and Permanent Architectural jobs online**

## COAST&COUNTRY HOUSING

*"providing homes that people choose to live in"*

As one of the largest stand alone Registered Social Landlords in the Tees Valley, Coast & Country Housing currently owns and manages over 11,000 properties.

## Architectural Assistant

**£25,449 - £27,424**

This vacancy will be working within the Asset Management Division of the Company. The key role of this post will be to assist the Investment Manager in delivering the Investment Plan and future major works on the Housing portfolio and related assets.

Reporting directly to the Investment Manager you will be involved in option appraisals and feasibility studies of areas under Neighbourhood Assessments, you will manage schemes from inception to completion on new development and existing Coast and Country properties.

We are looking for an individual who is proficient in Auto Cad and has a thorough knowledge of building construction, with a minimum of 3 years knowledge of a Social Housing regeneration background.

The postholder must have a HNC in Building Studies or equivalent and a City & Guilds in Auto Cad.

**Closing Date: Friday 11th November 2005**

Application packs are available by contacting our 24 hr recruitment line Telephone 01642 771387, E-Mail [recruitment@cchousing.org.uk](mailto:recruitment@cchousing.org.uk)  
Website: [www.cch-online.org.uk](http://www.cch-online.org.uk) or alternatively write to Employee Relations Section, Human Resources, 14 Ennis Square, Dormantown, Redcar, TS10 5JR.

Coast and Country Housing are committed to equality.



### PULMANN ASSOCIATES LIMITED

#### EXPERIENCED TECHNICIAN / TECHNOLOGIST

We are a small but extremely busy practice near Stockport and are looking to expand our team with an experienced, self-motivated Technician / Technologist to work on a variety of projects. You must be able to work on your own initiative within a team structure, have a minimum of 3-5 years post-qualification experience, a working knowledge of the current Building Regulations, and be proficient in producing high-quality detailed construction drawings using AutoCad.

We can offer an attractive remuneration package, commensurate with experience and ability, with good future career prospects to the right candidate.

Replies in confidence with CVs to:

Mr Lew Wright  
Pulmann Associates Limited, Architects

Albert Buildings, 29A Stockport Road,  
MARPLE, Stockport, Cheshire SK6 6BD

Fax: 0161 427 9113 or e-mail: [mail@pulmann.com](mailto:mail@pulmann.com)



## Architect

• London • Essex • Hampshire • Norfolk

This new and dynamic position based in Essex has been developed due to our rapid expansion as we are one of the fastest growing healthcare companies in the UK

The successful applicant will have 3-5 years PQE (RIBA/ARB) gained whilst working on similar projects and should be Part 1 or 2 qualified. The applicants should have the ability to think through problems and sketch them conceptually, and will need to have a sound level of building construction knowledge

**Salary £35,000 - £50,000 + Benefits**

For more information or an application pack please contact the HR department on 0870 411 1133 (option 2) or email [susan@mild-pc.co.uk](mailto:susan@mild-pc.co.uk) Ref no: 2502

## ENTERPRISE RESOURCES

# Townscape Heritage Initiative Project Officer – Temporary

**Montrose House, 154 Montrose Crescent, Hamilton  
£30,384 – £32,720 (Re-advertisement)**

The Douglas Townscape Heritage Initiative (THI) is a programme that seeks to address problems in areas of social and economic need through making grants that encourage partnerships to repair historic properties thereby improving the quality of life in the area. This post has been created to develop and manage the delivery of the Douglas THI programme.

You will be responsible for the management and delivery of the Townscape Heritage Initiative (THI) Douglas and its common funds, with the aim of securing lasting quality physical improvements to the historic and wider built environment of the village.

You must be a Chartered Town Planner, Building Surveyor or Architect, with extensive experience in building conservation and have a sound knowledge of Planning and/or Building Control legislation. You must be educated to degree/diploma level in an appropriate discipline and have full membership of RTPI/RIAS/RICS or equivalent professional body. Experience of administering a grants scheme and implementing project work is desirable, together with the ability to chair working groups and apply project management skills to both individual projects and multi-project programmes.

A self-motivated individual who has a positive, professional and responsible attitude, the ability to use their own initiative and work as part of a team or individually is required. You must also be able to work under pressure whilst adhering to deadlines.

You will have excellent interpersonal, oral and written communication skills and ideally have experience of computer packages.

Although your work base will be Montrose House you will be expected to operate from Lanark or Douglas as required.

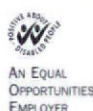
The ability to travel to various locations throughout South Lanarkshire is essential.

This post is jointly funded by Heritage Lottery Fund and South Lanarkshire Council and is temporary for 2 years.

Applications will be considered from those not wishing to work full time hours.  
**Ref: ER/PBC/10/2005**

**For a recruitment pack contact: Enterprise Resources, Estates & Support Services, Montrose House, 154 Montrose Crescent, Hamilton, ML3 6LB. Telephone 01698 455197/454732 or e-mail enterprise.personnel@southlanarkshire.gov.uk**

**Closing date: 4 November 2005**



COUNCIL OFFICES, ALMADA STREET, HAMILTON, SOUTH LANARKSHIRE ML3 0AA

## BroadwayMalyan

At the forefront of European  
architecture and integrated design

## International Appointment - Warsaw

Senior Architect / Associate

We are keen to identify a Senior Architect who has Business Development skills to develop new opportunities within Central Eastern Europe, focused on Poland, including Russia.

Preferably a Polish national, the ideal candidate would be prepared to relocate to Warsaw and would be looking to advance his / her career within an International Design Practice.

We are looking for someone with all or some of the following attributes.

- A good communicator
- Good design skills
- Someone able and willing to undertake Business Development with back up from the Practice. This might entail not only finding new opportunities within Poland but also elsewhere in Eastern Europe
- Polish registered architect
- Fluent Polish language skills, written and spoken
- International / UK experience and knowledge of UK or Polish building codes
- A realist with an optimistic outlook
- Someone ambitious to grow with the office in Warsaw and more generally with our work in Central and Eastern Europe
- Be based in Warsaw

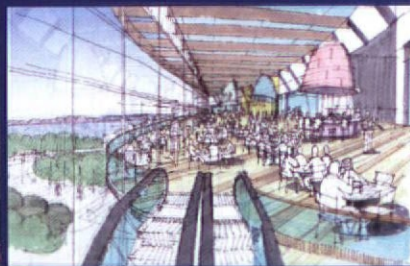
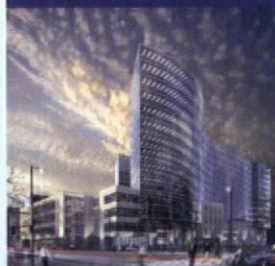
If you are looking for a new challenge and would revel in using your skills with a large architectural design practice and are looking for a senior management role then we would very much like to hear from you.

**Interested in finding out more?**

Contact me Tim Gilbert, H. R. Manager on 01932 845599 or send your CV to: t.gilbert@broadwaymalyan.com or by post to: Tim Gilbert, Broadway Malyan Ltd, 3 Weybridge Business Park, Addlestone Road, Weybridge KT15 2BW. Please view our website for further information on Broadway Malyan.

**www.broadwaymalyan.com/recruitment**

Broadway Malyan is an equal opportunities employer



Weybridge London Manchester Reading Southampton Edinburgh Lisbon Madrid Warsaw

## CA ARCHITECTURAL RECRUITMENT CONSULTANTS

### SOUTH MANCHESTER

Architect - South Manchester £Excellent

Working from excellent offices, based just outside the Manchester periphery, you will be joining an office of over 70, working on some top class schemes. Ideally with 3 years PP3 experience and AutoCAD literate, you will be seeking a fresh challenge in a stimulating and rewarding environment, where your views really count. This really is a genuine career opportunity.

For this and a range of other opportunities please visit our new website at **WWW.CHAMBERLAINASSOCIATES.CO.UK**

To discuss this and a wide choice of other vacancies, please call  
Andy Chamberlain on 01925 423644



T. 01925 423644 F. 01925 423645  
E-mail: info@ca-uk.co.uk  
Website: www.ca-uk.co.uk

## WALLER & PARTNERS

architects, interior designers & project managers

## ARCHITECT / TECHNOLOGIST

### West Yorkshire

We are a small to medium sized, well established practice based in Bradford. We are looking for an enthusiastic and self motivated Architect / Technologist to work on a variety of commercial, residential and health projects.

Relevant experience, good constructional knowledge and CAD skills essential. Competitive salary and flexible working in friendly non-smoking office. Good long term prospects for the right candidate.

Write with CV and examples of work to: WALLER & PARTNERS  
Lindum Lodge 311 Manningham Lane BRADFORD BD8 7NA  
or email kirstycahill@wparch.net

# AJ NET DIRECTORY

**Architects-online.co.uk**  
the world's leading architectural job site

**AJ** [www.ajplus.co.uk](http://www.ajplus.co.uk)

**careers**  
in construction  
[www.careersinconstruction.com](http://www.careersinconstruction.com)

**dq** [www.dgservice.co.uk](http://www.dgservice.co.uk)

**faststream** [www.faststream.co.uk](http://www.faststream.co.uk)

**JUST** [www.justarchitecture.com](http://www.justarchitecture.com)  
Architecture

**opus**  
CAREER MANAGEMENT  
[www.opuscareers.co.uk](http://www.opuscareers.co.uk)

**protecharchitecture.co.uk**  
0845 230 7760

**www.riba-jobs.com**

Architectural Vacancies  
**SIV**  
[www.siv.co.uk](http://www.siv.co.uk)

For  
Advertising  
Enquiries  
Please Contact:  
Gemma Knight  
0207 505 6737  
Email:  
[gemma.knight@emap.com](mailto:gemma.knight@emap.com)

## Recruitment Agency of the Royal Institute of British Architects

### Architects, Experienced Part 2 Assistants and Technicians - Old Street

Looking for immediately available staff on a contract basis until Christmas. This successful practice works on the City's largest and most prestigious office fit-out schemes. Candidates will need to be technically strong with experience of AutoCAD. As this is a busy practice the positions may last longer than the first few months. Competitive salaries are on offer. **JOB REF 0782**

### Experienced Architect - Covent Garden

Working for an award winning practice on retail and leisure projects. This vacancy requires that candidates have experience of running large commercial projects, not necessarily retail as the practice is happy to share its expertise of this sector. This practice offers their staff good solid experience, responsibility and competitive salaries. **JOB REF 0747**

To register for these and a wide selection of other vacancies please send your CV to the e-mail address below.

**RIBA**

# Appointments

[appointments@riba-enterprises.com](mailto:appointments@riba-enterprises.com) [www.riba-jobs.com](http://www.riba-jobs.com) 020 7496 8371



RICHARD BRYANT / ARCAD.CO.UK

Farrells are seeking Senior Architects, Urban Designers, and Assistants to work on a variety of new and exciting high profile projects throughout Britain, including arts, cultural, residential and commercial buildings and masterplans.

Successful candidates will have the opportunity to develop design concepts through to completed buildings.

Please write with your CV to:  
Drew Nelles  
FARRELLS  
7 Hatton Street London NW8 8PL  
Fax: 020 7723 7059  
email: [recruitment@terryfarrell.co.uk](mailto:recruitment@terryfarrell.co.uk)

**FARRELLS**

### SENIOR ARCHITECT (MANCHESTER)

A senior architect is required to work within a multi-disciplinary consulting engineering company based in Manchester. The ideal candidate will have good experience formulating and developing design concepts in the industrial/retail sector and providing best value solutions. The role requires a hands on pragmatic approach, excellent communication skills and a minimum of ten years experience. Chartered status is not a prerequisite.

Please reply in confidence to:

Paul McCarthy  
Keystone Associates  
42 The Waterfront  
Exchange Quay  
Salford Quays  
Manchester  
M5 3EQ  
[paul@keystoneuk.co.uk](mailto:paul@keystoneuk.co.uk)

## SIPSON GRAY

Hampshire

### Architects, Assistants and Technicians

With proven design/construction skills  
AutoCad skills essential.  
Join our expanding studio working on exciting commercial and residential projects.  
We offer a friendly working environment and a competitive salary.  
Send CV and examples of work to:

Marco Polisano, Sipson Gray Limited,  
Campbell House 294 High Street, Aldershot,  
Hampshire, GU12 4LT

Email - [studio@sipsongray.co.uk](mailto:studio@sipsongray.co.uk)

## BLUSTIN HEATH DESIGN

We are a small yet dynamic multi disciplinary practice working on architecture, interiors and exhibition design projects.

We are looking for an individual with their Part 2 and some previous experience who enjoys plenty of diversity, getting involved in all aspects of running an office and a variety of work.

Other attributes we are looking for include :  
- knowledge in sustainable design  
- excellent communication skills  
- CAD : Vectorworks with 3d, graphic skills  
- good designer  
- methodical and motivated  
- with a personality!

Please send CV to Nikki or Oliver @  
14 Bacon Street, London E1 6LF  
or email : [contact@blustinheathdesign.com](mailto:contact@blustinheathdesign.com)

**AJ**

To advertise here please  
contact  
Gemma Knight on:  
020 7505 6737

Email:  
[gemma.knight@emap.com](mailto:gemma.knight@emap.com)



THE OLD MILL CASTLE STREET ONGAR ESSEX CM5 9JY  
TELEPHONE 01277 363570 FACSIMILE 01277 368010  
Direct Line: 01277 368001  
E-MAIL: cheryl@designcoalition.demon.co.uk

Architectural and Interior Design Practice require an experienced Architect / Project Administrator to manage new construction development sites for the Pub / Hotel Leisure Sector.

Salary negotiable.

Please send CV's to: Chas Prance, Director, Design Coalition Company Ltd, The Old Mill, Castle Street, Chipping Ongar, Essex CM5 9JY

Or e-mail to cheryl@designcoalition.demon.co.uk  
clearly marked Architect Vacancy

### andy martin associates

Fully qualified Architect required with 3-5 years post part 3 experience. We are a young, creative practice carrying out both commercial and private work. The successful candidate will have experience of running projects, have excellent knowledge of building and construction regulations, be confident in the composition of construction drawings and detailing, and have experience of working within top-end restaurant and bar sector. Design flair is also a must. Immediate availability preferred.

Interested applicants should apply in writing to

Tom Davies, Andy Martin Associates, 8a All Saints Road, London W11 1HH  
e tom@andymartinassociates.com

### HASSELL

**Architects - Aviation  
- Commercial High Rise**

### AUSTRALIA

HASSELL is a leading international, multi-disciplinary design and planning practice.

Our ongoing growth in the aviation and commercial office sectors requires the addition of specialist architects to join our large and very successful team in Sydney. We are looking for Part III Architects and Graduates of Architecture with 5+ years experience who have a strong track record in contributing to leading edge outcomes.

The successful candidates will be experienced in quality documentation, have strong design development skills and technical expertise in the aviation or commercial office sector, as well as being enthusiastic and committed to working collaboratively in a team environment. You must also be willing to travel for exciting projects in the Asia Pacific.

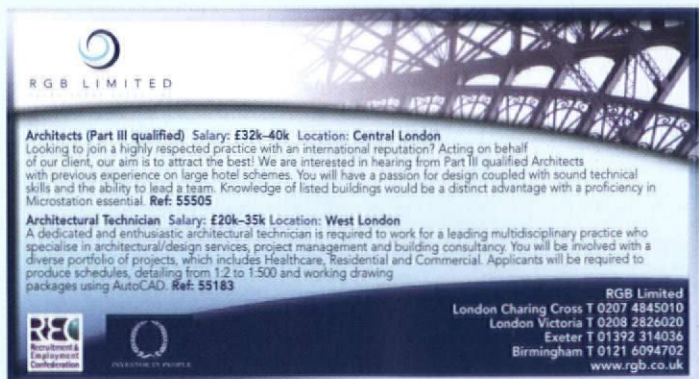
For further details visit our website [www.HASSELL.com.au](http://www.HASSELL.com.au).  
Applications should be sent to

e: sydneyhr@HASSELL.com.au  
f: +61 2 9273 2455

### BUSINESS OPPORTUNITIES

Award winning Architectural Practice based in South of England but working nationally with outstanding reputation in creative design and conservation seeking merger or sale. Good forward workload, highly skilled staff and well-located attractive offices.

Enquiries please to Box Number. 3215,  
151 Rosebery Avenue,  
London, EC1R 4GB



**Architects (Part III qualified) Salary: £32k-40k Location: Central London**  
Looking to join a highly respected practice with an international reputation? Acting on behalf of our client, our aim is to attract the best! We are interested in hearing from Part III qualified Architects with previous experience on large hotel schemes. You will have a passion for design coupled with sound technical skills and the ability to lead a team. Knowledge of listed buildings would be a distinct advantage with a proficiency in Microstation essential. Ref: 55505

**Architectural Technician Salary: £20k-35k Location: West London**  
A dedicated and enthusiastic architectural technician is required to work for a leading multidisciplinary practice who specialise in architectural/design services, project management and building consultancy. You will be involved with a diverse portfolio of projects, which includes Healthcare, Residential and Commercial. Applicants will be required to produce schedules, detailing from 1:2 to 1:500 and working drawing packages using AutoCAD. Ref: 55183

RGB Limited  
London Charing Cross T 0207 4845010  
London Victoria T 0208 2826020  
Exeter T 01392 314036  
Birmingham T 0121 6094702  
[www.rgb.co.uk](http://www.rgb.co.uk)

### EXPRESSIONS OF INTEREST



#### Expressions of Interest

Applications are invited from Architectural and / or multi-disciplined Practices wishing to provide professional services by "competition" for the following projects:

#### Phase 2 Development of Sports Facilities at West Glebe Park -

Construction of a new 8 changing room Sports Pavilion, car park, access road and associated demolition / site works.

Estimate: £1.5m

Start: Early 2006

Completion: Autumn 2006

Services: RIBA Work Stages E to L

#### Refurbishment & Extension of Rockingham Triangle Stadium -

Refurbishment of existing facilities beneath a 996 seat Stand inc. Boardroom, public toilets, changing rooms, etc.

Construction of an extension to the Stand to accommodate additional facilities, such as Function Room, Bar, Fitness Room, Press Box, additional storage, etc.

Estimate: up to £1m

Start: 2006

Completion: 2007

Services: RIBA Work Stages A to L

#### Provision of a Community Facility at Oakley Vale -

Construction of a new Community Facility, football changing rooms, play area and vehicular access.

Estimate: £1.1m

Start: 2006

Completion: 2007

Services: Public Consultation / Traffic Impact Assessment / Road Safety Audit / Flood Risk Assessment / RIBA Work Stages A to L

Applications should be submitted in writing to the Technical Services Manager, Corby Borough Council, Deene House, New Post Office Square, Corby, Northants, NN17 1GD by Friday 11th November 2005.

Applicants should state for which project(s) they are applying.

Upon receipt, applicants will be issued with a pre-Qualification Questionnaire for completion.

For further details, please contact Gareth Davis on 01536 464111

### COURSES

## AutoCAD Courses

- Personal Tuition: the fast way to learn
- Courses tailored to your requirements
- Training by experienced CAD architect
- Daytime or evening courses available
- 2-D & 3-D AutoCAD drawing service
- Central London location

020 7266 2506, 0791 5652057 [dp\\_arch@yahoo.com](mailto:dp_arch@yahoo.com)

## CAD Training Service

**MODEL MAKERS**

**form**  
modelmakers

020 7620 1020    [www.formcreations.com](http://www.formcreations.com)

**tpa**  
Modelmakers

For all enquiries please call Wesley or John 01892 835051  
Tonbridge Kent  
[tpamodelmakers.com](mailto:tpamodelmakers.com)  
Email: [creativity@tpamodels.freemove.co.uk](mailto:creativity@tpamodels.freemove.co.uk)

**BUSINESS OPPORTUNITIES**

Where to go to find out more about mastic asphalt...

[www.masticasphaltcouncil.co.uk](http://www.masticasphaltcouncil.co.uk)

**mac**  
Mastic Asphalt Council

PO Box 77, Hastings, East Sussex TN35 4WL  
Tel: 01424 814400 Fax: 01424 814446 E-mail: [masphaltco@aol.com](mailto:masphaltco@aol.com)

**Penny for them...**  
(actually it could be millions)

If you are aware of a possible development site, we want to hear from you. Acorn Homes, as part of their new MYSPACE initiative, is looking to instruct new architects on innovative sites, both residential and commercial. Essentially, if you know of either a site or an area, which you feel has potential, Acorn Homes will pay you both a site finder's fee and guarantee you instruction for any proposed scheme.

Contact John or Melanie on 020 8341 2222  
or visit [www.acorn-homes.co.uk/myspace](http://www.acorn-homes.co.uk/myspace)

YOUR VISION, OUR KNOW HOW

MS1QAJ

MY SPACE

**CLASSIFIED ENQUIRIES**

Gemma Cook: T 020 7505 6816 F 020 7505 6750  
[gemma.cook@emap.com](mailto:gemma.cook@emap.com)

**MODEL MAKERS**

**MC MODELMAKING**

ARCHITECTURAL MODELS

**01634 818539**  
[www.mcmodelmaking.co.uk](http://www.mcmodelmaking.co.uk)

**ADCA**  
All types of models

A.D.A.D.  
Atmospheric perspective illustration    Professional architectural photography

Go to: [www.antonymdesign.co.uk](http://www.antonymdesign.co.uk)  
Or tel: 01491 574350

**AJ**

To advertise here please contact Gemma Cook on: 020 7505 6816  
Email: [gemma.cook@emap.com](mailto:gemma.cook@emap.com)

**ARCHITECTURAL MODELMAKERS**

**elfin**  
presentations

191-205 Cambridge Heath Road London E2 0EL  
Tel: (020) 7729 6744 Fax: (020) 7729 9318  
[www.elfinpresentations.co.uk](http://www.elfinpresentations.co.uk)

**BULLFROG MODELS LTD**

Contact  
STAN AUBERTIN

20b Tower Workshops  
58 Riley Road, London SE1 3DG  
Telephone: 020 7394 7866  
Facsimile: 020 7394 6798

**FLIC MODELS**

Architectural Modelmakers

t: 020 7377 6127  
f: 020 7377 6129  
e: [workshop@flicmodels.com](mailto:workshop@flicmodels.com)  
w: [www.flicmodels.com](http://www.flicmodels.com)

## MODEL MAKERS

**KANDOR**  
KANDOR MODELMAKERS



Tel 020 7251 6366  
Fax 020 7608 3356  
email: [kandor@kandormodels.com](mailto:kandor@kandormodels.com)  
[www.kandormodels.com](http://www.kandormodels.com)

01344876776

**THORP**

[www.atamltd.com](http://www.atamltd.com)



modelmakers

# PIPERS

Concept | Planning | Marketing

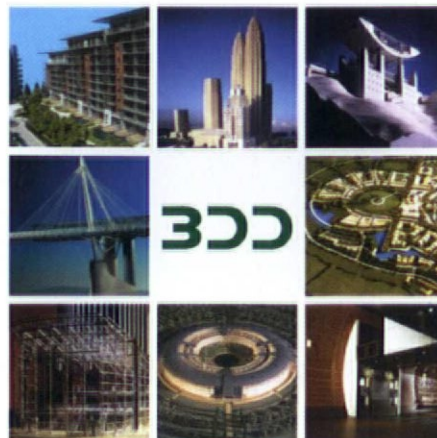
For all your modelmaking requirements,  
contact Nick McKeogh.

27-35 Beviden St  
London N1 6BH

Tel 020 7250 0530  
Fax 020 7251 0134  
Email [studio@pipers.co.uk](mailto:studio@pipers.co.uk)

[www.pipers.co.uk](http://www.pipers.co.uk)

## MODELMAKERS



t: 020 7739 7933

f: 020 7739 7195

[3dd.co.uk](http://3dd.co.uk)

**CAPITAL**  
MODELS



- full detail models
- quick study models
- alterations & repairs

Robert Danton-Rees  
**020 7729 8660**

[info@capitalmodels.co.uk](mailto:info@capitalmodels.co.uk)  
[www.capitalmodels.co.uk](http://www.capitalmodels.co.uk)

studio 8, the hangar, perseverance works, 38 kingsland road, london E2

# COMBER

**MODELMAKERS Tel: 020 8533 6592**

LONDON

• INVERNESS



E mail: [models@combermodels.demon.co.uk](mailto:models@combermodels.demon.co.uk)  
**QUALITY • SPEED • RELIABILITY**

## 3D COMPUTER VISUALISATION



### Uniform

+44 (0) 151 709 9055  
info@uniform.net  
www.uniform.net

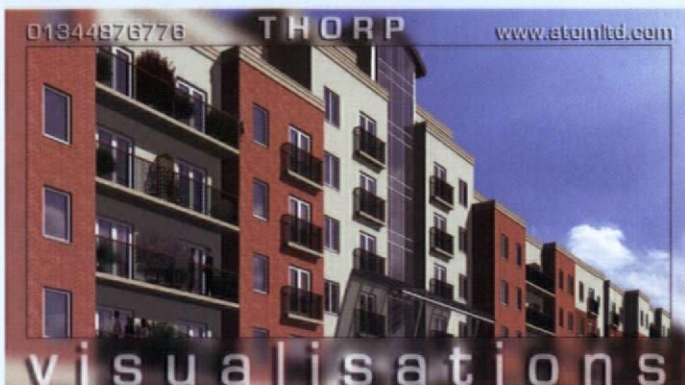
Featured Project:  
West Tower  
Architect:  
Aedas



**designhive**  
visualisation & animation

Phone 01483 422 070  
Fax 01483 422 786  
info@designhive.co.uk  
www.designhive.co.uk

The Grand Magazine. Client: Saville Jones Architects



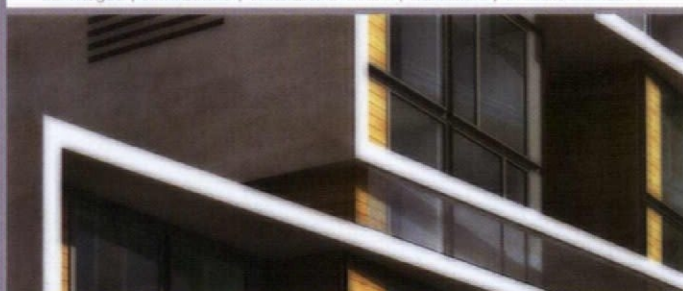
01344 676776

THORP

www.etomltd.com

visualisations

3D Images | Animations | Interactive DVD's | CDROM's | Printed literature



3D Architectural Advertising by  
Glass Canvas Productions Ltd

View more:  
www.glass-canvas.co.uk

020 7234 5910  
request@glass-canvas.co.uk

glass canvas

animation — photomontage — visualisation — multimedia



**VISUAL EYES**

please call or email us at info@visual-eyes-media.co.uk for further details  
www.visual-eyes-media.co.uk 020 7613 1777



www.3dcom.co.uk  
3dg@3dcom.co.uk  
01274 634130



the digital image co.

t 020 7613 5530 www.thedigitalimageco.com



**cpmgraphics**  
SUPERIOR QUALITY GRAPHIC COMMUNICATIONS

**3d visualisation**

www.cpmgraphics.co.uk  
graphics@cpm-uk.co.uk  
01285 750555



**VIVA**  
DIGITAL MEDIA PRODUCTIONS

www.vivadigitalmedia.co.uk  
Tel 06600 437696  
studio@vivadigitalmedia.co.uk



To advertise here please  
contact

Gemma Cook on:

020 7505 6816

Email:

gemma.cook@emap.com

## SURVEYORS

# PLANS-SECTIONS-ELEVATIONS

the only professional survey practice specialising in measured building surveys for over 35 years

**Michael Gallie & Partners**  
Chartered Measured Building Surveyors

1 New Concordia Wharf, Mill Street,  
London SE1 2BB [www.michaelgallie.co.uk](http://www.michaelgallie.co.uk)  
T: 020-7394-1111 F: 020-7394-2499



## XYZ Surveys

Digitally mapping the Landscape

- Topographical Surveys
- Measured Building Surveys
- Engineering Surveys
- Utility Surveys

Head Office T 020 8255 4550 F 020 8255 4551  
London Office T 020 7580 8200

Email [surveyors@xyzsurveys.co.uk](mailto:surveyors@xyzsurveys.co.uk)  
Fast Free Quotation Service

### 360design (UK)

Measured Building Surveys

Laser measured building surveys, commercial properties our speciality.

North +44 (0) 1484 543 198

+44 (0) 7770 987 257

South +44 (0) 1582 882 993

+44 (0) 7798 687190

[enquiries@360designuk.com](mailto:enquiries@360designuk.com)

[www.360designuk.com](http://www.360designuk.com)



measured land and building surveys

the true measure of excellence

t 020 8543 8884

e [info@callidussurveys.co.uk](mailto:info@callidussurveys.co.uk)

f 020 8543 6664

w [www.callidussurveys.co.uk](http://www.callidussurveys.co.uk)

## apr services

+44(0) 208 447 8255

land & measured building surveys  
laser scanning & visualisation

[mail@aprservices.net](mailto:mail@aprservices.net)  
[www.aprservices.net](http://www.aprservices.net)



POINTTOOLS VIEW

pointcloud & model viewer [www.pointtools.com](http://www.pointtools.com)

## SHELTERS, CANOPIES & WALKWAYS



**NATIONWIDE**  
Bus Stops & Shelters  
Canopies & Walkways  
Display & Signage

[www.trueform.co.uk](http://www.trueform.co.uk)  
T: 020 8561 4959  
F: 020 8848 1397  
[sales@trueform.co.uk](mailto:sales@trueform.co.uk)

**trueform**  
industry leading solutions



Land & Measured Building Surveys  
Established over 12 years

- Measured Building Surveys
- Setting Out
- Topographical Surveys
- GPS Surveys

208 Blythe Road,  
Hammersmith, London.  
W14 0HH

Tel: 020 7610 4132

Fax: 020 7610 4142

[info@metroplans.com](mailto:info@metroplans.com)

[www.metroplans.com](http://www.metroplans.com)

## KINGS

Land and Architectural Surveyors

YOUR CHOICE FOR ALL YOUR SURVEY NEEDS

Specialising in

**Topographical Surveys** – For large and small scale surveys using the latest high accuracy robotic instrumentation and G.P.S.

**Architectural Surveys** – For plans and elevations using SurBuild building survey software on pen map hand held computers

**Utility Surveys** – For drainage and location of all underground utility services.

**Photogrammetry** – For accurate 3D models of building facades, pipe works and areas of difficult access

Kingsland Surveyors Limited

Bridge Chambers

Bridge Street

Leatherhead

Surrey KT22 8BN

Tel. 01372 362059

Fax. 01372 363059

e-mail - [mail@kingslandsurveyors.co.uk](mailto:mail@kingslandsurveyors.co.uk)

website - [www.kingslandsurveyors.co.uk](http://www.kingslandsurveyors.co.uk)



## PERSPECTIVES

**DAVID HOARE**  
ARCHITECTURAL ILLUSTRATOR



HAND DRAWN

-PERSPECTIVES

TEL/FAX 020 8852 7508

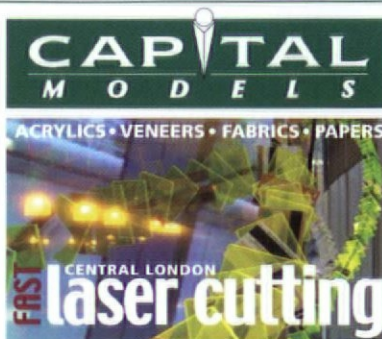
**GERALD GREEN**  
PROFESSIONAL PERSPECTIVES



Tel/Fax: 024 7632 5059

[www.gqarts.demon.co.uk](http://www.gqarts.demon.co.uk)

## LASER CUTTING SERVICES



large flatbed  
laser cutters  
cut & engrave

Robert Danton-Rees

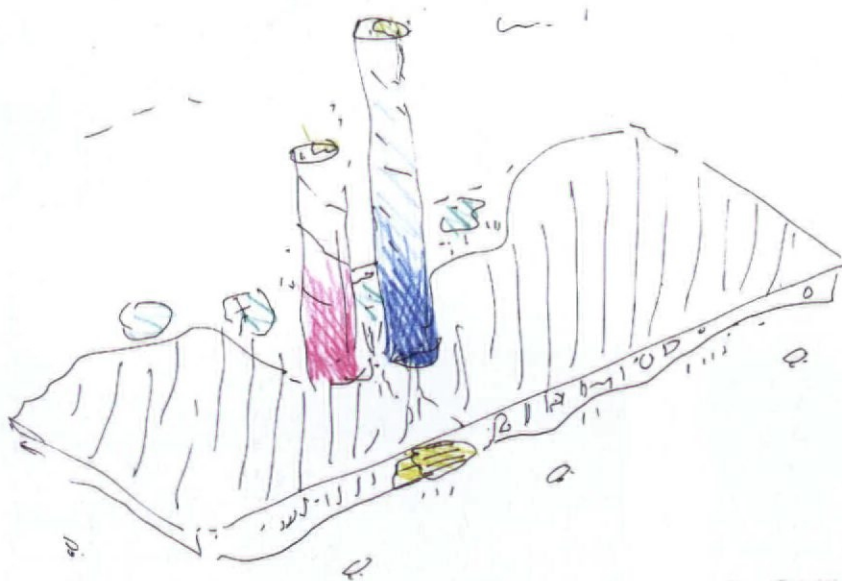
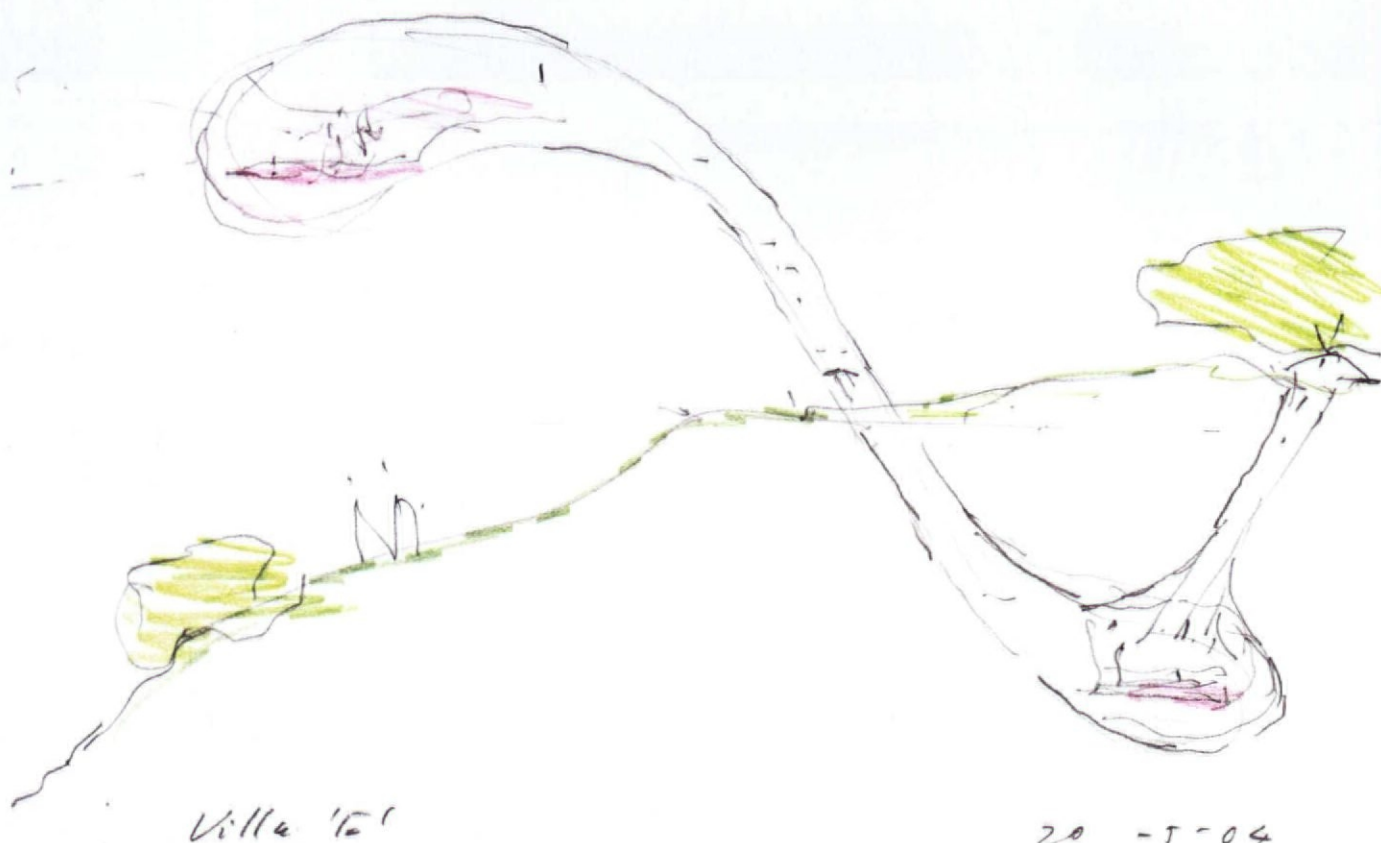
020 7729 8660

[info@capitalmodels.co.uk](mailto:info@capitalmodels.co.uk)

[www.capitalmodels.co.uk](http://www.capitalmodels.co.uk)

**laser cutting service**

studio 8, the hangar, perseverance works, 38 kingsland road, london E2



Design for a villa (top) and early concept sketch for Rouen Library.  
By Jan Kaplicky of Future Systems

Respond to these panels at [www.ajplus.co.uk/ajdirect](http://www.ajplus.co.uk/ajdirect)

Readers may also obtain information about these products by filling in the enquiry numbers on an AJ enquiry card. Advertisers wishing to promote their products on these pages should contact Gemma Cook on 020 7505 6816

## EUROHEAT



### AJ ENQUIRY 201

Euroheat's new Harmony brochure has been redesigned to contain all Harmony models and fuel types, making one easy source for selection. The new consolidated format coincides with the recent expansion of the range, which includes advanced controls, log-effect gas stoves and a new numbering system.

## ASH & LACY



### AJ ENQUIRY 202

Ash & Lacy Building Systems, specialist in architectural cladding and fabrications, has supplied its Ashtech architectural wall panels and Ashfab bullnoses to a refurbishment scheme in Sale, Cheshire. Valent Roofing used the panels to create symmetry and sophistication.

## REYNAERS



### AJ ENQUIRY 203

Reynaers CW86 curtain wall system was selected for use on the Canyon Project in Istanbul. The criteria and tests imposed on the project were extremely stringent and seismic tests confirmed that the Canyon project could withstand the strongest expected earthquake with 20 per cent to spare.

## SWS



### AJ ENQUIRY 204

The Oslo range of windows and entrance doors has been supplied by Scandinavian Window Systems alongside Olsen lift-and-slide doors as well as Sunflex folding sliding doors at Lanterns Early Years Centre for Hampshire County Council. Mowlem was the main contractor.

## LUXCRETE



### AJ ENQUIRY 205

Glazed pedestrian bridges by Luxcrete have been incorporated in the UK's largest recently completed water feature as part of a domestic development at Eastbourne's marina and harbour complex. More than 310m long, the waterway is part of the largest promenade built since Victorian times.

## KEIM MINERAL PAINTS



### AJ ENQUIRY 206

Keim Mineral Paints were widely specified for the Stirling Prize-winning Scottish Parliament building. Keim Granital was used on concrete and blockwork, Keim Lotexan and Keim Ecotect provide water-repellent surfaces and Keim Concretal Lasur colourwash was used to unify the appearance.

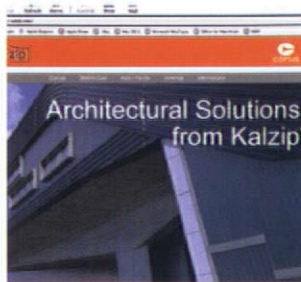
## PFLEIDERER



### AJ ENQUIRY 207

Pfleiderer Industrie has launched a new worktop collection that is specific to the UK and gives designers and users effects that will complement kitchens from mainstream manufacturers. Twenty new decors, including bamboo, slate, granite and marble, have been introduced.

## CORUS KALZIP



### AJ ENQUIRY 208

Kalzip has launched a new and improved website, offering architects and specifiers clear and easy access to all the latest project and product news, technical information and company literature. The website, designed for ease of use and quick navigation, can be seen at [www.kalzip.com](http://www.kalzip.com)

98% iron 2% carbon 100% economy



corus

ENQUIRY 12 ON CARD  
[WWW.AJPLUS.CO.UK/AJDIRECT](http://WWW.AJPLUS.CO.UK/AJDIRECT)

