

PRESIDENT'S **MEDALS** 









THE ARCHITECTS' JOURNAL WWW. AJPLUS.CO.UK

## **NSSPlus**

A few in your specification could cause confusion Using the wrong a clause might SIL ays, inaccurate or worse. lus you can t you specify and suitable for the purpose intended.



Subscribers to the NBS specification products NBS Building, NBS Engineering Services, NBS Landscape and NBS Scheduler all have access to NBS Plus, a library of manufacturers' product information readily available to drag and drop into a specification.

For further information on how NBS Plus can help you avoid specification slip ups, visit www.theNBS.com/nbsplus

Magazine of the Year Best-Designed B2B Magazine Redesign/Relaunch of the Year Magazine Design Awards 2005

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

Editorial enquiries Angela Newton/Anna Robertson 020 7505 6700 Editorial fax 020 7505 6701 Email firstname surname@emap.com

Editor News editor Ed Dorrell (020 7505 6715) Senior reporter / Northern correspondent Richard Waite (07918 650875) Reporter Richard Vaughan (020 7505 6770) Working details editor Susan Dawson (015242 21692) Reviews editor Andrew Mead (020 7505 6717) Technical editor Hattie Hartman (020 7505 6711) Art editor Sarah Douglas (020 7505 6705) Assistant art editor Eriko Shimazaki (020 7505 6704) Chief sub-editor Angus Montgomery (020 7505 6708) Editorial assistant James Pallister (020 7505 6713) Editor, AJ Specification / Online Ruth Slavid (020 7505 6703)
Assistant editor, AJ Specification Will Hunter (020 7505 6716) Managing editor online Barrie Evans (020 7505 8609) Marketing executive Tara Ryan (020 7505 6745) **Publishing director** Jonathan Stock (020 7505 6744) Managing director Ben Greenish (020 7505 6827)

Regional sales managers
Samuel Lau (020 7505 6746)
Katie Deer (020 7505 6746)
Account manager
Brad Davies (020 7505 6706)
Telesales manager
Lucy Herdsman (020 7505 6873)
Account executive
Ben Maslen (020 7505 6662)
Group sales manager
Midge Myatt (01902 851645)
Commercial manager
Malcolm Perryman (020 7505 6698)
Business development manager
Toby Redington (020 7505 6634)
Recruitment
Laura Tilling (020 7505 6803)
Terry Roll (020 7505 6737)
Advertisement production
Sarah Mieny (020 7505 6741)

Back issues: 01344 328 000

#### emap communications

The Architects' Journal is registered as a newspaper at the Post Office. \$2006. Published by Emap Construct, a part of Emap Communications Ltd. Printed in the UK by Headley Brothers Ltd. Origination and colour reproduction by Wyndeham Graphics London

## THE PROMISED THOROUGH PLANNING OVERHAUL HAS NEVER BEEN DELIVERED

By Ed Dorrell

'The planning system is under immense pressure.' Nothing new there. 'It gets in the way of economic development.' Heard it before. 'It is in desperate need of reform.' Same again. 'It should be more streamlined.' Ditto.

Proposing root-and-branch reforms to the planning system is about as radical as suggesting life could be made a bit easier for architecture's small practitioners.

When Kate Barker finally released her long-awaited review of the planning regime on Tuesday (ajplus 05.12.06) it brought on a long metaphorical yawn. Was there anything genuinely new in what she had recommended to prime minister-in-waiting Gordon Brown? And would it actually be forced through?

Planning reform has been on this government's agenda ever since it was first elected, and even though changes have been forthcoming almost monthly, there has been no sense of the promised thorough overhaul. Architects and their clients still suffer almost exactly the same problems they did 10 years ago.

Make no mistake, Barker has been thorough. She's taken a magnifying glass to the planning system and analysed it in a way only a career economist would. She believes it is far too slow and meddles in too many unimportant projects.

Efficiency must be improved, involvement in small-scale schemes pared back and developers and architects left with a system that is more responsive, proactive and sympathetic.

The proof of the pudding, however, rests with Brown. When he makes the inevitable move to Number 10, will he have the guts to put planning reform at the top of his agenda? And will he stick with the changes needed despite the inevitable temptation to water them down?

Even if the proposed reorganisation isn't hugely new, Barker has once again reiterated the key role planning holds in this country's future well-being. Let's hope Brown is listening.

#### **CONTRIBUTORS**



Austin Williams, who wrote and illustrated the NBS Shortcut about trees on pages 44-46, is the author of NBS Shortcuts and the director of the Future Cities Project

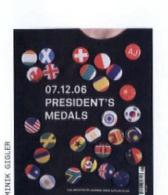


Ian Wright, who created the badges for this week's cover, has been an image maker since 1978, working with clients such as Issey Miyake and the British Museum



Dominik Gigler, who photographed the judging for the President's Medals feature on pages 21-42, is a photographer whose clients include Vogue and the Wire magazine

#### CONTENTS



P. 21 PRESIDENT'S MEDALS



P.14 NIALL MCLAUGHLIN



P.53 WOOD HOUSES

#### **NEWS**

## Weekly digest/online news

\_

Carey Jones leaves Northern Ballet scheme after seven years' design work

14 – 15 Trinity inspires *Niall McLaughlin*'s new church in south London

#### **AGENDA**

#### 10 - 11

James Gorst is to build what may be the first rural estate designed as a single project since before the First World War

#### 12 - 13

Tower Hamlets Council turns down Feilden Clegg Bradley's radical plans for a 'supportive housing' development in the East End

## PRESIDENT'S MEDALS

#### 21 - 42

The winners of this year's RIBA awards for architecture students

## TECHNICAL & PRACTICE

#### 43

Update

#### 44 - 46

NBS Shortcuts: the effects of nearby trees on building design

#### 48

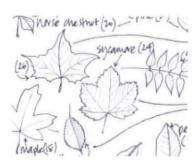
Planning

#### 50

Legal/Webwatch



P.66 IAN WRIGHT



P. 44 TREES

#### SUBSCRIBE

- ·Go to www.ajplus.co.uk/subssignup;
- · Call 0870 830 4959; or
- · Email aj@subscription.co.uk
- A £129 subscription (students £89) includes:
- The AJ every Thursday;
- · AJ Specification every month;
- Access to www.ajplus.co.uk and www.ajspecification.com;
- · Six breaking stories in a daily email alert



P.54 SAUERBRUCH HUTTON

#### **REVIEWS**

### Ruth Slavid's Wood Houses

The work of Sauerbruch Hutton

**55** Critic's choice

#### **REGULARS**

#### 16

Astragal and Hellman

#### 18

Letters

#### 66

Sketchbook: Ian Wright

#### **JOBS & CLASSIFIED**

#### 57

Top five jobs:

- IID Architects project architect
- Wilkinson Eyre Architects site architect
- Gelder and Kitchen architect
- University of Strathclyde professor of architecture
- McLundie Architects project architects

#### 63

Classified advertising

#### AJPLUS.CO.UK

- In-depth guidance on wind energy at www.ajplus.co.uk/ sustainability/renewables
- Daily breaking news at www.ajplus.co.uk/news
- More than 550 buildings at www.ajspecification.com
- Competitions at www. ajplus.co.uk/awardscomps
- More than 70 events at www.ajplus.co.uk/diary
- The latest jobs at www.ajplus.co.uk/jobs

## PyroLac Pr0™

Class 0 upgrade intumescent lacquer system from Europe's experts in wood finishing.

Certified in 2006 by Warrington Fire Research.

Meets BS 476 Part 6 Flame Propagation to Class 0 and BS 476 Part 7 Surface Spread of flame to Class 1.

- · Super-smooth finish.
- · Genuine certified upgrade to Class 0.
- · General use durability classification.
- · Aids in meeting new fire regulations.
- · Fire retardant, plus flame resistant.
- Specifically formulated for interior wood.

Becker Acroma Limited | Rookwood Way | Haverhill | Suffolk | CB9 8PF | T: 01440 765400 | W: becker-acroma.co.uk



Australia | Belgium | Bulgaria | Canada | China | Czech Republic | Denmark | Estonia | Finland | France | Germany | Great Britain | Hungary | Iceland | Ireland | Italy | Latvia | Lithuania | New Zealand | Norway | Philippines | Poland Portugal | Romania | Russia | Slovakia | Slovakia | Slovania/Croatia | Spain | Sweden | Taiwan | Thailand | USA | Vietnam

ENQUIRY 13 ON CARD WWW.AJPLUS.CO.UK/AJDIRECT

2007

# timber in architecture

Advancing design with sustainable, innovative and creative timber technology

6th February 2007 - Jurys Hotel Great Russell Street, London WC1B

Featured speakers include:

Roddy Langmuir, Senior Architect, Edward Cullinan Architects Michael Buckley, Consultant, World Hardwoods Deborah Saunt, Partner, DSDHA Alan Shingler, Partner, Head of Sustainability, Sheppard Robson Dr Ruth Nussbaum, Director, ProForest

To register- www.ajtimberdesign.co.uk Tel: 0845 056 8069 Fax: 020 7505 6001 Email: constructconferences@emap.com AJ

CONFERENCES

Book now for your early bird discount!

Supported by



Endorsed by:



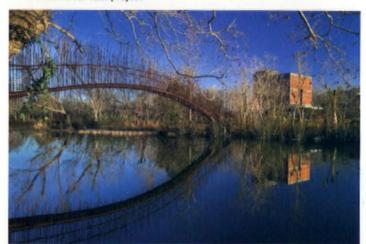


#### BREAKING NEWS DAILY / WWW.AJPLUS.CO.UK

Architecture's most incisive news breaks daily on www.ajplus.co.uk.
To see what attracted 50,000 visitors to the site last month, activate your online subscription at www.ajplus.co.uk/activate.
For login details call 020 7505 8623

#### THURSDAY 30 NOVEMBER

- · Barcelona Olympics architect slams London 2012 efforts
- American practice Miro Rivera Architects among the winners of AR Future Projects Awards (below)
- · New PPS3 shifts responsibility for high design on to councils
- Battersea Power Station sold to Irish investment group amid concerns for vast project



#### FRIDAY 1 DECEMBER

- Tower Hamlets rejects Feilden Clegg Bradley's experiment in social housing (see pages 12-13)
- Ricky Burdett to join Olympic Delivery Authority as architectural concerns grow
- RMJM sees off shortlist of internationals starchitects to win Russian skyscraper commission
- Royal Parks denies rumours of a London planning retreat

#### **MONDAY 4 DECEMBER**

- · Piano to build next to Corb's Ronchamp (below)
- Jowell covered up true cost of Olympics, claims former ODA chief
- Tube death architecture student mourned
- Cloak of silence falls over alleged Rogers/ Goldschmied legal settlement





#### **TUESDAY 5 DECEMBER**

- Barker aims for planning revolution (left)
- SMC reveals global ambition running into billions of pounds
- RIBA Awards reshaped after regional grievances
- Judge brings curtain down on east London theatre row

#### WEDNESDAY 6 DECEMBER

- George Gilbert Scott's Shanghai Anglican cathedral to rise from the ashes
- V&A ponders plans to develop Northern offshoot in Blackpool
- Cassidy + Ashton's Preston scheme slammed by council and CABE
- Mixed response as dust settles on Barker planning report

## Major changes to the fire regulations - are you ready? Stay out of jail

Major changes are anticipated to Part B of the fire regulations in April 2007.

RRFSO - What has changed? On 1st October 2006 the Fire Regulations changed, failure to comply with the RRFSO could result in fines, imprisonment and the closure of premises.

Are you the Responsible Person? If you are an employer or have control of a building then you are the Responsible Person and are duty bound to carry out a fire risk assessment.

How will the changes affect you? As part of the Hot Topic Seminar programme, Government and industry experts will provide a strategic overview of the issues affecting you.

Where and When are the Hot Topic Seminars being held?

Wednesday 17th January, The Compass Room - The Lowry, Salford Quays, Manchester. Wednesday 31st January, The Jarvis Auditorium, RIBA, London.

A Specialist Assessment Of The New Fire Regulations

ROCKWOOL FIRESAFE INSULATION

#### **Key Speakers**

The Lowry

Jonathan O'Neill - FPA

Anthony Burd - DCLG

Martin Edwards - Probyn Miers Ltd

David Purser - Hartford Environmental Research

Andrew Was - FM Assurance

Guest Speaker - Insurance Industry Expert

Howard Passey - FPA

Brian Martin - DCLG

Martin Edwards - Probyn Miers Ltd

David Purser - Hartford Environmental

Graham Ellicot - ASFP

Guest Speaker - Insurance Industry Expert

**Event Schedule** 

10:00am - Registration and coffee

10:30am - Formal welcome and scene setting

10:45am - A regulatory view of the legislation changes

The Government is making a number of changes to Approved Document B and also the law, through the Regulatory Reform (Fire Safety) Order, RRFSO, which will be implemented from 6th April 2007. What are the main specific changes, why and when? Fire Safety Guides and Responsible Persons. Experiences with RRFSO so far

free card

11:30am - Legal consequences

Following the guidelines in Approved Document B and complying with the requirements of the RRFSO. The RRFSO is an ongoing responsibility, not limited to an initial one-off assessment, failure to comply could result in fines, imprisonment and the use of premises being prohibited. Ignoring current knowledge, such as changes to AD B, could be viewed as an irresponsible act.

12:15pm - The place of non-combustible materials

The consequences from the emission of smoke & toxic gases during building fires on human life and behaviour, around 50% of fire-related deaths in the UK are attributable solely to smoke and toxic gases. Choosing non-combustible insulation products will substantially reduce risk and future liability in this essential decision process of construction and refurbishment.

1:00pm - Questions

1:15pm - Lunch

2:00pm - Design out risk

As a direct consequence of the requirements of AD B and the changes introduced with the RRFSO, use of materials and systems that have been evaluated and verified by third party organisations will provide invaluable reassurance to the sponsible Persor

2.45pm - Insurance consequences

Although insurance is not directly affected by the requirements of Approved Document B and RRFSO, both focus attention on the appropriate use of non-combustible materials and adequate fire protection and may be relevant to the insurance premiums charged and to the subsequent liability to settle claims

3:30pm - Questions

3:45pm - Coffee/depart

How to register Click www.rockwool.co.uk or call the registration Hot Line on 01772 770762 between 9am and 5pm on weekdays, except 27-29 December.



The Northern Ballet Theatre's Leeds headquarters had been on the drawing board for seven years

## **DANCERS DROP CAREY JONES**

By Richard Waite

Carey Jones has parted company with one of the country's most prestigious arts projects after almost seven years of design work.

The Northern Ballet
Theatre (NBT) and the
Phoenix Dance Centre have
instead turned to a developerled team, which includes DLA
Architects, to build its new
home in Quarry Hill, Leeds.

The news comes amid rumours that the cost of Carey Jones' proposals had ballooned from initial estimates of around £16 million to more than £22 million.

Although the practice had managed to secure planning permission for its ambitious mixed-use theatre project – which included plans to build luxury flats around a new auditorium in one structure (pictured) – it is understood two

developers had already walked away from the proposals before NBT opted for the scheme led by developer Rushbond.

DLA has become the third practice to be asked to draw up plans for the NBT.

The ballet company had originally asked David Chipperfield to design a new base in Halifax. However, this scheme fell by the wayside in the late 1990s and Carey Jones was then approached to take the designs forward.

The latest proposals include plans for two separate buildings – one of which will be 'a commercial building' to help fund the development.

Gordon Carey, Carey Jones' co-founder, said he was angry his firm's designs did not make it off the drawing board, especially when, he claims, there was only a £1.5 million

'funding gap' between his scheme and DLA's designs.

Carey said he feels the authorities have missed a trick in not stepping in to support the original project and help deliver a 'high-quality building that would raise the bar'.

He said: 'We believe that the change in design concept for one of the largest centres for dance outside London constitutes a major missed opportunity for the city.

'Leeds continues to be under pressure to deliver highquality, well-designed buildings and iconic architecture in order to maintain and build upon its reputation as one of the UK's leading cities.

'We believe [£1.5 million] would have been a worthwhile investment for the city to make.'

However, when asked whether the new designs would mean that the NBT's building was less 'iconic' than first envisaged, the organisation's chief executive, Mark Skipper, said: 'In some ways this scheme is better for us.

'We now have a standalone building which is dedicated to us and we are losing some of the potential issues of shared space.'

He added: 'We also have a fixed-price contract so none of the risk is ours and we feel reasonably optimistic this project will go ahead.'

Should DLA win planning permission for its scheme, the NBT hopes work will be able to start on site by the end of next year.



1.

## **GORST HARKS BACK TO GOLDEN AGE**

By Richard Vaughan

When James Gorst Architects was approached two years ago to design a country house near Northampton, it was, the practice principal believes, reminiscent of a bygone era.

The scheme is, Gorst claims, the first significant rural estate designed as a single project since before the First World War.

The architect says the 1,500m<sup>2</sup> scheme, which sits within a 400ha site, harks back to how the Edwardians designed their houses before the Great War.

'Following the decline in farming fortunes', he says, 'there hasn't been that sort of investment in one-off houses in the country.

'It is a near-extinct building typology – the rural estate – in which the house and its attendant estate buildings are a unified entity,' he adds.

The scheme was granted planning under the Planning Policy Statement (PPS) 7 'country house' clause, which, says Gorst, has given his practice the freedom to produce its most sculptural and formal building to date.

He says: 'It's obviously tremendously liberating to be able to design without the usual constraints of a residential dwelling.'

'We were able to produce double- and triple-height spaces in areas such as the reception, which would only usually be done in galleries. It gave us a chance to play with the space, light and shade.

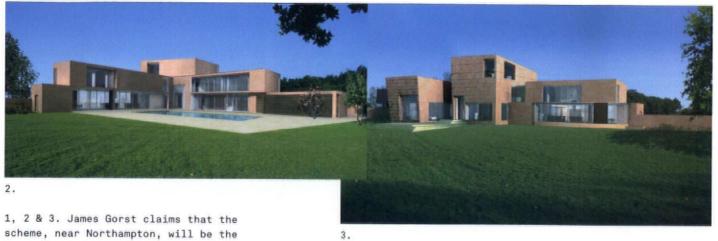
'It is also very liberating to work in stone, a local Banbury blue-and-brown ironstone, quarried just 11 miles away.' The scheme sits in the footprint of a house built in the 1980s, on the edge of an escarpment to the north.

The development will use sustainable technologies, such as wind turbines, green roofs and biomass boilers burning woodchip taken from orchards on the site.

The estate will also be a working farm, with landscape elements designed by Dan Pearson Studio.

The main farm building will house the rearing and sale of free-range poultry, beef, pigs and sheep, which the public can purchase from the farm or from selected stores.

Gorst says: 'The owner of the development has also bought a pub nearby, which will be turned into a gastropub, which will also use the produce from the farm.'



 2 & 3. James Gorst claims that the scheme, near Northampton, will be the first rural estate designed as a single entity since before the Great War
 Site plan

> ¥ 10 . 아마 KEY
>
> 1 POND
> 2 EXISTING COTTAGE
> 3 DRIVE
> 4 HOUSE
> 5 TENNIS COURT
> 6 POOL GARDEN
> 7 GARDEN
> 8 FARM
> 9 EXISTING FARM TRACK
> 10 WIND TURBINE 000 4.



1.

## 'SUPPORTIVE' HOMES LACK SUPPORT

By Richard Waite

The team behind the proposed Mildmay Urban Village (MUV) doesn't really know what to do next. A decision by Tower Hamlets' planning committee to turn down its potentially groundbreaking social housing project in Shoreditch came as a shock, not least to the scheme's architect Feilden Clegg Bradley (FCB) – the practice rarely has anything rejected.

So to find its £55 million 'supportive housing' development in London's notoriously needy East End being sent back to the drawing board could not have been easy to stomach.

Given that both CABE and the borough's own planning officers had welcomed the proposals for homeless charity Crisis, the unanimous eight-nil rejection at committee is yet more surprising. Crisis and its partner, housing association Genesis, wanted to build a mixed private and social development, providing 370 permanent dwellings for formerly homeless people and those on low incomes.

The scheme would have been the first of its kind in the UK and was inspired by the pioneering and successful Common Ground model, which has been running in New York for the past 16 years.

Unlike the high-profile
Foyer hostel projects – such
as Ian Simpson's competitionwinning design in Birmingham
– the pioneering programme
in east London is viewed as a
'next step' for people living in
temporary accommodation
and effectively offers homes
to tenants for as long as they
want them.

Around 270 of these homes were to be provided in a 23-storey tower at the eastern end of the Mildmay site. Although the rest of the plot was to be given over to a new church – designed by Matthew Lloyd Architects – an HIV/Aids hospital, and new offices, there is no doubt one of the key reasons the scheme flopped at committee was the scale of the main, residential tower.

According to the official refusal document from Tower Hamlets, the skyscraper would have had an 'adverse impact on the residential amenity, particularly in terms of daylight and sunlight.'

There were also fears that the tower, which was to be clad in copper, would be 'insensitive to the surrounding area.'

It is rumoured the neighbouring authority,



1, 2 & 3. The team behind the Mildmay Urban Village scheme, which includes architect Feilden Clegg Bradley, wanted the project to 'change opinions of what social housing could be'

Hackney Council, also thought the tower was 'too Brutalist'.

Understandably, FCB co-founder Keith Bradley feels these comments do not bear close scrutiny.

He says: 'The scheme has been carefully mapped in terms of daylight and sunlight, demonstrating that there is no significant impact on the surrounding properties – this was independently checked by Tower Hamlets as part of the case officer's report recommending approval.

'We think this is a fantastic project which really tries to deal with the heart of homelessness problems in London. We're all working together to find a way forward.'

However, Liberal Democrat councillor Louise Alexander, who helped run a wellorganised campaign against the development, believes that the height and scale issues were just the tip of the iceberg.

She says: 'It seemed because the development was billed as a unique and innovative project, a lot of the planning guidelines were being breached.

'The Urban Village building itself was made up of mainly bedsits, built to the minimum specification in terms of size. Is it right to reintegrate people into society by stuffing them into tower blocks?'

She adds: 'There were to be only 11 three-bedroom flats on the whole site – the rest was designed for single people.

'Crisis may have got letters of support, but people didn't realise it would mean building a 23-storey tower.'

But Beth Sandor, the project manager seconded from Common Ground to head the scheme, paints a completely different picture.

Her vision, which is as compelling as it is brave, is for a development which combines high-quality architecture with integrated 'amenities' such as IT suites, arts rooms, a concierge service and rooftop gardens.

Brought together, she believes it can change lives, as it has for thousands in New York.

She says: 'To get here we have been on a long journey – we didn't just come up with this out of the blue. We earned the backing of CABE by working hard on this over many months.'

She adds: 'Perhaps people thought it was too good to be true. I can understand people's scepticism because there is nothing like it.

'But people need to trust us. We are not going anywhere and we are going to deliver this.' In respect of the design, and the objections over its scale, Sandor is adamant that the proposed scheme was a 'robust solution'.

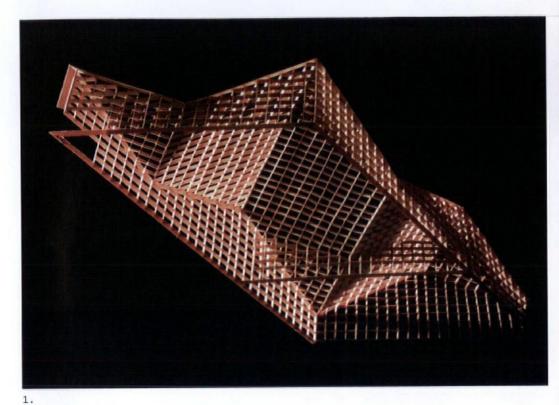
'There has to be a certain economy of scale,' she says.
'The scheme can't just be halved in size. If it was as simple as taking two storeys off the top I'd do it tomorrow.'

She adds: 'But if you skimp on high-quality architecture then it won't work. The aim is to make it beautiful and not look like a social housing block.

'We want the wow factor and we want to change opinions about what social housing should be.'

The problem is that, unchanged, the scheme will never get built. It remains to be seen how much of this 'wow factor' will have to go to get the project past the planners.

#### **NEWS IN PICTURES**



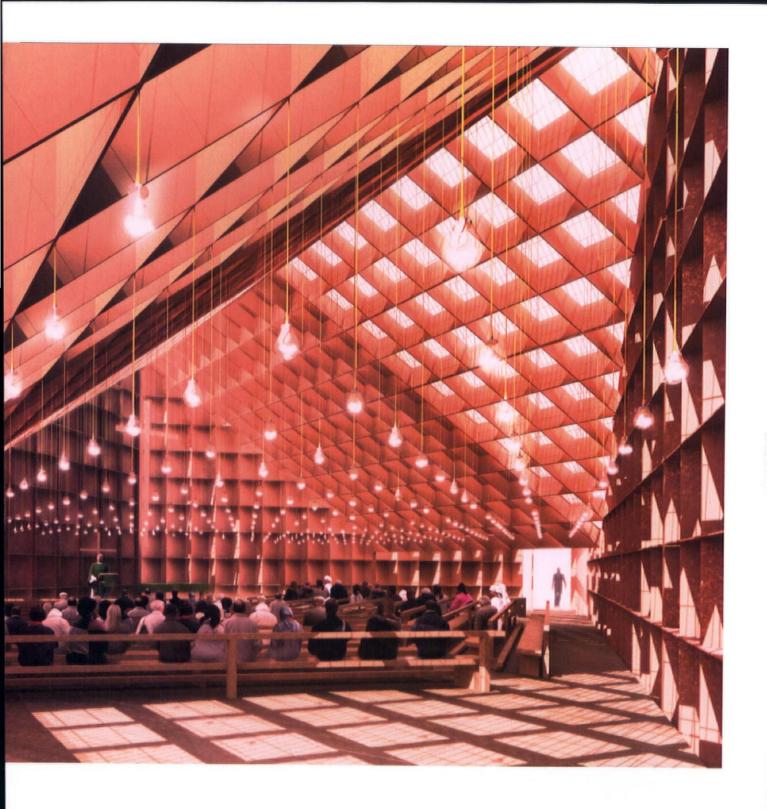
#### TRINITY INSPIRES MCLAUGHLIN'S NEW CHURCH

Niall McLaughlin Architects has unveiled these images for a new Catholic church in Peckham, south London. The practice has designed a simple plywood 'waffle' structure to make a central nave with side chapels and a community hall. The firm says it has taken a 'simple structural principle, which is elaborated to create a great variety of luminous spaces'. The site of the new St James' church opens on to three different streets, and each element of the building can be used separately or together depending upon the nature and scale of the event. The practice plans to replace the existing church, a Romanesque style building dating from 1904, with this 1,200 m² scheme. The design of came about 'through an extended dialogue with the community', allowing the varied parish to 'articulate their needs and desires for a new building'. According to the practice, the process has led to a general agreement on the workings of the church among the parishioners, and the project is being widely supported by the community.

By Richard Vaughan



2.



- 1. Model of the new Peckham church's 'waffle' structure
- 2. The central nave of the church is complemented by side chapels and a community hall  $% \left( \frac{1}{2}\right) =\frac{1}{2}\left( \frac{1}{2}\right) \left( \frac{1}{2}$

'We're rebuilding the whole thing, and we're not telling any architects about it so we get it right'

Fire chief Martin O'Connor on his Venturidesigned fire station in New Haven, Connecticut. www.reason.com, 30.11.06

'My architect, fêted as the ecogod of Notting Hill, is vaque about the delays. I suspect he is too busy being photographed for Italian Voque. Are greenies the new rock stars?"

Iulia Stephenson, Independent, 30.11.06

'An airport-style architectural abortion of exceptional vileness'

Mark Lynas on the Westgate Partnership's proposed new shopping mall in Oxford. New Statesman, 04.12.06



#### COCK-A-HOOP

The titillating tale of the naughtily named Tickle Cock underpass has reared its head again. The project to revamp a railway bridge - part of the ongoing regeneration of Castleford, West Yorkshire is being lovingly handled by Deborah Saunt of DSDHA. Earlier in the year the scheme was splashed across the local rags when residents succeeded in changing the long-standing moniker of the underpass from the rather demure Tittle Cott Bridge back to its original, snigger-inducing title. The name Tittle Cott had apparently been created to discourage the hoi-polloi from needless vulgarity and spare the blushes of the 'Quality'. However, Saunt has found the name is causing her unexpected problems. It seems the local

council's email spam filter occasionally takes offence and has blocked Tickle Cock-related mail...

#### FRENCH TICKLER

Astragal is far too clean minded to search for phallic symbolism in Morphosis' tower design for La Défense in Paris (ajplus 28.11.06). So what is it doing appearing on www.towelroad. com, 'a blog with homosexual tendencies'? It is described as an 'unusual erection featuring a roof-top wind farm'.

#### NICK TURNS HIS NOSE UP

What a view. What a guest list. What a party. The RIBA's London Region has surely seen nothing like this before. The chairman's annual dinner last week was held in the extraordinary surroundings of the Gherkin nosecone.

As one wag put it, looking at the reflections of the bald heads in the glass and steel above, 'the domes in the dome'. All the big names were there. Not just the usual RIBA faces - but the likes of architecture minister David Lammy and Tate supremo Nicholas Serota. Astragal sat next to Serota for the dinner (which was much better than the scoff usually found at such functions). Ever the politician, the modern-day Medici gave very little away, apart from one slip: 'I wouldn't recommend Olympic organisers look for inspiration to Liverpool's Capital of Culture,' he said knowingly. Fortunately Sir Nick is far too sophisticated to use such terminology, but the frustration in his eyes was reminiscent of a phrase that includes the words 'piss-up' and 'brewery'.

[ Between us, ideas become reality.]

## FROM IDEA TO REALITY IN ONE CLICK.

The newly designed Armstrong Ceilings website is the fastest way to take your design from vision to creation. The interface and navigation tools are more user-friendly than ever before. It is a constant source of inspiration, giving you instant access to photo and video case studies with useful presentations. Product information is intelligently organised and searchable in just three clicks, making it much easier to find the best ceiling solutions. Recommendations for the installation and maintenance of suspended ceilings are available as downloadable PDF files. You can locate our partners and download technical documents in an instant. All from the comfort of your own office.

## www.armstrong-ceilings.co.uk

#### INSPIRATION

- Book of Ideas
- > Photo Gallery
- ➤ Environment...

#### SELECTION

- ➤ By Design
- ➤ By Performance
- > By Application...

#### PRODUCTS

- > New Products
- ➤ Product Overview
- ➤ Product Information...

#### SPECS & TECHNICAL

- ➤ Data Sheets
- > CAD Drawings
- > Installation Instructions...

#### CONTACTS

- ➤ Customer Support
- > Distributor Location
- ➤ Contractor Location...



#### THE ARB'S INCREASED FEE IS ANYTHING BUT GRAND

I have just read the ARB's announcement that they are raising the fee for the prescribed registration examination process. Apparently  $\cancel{L}998$  is not enough for four people to evaluate a student's work.

With the fee now having been raised to £1,210, it exceeds the yearly tuition fee for a student on most Part 2 courses in the UK. I am glad to see that the process will continue 'to be self funding'! And potentially a little more?

Name and address supplied

#### THE OLYMPICS PERCENTAGE GAME IS MEANINGLESS...

Will Yandell is naive to think that just because the Olympics are only a tiny percentage of total UK spend on construction over the next six years, we won't make a mess of it (AJ letters 23.11.06).

Much of the rest of this spend comes from single-minded clients who know what they want (mostly profit), not from hydraheaded clients with conflicting agendas, like the Olympics authorities. Union Square software won't get us out of that hole Alan Kennedy, London, SW12

#### ... BUT WITH THE RIGHT LEGACY 2012 NEED NOT BE SO

Isabel Allen's editorial (AJ 30.11.06) strikes just the right commonsense note for a solution to the looming 2012 Olympics fiasco – if only we could be confident that such views would be heeded.

In part, it seems that pragmatism will rein in some of the project's worst excesses – a modest example can be seen already, as you report in the same issue that Zaha Hadid's Aquatic Centre has been cut down to something more manageable.

Hadid appears to have accepted the reduction of her grand scheme with good grace — which should set an example to all architects working on the Olympic project. London in the 21st century is not the place for mega-projects, despite Livingstone's apparent need to stamp his high-rise mark all over the city.

Both the mayor and Parliament could do a lot worse than take a short stroll to the Royal Festival Hall. More than 50 years after it opened, this final reminder of the Festival of Britain has been rejuvenated and once again provides a vibrant centre to a part of the city which has long remained underused and unloved. This should be the template for the city's Olympic planning.

How fitting it would be for the 2012 games to reflect some of the UK's more modest virtues – which could be expressed not in huge, empty gestures, but in more small-scale designs with long-term use.

Alistair Pringle, London SW11

#### LYONS' PLANNING LESSONS SPAN THE YEARS...

I hope that the Eric Lyons and Span show which Robert Harbison reviewed (AJ 30.11.06) won't just disappear after its few weeks at RIBA, because it has lessons for a lot of the UK, given the dire current housing that Berkeley, Bellway and the rest are turning out at present.

Lyons once said he wanted his estates to have 'an informal dignity that will be pleasant still in 50 years'. Take a walk around Ham Common or Blackheath, for instance, and you see what he means.

As Harbison points out, that's partly because Lyons had a real feeling for landscape – not something that developers seem to have these days or, for that matter, many architects. But there's more: intelligent site planning; a lovely way with contrasting textures and materials; and a surprising sense of space in what are quite small dwellings.

Span's estates are like enclaves, but without the gates that fence off so many new developments – there's no dignity in those! If only some of the current crop of developers would see this exhibition and take note.

Don Livingston, Kettering

#### ... EVEN IF THE PRESENTATION CAN FALL FLAT

Having just visited the 'Eric Lyons and Span' exhibition at the RIBA, the first impression is, as your reviewer Robert Harbison remarked, one of unrelieved flatness.

Adding models is perhaps not appropriate given that the houses are not about architecture-as-object and the housing layouts are pretty two-dimensional – some of them improved latterly by the maturing of the landscape. But the Architectural Review's Emerging Architecture exhibition in the Florence Hall, all on screens, shows how easy it is to animate a space.

More important is that, more than many other architects, Lyons' Span housing is a relatively clear-cut experiment, a proposition about appropriate (middle-class) 'sociable', as distinct from social, housing. There has been some examination of the housing in use, but surely what this exhibition should have included is the results and conclusions of this experiment, specially commissioned if necessary. Tim Crocker's photographs are very welcome but not really enough.

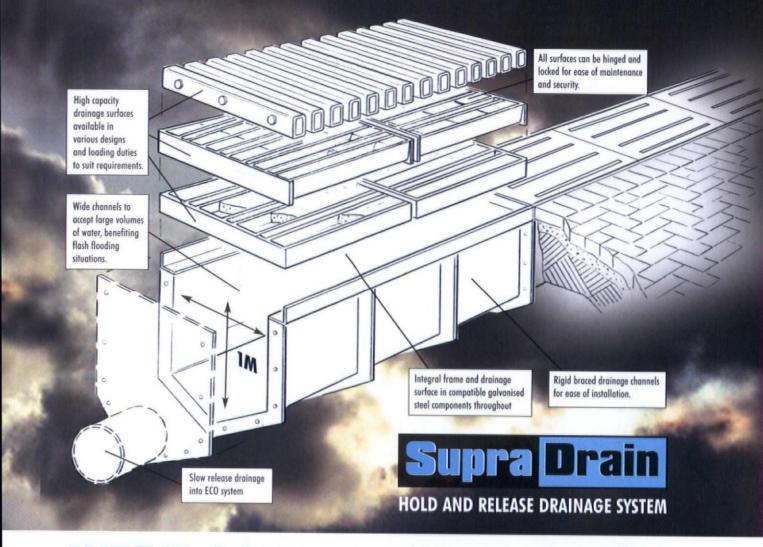
We know it is difficult to revisit a project – not only in terms of paying for the research, but in terms of who will give access and who is prepared to allow the bad news to be published with the good.

But here at the RIBA surely was a golden opportunity to focus on Span's effectiveness, with such personal sensitivities likely to be long past. Bernard Key, by email

#### WE'LL MIND OUR FRENCH IN FUTURE

Le Corbusier a French master (ajplus 04.12.06)? He was Swiss, born in 1887, and took French citizenship only in 1930. Owen H B Short, Architectural + EcoDesian, Swansea

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.



# WE'VE GONE TO GREAT DEPTHS TO COMBAT FLASH FLOODS!

THE DEPTH AND WIDTH OF OUR HIGH CAPACITY SYSTEM ACHIEVES EFFICIENT DRAINAGE OF LARGE FLAT AREAS AND PREVENTS OVERLOADING OF WASTE WATER ECO SYSTEMS

Because of its generous proportions, our high capacity channel system simply drains large surface areas quickly and efficiently, by holding more water within system. This retained water is then gradually released back into the eco-system in manageable amounts which in turn prevents overloading the waste water systems. with possibility the environmental damage and all its consequences.

SupraDrain is the ultimate answer for cloud burst's and flash floods on paved areas, the high capacity drainage surfaces - up to 1 metre wide - can also quickly accept large volumes of water into its system in flash flooding situations.

The Sustainable Drainage System (SUDS) is designed to comply with Part H of the Building Regulations for ECO friendly rain surface water run-off. SupraDrain - The Brainy Drain

## JONES OF OSWESTRY

Whittington Road, Oswestry, Shropshire, SY11 1HZ

email: sales@jonesofoswestry.com www.jonesofoswestry.com

For more information contact our Sales/Technical Dept on

01691 653251



Steel. The strength to innovate www.livingsteel.org



#### Your Challenge. Their Future

The search for effective, affordable housing solutions that address the challenges of urbanisation is global.

That's why Living Steel has launched its second prestigious International Architecture Competition. It is an initiative that will identify select architects who have the imagination and desire to meet this challenge with innovative, yet practical, design.

Judged by a distinguished independent panel that includes Glenn Murcutt, Charles Correa, Jamie Lerner, Andrew Ogorzalek, James Berry and Nicholas de Monchaux, the competition presents architects with the opportunity to make a positive contribution that addresses one of the world's most significant issues. Add to that a total prize fund of €300,000, and the competition makes for an enticing challenge.

Winning designs for sustainable housing will be constructed in Brazil, China and the United Kingdom. Our judges are looking for smart solutions that embrace the unique performance attributes of steel in the context of each location.

Living Steel's International Architecture Competition is an opportunity to bring your vision for sustainable housing to life on a global stage. For the families who will ultimately reside there, it is a dream of living as yet unrealised.

#### Your challenge is their future.

For more information or to enter Living Steel's International Architecture Competition, please go to www.livingsteel.org Expressions of interest must be received by 12 January 2007.

**ENQUIRY 18 ON CARD** WWW.AJPLUS.CO.UK/AJDIRECT

















# PRESIDENT'S MEDALS



#### THE PRESIDENT'S MEDALS / DESIGN JUDGING



#### PRESIDENT'S STATEMENT

The President's Medals is the RIBA's international awards scheme for architecture students. This is one of my favourite evenings at the RIBA, when we fill Portland Place with students, proud parents and eminent architects to celebrate the very best work nominated by schools of architecture throughout the world. A panel of internationally renowned judges has selected the winners, including the Bronze Medal for Part 1, Silver Medal for Part 2, and the Dissertation Medal. This programme, which originated in the 1850s, attracts entries from more than 100 schools of architecture throughout the world. The winning projects offer a unique insight into the best student work in the world of architectural education. The RIBA strongly believes in investing in the future of the profession through supporting and championing architectural education. With a growing group of over 9,000 student members of the RIBA who are involved in validated professional architectural education, the institute is continually supporting members to develop the capacity to join and to lead the chartered architects of the future. By publicising the excellent work of students, the President's Medals awards provide an exciting image of the future of architecture. The RIBA works closely with partners and I am very grateful to those who have generously contributed to this programme. I especially want to thank our sponsors and supporters our principal sponsor, Atkins, and also iGuzzini, the SOM Foundation, Paul Davis & Partners, and many practices, including Lord Foster for the first year - without all of whom this spirited event and publication would not be possible. Jack Pringle, RIBA president





PHOTOGRAPHY BY DOMINIK GIGLER







#### SIMON ALLFORD (CHAIR)

Simon Allford was educated at the University of Sheffield and the Bartlett School of Architecture. After working for Nicholas Grimshaw and BDP, he co-founded Allford Hall Monaghan Morris in 1989. Over the last 17 years the office has grown from four to 90 people, with budgets ranging from £2 million to over £50 million. Allford is visiting professor at the Bartlett, vice president of the Architectural Association and vice president of the RIBA, where he is developing a new initiative on education. He is also an advisor to the RIBA President's Medals Student Awards and the policy and strategy groups. Allford is a member of CABE's design-review committee and has chaired and judged numerous international awards and competitions.

#### **VEDRAN MIMICA**

Vedran Mimica was born in Zagreb. Croatia, and graduated from the University of Zagreb as an architect/engineer in 1979. He joined the Berlage Institute, Amsterdam, as project co-ordinator in January 1991, and is currently associate dean there. Mimica has been a lecturer, visiting critic and examiner at numerous schools of architecture all over the world, and also writes on architecture in a number of international magazines. He is currently curating Croatian exhibitions as well as the Berlage Institute exhibition at the Venice Biennale, and is a head of the curatorial team for the International Architecture Rotterdam Biennale 2007.

#### **DEBORAH SAUNT**

Deborah Saunt is a founding director of award-winning practice DSDHA, established with David Hills in 1998, which has won many international competitions. She has taught at the Royal College of Art, the University of Cambridge and the AA, and has been a visiting critic and examiner at numerous schools of architecture. She lectures, broadcasts and writes extensively on architecture for the RIBA, the Architecture Foundation, Channel 4, ITV and the BBC among others. DSDHA's work has been featured around the world in publications as diverse as Vogue, The Architects' Journal and Icon. Saunt has been the judge of prestigious awards on many occasions, including this year's RIBA Gold medal.

#### PAUL FINCH

Paul Finch is editor of the Architectural Review and editorial director of publishing group EMAP Construct. He was editor of The Architects' Journal from 1994 to 1999 and continues to contribute to a wide range of forums as a commentator on architecture and design. In April 2004, after five years as chair of CABE's design-review committee, Finch moved to chair CABE's regional committee. He also acts as lead commissioner on London issues.

#### THE PRESIDENT'S MEDALS / PART 1

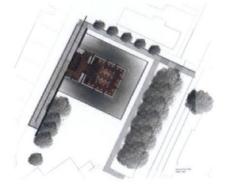


'Unusually cool for Part 1'

WINNER / BRONZE MEDAL

BRIAN MACKEN
THE MACKINTOSH SCHOOL OF ARCHITECTURE
Kelvin Archive
Tutors: Alan Hooper, Sally Stewart

This repository provides a home for the extensive archives of Lord Kelvin, one of a series of significant scientific, cultural and political collections owned by the University of Glasgow. The building aimed to locate the archive physically within its Gilmorehill campus, registering Kelvin's position in the history of the institution – in the field of physical sciences – while providing bespoke storage and study facilities for the research community. The proposal is also driven by sustainability. The site, built form and building fabric act as a mesh of factors delivering the required environmental conditions through passive means.

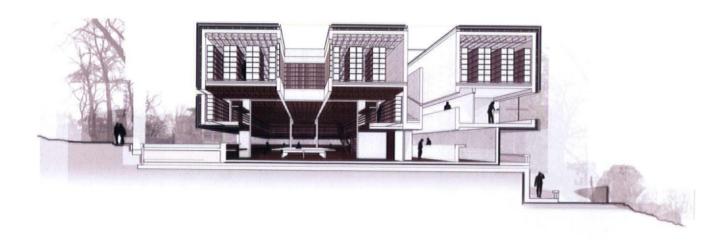














#### THE PRESIDENT'S MEDALS / PART 1

## 'Light is very well considered'

Vedran Mimica

COMMENDATION
WINNER / IGUZZINI TRAVEL AWARD

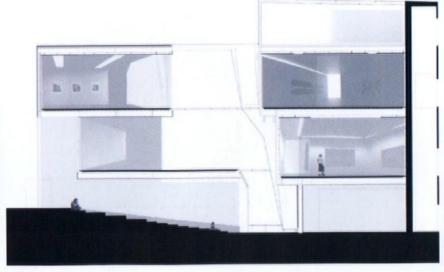
XENIA ADJOUBEI
LONDON METROPOLITAN UNIVERSITY
Photographers' Gallery
Tutors: Daniel Rosbottom, David Howarth

A project for the renaissance of the Photographers' Gallery in central London, this attempts to place architecture in space; as an object and as a place. A gallery-circulation network is formed within a glowing light object and illuminates and shapes the surrounding dark mass. It bleeds out from spaces filled with light, the courtyards of the city, to become almost a solid, irregular thing. Internally, there are straight, simple boxes; orthogonal walls which contain the photographs.









26

## 'Huge verve and brio - fantastic drawing'

Paul Finch

#### COMMENDATION

#### PASCAL BRONNER

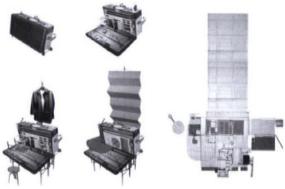
THE BARTLETT SCHOOL OF ARCHITECTURE

Symphonic Cannon

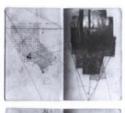
Tutors: Agnieszka Glowacka, Sabine Storp

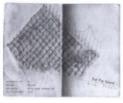
The building is a stage for opera and theatre for the people of Malta. Resting on the stony remains of the Royal Opera House, it is like a sculpture on a plinth. And, like a giant gramophone, it amplifies the orchestral sound on to adjacent streets and into Freedom Square, which becomes the auditorium. The building has its own airship, which, rising to a height that can be seen from far beyond the city walls, is a symbol of celebration and, like a silent church bell, draws in the crowds.









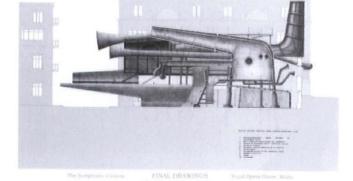






SLIDE 4





SLIDE 6

SLIDE 3

SLIDE 18

#### THE PRESIDENT'S MEDALS / PART 1

## 'This has an enjoyable roughness'

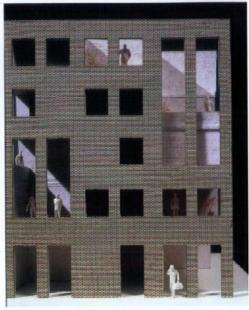
Deborah Saunt

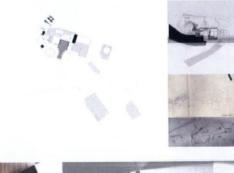
#### COMMENDATION

MARK SMITH
UNIVERSITY OF EAST LONDON
Housing for West Silvertown
Tutors: Jonathan Dawes, Masashi Kajita

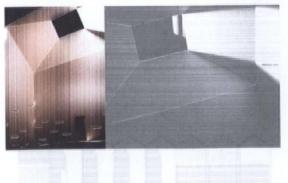
The project began with a series of experiments to observe and record patterns when molten lead was poured into water. These techniques were taken to Shibuya, Tokyo to observe fluid movements in the city. What became apparent was the importance of the container, whether a simple container for water or a complex city. The scheme in Silvertown, east London, would become a container for the fluid lives of the inhabitants. The building is wrapped in a simple brick skin which covers a complex organisation. The volume is perforated, creating a highly diverse mix of internal space.











## 'Beautiful colour and drawing'

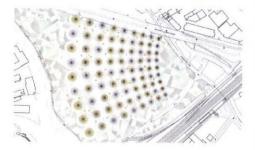
Deborah Saunt

#### COMMENDATION

KIM JAE-YOON
KOREAN NATIONAL UNIVERSITY OF ARTS
Time Architecture
Tutor: Kim Jong-kyu

This design, for the conversion of a power station into exhibition space and a thermal bath, is informed by the qualities of the existing site. The generator buildings have been transformed into exhibition space, and this change has sought to define the 'negative' spaces between buildings, so the gallery is perceived as both internal and external space. The project concentrates on experiential qualities — touch, scent, sound, and views — to transform the rawness and massive scale of the existing construction into a very human space.





## 'Post-industrial Arcadian utopia'

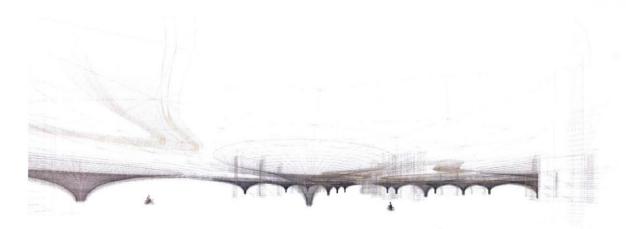
Vedran Mimica

#### WINNER / SERJEANT AWARD FOR EXCELLENCE IN DRAWING

KUMIKO HIRAYAMA UNIVERSITY OF WESTMINSTER Symbiotic Farm

Tutors: Jane McAllister, Jane Tankard

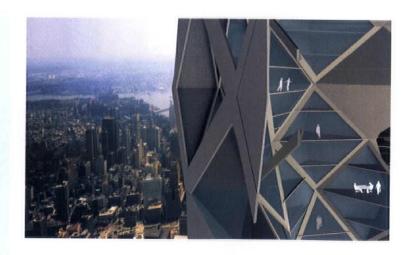
Situated at the southern extremity of the Lea Valley in east London, the project deals with industry, housing, leisure and agriculture. It critiques the *tabula rasa* development of this site by Olympic agencies, producing a woven, fragile layer of lace that flutters over the terrain. The landscape recycles waste from the capital ring sewer, creating a symbiotic intervention supporting a transient community of farmers. It transcends the confines of the site and envisages the growth of this linear farm – tracking the ring to create a green belt.



#### WINNER / SOM FOUNDATION TRAVELLING FELLOWSHIP

MAX WILHELM KAHLEN
ARCHITECTURAL ASSOCIATION
From Bundling to Beehive
Tutors: Mark Hemel, Nate Kolbe

This proposes a design strategy for super-high-rise architecture, combining structure, circulation and planning in a system which does not rely on floors for stability. The structure is developed as an organic 'material' which can adapt to environmental changes. Spaces around atria create microclimates with various intensities of ventilation and light.



#### THE PRESIDENT'S MEDALS / PART 2

'Amazing – like watching a movie – every page is like opening a gift'

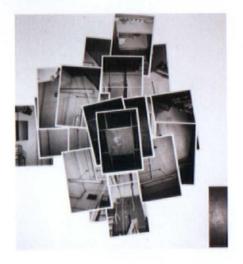
Deborah Saunt

WINNER / SILVER MEDAL
WINNER / SERJEANT AWARD FOR EXCELLENCE IN DRAWING
WINNER / SOM FOUNDATION TRAVELLING FELLOWSHIP

GILLIAN LAMBERT
UNIVERSITY OF WESTMINSTER
House at Gallions Reach
Tutors: Simon Herron, Susanne Isa

This house is a laboratory for an architect preoccupied with weather. Taking as a cue the 19th-century tale of Turner lashing himself to the mast of a ship to experience a storm at sea, and looking at the careful manner in which John Soane built up his Lincoln's Inn Fields house-cum-office, this proposes a dark and leaky world in which nature would flood into a house beside the Thames. A laboratory constructed in the basement of the University of Westminster allowed experimentation with light and mirrors. Building from these speculations, a house which tests the limits of domesticity and enclosure was designed.





AJ 07.12.06



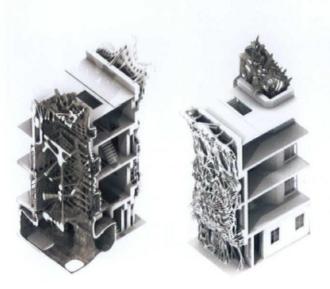
30







#### THE PRESIDENT'S MEDALS / PART 2





#### 'Like Gaudí on steroids' Vedran Mimica

#### COMMENDATION

TOBIAS KLEIN
THE BARTLETT SCHOOL
OF ARCHITECTURE
Synthetic Syncretism
Tutors: Marjan Colletti, Shaun Murray

The project's narrative background is based on the hybrid Cuban Santería religion - a mixture of Catholicism and Yorùbá tribal beliefs. Due to lack of burial space in the necropolis of the Cuban capital Havana, it proposes a ceremonial processional funerary route through the city. Slotted inside an existing cross-shaped courtyard, the inverted 'Chapel of Our Lady de Regla' acts as an architectural, ritual and cultural highlight. Formal and structural expression is provided by a series of designed Santerían relics held inside the sacristy - skeletal and visceral utensils, 3D-modeled and 3D-printed in order to perfectly fit 3D-scanned animal bones.

## 'One of the few projects that takes a specific attitude to materials'

## COMMENDATION

VIKTOR JAK LONDON METROPOLITAN UNIVERSITY Building for Pictures Tutors: David Grandorge, Matthew Barnett-Howland

This much-needed cultural framework could raise the ambition for a cultural expansion and provide enough gravitas for a third node to emerge in the centre of the Czech capital, Prague. The framework favours timber as a sustainable construction material, both for traditional city-block architecture as well as for the three investigational tall public buildings. The 36m-tall gallery, built from engineered timber, allows the public life of the street to enter into the building. Side-lit galleries offer a range of scales and grain of exhibition space and servicing.







### 'Brilliant - I loved the idea'

Deborah Saunt

HIGH COMMENDATION
WINNER / IGUZZINI TRAVEL AWARD

ANGELA HOPCRAFT
LONDON METROPOLITAN UNIVERSITY
Women's Refuge

Tutor: Maurice Mitchell

Deep between retaining walls, half a kilometre of open sewer houses the Jagdamba camp in India. A widows' refuge was formulated through engagement with this landscape of regularly flooding rambling brickwork and narrow footpaths, alongside the personal narratives of insiders and outcasts. Removing redundant latrines revealed a forbidden garden, a backdrop to a graded choreography of movement on two levels. Entry to the tall heart of the scheme is guarded by a terrace of blacksmiths' workshops. Between entrance and garden, an *impluvium* catches water, while sheltering invited gatherings. Inside, the tall, top-lit refectory, between the garden and the personal space, celebrates secure conviviality.





## THE PRESIDENT'S MEDALS / DISSERTATION JUDGING





#### SARAH CHAPLIN (CHAIR)

Sarah Chaplin is professor and head of architecture and landscape at Kingston University. She is vicechair of the Academy of Urbanism, serves on the Council for the Standing Conference of the Heads of Schools of Architecture (SCHOSA) and the steering group for the Architectural Humanities Research Association, and is also a member of the subpanel on Architecture and Built Environment for the 2008 Research Assessment Exercise. She has published, lectured and broadcast widely on architecture, urbanism, Japan, visual culture and digital culture, and is completing a book on the cultural history of the Japanese love hotel, to be published by Routledge in 2007.



#### **IGEATROIANI**

Dr Igea Troiani is a senior lecturer at Oxford Brookes University who lectured in Australia prior to moving to the UK. She has taught architectural design and modern architectural history and theory courses at the Queensland University of Technology and the University of Queensland while continuing to practise as an architect. Until 2005, she was a partner with Andrew Dawson in HAPPENinc in Brisbane. She was secretary of the Society of Architectural Historians, Australia & New Zealand from 2003-2005; recipient of the David Saunders Founder's Grant into architectural history research in 2003; and is the principal organiser of the Architectural Humanities Research Association 2006 conference. She has written for the Journal of Architecture and Architecture Australia.

#### ROBERT KRONENBURG

Robert Kronenburg is an architect and holds the chair of architecture at the University of Liverpool. His books include Houses in Motion: The Genesis, History and Development of the Portable Building; Portable Architecture; and Spirit of the Machine. He is also editor of Transportable Environments. Kronenburg is a past Fulbright fellow and in 1998 received a visiting fellowship at St John's College, Oxford University. He curated the major exhibition Portable Architecture, held at the Royal Institute of British Architects, and the touring exhibition Spontaneous Construction and was curatorial advisor on the Vitra Design Museum's exhibition Living in Motion. His forthcoming book Flexible: Architecture That Responds to Change, is published by Laurence King this year.

#### TOM DYCKHOFF

Tom Dyckhoff is the architecture critic at The Times. He studied at Oxford University and University College London before working for the Prince of Wales' Institute of Architecture, the RIBA and the Guardian. He writes and broadcasts on architecture, design and the built environment for radio, various magazines and TV, where he is a reporter on architecture for BBC2's The Culture Show, and regularly teaches urban and architectural history and theory. In his spare time he likes dawdling.

#### LI SHIQIAO

Li Shiqiao is associate professor in the department of architecture at the Chinese University of Hong Kong. He studied architecture at Tsinghua University in Beijing and obtained his PhD from the AA. His research was on modernity and architecture in their late-17thcentury European and early-20thcentury Chinese manifestations. He has written for the Journal of Architecture, the Journal of Architectural Education, and the Journal of Society of Architectural Historians, and his books include Architecture and Modernization (Beijing, 2006) and Power and Virtue: Architecture and Intellectual Change in England 1660-1730 (London and New York: Routledge, 2006). He has taught at the AA and the National University of Singapore. He co-founded BHSL Design with Belinda Ho.

#### THE PRESIDENT'S MEDALS / DISSERTATIONS



## 'Astute, but not too critical'

Robert Kronenburg

#### WINNER

TIMOTHY O'CALLAGHAN
UNIVERSITY OF WESTMINSTER
Center Parcs
Tutor: Murray Fraser

This dissertation charts the evolution of the Center Parcs formula from the very first parks in the Netherlands which were little more than luxurious camping grounds when compared with the current and more sophisticated incarnation of the holiday chain. Particularly fascinating are the origins of Center Parcs in the ideas of its founder, a fanatical Catholic entrepreneur, and his chosen architect, Jaap Bakema. The latter was a leading member of the radical architecture group Team X, and brought the latest Modernist architectural thinking into his design for the camp environments. As well as looking at these architectural influences, the dissertation deals openly with the social intentions and meanings. Hence it also attempts to analyse the potential for a further evolution of the Center Parcs formula into a permanent (sub)urban community, blurring the limits of work and leisure completely.



In the part (IME), we have a sole to decide the first of the term of the part (IME), we have a sole to decide the part (IME) and the part (IME) are the part (IME) and the part (IME) are the part (IME) and the part (IME) are the part (IME) and the part (IME) and the part (IME) are the part (IME) and the part (IME) an

#### Ballion on Contentions

On the part title while the temps from that, is at our flows. They were in the table to take the part of the same of the district.  $^{\prime\prime}$ 



And the control of th

and collect institution in Englisher, After the last Design to its over design, and a set of terminal providing in the opinion and distribution to the original providing in the opinion and distribution to the original providing in the opinion and less than the last distribution and the original providing to the opinion of the opinion and the opinio















# 'A rattling good story'

2

# HIGH COMMENDATION

THOMAS CORRIE
UNIVERSITY OF SHEFFIELD
Treading in the Path of Others
Tutor: Eamonn Canniffe

Almost all the architectural sources for Kedleston Hall in Derbushire can be traced back to antiquity, but the method and directness of their influence varies considerably, further complicated by the building's lengthy genesis, involving five different architects - Matthew Brettingham the Elder, James Paine, James 'Athenian' Stuart, Robert Adam, and George Richardson - over a period of nearly 40 years. This dissertation examines the influence of the Grand Tour, principally that undertaken by Robert Adam, on the design and development of Kedleston. It is structured as a journey along the central axis of the corps de logis, starting in the park and proceeding through the north front into the two principal apartments, the marble hall, the circular Saloon, and outside into the pleasure ground to view the south front. Each section traces the influences on that particular part of Kedleston and its development.

# 'Visually beautiful'

Igea Troiani

## COMMENDATION

JESSAM AL-JAWAD
THE BARTLETT SCHOOL OF ARCHITECTURE
Angel Courthouse
Tutor: Brendan Woods

This dissertation accompanies a design proposal for Angel Courthouse, serving as a theoretical underpinning to the design process undertaken over the course of the final year. It explores the interpenetrating relationship of body and space, concentrating on the psychological effects that result from this dialectic. The processes explored in this thesis were brought to bear on the design proposal for a courthouse on the site of the disused London Underground station at City Road. The complex relationship between 'body' and 'space' is captured in one site: visible and invisible structures, freedom and confinement, the individual and society and the 'spaces' of psychological interior and physical exterior.









# THE PRESIDENT'S MEDALS / GEOGRAPHY

There are nearly 100 schools of architecture around the world with RIBA validation, and all of them are eligible to enter candidates for the President's Medals. Nominations from overseas schools are increasing, and this is the trend that the RIBA is keen to encourage, helping the awards to become a recognition of the very best student work globally. The accredited schools are:



## ARGENTINA

· University of Mendoza



#### AUSTRALIA

- · University of Canberra
- · University of Technology, Sydney
- · University of New South Wales
- · University of Newcastle, New South Wales
- · University of Sydney
- · Queensland University of Technology, Brisbane
- · University of Queensland, Queensland
- · University of South Australia, Adelaide
- · University of Adelaide
- · University of Tasmania, Launceston
- · Royal Melbourne Institute of Technology, Victoria
- · University of Melbourne
- · Deakin University, Victoria
- · Curtin University of Technology, Perth
- · University of Western Australia, Nedlands



# BULGARIA

· University of Architecture, Civil Engineering & Geodesy, Sofia



#### CHILE

- · Central University Santiago
- University of Chile, Santiago
- · University of Bio Bio, Concepción
- Pontifical Catholic University of Chile, Santiago
- · University of Valparaíso
- · University of La Serena
- · University of Talca (candidate status)



### CHINA

- · Chinese University of Hong Kong
- · University of Hong Kong



### COLOMBIA

- · National University of Colombia, Bogotá
- · National University of Colombia, Manizales
- · National University of Colombia, Medellín
- · Catholic University of Colombia, Bogotá
- · Pontifical Bolivaran University, Medellín



#### **ENGLAND**

- Department of Architecture & Civil Engineering, University of Bath
- Birmingham School of Architecture, University of Central England
- · School of Architecture & Design, University of Brighton
- School of Planning & Architecture, University of the West of England, Bristol
- · Department of Architecture, University of Cambridge
- · Kent School of Architecture, University of Kent, Canterbury
- Canterbury School of Architecture, University College for the Creative Arts
- · Department of Architecture, University of Huddersfield
- School of Architecture and Landscape, Kingston University
- The Leeds School of Art, Architecture & Design, Leeds Metropolitan University
- Leicester School of Architecture, De Montfort University
- The Lincoln School of Architecture, University of Lincoln
- · School of Architecture, The University of Liverpool
- · Centre for Architecture, Liverpool John Moores University
- · Department of Architecture, Royal College of Art, London
- Department of Architecture, University of Westminster, London
   Department of Architecture & Spatial Design London
- Department of Architecture & Spatial Design, London Metropolitan University
- · School of Architecture, Architectural Association, London
- The Bartlett School of Architecture, University College London
- College of Art and Design, University of the Arts (Central St Martins)\* (Candidate status)
- Department of Architecture & Design, London South Bank University
- School of Architecture and Construction, University of Greenwich, London
- School of Architecture and the Visual Arts, University of East London
- The Manchester School of Architecture, The University of Manchester and Manchester Metropolitan University
- School of the Built Environment, Northumbria University, Newcastle-upon-Tyne
- School of Architecture, Planning and Landscape, University of Newcastle-Upon-Tyne
- Institute of Architecture, University of Nottingham
- School of Architecture, Design and the Built Environment, Nottingham Trent University

- · School of Architecture, Oxford Brookes University
- · School of Architecture and Design, University of Plymouth
- · School of Architecture, University of Portsmouth
- · School of Architecture, University of Sheffield
- · Division of Built Environment, Sheffield Hallam University



### **EGYPT**

- · Arab Academy of Science and Technology, Alexandria
- · Arab Academy of Science and Technology, Cairo\*



# GHANA

· University of Science and Technology, Kumasi



#### INDIA

- Kamla Raheja Vidyanidhi Institute for Architecture, Mumbai
- Rizvi College of Architecture, Mumbai
- · Manipal Institute of Technology, Manipal \*



# JAMAICA

· University of Technology



#### KENYA

 Jomo Kenyatta University of Agriculture and Technology, Nairobi



# MALAYSIA

University of Malaya



# NEW ZEALAND

- University of Auckland
- Victoria University of Wellington
- · UNITEC Institute of Technology



# NORTHERN IRELAND

- SPACE, The Queen's University of Belfast
- · School of Art and Design, University of Ulster, Belfast



# PAPUA NEW GUINEA

Papua New Guinea University of Technology



# POLAND

Cracow Institute of Technology



# REPUBLIC OF IRELAND

University College Dublin



### ROMANIA

· 'Ion Mincu' Institute of Architecture, Bucharest



#### RUSSIA

· Moscow Architectural Institute



#### SCOTLAND

- Scott Sutherland School of Architecture, The Robert Gordon University, Aberdeen
- · School of Architecture, University of Dundee
- · Department of Architecture, University of Edinburgh
- · School of Architecture, Edinburgh College of Art
- Department of Architecture, University of Strathclyde, Glasgow
- Mackintosh School of Architecture, University of Glasgow



# SINGAPORE

· National University of Singapore



# SOUTH AFRICA

- · University of Cape Town, Cape Town
- · University of KwaZulu-Natal, Durban
- University of the Free State, Bloemfontein
- · Nelson Mandela Metropolitan University
- · University of Pretoria
- Tshwane University of Technology, Pretoria
- · University of the Witwatersrand



# SOUTH KOREA

The Korean National University of the Arts (candidate status)



# SRI LANKA

· University of Moratuwa



## SWITZERLAND

Swiss Federal Institute of Technology, Zurich



# UGANDA

Makerere University \*



# UNITED STATES OF AMERICA

University of Maryland

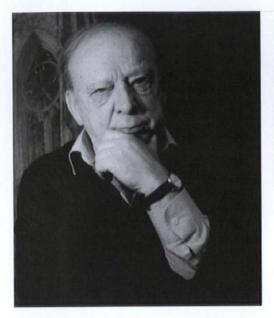


# WALES

· Welsh School of Architecture, Cardiff University

(\* Course has Part 1 recognition only)

# THE PRESIDENT'S MEDALS / ANNIE SPINK AWARD







# DALIBOR VESELY

# WINNER / ANNIE SPINK AWARD

Former AA and Cambridge University design teacher Dalibor Vesely has won the Annie Spink Award, the RIBA's biennial award which recognises excellence in architectural education. Born in Prague, where he studied architecture and art history, Vesely has taught for more than 30 years. His interests include the poetics and hermeneutics of architecture and his research and publications reflect a systematic attempt to restore the humanistic understanding of the subject. This culminated in the publication in 2005 of Architecture in the Age of Divided Representation (MIT), which won the 2005 CICA Bruno Zevi Book Award presented by the International Committee of Architectural Critics and the inaugural RIBA Trust Book Award.

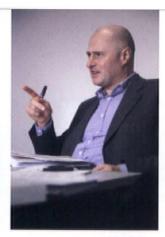
# ANNIE SPINK JUDGES

Simon Allford, RIBA vice president for education Professor David Dunster, University of Liverpool Jessica Hrivnak, RIBA dissertation medallist 2005 Samantha Hardingham, University of Westminster Ian Simpson, Ian Simpson Architects Speaking on behalf of all the judges, David Dunster, architecture professor at the University of Liverpool and one of the judges for the award, said:

'Vesely's teaching has been unique in carving a powerful intellectual path through the thickets of architectural education; in giving the students the belief that you can do architecture and be a human being at the same time. He connects thinking about the world around him and a passion for European cities with a very human sensibility. The RIBA is delighted to be able to celebrate the work of this unique educator'









From far left to right: winner Dalibor Vesely, group judging, and judges Samantha Hardingham, Ian Simpson, David Dunster, Simon Allford and Jessica Hrivnak

# LETTERS OF SUPPORT

The judges of the Annie Spink Award take into account letters of support from members of the profession making nominations. Since Vesely has been shortlisted several times, some of these predate this round of judging.

'It is no coincidence that the list of practices in the recent AJ 40 Under 40 included an unusually high number of Vesely's ex-students: David Hills (DSDHA); Julian and Cari-Jane Hakes (Hakes Associates); Patrick Lynch (Lynch Architects); Pippa Nissen (Nissen Adams); Adam Richards; and Stephen Witherford and William Mann (Witherford Watson Mann Architects)' Phil Meadowcroft, Meadowcroft Griffin Architects, 2006

'I have not met anyone in the field of architectural education who equals Vesely as a knowledgeable, ever-thoughtful, and (most importantly) caring mentor'

Karsten Harries, professor of philosophy, Yale University, 2006

'This is without doubt one of the most seminal and ethical educators on the British architectural tradition over the past two decades and as such he is long overdue for proper recognition by the RIBA' Kenneth Frampton, Ware Professor of Architecture, 2006

'Vesely has not only inspired generations of students, he has inspired the teachers. Indeed there are many excellent teachers out there that have no idea that many of the values they hold, the ways in which they teach, owe a debt to him. Vesely has become part of the culture of architectural education, a culture that has been immeasurably enriched in the process'

Helen Mallinson, department of architecture and spatial design,
London Metropolitan University, 2006

'His formidable, original and lovable intellect has been devoted for more than 30 years to the expansion and flowering of architectural understanding. Not in books, not in buildings, not in remote official committees, but in the hardest and most inventive graft of all — the installation of awareness and inspiration by word of mouth. Vesely has given his wealth in the place where it matters more than anywhere: teaching, and the transformation of a new generation' Katherine Shonfield, 2000

# THE PRESIDENT'S MEDALS / SPONSORS

### OPENING UP A NEW DIMENSION

Modern society is engrossed in a visual culture, and the architecture industry, with its increasing focus on experimenting with modern design and visual techniques, is no exception.

3D computer modelling has opened many doors for architects. It gives us the freedom to be more efficient, creative, verify our designs as we go and assert more control over the end product. Clients are increasingly demanding creative, bold designs for new buildings, and architects are responding to this by using 3D programmes to test the boundaries of design by creating complex shapes while finding forms that work well and, most importantly, achieve accurate and pragmatic designs.

This technique is becoming central to effective teamwork between architects and engineers, thereby encouraging a truly multidisciplinary mindset in new building projects.

And, as an evolutionary tool, 3D modelling has the potential to see a project through from initial concept design to construction, facilitating a streamlined process and helping to eliminate room for error.

Addressing both micro and macro elements of a scheme within the one design means we are not only creating a design on an urban context level, but also applying intricate details. By fabricating bespoke elements, such as building components, the manufacturing industry benefits too.

With this technology comes a much higher rate of efficiency. Designs can be reviewed quickly by colleagues and clients and easily developed.

This means architecture graduates, who leave university proficient in the use of 3D programs as a design tool, have the opportunity to bring their talent to the table much earlier in their careers than they would have done previously. The fast, interactive nature of 3D modelling enables them to be actively involved in a project as early as when the client gives the brief. And of course, this injection of creativity from enthusiastic new architects goes hand in hand with client demands for fresh ideas.

As an architect, there is much satisfaction to be gained from being involved with a project from concept design right through to construction. With these modern design techniques comes the opportunity for graduates to make a real impact from the first day on the job. It's an exciting time to be taking your place in the profession.

James Ewen, graduate architect, Atkins

PRINCIPAL SPONSOR



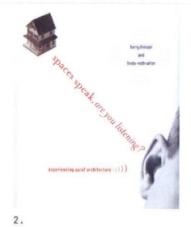
Acanthus Ferguson Mann Architects Alison Brooks Architects Allford Hall Monaghan Morris Andrzej Blonski Architects Arup Assael Architecture Associated Architects Building Design Partnership **Buschow Henley David Morley Architects** Donald Insall Associates Edward Cullinan Architects Farrells Feilden Clegg Bradley Architects Fletcher Priest Architects Foreign Office Architects Foster & Partners Grimshaw Halsall Lloyd Partnership **HLM Architects** HOK International Hopkins Architects Ian Ritchie Architects Ian Simpson Architects Jestico + Whiles Kohn Pedersen Fox Associates Marks Barfield Architects Michael Aukett Architects **NPS Property Consultants ORMS Designers & Architects** Pringle Brandon PRP Architects Richard Rogers Partnership Rolfe Judd RTKL Scott Brownrigg Sidell Gibson Partnership SMC Alsop Studio Bednarski The Tooley & Foster Partnership Zaha Hadid

ASSOCIATE SPONSORS



# **TECHNICAL & PRACTICE / UPDATE**





- 1. Summary of a two-year research project at the University of Sheffield (News)
- 2. Beyond acoustics to aural architecture (Books)

# THIS WEEK ONLINE

· Available only online this week, we continue our series on renewables, by considering wind energy. We look at the viability of different sitings and scales of turbines, from the higher efficiencies of the rural wind farm to the relative inefficiencies of the domestic-scale urban installation, and at the costs and benefits and the practicalities of installations today. www.ajplus.co.uk/ sustainability/renewables

#### **TECHNICAL NEWS**

- The Housing Corporation's Flexible Housing: A Guide, by Jeremy Till and Tatjana Schneider, was launched recently at a seminar at the Building Centre. Targeted in part at architects, the guide includes a checklist of design strategies and tactics that can be used to achieve greater flexibility in housing. It is available for £10 from flexiblehousing@sheffield.ac.uk.
- NBS Shortcuts is a new series of illustrated, four-page 'how-to' articles covering a wide range of practice, regulatory and design guidance. A free preview and subscription details are available at www.thenbs.com/buildingregs. A selection of Shortcuts is running 10 times a year in the AJ's technical pages (see overleaf).

# **TECHNICAL EVENTS**

Making Part L work: Issues, Solutions and the Way Forward 7 Dec, 9:20am-2:00pm CIBSE, 222 Balham High Road, London SW12 9BS www.cibse.org/events

How Do I Become a Domestic Energy Assessor? 11 Dec, 3:45-6:00pm Free meeting BRE, Watford www.bre.co.uk/events

Town Planning Conference

11 Dec, all day

Jury's Hotel, Great Russell Street,
London WC1B 3NN

A chance to examine the
DCLG's new plan system
and plans submitted under the
Local Development Framework.

www.tandfevents.com/
planning

Concrete in Aggressive Ground

Dec 13,9:30am-4:30pm

BRE, Watford

New guidance for concrete in ground that contains aggressive chemical substances.

www.bre.co.uk/events

# **BOOKS**

Spaces Speak, Are You Listening? Experiencing Aural Architecture
Barry Blesser and Linda-Ruth
Salter, The MIT Press, 2006, £25.95
Blesser and Salter explore
the intriguing concept of aural architecture, arguing that every
environment, from Gothic
cathedrals to today's home
theatres, can be understood
by 'attentive listening'. Their
interdisciplinary book ranges
from architecture, acoustics and
audio engineering to cognitive
psychology and anthropology.

Tiventy-Five Years on Tiventy
Estates: Turning the Tide
Rebecca Tunstall for the Joseph
Rowntree Foundation,
The Policy Press, £12.95. (view free
at www.jrf.org.uk/bookshop/
eBooks/1812-progressunpopular-estates.pdf)
Concluding on a note of
cautious optimism, this report
tries to unravel issues of
ownership, management,
redevelopment and policy
to assess conditions on 20
unpopular English estates.

# THE DISTANCE AT WHICH TREES CAN AFFECT A BUILDING IS QUITE SIGNIFICANT

Text and illustration by Austin Williams

The second in our series of NBS Shortcuts examines the effects of tree-root systems on building design. Foundation design needs to take account of the water-absorbing capacity of nearby trees, as well as potential groundswell caused by trees that have been removed. This guide highlights the dangers to structures that may be caused by the proximity of certain species of tree.

Most trees in the UK have a significant radial root system, extending one to one-and-a-half times the height of the tree. Severing just one of a tree's major roots during careless excavation for construction or services can cause the loss of up to 20 per cent of the root system; this undermines the tree's ability to absorb water and also leaves it unstable in high winds. Therefore, when laying service pipes, it is advisable to tunnel under the root system if possible, running the pipes under the middle of the tree (on plan) if necessary.

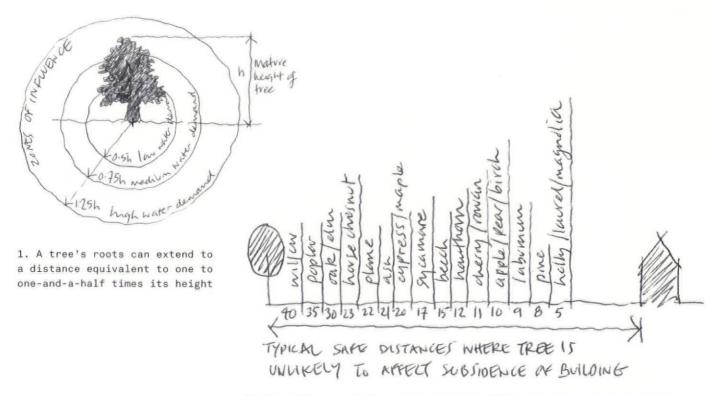
In general, 80–90 per cent of all tree roots are found in the top 600mm of soil and almost 99 per cent of the tree's total root length occurs within the topmost 1m of soil, with some variations depending on soil porosity. The undoubted nuisance that fine root systems create for the development of specific sites has to be weighed against the importance that they play in soil stabilisation on sloping ground (acting in a similar way to geotextile matting).

Only a few mature species, such as oak, pine and fir, have significant central tap roots – the main, central roots from which the others spread – and, in most instances, even these extend

downwards by only about 2m. So it is the radial tree roots that extend outwards that are of primary concern here; these can influence soil conditions well beyond the circumference of the tree's leaf canopy. With around £400 million worth of tree-related insurance claims made every year in the UK, it is worth considering what precautions are needed to build near them.

It is always recommended that construction takes place as far away from trees and established vegetation as possible, because the distance at which tree roots can detrimentally affect a building is quite significant. Damage directly caused by proximate tree roots, such as roots exerting pressure on underground services and cracking drains, is quite a rare occurrence. The most important consideration for designers should be the secondary effects caused by changing ground conditions near a tree, caused by varying degrees of moisture removal.

Architects should check ground samples and liaise with the local authority and/or National House-Building Council (NHBC) guidance to see if they have any specific requirements to deal with local conditions. As a rule, for construction near trees, clay soils are more problematic than porous/sandy soils because of their increased water retention and their potential to swell in heavy rain. Conversely, healthy trees take large amounts of water out of the soil, often forcing clay soils to shrink. Each such action exerts a significant pressure on the foundation, causing cracking and subsidence. It should be borne in mind that around 60 per cent of all of the UK's housing is built on shrinkable clay.



2. The influence of the root system declines with distance from the tree

It is important to remember, though, that removing trees will also affect ground conditions. Having recently removed a tree means that the moisture that would otherwise have been absorbed diurnally from the ground will remain, allowing the soil to swell and heave – the condition whereby water that would otherwise have been removed swells clay soil, causing pressure on trenches and slab foundations.

Similarly, deciduous trees have a seasonal impact on ground moisture content, with winter rainfall rehydrating soil that has dried over summer, a time when dormant root action takes less water out of the ground. Given that mature elms, oaks, horse chestnuts, planes and ashes can draw up to 50,000l of water a year from the surrounding soil, the consequent soil-water retention, or frost, can lead to significant heave. Worst-case examples have resulted in concrete slabs being pushed into humps as the soil expansion exerts an upward pressure on the floor slab. Similarly, trench foundations can crack, with consequent movement affecting the structure above.

# ZONES OF INFLUENCE

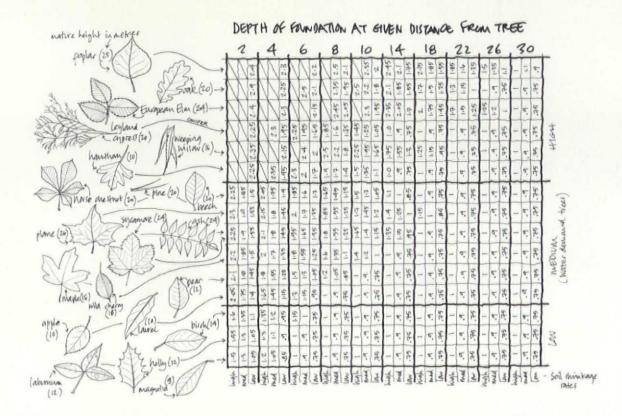
All trees have radial 'zones of influence' on buildings, that diminish the further away from the tree the construction takes place. As a rule, it is recommended that properties be built at least a distance equivalent to the tree's height away from that tree. Attempts to insert a root barrier around a construction (eg. a polypropylene or similar geomembrane) to dissuade root growth near a foundation

often only cause roots to grow under and around it. Root barriers are also difficult to install, frequently compromising existing root growth, with the consequences described earlier. However, while using root barriers to block an existing tree's root system will tend not to work, installing these barriers to control a new tree's growth is more likely to be successful.

So first of all make an assessment of the ground conditions: the soil bearing, porosity, voids, root spread, etc.

Secondly, BS 5837 suggests that an aboriculturalist should be called in to identify the various trees on site, making note of all the species and locations. In reality, many building-control bodies do not need an arboricultural report on simple sites with common trees in non- problematic conditions, so it is worth discussing this early on the process. Also, be aware that with 150 million urban trees in Britain, a vegetation survey must include reference to conditions beyond the site boundary. Just because you can't see it from your site doesn't mean that it isn't going to affect what you build there. Of the seven million street trees in London alone, some 1 per cent are reputed to have been found liable for damage to properties.

The depth of the building's foundation that will be necessary to cope with soil shrinkage will depend on the type and proximity of the tree cover on and around the construction site. Bear in mind that the trees on a site might not have fully matured and it is advisable to consider their fully matured height when planning foundations.



3. Indicative distances at which deep-trench foundation is adequate

Implementing a policy to prune or lop trees to prevent them from growing to full height is not a workable, long-term strategy for controlling the root network. A crown reduction of 70 per cent by volume (approximately 35 per cent height reduction) reduces the water draw by only a small amount and only during the year of pruning. In subsequent years the soil moisture levels return to normal. This is partly because pruning encourages shoot growth and hence larger leaves, which then make similar demands on the water absorption capacity of the root system.

The removal of trees altogether can leave significant rehydration problems in the soil. Where trees have been recently removed, foundation depths should still be designed to suit the height of the tree (see diagrams on p45). However, if the removed tree had not reached half the mature height, then the actual height can be used with NHBC guidelines to assess the foundation depth – provided that its height can be stated with some certainty.

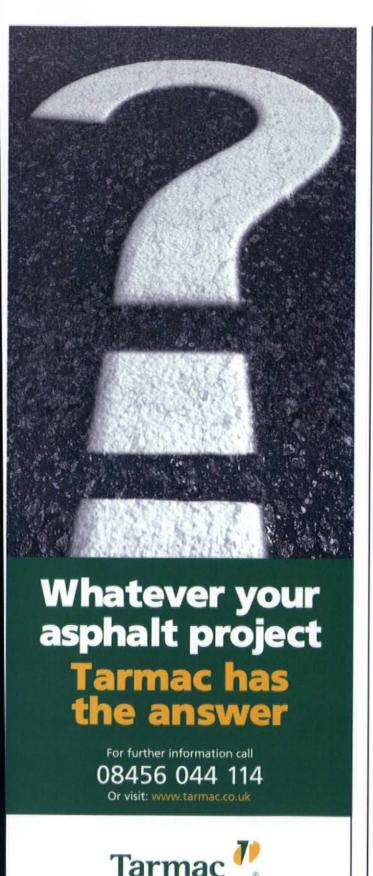
The table above provides some indicative safe distances at which a standard 900mm or 750mm deep trench foundation is adequate. Where trees give rise to the need for foundation depths of up to and over 2.4m (where crossed in the table), then engineered foundation designs are recommended. The distance between trees and foundation should be identified on the table together with information about the relevant height of the tree, and the high, medium or low shrinkage nature of the soils, to enable you to read off the foundation depth. Where two or more

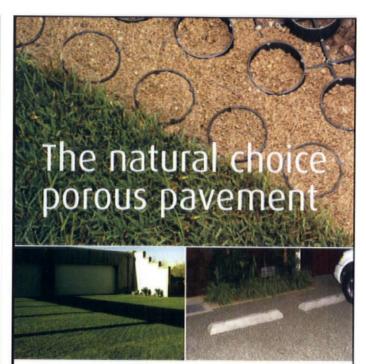
trees influence the foundation, design and specify to the deepest requirements.

Specific conditions of trees and their ground conditions might result in an engineered solution less onerous than the ones quoted in the table. Also, exact surveys ought to reveal problematic conditions such as porous soils overlaying clay soil, underground drainage, water table height and other compensating or exacerbating factors.

The table above, however, is simply a rule-of-thumb guide to foundation depths, with a built-in contingency for certain unforeseen circumstances. Research into the actual, rather than perceived, tree action, the soil 'reaction' and the existing site conditions can be undertaken to provide real evidence of the site conditions, rather than the simplified relationship between vegetation proximity and foundation depth drafted here.

Essential reading: National House Building Council (2006) 'Building Near Trees', Chapter 4.2; BS 5837 (2005) 'Trees in Relation to Construction. Recommendations.' For further references, see the online version of this article at www.ajplus.co.uk. For more information on NBS Shortcuts visit www.thebuildingregs.com





Proctorpave with either a natural grass or gravel finish are unique plastic porous pavers which allow stormwater to infiltrate naturally into the underlying strata, thus reducing stormwater run-off and the need for underground stormwater drainage systems.

ENVIRONMENTALLY FRIENDLY
Manufactured from 100% recycled material. With 185kg of recycled plastic consumed and kept out of landfills per 100m² of product installed.

Supplied in patented 20m<sup>2</sup> rolls for fast installation; two men can lay 200-300m<sup>2</sup> per hour (compared with 20 – 60m<sup>2</sup> per hour for typical block systems).

Conforms to undulating terrain and alleviates freeze thaw, heave and lifting.

Rolls cut and shaped with pruning shears (competitor block systems require cutting with handsaws and are difficult to shape).

# INVISIBLE ON COMPLETION

100% Grass and Gravel coverage therefore aesthetically pleasing.

Free hydrogrow polymer fertiliser with all proctorpave natural grass finish orders to enable quick grass establishment.

Proctorpave gravel finish comes with a geotextile bonded to the rings to stop migration of the gravel into sub base and further decrease installation



Thermal Insulation • Construction Membranes • Acoustic Insulation Vibration Isolation • Geoengineering Solutions

> 01250 872 261 www.proctorgroup.com

Available online: NBS Specifications - BBA's - Technical Data - Fitting Instructions - Case Studies

**ENQUIRY 19 ON CARD** WWW.AJPLUS.CO.UK/AJDIRECT

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



# THE AIM IS TO LODGE ALL APPLICATIONS ELECTRONICALLY

By Brian Waters

From October 2007, the National Standard Planning Application Form (1APP) will become the only official method of submitting planning applications for most types of consent to English local planning authorities (LPAs).

The Department of Communities and Local Government (DCLG) describes 1APP as a key part of its 'commitment to make the planning system simpler, faster and easier to use'.

The standard form is also aimed at mandating electronic applications and the online version will be made available at the government's Planning Portal (www.planningportal.gov.uk). and (optionally) at LPA websites. Planning Portal will introduce the form to local planning agents and architects at workshops across the country.

The form will cover a range of applications, including householder, planning permission, listed-building consent, conservation-area consent, tree applications and advertisement consent.

Local planning authorities have been allowed to add non-standard requirements if they can be justified by local circumstances, so applicants will have to check for these before relying on the standard form.

A paper form will be available from LPAs, but the idea is that all applications will be lodged electronically, with the increasing proliferation of supporting documents being supplied as pdf files.

This is where the Planning Inspectorate (PINS) has come a cropper. In spring, PINS switched to an all-digital regime that encouraged digital applications, and scanned all drawings and documents received by mail, apart from the largest public inquiry cases.

In practice, appellants tended to submit the electronic form, with both appellants and LPAs mailing the wodges of accompanying documents. An appellant's decision to negotiate with the LPA or to appeal is often affected by the amount of time an appeal decision might take; before the switch, PINS was remarkably efficient at validating appeals and issuing their timetable letters – often by return of post. But the adoption of scanning has led to an additional delay of five or more weeks in validating appeals.

Writing in the current issue of Planning in London, (www. planninginlondon.com), Andy Rogers points out that the further delays in validating appeals caused by 'e-planning' should be counted in decision periods and PINS' targets. If they were, he assesses that the PINS' poor (but improving) record for deciding 54 per cent of written appeals within its 16week target would be far worse; and that the figure for deciding hearings within the 30 weeks would be zero, rather than 16 per cent (see www.planninginspectorate.gov.uk/pins/

appeals/planning\_appeals/ Planning\_appeal\_handling\_ times.htm).

A few weeks ago PINS announced: 'Due to a sharp rise in the number of new appeals and associated submissions, we have reluctantly decided to suspend scanning of documents we receive from 18 September 2006. This in turn means we will not be publishing evidence on appeals from the same date – the summary case details, including progress information, will still be available, and we will continue to publish the decision when it is made.'

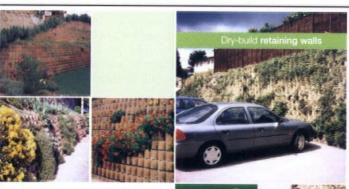
In fact PINS decided that it made no sense to go on doing everyone else's scanning for them.

Let's hope the e-planning ambitions for 1APP are more successful. Meanwhile, look out for some second-hand scanners on eBay.

Brian Waters is principal of the Boisot Waters Cohen Partnership. Visit www.bwcp.co.uk



ENQUIRY 21 ON CARD WWW.AJPLUS.CO.UK/AJDIRECT



# landscape walls by design

# betoconcept

- Environmentally sound, dry-built plantable or split-stone retaining walls
- Impressive and attractive system
- Free, warranted design service
- Available as supply and build or supply only
- Choice of colours at heights up to 22 metres

#### Living solutions from Grass Concrete

Grass Concrete Limited

Walker House, 22 Bond Street, Wakefield, West Yorkshire WF1 2OP, England. Tel: +44 (0)1924 379443 Fax +44 (0)1924 290289 Email: info@grasscrete.com

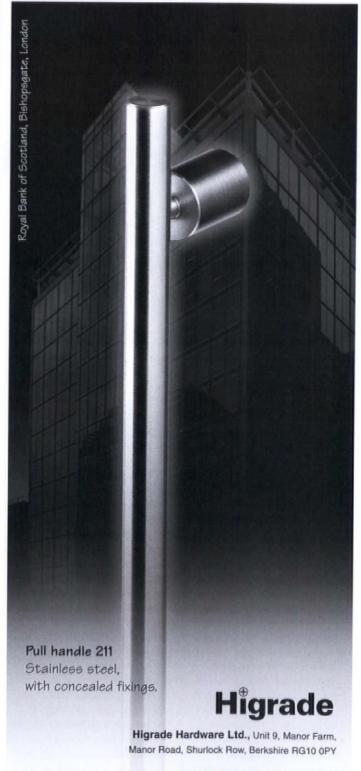




VIELER

grassconcrete

ENQUIRY 22 ON CARD WWW.AJPLUS.CO.UK/AJDIRECT



Tel: +44 (0) 1189 349268 Fax: +44 (0) 1189 345469 E-mail: mail@higrade.co.uk Web: www.higrade.co.uk

Also at:

902 Stanhope House, 734-738 Kings Road, North Point, Hong Kong Tel: (+852) 2911 0086 Fax: (+852) 2561 6950 E-mail: mail@higrade.com.hk Web: www.higrade.com.hk

ENQUIRY 23 ON CARD WWW.AJPLUS.CO.UK/AJDIRECT

# JARGON 2.0 IS SET TO BE THE LATEST WEB LANGUAGE

I recently came across a web story by a hack complaining that every new incarnation of applications and computer-management theories would be now given the suffix 2.0, in imitation of Web 2.0, a buzzword for a supposed 'second generation' of internet sites and services.

He writes, 'I have no quarrel with Web 2.0...' Hold it right there. This is cakeand-eat-it stuff, because he knows all to well that Web 2.0 is about as meaningful a phrase as url2 or Linux Two.

Down the pub tonight, when you hear 'Web 2.0' across the rustle of job ad pages and the tut-tutting over smokers, either knee the source discreetly in the groin or ask it exactly what the term means.

And if you find yourself, ahem, being challenged after uttering the words, look loftily down your nose and ask why a so not up-to-date person would need to know. But watch out for the knee thing.

Remember Tinyurl, the site that truncates long, complicated web addresses? Well, now there's another site doing much the same: http://snipurl.com. Just type snipurl in your browser's address box and it gets there just as quickly. You paste the link into one of your browser bars and use it from there. sutherland.lyall@btinternet.com

# **WORKING IT OUT**

When a party claims that its rights are being infringed, the court can step in and grant an interim injunction to maintain the status quo while the rights and wrongs are sorted out, writes Sue Lindsey.

There are various circumstances in which interim injunctions may be used to halt building works, including, for example, a claim for an infringement of a right to light, or a local authority temporarily stopping works alleged to be in breach of some statutory provision.

Stopping work on a site will almost inevitably lead to financial loss for the developer. If it is ultimately found to be in the wrong, any delay loss can properly be laid at its door. But what if the developer is vindicated? It will, not surprisingly, want the failed claimant to pay up.

The mechanism used to achieve this is that the party wanting to stop the work usually gives an undertaking in damages to the court, so that in the event that their claim fails, damages can be ordered against them. The court cannot force someone to give an undertaking in damages, but if they don't, the court may be reluctant to grant the injunction.

The exception to the rule is when it is a local authority seeking the injunction. It is then unusual for the court to require an undertaking in damages, not least because the local authority is simply trying to act in the best interests of the public, rather than protecting a private right.

The usual position when a claim has failed is that the undertaking in damages will be enforced, but the court can refuse enforcement if there are special circumstances.

A case in point was Regan v Paul, a right-to-light case previously discussed in this column (AJ 14.09.06). The judge concluded that although Mr Regan's right to light was infringed, he was not entitled to a mandatory injunction, and damages were ordered instead.

While the dispute was continuing, the developer's work on site had been restricted for four months. Mr Regan had given an undertaking in damages, so after the mandatory injunction was refused, the developer went back to court to try to recover its delay loss from him.

Happily for Mr Regan, the judge decided that he did not have to pay the damages to the developer. The reasons included the fact that the developer had acted unlawfully. There was an infringement, even though it did not merit a permanent injunction, but for a long time the developer had argued that there was no infringement.

Further, Mr Regan was already going to face financial hardship as a result of the costs order made in the main action, and the judge concluded that it would be unjust for him to have to pay more.

Lastly, and importantly from the view of developers, it seems that where there are doubts about restrictions on development, the court expects a prudent developer to sort out the problems before they start work. The court will not want to give a developer the benefit of an undertaking in damages that was only given because the developer pressed ahead without first checking its neighbour's rights.

The Court of Appeal has now granted Mr Regan an injunction, which will be discussed in a future column. However, the ruling on enforcement, although no longer relevant to Mr Regan, remains a helpful example of the workings of undertakings.

Sue Lindsay is a barrister at Crown Office Chambers in London. Visit: www.crownofficechanbers.



# Total guarantee, total protection up to 30 years

The Kingspan TOTAL Panel Guarantee covers all of the key performance areas for Kingspan Insulated Panels, roof, wall and facade systems in a single comprehensive package.

- Thermal Performance guaranteed for up to 25 years
- Structural Performance guaranteed for up to 25 years
- · Coating and panel durability for up to 30 years

The package includes the Kingspan Field Service Engineering Support Service, installation training, site inspection service, guarantee certification and increased speed of erection through mechanical handling solutions.

Envirocare Technical Services, also part of the package, offers best practice advice for compliance and also will carry out Energy Performance Calculations to ensure your building is totally compliant.













ENQUIRY 24 ON CARD
WWW.AJPLUS.CO.UK/AJDIRECT

Insulated Panels

vision is nothing without direction realise your ambition

www.adrem.uk.con

41-42 Foley Street, London WIW 7TS. U

T: +44 (020) 7436 16

F: +44 (020) 7436 13: E: architecture@adrem.uk.co

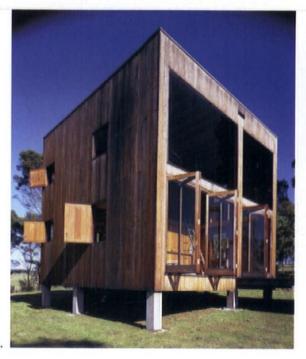
**ENQUIRY 25 ON CARD** WWW.AJPLUS.CO.UK/AJDIRECT

# REVIEW

# BOOK

By Neil Parkyn

Wood Houses By Ruth Slavid. Laurence King, 2006. 208pp. £30





2

 Nicholas Murcutt's Box House in New South Wales
 Will Bruder's Riddell House in Wyoming

Wood and houses seem to belong together, since wood is a natural material of great flexibility, with tactile and visual appeal and proven performance. Introducing her book, Ruth Slavid takes us briskly through the history and precedents for timber in housing, by way of Taliesin West, Villa Mairea and the Sea Ranch, to current multi-storeu prefabrication. This sets the scene for a celebration of the sheer versatility of wood as used to build dwellings.

Unlike many packaged collections of buildings in print, each house is fully and generously described, placing it in the context of the architect's other work; explaining the often very particular brief; and setting out the design response. Especially welcome are the 'virtual tours' of these houses,

the reader being led through the interiors and around the site as a guest might experience them. Why and how wood was used and the distinct personality that results are deftly described.

A clutch of 'retreats' and 'simple houses' head the themed chapters. Dreams of the great outdoors, of an escape to sylvan or shoreline cabins, have often materialised in wood, starting with the beguiling model of the tree house itself – exemplified here by a lavish number in Tuscany, designed by one former rock musician, Roderick Romero, for another, Sting.

The 'retreats' range from the truly spartan, such as the four square Box House designed by Nicholas Murcutt (son of Glenn) for artist clients, by way of the crisp geometry of Brian MacKay-Lyons' convincing take on the

shipbuilding traditions of Nova Scotia in his Messenger House II - as taut as any wind-racked boatshed - through to the bizarre but beguiling antics of the Accordion House. This creation, by the Dutch duo of Maartje Lammers and Boris Zeisser, takes a lakeside fisherman's cabin in Sweden and grafts on a zoomorphic section that can be extended by a system of ropes and pulleys. Lined with reindeer skins inside and clad with undulating shingles, the result is a welcome departure from familiar timber cabin-land.

In the right hands, wood can deliver a calm sophistication. It provides an effortless blend of warmth and elegance, whether in the form of a deceptively simple studio house by Will Bruder Architects, set in an aspen glade in Wyoming, where a rectangular envelope belies lively twists of the plan within; or in the form of the two dramatic suspended staircases of untreated iroko wood leading skywards though a Parisian house extension by Christian Pottgiesser and Florian Hertwerk.

This book is not exclusively about freestanding, bespoke delights. The challenge of urban housing in timber is hinted at by examples, but would merit a volume of its own. What makes *Wood Houses* so attractive is the author's ability to tell the story of her chosen projects with real enthusiasm and panache.

Neil Parkyn is a London-based architect and writer on design



# **BOOK**

By Murray Fraser

Sauerbruch Hutton: Archive Lars Müller, 2006. 345pp. £44.90

1.

One of the silliest architectural debates has to be the recent hoo-hah about 'icons' versus 'ordinary buildings', as if all urban societies over the ages haven't needed a combination of both. More curious is why any architect would wish to align themselves on one side of these complementary categories — and why there aren't more architects skilfully mixing the two.

Of those who do manage to blend the iconic with the quotidian, among the more talented working today has to be Sauerbruch Hutton, the Berlin-based, Anglo-German practice. Sauerbruch Hutton is best known for its office-tower refurbishment for the GSW housing cooperative, just off Berlin's Friedrichstrasse. When that project was going up in the late-1990s, the word on the

street was of something exceptional; 'Like Koolhaas but better detailed,' was a typical comment of those who had seen it. It turned out fine, earning a place on the 2000 Stirling Prize shortlist.

So what are the characteristics of Sauerbruch Hutton's work? The partners, Matthias Squerbruch and Louisa Hutton, met at the Architectural Association in the 1980s, but have very different intellectual pedigrees. Squerbruch worked for Koolhaas/OMA, notably on the Checkpoint Charlie apartment block, which has a perforated black quiff that was a real hit in its day. From this background comes a preference for diagrammatic plans, expressed in crisp and clean form. The typical Sauerbruch Hutton plan, however, tends to

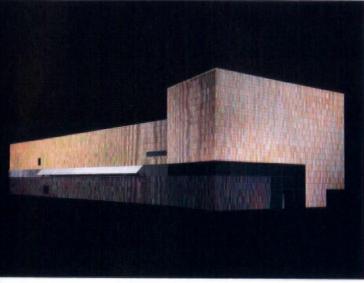
have an ultra-curvaceous shape – like an amoeba extruded vertically to the height needed for the function. It makes for sophisticated cookiecutter architecture.

But of course there is much more to the practice's buildings, and another strand seems to stem from Hutton's education with Peter Salter and her spell in the office of Alison and Peter Smithson. This produces an interest in the social purpose of architecture and in environmental sustainability.

So far, the jobs designed by Sauerbruch Hutton are very much those of the German re-unification period, typified by a headquarters for the environment ministry in Dessau; or a small Berlin police/fire station; or research laboratories in Biberach and the Berlin suburbs. Its attention to lowenergy performance leads to the frequent use of double-skin walls, as adaptations of trombe wall construction, with air ducted between the twin leaves for extra heating or cooling.

From both partners comes one further architectural fascination, well represented in this exemplary monograph. That extra dimension is the stunning use of architectural colour, and not in the tokenistic application of primary colour to flat rendered surfaces that was the common resort of Modernist architecture. This they ascribe to Modernist 'chromophobia' – the fictitious belief that moral purity resides in white.

Instead, they favour integral polychromy, an urge that dates perhaps to 19thcentury advocates such as William Butterfield or Gottfried



- 2.
- 1. Fire & Police Station, Berlin
- 2. Brandhorst Collection, Munich

Semper, and which more recently got an architectural airing with James Stirling or Venturi Scott Brown. But the use of colour by Sauerbruch Hutton is of a different order, painstakingly introduced in many different ways and driven by closer study of perceptual phenomena. Its buildings sport varieties of multi-coloured cladding sheets, tiles, blinds and window frames – often contrasted with natural timber finishes for heightened effect.

The result is a series of powerful, iridescent, seemingly pixellated architectural forms that demonstrate the folly of the 'icon' vs 'ordinary building' debate. If designs for relatively humdrum institutions in unsung locations can be as exquisite as the projects on show here, then architecture definitely gains a richer mode of expression.

Sauerbruch Hutton is the real deal: bags of design ability, lots of serious thought. A few years ago I took a group of students to visit its office in a large converted factory in north Berlin; what impressed us utterly was finding an entire floor devoted to making superb models of all sizes and all project stages. This is sensuous architecture, but with a keen social intent. Squerbruch Hutton will surely go from strength to strength, and this book shows whu.

Murray Fraser is a professor in the department of architecture at the University of Westminster



# CRITIC'S CHOICE

By Andrew Mead

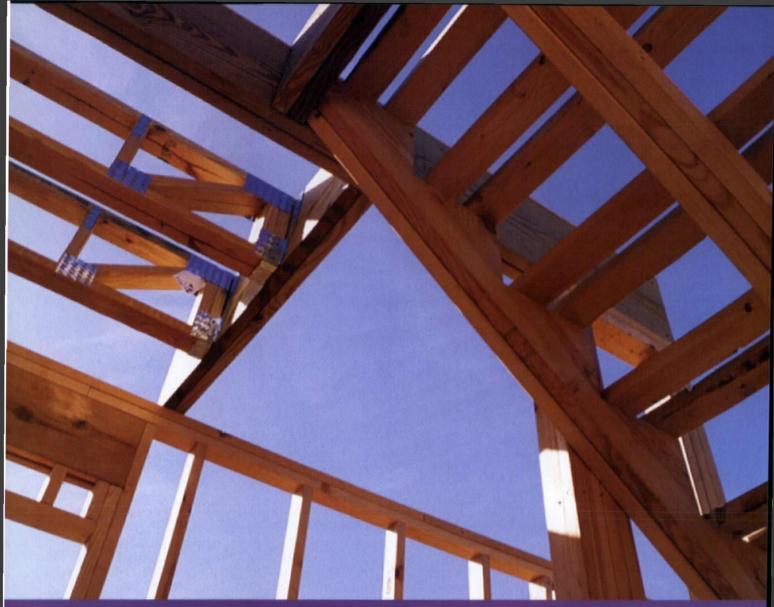
The still-life paintings of Giorgio Morandi, with their studied arrangements of bottles, tins and vases, are often thought to conjure up architecture or to resemble Italian cityscapes. But some of Morandi's subjects are more directly architectural, with scenes where a villa in Bologna or a barn in the countryside are reduced to their essence: a terracotta roof, a wedge of shadow, a gable wall baking in the sun. They have nothing to do with photorealism, for Morandi's brushmarks are always evident: the painted illusion and the way it's manufactured are held in balance.

Morandi comes to mind on seeing a beautiful show of paintings by *Vicken Parsons* in *Stephen Marshall*'s Artist's House at the New Art Centre, Roche Court, near Salisbury. Her works are even smaller than Morandi's (the one above is just 12 x 12cm, the largest no more than 21 x 25cm), so the sense of a visual experience being distilled is very pronounced. But as Morandi did, Parsons works in series, with small variations from one piece to another. Her shades-of-grey palette is much like his, as is her economical (almost cursory) drawing and, at times, even her application of paint. Yet in these 18 modest oils she creates her own particular world.

In one group, Parsons watches how light falls in a corner of a room and how it steals across a wall. In another series, three freestanding planes define an outdoor space, with an opening onto the landscape at the end. This could be one of Barragán's courtyards, but without his polychromy; on the rare occasions colour does appear in these paintings (eg. a bar of orange in one near-abstract work), it really tells.

Parsons never totally obscures the wood and glass that she paints on, so those materials are integral to the overall effect. The glass pieces, partly painted on both sides and fixed 2cm proud of the wall, are especially subtle, with their various veilings and reflections.

These paintings quietly urge you to slow down and concentrate; they cast a spell. In its architecture, the Artist's House already has a feeling of repose, which they reinforce. They are on view there until 4 February and are worth quite a journey to see (www.sculpture.uk.com). For forthcoming events visit www.ajplus.co.uk/diary



# CREATING THE CAPACITY AND THE CAPABILITY TO DELIVER



INNOVATIONS BUILT FOR THE ENVIRONMENT

27 February - 1 March 2007 | Earls Court 2 | London









INNOVATIONS IN CONSTRUCTION

www.futurebuild.co.uk

ENQUIRY 26 ON CARD WWW.AJPLUS.CO.UK/AJDIRECT



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





# Architect required for small Practice in Essex

A well established and busy High Street Practice established in 1988.

Opportunity would suit newly qualified self-employed Architect with Associate or Partnership development potential.

Apply to P O Box No 3228 151 Rosebery Avenue London, EC1R 4GB

Tease contact Dave Smith to discuss these and many more exciting jobs on: Tel: 01788 812750 Mobile: 07810 624036 email: daws smith@daservice.co.uk



# Birmingham Vacancies Architect and Technician

Vac ref 1206-011

Permanent

My client is a well respected and expanding name within Architecture with a reputation for high quality design within the Residential and Commercial sectors.

They are now seeking an Architect and an experienced technician to join them on a permanent basis. Initially the work will involve an Office/ Commercial development in the West Midlands, but the client is keen to develop the skills of any candidate who joins them and with this in mind is seeking people who are wanting to work on a wide range of projects.

# M E P K

# ARCHITECTS

Busy Practice requires an Architect and an Architectural Assistant to join its Bedford Office.

Applicants should be talented and motivated with experience in housing design and an interest in sustainability. Salaries are subject to qualifications and are negotiable. We also have vacancies in our London Office.



MEPK is an Equal Opportunities Employer

5A Harpur Street, Bedford. MK40 1PE. Tel: 01234 351221 bedford@mepk.co.uk Web: www.mepk.co.uk

# **IID ARCHITECTS**

Project Architect & Architectural Technologist

Are you a capable, ambittous project architect or architectural technologist with two to three years experience who is fed up with commuting daily into central London only to be left unsupported to deliver more than you can cope with?

IID is based in new offices in Richmond, Surrey. Our work is mostly educational — state and independent sectors — and includes research into the design of radical new learning environments working with enlightened educators. We enjoy our work and support each other. We are Investors in People.

If you're interested in joining us, email your CV to Info@lid.co.uk





#### JOBS ENQUIRIES

Laura Tilling 020 7505 6803 laura.tilling@emap.com Terry Roll 020 7505 6737 terry.roll@emap.com www.ajplus.co.uk/jobs

# Architectural Design and Build Company Offering

A new opportunity in Salisbury.

Would you love to provide design and build solutions to commercial and domestic architectural challenges?

Do you want be **rewarded** through projects that you can **truly influence?**Would you be **motivated** by securing an **interesting future** for yourself, **rewarding** yourself **financially** as well as being **happy** at work?
If you have a determined mindset that would be energised by a positive change in your career and you are ideally qualified (BIAT or RIBA) with a knowledge of relevant software packages please call:

Theresa Kenny on 07971 446942.

# Or e mail; tkenny@thetalentmanager.co.uk

Remuneration and rewards to be discussed individually. Would consider partnership with professional individual(s)

Ambitious talented recently qualified Architect and/or Part 2 Architectural Assistant with good communication skills required to work on several new exciting projects in London.

Applicants should have good working knowledge of either Vectorworks or AutoCAD pply in writing to Barbara Hughes, hristian Garnett Partners LLP, olborn Hall, 195 High Holborn, ondon WC1V 7B0 or email to hughes@christiangarnett.com



# Vision is nothing without direction Realise your ambition

# Retail Led Regeneration £32,000 - £45,000 pa

International practice requires experienced architects with UK experience for their retail-led design group. The group works on proposals in the UK and Europe and have a broad range of skills and experience. Retail experience desirable. Call Richard ARJ032301

# Headline Projects £35,000 - £42,000 pa

Clerkenwell design practice seeks talented architects for a range of exciting projects in the UK, Ireland, Europe and further a field. This modern design practice is at a very exciting stage in their evolution, with projects getting bigger and more prestigious. Call Richard ARJ030243

# Head up the Hotels c£50,000 pa + bens ++

Growing global practice, Qualified Architect with an abundance of hotel experience required to run a glamorous spa hotel plus hotels in Belize and Central London. Look to head up this new division. Call Tamsyn

ATC034285





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





barkerross.co.uk people@barkeross.co.uk 0115 948 3757





faststream
www.faststream.co.uk/aj









For Advertising
Enquiries
Please Contact:
Laura Tilling
0207 505 6803
Email:
laura.tilling

@emap.com

# **ARCHITECTS & TECHNICIANS**

# PROBLEM:

Architects and Technicians are poorly paid when compared to other industries.

# SOLVED:

Janine Stone is one employer that bucks this trend. With more than 50 staff across two offices (London & Manchester) the company provide generous financial packages and strong career opportunities that are considered amongst the best in the industry.

# JANINE STONE

RCHITECTURE & INTERIOR DESIGN

Due to an increasing number of prestigious projects we require:

Battersea Office: Experienced Project Architect Architectural Technicians 3D Visualiser

Altrincham Office: Senior Interior Designer

To learn how you could benefit from a career with Janine Stone in one of today's most lucrative and growing market sectors, please send full CV with examples of work to: recruitment@janinestone.com

# WANTED

# SENIOR ACHITECTURAL TECHNOLOGIST

45K PLUS CAR PLUS PERKS MAYBE MORE FOR RIGHT APPLICANT NW LONDON HERTS BORDER BUSY PRACTICE FRIENDLY PEOPLE TECHNICIAN WITH SOLID EXPERIENCE IN RESIDENTIAL DESIGN PLANNING AND BUILDING REGS WANTED TO COMPLETE DESIGN STAFF. EXPERIENCE IN JOB RUNNING AND CO-ORD ESSENTIAL MUST BE COMPETENT IN ALL ASPECTS OF THIS WORK INCLUDING COMMUNICATION WITH OFFICE AND CLIENTS. GOOD PROSPECTS APPLY DUSEK DESIGN ASSOCIATES LTD CONTACT PHIL DUSEK TEL NOS 0208 426 1607 / 07966 923943 design@dusek.co.uk

TEL NOS 0208 426 1607 / 07966 923943 design@dusek.co.uk



# Gaia Architects



Part 2 Assistant or recent Part 3 to work on housing and other interesting projects throughout Scotland.

Interest in Eco design and knowledge of Vectorworks and SketchUp are an advantage.

Send CV & examples of work to: robin@gaiagroup.org Robin Baker, Gaia Architects, Tower Buildings, Birnam, Dunkeld, Perthshire, PH8 ODS. Tel: 01350 728116

# Wilkinson Eyre. Architects

We are recruiting for an experienced site architect to start immediately on a prestigious project in the North West.

Microstation experience is essential and knowledge of BIW, or any similar document control systems, an advantage.

Please apply in writing with CV and A4 samples of work to: Alison Rolph, Wilkinson Eyre Architects, 24 Britton Street, London, EC1M 5UA

No agency, email, telephone or fax enquiries please.

# RIBA 琳 Appointments

As well as the recruitment service offered by our team of consultants, we also maintain one of the most popular websites for on-line architectural jobs.

The classified section of RIBA Appointments constantly has up-to-date vacancies across all regions of the UK and an exciting mixture of positions overseas. We are not a site which is swamped by agency jobs and there will always be a large choice of jobs in specific firms that you can apply to directly. Current ads include

Part 1/2 Architectural Assistants, Sussex - Senior Project Architect, Norfolk - Architect, Richmond - Design Architect, £50,000, Midlands Part 2 Assistant, Somerset - Hospitality Architect, Central London - Part 2 Assistant, Bermondsey - Architectural Technologist, Bermuda Senior Project Architect, Bahrain - Architects / Architectural Assistants, Brighton - Part 2 Assistant, Dutwich - Conservation Architect, Kabul Architect to join property development team, Kensington - Part 1 and 2 Architectural Assistants, Gloucestershire - Senior Architects, China Project Architect and Experienced Technician, Somerset - Head of Architecture, Newcastle - Senior Residential Project Architect, Maida Vale

We have over 200 live jobs on our website, ranging from Part 1 Students to Senior Project Directors. These jobs are updated daily and you can apply by simply emailing your CV.

www.ribaappointments.com

# www.4-architects.com Tel: 01323 749200

Design Architects / Technicians / Associates Milton Keynes / Bedford c£34k - £55k + Package/Car Well-established multi-disciplinary medium sized practice whose workload is continually evolving within a large and varying selection of market sectors. They require talented and motivated Team Leaders, Design Architects and Technicians to help expand the company and meet the needs of their exciting, challenging and long-term goals. Ref: 3520 / 3519 (Philip)

Associate / Director Torquay c£50k - £60k + Package Since inception in 1978, this practice has always given a totally professional service, to produce the optimum designs and solutions. Their expertise goes beyond the boundaries of pure architecture to encompass financial understanding, sympathetic design, quality and usability. The practice is large enough to meet realistic deadlines and provide staff with specialist expertise, yet small enough to provide a personal service to Clients. This position will require worldwide client visits and you will need to be RIBA / ARB. (Leisure, Hotels, Zoo, Aquaria & Residential). Ref: 3496 (Philip)

Associate Director
Prestigious high profile Director, producing quality design and world-class standards. Projects range from inspiring office and residential schemes to their specialist field in hotels, leisure and resorts. Associate Director required. RIBA/ARB qualified with a wealth of experience in hotel, commercial and large-scale projects. Great salary and career recognition available, as would be expected with a practice of this calibre.

Ref: L268 (Hannah)

Master Planners / Architects / Technicians

London / Farringdon c£35k - £48k Plus Benefits World-class firm who specialise in a vast array of projects including those within education, commercial, residential, healthcare and leisure. Experience in projects of these types and an understanding of either AutoCAD/Microstation, with the drive to progress and challenge their role. Ref: L277 (Hannah)

Project Managers / Design Managers London / Bristol / Cardiff

c£45k - £70k Plus Package From large regeneration works to Grade A office space, banking, high quality multi-storey residential, pharmaceutical, education, Decent Homes PPC and partnership projects. Excellent opportunities are now available for conscientious and commercially aware project managers with experience of managing medium to large-scale projects.

careers@centurion-recruitment.com



# VALUE RETAIL

Value Retail develops and operates Europe's premier Outlet Villages in distinctive environments. With offices throughout Europe, we currently have an opportunity based at our flagship Village, Bicester Village in Oxfordshire for a:

# Retail Development Manager

If you are self-motivated, have an architectural qualification/background and significant, demonstrable project management and store design experience with AutoCAD skills, then you may be the specialist we need.

Key responsibilities will include supporting the brands in their shop fitting process as well as ensuring compliance with all local and internal statutory requirements.

You will need to have a proven record of managing several projects at the same time, have an eye for detail and a real affinity for the retail business.

Excellent verbal and written communication abilities, as well as organisational and administrative skills are a prerequisite. Fluency in English is essential for this position. Any other European language is an advantage.

> This position is based in Bicester (9 miles from Oxford and just off Junction 9 of the M40).

Interested? Please send your CV and a covering letter including details of your current and expected salary and benefits package to: recruitment@valueretail.com www.valueretail.com



leading architectural firms and advance your career in a motivating and creative environment.

Mike Brown t. 0113 243 2078 e. mbrown@bbl.co.uk Ref: VP22279



beresford blake thomas global reach local focus

www.bbt.co.uk

BBT operate as both an Employment



# WE REQUIRE PROJECT ARCHITECTS

WITH MIN. 3 YEARS POST PART III AND EXPERIENCED TECHNICIANS FOR RESIDENTIAL PROJECTS IN SOUTHERN SPAIN AND MIDDLE EAST. A WORKING KNOWLEDGE OF SPANISH IS AND ADVANTAGE BUT NOT VITAL. PLEASE SEND CV AND EXAMPLES OF WORK TO info@mclundie.com ATTENTION: GRACIA GIL.

McLUNDIE ARCHITECTS, Sotogrande, Spain INTERVIEWS WILL BE HELD IN LONDON.





# Architect / Practice Manager St Albans

We require an architect with 5-10 years post-qualification experience to manage our St Albans office. As well as having a flair for good design, you will be able to demonstrate the commitment and enthusiasm required to manage and develop this office with an established workload.

A clear communicator, you will be able to build and maintain relationships with new and existing clients, as well as effectively communicate with colleagues and with our offices in Kingstonupon-Hull and Richmond, North Yorkshire.

For a detailed description of the role and for further information about our practice, please visit the Careers page at www.gelderandkitchen.co.uk



For an informal discussion, please contact either David Nurse or Steve Martin on 01482 324114



Due to an increasing success and workload, Hopkins Homes, a leading award winning regional housing developer based in East Anglia are looking to fill the following vacancies in our internal design department.

# ARCHITECTURAL CAD ASSISTANT

You will be expected to produce and amend planning drawing packages, with a good knowledge of Design principals and building construction methods. A sound knowledge of Autocad along with a previous residential housing experience at either developer level or private practice is essential. The ability to produce hand drawn details would be an advantage.

# PLANNING & DESIGN MANAGER

Reporting directly to the Department Manager on design and planning matters you will be expected to produce hand drawn feasibility layouts/sketches for both rural and urban settings in the East Anglian area. You will have a proven track record in producing high quality housing developments, a sound understanding of the planning systems to enable direct involvement and negotiations with Local Authorities on planning matters. Autocad experience essential.

# PROJECT CO-ORDINATOR/ CAD TECHNICIAN

You will be expected to assist the Technical Co-ordinator, produce and amend both planning and working drawing packages, with a good knowledge of Building Regulations and NHBC requirements. A sound knowledge of Autocad along with a previous residential housing experience at either developer level or private practice is essential.

# CAD TECHNICIAN

You will be expected to produce and amend both planning and working drawing packages, with a good knowledge of Building Regulations and NHBC requirements. A sound knowledge of Autocad along with a previous residential housing experience at either developer level or private practice is essential.

All positions offer an excellent remuneration package, incl. of Company Car or allowance, Private Health and Pension Plan

Please apply in writing enclosing full CV, marked 'Private and Confidential' to:

Neil Salmon, Head of Design, Planning & Technical, Hopkins Homes Ltd, Melton Park House, Melton, Woodbridge, Suffolk IP12 1TJ Tel: 01394 446961

# Planning, Transportation & Estates

# Are you ready for the challenge of designing quality public buildings in a world renowned environment?

Consider the undeniable benefits of re-locating to Cornwall. A County of change and challenge, superb environment, fantastic coastline, wonderful water sports, distinctive culture, vibrant towns and villages — just some of the qualities Cornwall can offer. Undoubtedly the County provides an exceptional quality of life environment. We can also offer a quality working environment. Cornwall County Council achieved an "Excellent" rating in the Comprehensive Performance Assessment and we are proud to be one of the top performing councils in the country. We enjoy challenge and innovation and actively promote Constructing Excellence and the principles of Sustainable Development. The Council will be investing significantly in its educational (through Building Schools for the Future initiatives) and other service area properties over the next few years, and we are therefore seeking to recruit the following permanent staff

# Graduate Architect - Ref 2426

# Grade H to J - £18,510 to £30,843 per annum (Career Grade)

You will hold a degree in Architectural Studies may already be either a Registered Architect, or working towards acquiring that qualification. Ideally you will have a minimum of one year's post graduate design experience in an Architectural Design Office and may have already demonstrated the ability to lead design teams. In addition, some experience in project management and contract administration would be an advantage.

# Senior Architectural Technician - Ref 2427

# Grade I - £20,751 to £26,928 per annum

Duties will include detailed design work, production of working drawings, details, and specifications, with the potential to lead design teams and provide contract administration on small to medium projects. You will be qualified to HNC/D Level, and preferably a member of BIAT. You must have a minimum of five years' experience in a design office and extensive knowledge of building construction and detailing, as well as Building Regulations and Planning Application approval requirements.

# Architectural Technician - Ref 2428

# Grade C to H - £11,595 to £22,293 per annum (Career Grade)

Duties will include assisting in the production of working drawings, details, and specifications, with the potential of providing contract administration on small projects as experience and qualifications are gained. You will ideally have a minimum of two years' experience in a design office and will have developed knowledge of building construction and detailing, and working towards being qualified to HNC level. However consideration may be given to those who wish commence training and who are prepared to attend college to undertake part time study to obtain ONC/HNC in Construction Studies.

For an informal discussion on all positions please telephone Peter Woodford, Group Architect on 01872 326970.

An application form and further details can be obtained from The Personnel Section, Planning, Transportation and Estates Department, Room 324, County Hall, Truro TR1 3AY, email: recruit.pte@cornwall.gov.uk giving your postal address for replies, or apply on-line by visiting our website www.cornwall.gov.uk/vacancies. Please quote the reference. Closing Date: 08.12.06

Working towards equal opportunities





# Shaping the Future

The Prince's Foundation for the Built Environment is an educational charity established by The Prince of Wales to improve the quality of people's lives by teaching and practising timeless and ecological ways of planning, designing and building.

Poundbury, Lincoln, Crewkerne, Rosetown Jamaica, Mississippi USA - building on recent achievements we are expanding our current activities. These roles are critical to our strategy for continual development in the UK and Internationally.

# Director of International Programmes

Highly Attractive Salary + Pension Scheme

Coordinating international activities and creating a network of international partners you will broker and lead design workshops, charrettes and educational events. The role involves extensive international travel, requiring a high level of sensitivity to other cultures, a strong commitment and expertise in traditional urbanism and sustainability, and experience working at senior levels with government and business leaders.

# Manager of Design & Network Activities £35 - £42k + Attractive Pension Scheme

Your department collates and develops design theory from 10 senior fellows associated with the Foundation. You'll assist the Director in managing a wide range of network events and activities to support our strategic goals. You'll have a degree in the built environment, preferably architecture, urban design or landscape, and will demonstrate excellent organisational skills and ability to work independently.

# Foundation Representative, Poundbury £35 - £42K + Attractive Pension Scheme

Poundbury, an urban extension to Dorchester, is a living embodiment of the design principles of The Foundation and a vital learning laboratory. You'll help provide tours, lectures, ongoing case studies and research, as well as refining traditional architectural detailing. You'll have an educational background in architecture, landscape architecture or town planning.

# Tutor, Education Programme

£35 -£45K + Attractive Pension Scheme

You'll lead the development of the Education Programme's core curriculum, linking instruction to practice, through participation in Enquiry by Design and live projects. You'll also have an active role in establishing our graduate Masters Programme in Urbanism. You'll require an academic or professional qualification in architecture or urban design, as well as experience of working with students to create individualised educational programmes.

# Design Manager, NHS Initiative

£35 -£42K + Attractive Pension Scheme

Working closely with the Department Director and NHS Trusts you'll lead education, training and research for the design of healthcare buildings including a model community hospital. You'll require a degree in the built environment preferably architecture, urban design or landscape, experience of healthcare design and familiarity in running training plans.

For an information pack and an application form please contact Cara Nuss at carak.nuss@princes-foundation.org quoting reference PF-AJ.

Closing Date: 08/12/06. Interviews: early January.

www.princes-foundation.org



# ARCHITECTS AND TECHNICIANS

PRC have vacancies for experienced individuals to work on a variety of residential and industrial projects from our Milton Keynes office.

Candidates will be able to demonstrate relevant experience in the residential and (or) industrial sectors, be ambitious and capable of working on their own initiative. AutoCAD skills are essential.

Please apply with CV to:

PRC, Upper Tilers Barn, Keller Close, Kiln Farm, Milton Keynes, MK11 3LL or email: miltonkeynes@prc-group.com All applications are treated in the strictest confidence



# PART 2 ARCHITECTURE STUDENT

A busy, friendly office with a varied and exciting workload, including new build and conservation projects, seeks a Part 2 student with good design skills and a sound knowledge of construction.

The office will assist in providing the experience required to achieve Part 3.

RICHARD PEDLAR ARCHITECTS 4, Grove Road, Redland, Bristol BS6 6UJ Tel: 0117 9742612 e-mail: info@rpca.co.uk

The Place of Useful Learning



University of Strathclyde

# **Professor of Architecture**

The **Department of Architecture** seeks an outstanding person to provide intellectual leadership and management to its teaching and research programmes. Together with a distinguished architectural profile, gained in either practice or academia, you will have conducted research of international standing and been successful in generating research income. You will be energetic, ambitious and committed to enhancing the Department's reputation by engaging constructively and critically with industry, the professions and the community both in Scotland and beyond.

For an application pack (available on request in alternative formats for applicants with a disability), visit Vacancies at our website www.strath.ac.uk or contact Human Resources, University of Strathclyde, Glasgow G1 1XQ, Tel: 0141 553 4133 (24 hour Voicemail Service) quoting Ref 122/06.

Applications closing date: 5 January 2007.

Some University posts will be subject to a pre employment Disclosure Scotland Check.

We value diversity and welcome applications from all sections of the community.

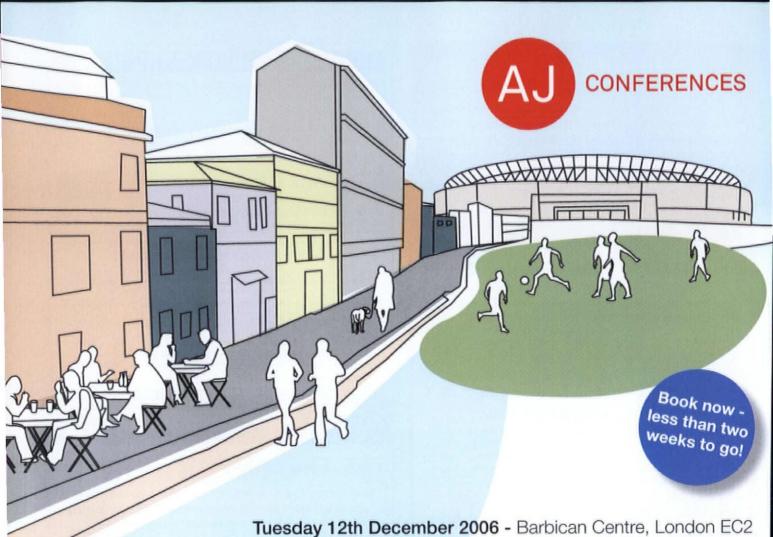
COURSES

# 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

CAD Training Service



# designing for sport and leisure

creating flexible space and facilities for active communities

# Expert speakers include:

Rt Hon Richard Caborn MP, Minister for Sport, Department for Culture, Media and Sport

Ben Woods, National Design Advisor, Sport England

Peter Hemphill, Design Practice Manager, Nottingham City Council

Richard O'Neil, Director, HLM Architects

Tom Devin, Managing Director, Devin Consulting Engineers

David Yearly, Play Safety Director, ROSPA

Michael Hall, Partner, FaulknerBrowns Architects

To register - www.ajdesigningsport.co.uk

Tel: 0845 056 8069 Email: constructconferences@emap.com





MODEL MAKERS

# **CLASSIFIED ENQUIRIES**

Lucy Herdsman: T 020 7505 6873 F 020 7505 6750

lucy.herdsman@emap.com

# KANDOR MODELMAKERS





















020 7739 7195







3dd.co.uk



NETWORKMODELMAKERS

Visit our new website - 22 years in the making www.networkmodelmakers.com

Tel: 020 7243 1816

mail@networkmodelmakers.com

# **PIPERS**

CONCEPT, PLANNING & MARKETING

FOR ALL YOUR MODELMAKING NEEDS, CONTACT CARLOS SOUSA.

PIPERS MODELS LTD 27-35 BEVENDEN STREET, LONDON N1 6BH

020 7250 0530 STUDIO@PIPERS.CO.UK WWW.PIPERS.CO.UK

# MODEL MAKERS



# 3D COMPUTER VISUALISATION





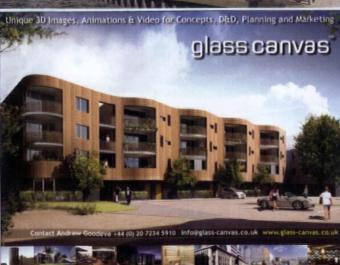
# BULLFROG MODELS LTD

Contact STAN AUBERTIN

20b Tower Workshops 58 Riley Road, London SE1 3DG

> Telephone: 020 7394 7866 Facsimile: 020 7394 6798





# PIPERS FOOKS

# CONCEPT, PLANNING & MARKETING

FOR ALL YOUR MODELMAKING NEEDS, CONTACT STEPHEN FOOKS.

PIPERS FOOKS LTD UNIT 2, CAPEL CLOSE, LEACON RD, ASHFORD, KENT TN23 4GY

01233 63 68 68 STUDIO@PIPERSFOOKS.COM

# 3D COMPUTER VISUALISATION









VISUALLEYES

# 3D COMPUTER VISUALISATION







# SURVEYORS



Land & Measured Building Surveys Established over 12 years

- Measured Building Surveys
- Setting Out
- Topographical SurveysGPS Surveys

208 Blythe Road. Hammersmith, London,

Tel: 020 7610 4132 Fax: 020 7610 4142 email: info@metroplans.com

www.metroplans.com

# pr services

land & measured building surveys laser scanning & visualisation

+44(0) 208 447 8255

mail@aprservices.net www.aprservices.net





measured land and building surveys

# the true measure of excellence

- 020 8543 8884
- 020 8543 6664
- info@callidussurveys.co.uk
- www.callidussurveys.co.uk

Khabary Future City

designhive



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 website - www.kingslandsurveyors.co.uk



# REPROGRAPHIC SERVICES



020 7336 0880 www.mj.uk.com

# **PERSPECTIVES**

# DAVID HOARE



HAND DRAWN

-PERSPECTIVES TEL/FAX 020 8852 7508

DEREK REYNOLDS MSAI Tel: 01322 862576 Architectural Perspectives & Landscapes 18 Cedar Drive, Sutton-at-Hone, Dartford DA4 9EN

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 ①:020-7394-1111 ①:020-7394-2499



# SKETCHBOOK / IAN WRIGHT







Badge-making process for the front cover of this week's AJ. By Ian Wright



Respond to these panels at 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 Lucy Herdsman on 020 7505 6873.

# **ASH & LACY**



# AJ ENQUIRY 201

The Ashzip standing-seam roofing system from Ash & Lacy was used to rebuild and refurbish parts of Frederick Gent School in Derbyshire. Some 4,000m² of Ashzip 400 was installed in the new-build areas of the school. Ash & Lacy also supplied 4,000m² of walkable liner sheet.

# METAL TECHNOLOGY



# AJ ENQUIRY 202

For Jury's new 264-bed
Nottingham hotel, Metal
Technology's System 17 curtain
walling, ground-floor glazing
and System 4-20 windows were
designed and installed by
fabricator Fortress Architectural
Systems. The 14-storey building
was designed by Armstrong &
Partners Architects.

# HACEL LIGHTING



# AJ ENQUIRY 203

Hacel Network is a suspended modular lighting system which allows architects to combine creative compositions with practicality. Components have a geometric design and returned-edge profile for rigidity and cable concealment. Luminaires are prewired to termination points for simple installation.

## **TERCA**



# AJ ENQUIRY 204

Terca is launching a new range of clay facing bricks from its state-of-the-art manufacturing plant in Ewhurst, Surrey. The products will be ideal for a wide variety of applications and projects and have been produced as a response to growing demand for high-quality wire-cut bricks in schemes across the UK.

# **BRETT MARTIN**



# **AJ ENQUIRY 205**

A Ritchlight TL24 hip-ended lantern rooflight has been installed by Brett Martin Daylight Systems to brighten the Rapid Access Clinic at The James Cook University Hospital, Middlesbrough. The rooflight has eight electrically operated tophung vents to provide controllable ventilation.

# STRETCH CEILINGS



# AJ ENQUIRY 206

Stretch Ceilings has obtained the prestigious Silver AIS contractor award for its use of black lacquer Barrisol in the reception area in Wren House at St Paul's Cathedral, London. Approximately 100m² of Barrisol was installed to accentuate the feature chandelier and the fit-out materials.

# NOTTS SPORT



# **AJ ENQUIRY 207**

Artificial-turf supplier Notts
Sport has added six new colours
to its range for sports and play
environments. All the colours
are available in Notts Sport's
VHAF NottsSward product for
individual sports, multi-use
games areas and playgrounds.
For more information visit www.
nottssport.co.uk

# SCHÖCK

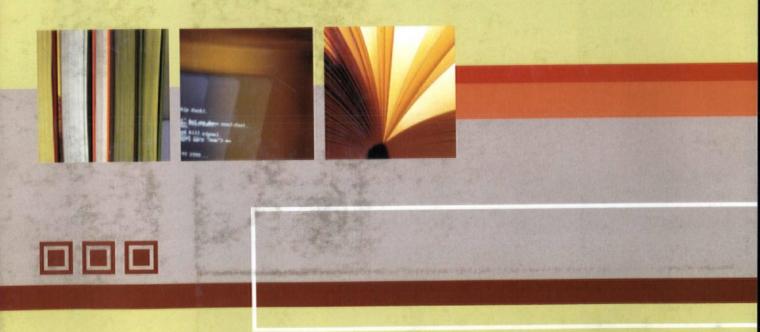


# **AJ ENQUIRY 208**

The prestigious Sovereign
Harbour Yacht Club used Schöck's
thermal-break modules for its
cantilevered balconies. The
building's coastal location called
for high-performance thermal
breaks. Schöck's modules
practically eliminate heat loss.
For more information visit www.
schoeck.com

**055** 

# We do our job... allowing you to do yours.



Specifically planned to ensure your valuable time as a busy construction professional is devoted to doing what you are good at, leaving the development and management of technical information to the expertise of the NBS Office Library Service, from as little as £124 a year.

For a no obligation assessment of your office needs, contact the NBS Customer Centre on 0845 456 6501.

ENQUIRY 12 ON CARD WWW.AJPLUS.CO.UK/AJDIRECT