the architects' journal



WWW.AJPLUS.CO.UI

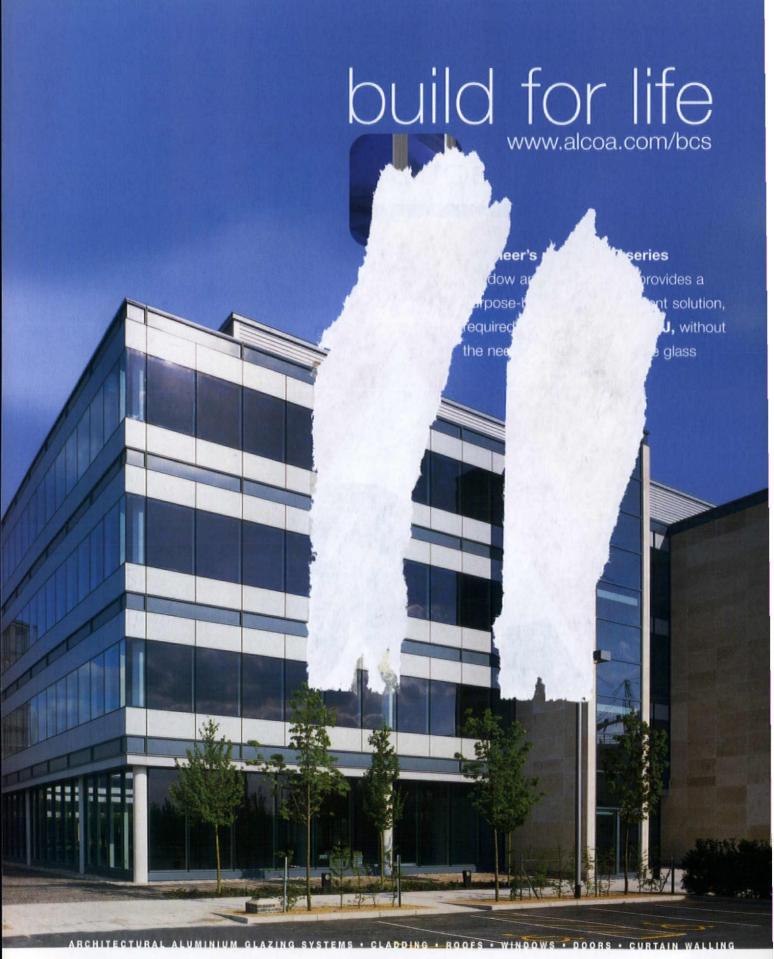


Work in progress

PEI COBB FREED & PARTNERS

LIBRARY

merging projects from UK practices | Interiors: 100% Design prizes



enquiry 5 on card www.ajplus.co.uk/ajdirect



Kawneer UK Ltd, Astmoor Industrial Estate Runcorn, Cheshire WA7 1QQ Tel: 01928 502500 Fax: 01928 502501





the architects' journal ndon EC1R 4GB

Subscriptions and delivery
Subscription rates: £80 UK, £54 UK
students, £136 overseas surface mail.
To subscribe, please use the order form in
this issue, e-mail ajo@subscription.co.uk
or call 01858 438 847 Also call that number to notify us of a change of address or delivery problems

Tel 020 7505 6622 Fax 020 7505 6606



### contents

29 | 08 | 02

WWW.AJPLUS.CO.UK | BUSINESS SERVICE OF THE YEAR - PPAi Awards 2001

Editorial fax number 020 7505 6701

E-mail firstname.surname@construct.emap.com (isabel.allen@construct.emap.com)

Editor (on maternity leave) Isabel Allen (020 7505 6709)

Acting editor/Online editor David Taylor (020 7505 6716)

News editor Zoë Blackler (020 7505 6636)

News reporter Ed Dorrell (020 7505 6715)

Buildings editor, AJ/AJ Plus Barrie Evans (020 7505 8609)

Technical and practice editor Austin Williams (020 7505 6711)

Working details editor Sue Dawson (015242 21692)

Review and information editor Andrew Mead (020 7505 6717)

Editor, AJ Focus/Special projects Ruth Slavid (020 7505 6703)

Production editor Paul Lindsell (020 7505 6707)

Sub-editor Elizabeth Chamberlain (020 7505 6708)

Art editor Minesh Parmar (020 7505 6704)

Assistant art editor Dani Hart (020 7505 6705)

Editorial administration Victoria Huttler/Angela Newton (020 7505 6700)

Display advertising 020 7505 6823

Recruitment advertising 020 7505 6803

Advertising fax number 020 7505 6750

020 7505 6750 Account managers Account managers Redington (020 7505 6706)

Telesales manager Malcolm Perryman (020 7505 6698)

Account executives James Hutchinson (020 7505 6742) Cristina Esposito (020 7505 6873) Mike McSweeney (020 7505 6816)

Key account manager Midge Myatt (tel 01902 851645) (fax 01902 851496)

Recruitment Susie Cliff (020 7505 6803)

Website advertising David Murrells (020 7505 6694) Charles Sowden (020 7505 6812)

Sales office administrator Lindsey Cantello (020 7505 6823)

Advertisement production Andrew Roberts (020 7505 6741)

Marketing manager Mike Aplin (020 7505 6615)

Sales director Andrew Knight (020 7505 6811)

Group publisher Jonathan Stock (020 7505 6744)

Group editorial director Paul Finch (020 7505 6702)

Managing director Graham Harman (020 7505 6878)



16,441 (July 2000-June 2001)

ISSN 0003 8466

emap communications

The Architects' Journal is registered as a newspaper at the Post Office. © 2002. Published by Emap Construct, a part of Emap Communications Limited. Printed in the UK by Cradley Print Ltd. Origination and colour reproduction by Marlin Imaging, Sidcup, Kent



Penoyre and Prasad's school for children with autism for the **Treehouse Trust in** London's Camden is now complete. The temporary prefabricated structure on the Coram Family campus is constructed from Containex units inserted between the London plane trees and then transformed with larch battens. Screw anchor piles, which leave no trace once removed, were used to minimise damage to the trees. Camden council funded the £300,000 project.

NEWS	4	
HELLMAN	12	
EDITORIAL/LETTERS	18	
WILL ALSOP/PEOPLE	20	Furniture guru Sheridan Coakley profiled
MARTIN PAWLEY	22	
WORK IN PROGRESS	24	The pick of residential, public and commercial, and education projects from British architects either at the design stage or on site
INTERIORS	32	100% Design prize giveaway
	34	Buckley Grey's harbourside bar, Bristol
TECHNICAL AND PRACTICE	38	Compliance with the BRE's Robust Details
	40	Urban housing developments and the role of the masterplanner
	42	London Plan: a model for other UK towns and cities?
	44	Legal matters; dot.column
DIARY	45	Exhibitions and events
REVIEW	46	Throwing light on Sugimoto, Spence and Parry
	47	The ancient stepwells of India
	48	Place, identity and art in the UK
RECRUITMENT	49	
CLASSIFIED	54	
ASTRAGAL	58	

O DENOTES MORE INFORMATION ONLINE. FOR AN ARCHIVE OF AJ ARTICLES VISIT WWW.AJPLUS.CO.UK

'If the idea of passenger shipping terminals puts you in mind of sad, sick-stained days at Ramsgate hoverport, think otherwise – Yokohama is to Ramsgate as St Pancras station is to a bus shelter.'
Rowan Moore on Yokohama International Terminal. Evening Standard, 16.8.02

'Now that it has aged a bit, it looks awful... This is all about an architect having a good idea and clinging to it without listening to anyone else.'

Desmond Shawe-Taylor, director of Dulwich Picture Gallery, on the Pompidou Centre. *Guardian*, 26.8.02



TRAFALGAR GETS UNDER WAY Work on Foster and Partners' regeneration of London's Trafalgar Square has begun on site. The project – to pedestrianise the northern side of the square – hopes to provide a boost for tourism and an increase in the use of the area on a regular basis. It is scheduled for completion in mid-2003.

HADID ON TOP IN CINCINNATI

Zaha Hadid Architects' \$34.6 million (£22.6 million) new home for Cincinnati's Contemporary Arts Centre will be topped out on 9 September. The project – scheduled for completion next year – will be the centre's first freestanding home. The 8,500m² centre is the practice's first commission in the US and the first art museum in the country designed by a woman.

#### **ODPM ADDRESSES PART M**

The Office of the Deputy Prime Minister has published for consultation a raft of new rules designed to ensure improved accessibility of public and commercial buildings. The draft changes to Part M of the Building Regulations will cover ramps, automatic doors, audio enhancement, and clearer signage. Visit www.safety.odpm.gov.uk/bregs to view the document.

TOP MARKS FOR LONDON EYE
Marks Barfield Architects' £20
million London Eye has been voted
the capital's top attraction at the
London Tourism Awards. It is the
second year in a row that the
scheme has won the public poll.

For the best jobs in architecture turn to page 49 or visit www.careersin construction.com

Satellite Design Workshop has completed this £1.15 million office and conference centre in London's King's Cross. The 950m2 scheme will provide 31 serviced office units, an independent sub-lettable office and a conferencing facility. The building - funded by the government's Single Regeneration Budget - is clad in stainless steel that forms a continuous facade facing the King's Cross Road. The scheme's site is irregular with two different levels, allowing the architect to create an unusual circulation route around the building. Other features include a courtyard entrance designed to avoid the traditional lobby found in most modern office buildings. The unusual form of the scheme was forced by the 'right to light' of the adjacent Welsh chapel.



# RIBA gets tough on sustainability

The profession must rise to the challenge of climate change and alter its building practices to meet the needs of the future or face charges of liability in years to come, the RIBA has warned. The call to arms comes as industry leaders meet in Johannesburg to contribute to the Earth Summit discussions.

RIBA president Paul Hyett, who is addressing the first meeting of the Global Alliance of Buildings Sustainability today (see page 16), told the AJ he would be pushing moves to force architects to embrace environmentally responsible design.

Hyett hopes to implement stricter rules governing CPD, making sustainability a compulsory 50 per cent component. He will also be pushing the institute to require members to reapply for RIBA recognition every five years, reliant on an adequate CPD record. At present, architects are obliged to complete 35 hours of CPD seminars per year, but the rules are not prescriptive about the contents of courses undertaken. The move would also tighten up the institute's monitoring of compliance.

Hyett said: 'Ecologically responsible design is crucial to the well-being of humans on this planet. Architects must develop their awareness and keep up to date in terms of what they are offering the market place. We should be leading in the field, encouraging the public and the rest of the professions to better achievement.'

Architects should be keeping abreast with initiatives such as wing roofs that drive passive rather than artificial ventilation, and intelligent lighting systems that respond to the movement of the buildings occupants, he said. All new buildings should fit the definition of 'sustainable' – constructed and used in a way that will not have an adverse effect on the future.

President-elect George Ferguson and vicepresident for sustainable development Peter Smith supported Hyett in his rallying call.

Smith said: 'The housing we are building now is going to be here when we are facing extreme conditions in 2050. We need to have CPD that pushes architects to go well ahead of the regulations.' From 2007, the accessibility of fossil fuels will begin to be affected and buildings will need to be powered by alternative means, he added. Architects could find themselves facing liability suits from clients, if their designs do not live up to the needs of the future.

Smith anticipated some resistance from the profession, but said it should consider the tightening up of CPD rules as an opportunity to revise its practice, rather than as a burden.

Hyett will be taking his proposals to the RIBA council for consideration.

Zoë Blackler

'I cannot name a single living Scottish architect, but don't quote me on that.' Scottish culture minister Lord Watson of Invergowrie. *Times*, 14.8.02 'Demolition is an option that we might seriously have to consider. It is a fantastic building but it is in a shocking state...'

Lancaster city councillor James Airey on Oliver Hill's Midland Hotel, Morecambe. Sunday Telegraph, 25.8.02 'Transport chaos will get better only when a green dictator takes over and forces us all to stay at home – ie never.' A N Wilson, Evening Standard, 12.8.02

FOR A DAILY NEWS FEED ON THE LATEST ARCHITECTURAL STORIES GO TO AJPLUS.CO.UK

# EH forces Geordie towers into planning 'purgatory'

Three practices have accused English Heritage of 'negative' tactics after it persuaded Newcastle City Council to launch an environmental investigation into the effect of skyscrapers on the Tyne gorge.

Towers planned by Carey Jones Architects, Ryder and Stephenson/Bell are all now stranded in the planning process, awaiting the findings of an environmental assessment report.

Ryder director Peter Buchan said there is a lot of frustration that the council has given the investigation the green light. Buchan believes Newcastle had already carried out sufficient research into the impact of towers on the local landscape. 'Developers and architects alike thought the council would leave it at that. Instead they find their developments in purgatory,' he said. Buchan said he believed it was Stephenson/Bell's proposed 30-storey skyscraper that 'set the cat among the pigeons'.

'English Heritage looked up north and realised that there was suddenly going to be a set of skyscrapers going up in Newcastle and decided that they had to do something,' he said.

Buchan accused EH of having a 'negative attitude' to achieving anything instead 'of getting involved with useful dialogue between interested parties'.

Carey Jones Architects' Mike Harris, a project architect on the Tyneside scheme, agreed, saying the city council had already done enough research for its Tall Building Guidance document.

'It could certainly be seen as a little over the top that the council has agreed there ought to be yet another layer of checking into the effect the towers could have on the local environment,' he said.

Carey Jones Architects' 400-apartment building is waiting in planning for the outcome of the report. 'Everyone seemed to be happy with this project until English Heritage arrived and demanded the investigation,' Harris added.

George Wimpey City's chief executive Ronnie Baird, the man backing Bell's tower, warned there could be problems if the investigation takes too long. 'It is very important that the investigation is carried out in a timely fashion so that it does not delay the ongoing development process.'

However, EH defended its action. 'We have got the support of both Newcastle and Gateshead councils and the involvement of CABE,' a spokesman said.

Ed Dorrell

# Rogers' Terminal 5 waits to clear airline funding hurdle

Richard Rogers Partnership's £2 billion Heathrow Terminal 5 is on hold awaiting the findings of a report into how much the British Airports Authority (BAA) can charge airlines to use its airports.

BAA believes an increase from £5 to £8 per passenger is essential if it is to carry out its entire capital investment programme, including work at Stansted and Gatwick.

BAA's head of planning Mike Thoms said his company is waiting for the report from the Competitions Commission before giving T5 final go-ahead. 'If the report's findings give us less than we need for the capital investment programme, then we would have to review some of our construction plans,' he said.

ARB EDUCATION SAFETY PUSH

The ARB is set to increase the health and safety aspect of architectural education as a way of intensifying awareness of the issue. The move comes in the light of threats from the Health and Safety Executive that the profession could be forced to take the issue more seriously (AJ 4.7.02). the ARB's head of education, Jon Levett, said he is increasingly aware of the importance of the issue. 'Health and safety was important in the last review of the criteria,' he explained. 'We will look to put more emphasis on the issue in the next review as well.' However, the heads of schools organisation SCHOSA warned the ARB to be careful and not push changes without assessing the already full curriculum.

38%

... of voters in a poll on the AJ's website think that the Millennium Stadium in Cardiff is Britain's best sports building. The full list is:

Millennium Stadium, Cardiff	37.65%
City of Manchester Stadium	22.65%
Manchester Velodrome	19.85%
Stadium of Light	12.21%
Lord's Cricket Ground	3.36%
Old Trafford (Man United)	2.05%
No 1 Court, Wimbledon	1.30%
Hampden Park	0.56%
Twickenham	0.28%
Madeiski Stadium Reading	0.09%

Respondents: 1,073

This week's question: Should architects be taking the lead on sustainable design?

Register your view at www.ajplus.co.uk

London-based RSP Architects has won a competition to build this 15,000m2 building in Zaha Hadid's One North masterplan in Singapore. The \$\$36 million (£13.5 million) Nanyang Technological University's One North Campus floats above a steep slope, supported on four cores, and will house the university's continuing education centre and alumni club. Zaha Hadid will be exhibiting her Singapore masterplan at the Venice Biennale, which opens next month (for Venice preview see pages 6 and 7).



## Coming 'Next': Venice's window on the future

This year's Venice Biennale of Architecture, set to open its doors to the public on 8 September, provides a unique preview of key buildings on the way over the next few years. The exhibition, entitled 'Next', will feature only schemes that will actually be constructed – a deliberate move by curator Deyan Sudjic to move away from 'paper architecture'.

British schemes being shown in the international exhibition in the Arsenale include Ushida Findlay's £10 million Grafton Country House; Kohn Pedersen Fox's 102-storey mixed-use tower sited next to Kowloon Station in Hong Kong; Jeremy Dixon. Edward Jones' Student Centre at Queen's University, Belfast, developed with BDP Belfast; and Richard Rogers Partnership's scheme for Madrid's Barajas Airport.

David Chipperfield Architects will be showing its plans for the £45 million Ansaldo City of Cultures in Milan – a 45,000m<sup>2</sup> building which will become home to an archaeological museum and media college. And Will Alsop will be taking a model of his vision for Barnsley, inspired by a walled hill village in Tuscany.

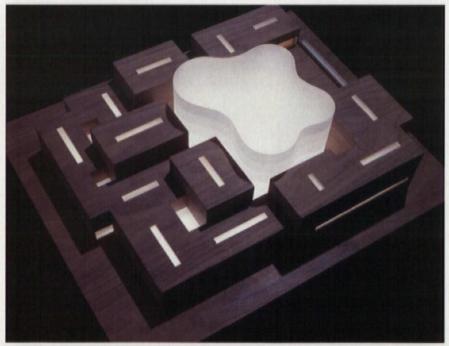
In a section dedicated to the 'continuing relevance' of the tower, Richard Rogers Partnership will be unveiling a secret skyscraper destined for the City of London; Foster and Partners will be showing its Hearst Headquarters in New York; and Renzo Piano his New York Times building.

For a special section, the 'City of Towers', a number of architects – including Future Systems and Zaha Hadid – will each display a 1:100 model of a skyscraper designed especially for the Biennale. David Chipperfield Architects, Toyo Ito, Denton Corker Marshall and Thom Mayne are also contributing models.

Foreign Office Architects, which is representing Britain, is constructing a site-specific installation based on its Yokohama Ferry Port Terminal. The practice is maintaining secrecy about the details of the show in the British Pavilion, but has promised to use the space to recreate the experience of being in the building. The Venice Biennale runs until 3 November.

Ed Dorrell







David Chipperfield Architects' plans for the £45 million Ansaldo City of Cultures in Milan, to house an archaeological museum and media college



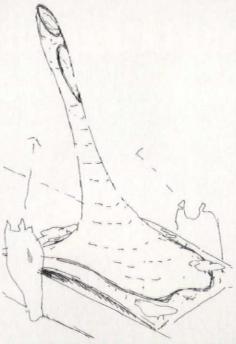


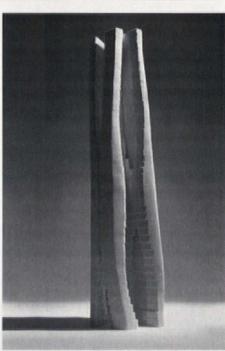
Left: Will Alsop will be taking his vision for Barnsley, inspired by a Tuscan walled hill village. Right: an interior of Ushida Findley's Grafton Country House

6 the architects' journal









Kohn Pedersen Fox's Kowloon tower (left), to be completed by 2008. Specially designed tower models by Future Systems (centre, sketch) and Zaha Hadid (right)



Jeremy Dixon. Edward Jones' Student Centre at Queen's University, Belfast, will be among the the British schemes in the Arsenale



# Gehry on song with LA orchestral manoeuvres

Frank Gehry's US\$274 million (£180 million) Walt Disney Concert Hall in Los Angeles is entering the final stage of construction.

The structural steelwork is now in place on the dramatic 29,300m<sup>2</sup> building which will provide a new home for the Los Angeles Philharmonic.

The scheme, on a 1.5ha site in the historic Bunker Hill area of LA, creates a 2,265 seat main auditorium, designed in collaboration with Nagata Acoustics, and dominated by a huge organ in a case designed by Gehry. Seating surrounds the orchestra platform, and the curved ceiling and walls are made from Douglas Fir – the hardwood used in the construction of cellos and violas. A 11m high rear window and eight skylights will allow for natural daytime lighting.

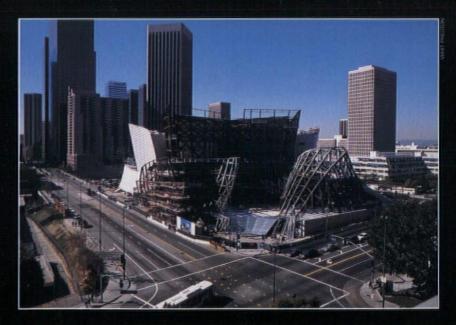
The hall will also encompass two outdoor amphitheatres – a 300-seater children's theatre and a 120-seater second performing space – as well as a hall for pre-concert events.

A giant stairway and oval courtyard will form the primary entrance to the building, which will feature expanses of turquoise glass, offering passers-by views into the building. Other elements of the scheme include rehearsal studios, dressing rooms and a library, the exclusive Founder's Room special suites for performing artists, and office spaces.

The exterior walls, which appear to curve and fold, will be clad in stainless steel panels. An urban park surrounding the building will feature expansive public gardens, colourful ornamental landscaping, walkways and trees.

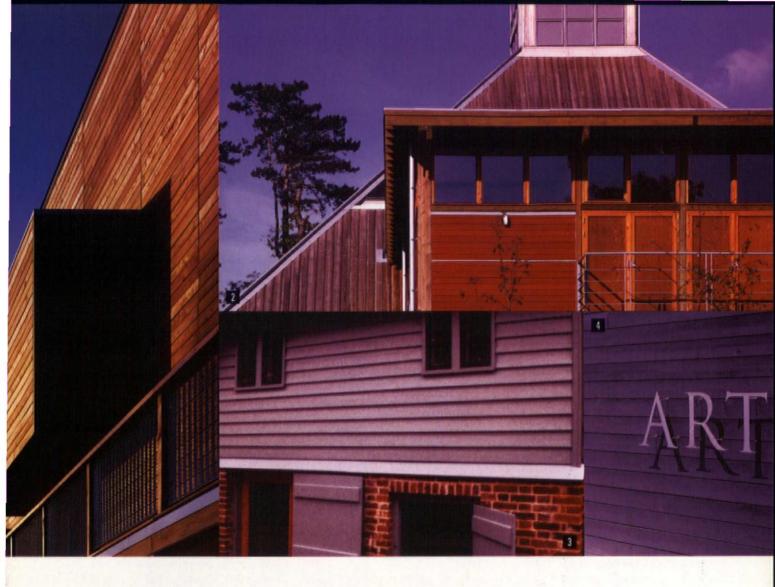
Gehry originally won the competition to design the concert hall back in 1988, but the project was delayed until funds could be raised. It is due to open in October 2003.

Zoë Blackler





Above: the stainless steel-clad exterior of the Walt Disney Concert hall appears to curve and fold, while expanses of turquoise glass will offer views into the building. Left: the main 2,265- seat auditorium houses a huge organ in a case designed by Gehry



# despite forecasts to the contrary, it's still the same old British climate.

Mediterranean summers, they have promised us. Cacti in Crawley and bougainvillea in Bognor. But so far the good old British climate seems determined to prove the forecasters wrong.

So it is perhaps surprising that more and more architects are choosing to clothe buildings in timber.

Timber? In the UK's climate?

We should not be surprised. In Nordic countries, architects have long used softwood cladding for its aesthetic and environmental benefits and its extreme durability when used properly. In conjunction with TRADA we have designed a regional CPD programme to share what we know. We'll give you advice on specifying, detailing and finishing timber cladding. To find out more about the TRADA/wood. for good CPD

programme, or to purchase your copy of the TRADA cladding guide, call Louise Scarfe on 01494 569662 or visit www.woodforgood.com.

### wood. for good.

'wood. for good' is a promotional campaign sponsored by the Nordic Timber Council, the Forestry Commission, the UK Sawn Wood Promoters, the Timber Trade Federation, the Forestry & Timber Association, and the Northern Ireland Forest Service. All members of wood. for good. are committed to sustainable forest management. In each of the members' countries, credible third party certification schemes are now operating and increased areas of forest are being certified.

1 - Frensham Performing Arts Centre, Surrey Architects: Burrell Foley Fischer. Pressure-treated larch cladding. 2 - Bedales Olivier Theatre, Hampshire Architects: Feilden Clegg Bradley. Pressure-treated larch cladding. 3 - Restoration of Great Dunmow Maltings; Essex Architects: Kay Pilsbury. Pressure-treated softwood boarding, door and shutter replacing the originals, dating from 1833, all finished in historic paint. 4 - Artigiano Mail Order HQ, Isle of Wight Architects: Manser Practice. Pressure-treated, rough-sawn, stained spruce cladding.

#### **GOODBYETO CHILLIDA**

Eduardo Chillida, the Basque sculptor, has died following a stroke at the age of 78. Educated in architecture at Madrid University, Chillida was known for large-scale public works as well as intimate iron sculptures. He won the international grand prize for sculpture at the Venice Biennale in 1958, and was elected an honorary academician by the Royal Academy in 1983.

#### **CELTIC PARK TOPS VOTE**

PJMP Architects' Celtic Park has been voted the 'most loved sports venue in Britain' in a competition organised by BBC Radio Five Live and CABE. With 59.9 per cent of the vote, the stadium saw off competition from HOK Sport's Millennium Stadium in Cardiff with 28.4 per cent and Lord's Cricket Ground with 11.7 per cent. See page 5.

#### LESSONS IN NET MANAGEMENT

AJ Plus and Construction Plus are holding a conference, 'Online Designs – how to manage building design online', to explore how the Internet can be used as a construction and design tool. To register for the event, to be held at the Institute of Mechanical Engineers on 19 September, call 020 7505 6850.

#### SCOTS SEE NORDIC X-FACTOR

Scotland's national centre for architecture and design, the Lighthouse in Glasgow, is hosting a new exhibition of the work of Scandinavian designers. 'Young Nordic Design – The Generation X' will also feature work by Arne Jacobsen alongside the young designers, and will run from 14 September to 20 October. For further information on the exhibition, call 0141 221 6362.

#### **EXCHANGE TOPPED OUT**

Sheppard Robson's new London Stock Exchange building, King Edward Court in Paternoster Square, was topped out last week.

#### **RIBA MANAGES REFRESHER**

The RIBA has launched a new set of management seminars to start at the end of September. The courses – to be tutored by Dr Stephen Gruneberg of the Bartlett and Richard Pettinger of University College London – aim to refresh architects' understanding of managing the building process. For further details call 020 7724 9003.

# Bradford council faces boycott following dispute with URBED

Masterplanner URBED has threatened to organise a boycott of Bradford City Council after it shelved the practice's plans for the regeneration of the city centre, developed together with Penoyre and Prasad.

URBED won the competition to masterplan Bradford last September, but its winning design has been completely sidelined from the area's regeneration scheme. And now it plans to organise a boycott by local masterplanners if the council puts the brief for the area out to another competition.

URBED and Penoyre & Prasad's designs were dumped after regional development agency Yorkshire Forward established an Urban Regeneration Company for the city. With more cash to spend the scale of the scheme increased dramatically.

URBED design director David Rudlin said he received notice that Bradford was putting its masterplan on hold just two weeks after winning the competition last year.

And now, he claimed, the council is going a step further and is readying itself to re-tender the whole scheme. Rudlin said he is furious with the way his firm has been treated, describing the council's managers as 'dysfunctional'.

'For the whole of the last year, the council has been telling us that the plan has only been post-poned, so we worked with them to find ways to rework the design and extend the project,' he said. 'But it seems certain it has now decided to kill our designs altogether.'

So the firm is now considering a more aggressive approach – to write to the other practices on the original competition's shortlist, which includes BDP, to suggest a joint legal claim for abortive expenses.

'A claim like this could certainly get the council's attention,' Rudlin added.

However, Bradford City Council's head of regeneration, Martin Banzeller, dismissed URBED's complaints, saying it has no legal rights in this situation. 'We had not signed a contract and although we respect the fact that they must have put a lot of effort in, we did not promise to pay them expenses,' he said. 'We were within our rights

to pull out. We never promised URBED that we would appoint them. There was a chance that we might have stuck with them after we got the offer of the Urban Regeneration Company, but it seems unlikely now.'

Ed Dorrell

## NY corporation issues twin towers replacement brief

New York City has launched an international search for an architect to design a replacement World Trade Center following widespread criticism of the original plans unveiled last month (AJ 25.7.02).

The Lower Manhattan Development Corporation, the organisation set up to oversee the area's rebirth, has issued the brief for the new competition, which will be open to architects and planners from around the globe. The deadline for statements of qualifications is 16 September, after which submissions will be whittled down to a shortlist of five by 30 September. Shortlisted practices will each be paid an honorarium of \$40,000 (£26,176) to further develop their plans. It is hoped that a final decision will be made early next year.

The six original designs, by architects including Beyer Blinder Belle and SOM, were slammed by ordinary New Yorkers, survivors and victims' relatives for being too commercial and not giving enough land over to memorials. The main area of dissent over the original plan was the insistence of relatives' groups that the footprint of the original World Trade Center become a memorial garden – a specification in the new competition brief.

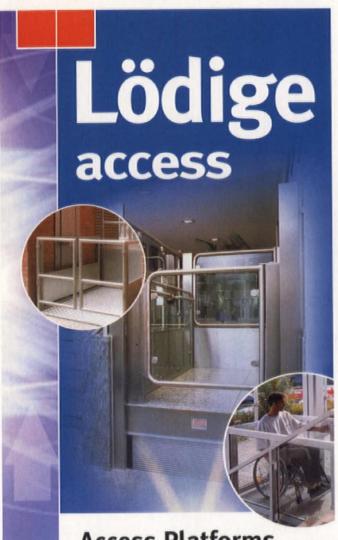
Unsurprisingly, the corporation is also determined there should be two skyscrapers on the site to 'restore the spirit of the city'. The brief asks for 'a tall symbol or structure that would be recognised around the world'.

Also included is a new street grid, the provision of open spaces other than the memorial garden, the need for a new transport hub, the possibility of a new promenade to ferries to the Liberty and Ellis Islands, and speculation about a potential residential provision.

For further details contact Hugh Eastwood at the Lower Manhattan Development Corporation by e-mail at Heastwood@empire.state.ny.us or fax 001 212 962 2431. Info: www.renewnyc.com



Bryant Priest Newman has won planning permission for this £150,000 house in Witherley, Leicestershire. Dodson House consists of two interlocking blocks, one constructed in red brick and the other in timber. The blocks are split to resolve the difference in levels between the road on which the house will sit and the garden. One acts as the 'servant', housing the garage, utility room, kitchen and spare bedrooms; while the other acts as the 'served' and contains the living area and master bedroom.



### **Access Platforms**

- innovation from Lödige

Easily installed in public and commercial buildings, our access platforms offer an affordable and practical solution to improving wheelchair access.

#### Features include:

- · Safe, strong construction designed for outdoor use
- Up to 2 metres elevation
- Accommodates wheelchair user and additional passenger
- Lödige build, synonymous with quality and reliability

People choose Lödige because of our reputation. At Lödige, quality and innovation are built-in. Talk to us today and discover more about our complete range of access solutions.

www.lodigeuk.co.uk



technology in motion

Lödige (United Kingdom) Ltd 11 High Street Egham Surrey TW20 9EA United Kingdom Fax: 01784 471 425 Email: mail@lodigeuk.co.uk

Telephone: 0870 609 0300

enquiry 16 on card www.ajplus.co.uk/ajdirect

### Are You Being Asked To **Design Flat Roofs** -

- for hospitals
  - for churches
    - for offices

- even schools?



Flat Roofing Alliance

Then contact the Flat Roofing Alliance at www.fra.org.uk if you want to achieve

T: 01444 440027 F: 01444 415616 E: info@fra.org.uk

'Excellence in Flat Roofing'

enquiry 6 on card www.ajplus.co.uk/ajdirect



**CAST ON SITE** 

GRASSBLOCK Pre-cast concrete

GRASSROAD Honeycomb plastic

The hard working systems that are easy on the eye

They're practical, cost-effective and look great - around the world, our systems provide effective, environmentally sound solutions for parking, access roads, fire paths and many other uses.



■ DESIGN SERVICE ■ SUPPLY AND LAY



Walker House, 22 Bond Street, Wakefield, West Yorkshire WF1 2QP, England Tel: +44 (0) 1924 379443 Fax: +44 (0) 1924 290289 E-mail: info@grasscrete.com Website: www.grasscrete.com

enquiry 2 on card www.ajplus.co.uk/ajdirect



### vital statistics

- Ellis Williams Architects' **Baltic Centre for Contemporary Arts in** Gateshead, transformed from the old Baltic Flour Mill, attracted 100,000 visitors in its first two weeks of opening to the public.
- The cost of building a new hospital has risen to £75,000 per bed, the Building Cost Information Service (BCIS) reports in its latest study, the 'Surveys of Tender Prices'.
- The Health and Safety **Executive's imminent** changes to the Control of Asbestos at Work Regulations - which oblige businesses to create a 'management programme' for all asbestos on their premises - will cost the UK economy £5.1 billion, according to the HSE's own estimates.
- The repair bill in the areas affected by this summer's record-breaking floods in Europe could come to £9 billion in Germany alone, according to the latest estimates.

### Clare Melhuish reviews...

### the relationship between humans and environment

Last weekend's Notting Hill carnival once again saw the Westway appropriated as a site for police surveillance of the action below - a rare 48 hours when the flyover ceases to function as a channel for traffic surging in and out of the city to and from the west. Max Jourdan's photographic images of the A40(M) (pictured), likewise capture the road

in a near-deserted state. Artificial light from street lamps and buildings zaps and slithers over the pictures. skilfully conveying a filmic sense of speed and travel without con-

fronting the vehicle as an object itself, a parasite, indeed, sucking the lifeblood of the city.

Jourdan's work is a glamorous evocation of the Westway, which reflects the extent to which the flyover has accumulated cultural significance over the time since it was built, despite the controversy which accompanied its construction. It dislocated local neighbourhoods, causing years of uncertainty. But now for many people, it embodies a vision of urban living, marking a triumphal arrival in the capital.

Like the book Leadville, a 'biography' of the A40, this exhibition gives the lie to anthropologist Marc Auge's thesis that modern interventions in the

landscape such as motorways, supermarkets and airports are 'non-places', forever doomed to be devoid of cultural meaning. Identity must accumulate around any place frequented by human beings over a period of time. But it seems it is still hard for society to acknowledge that the traditional and picturesque landscape is rarely the locus of true cultural identity today. Jourdan's images glamorise a hard urban landscape, but hardly scratch the surface of what gives a place meaning.

By contrast with Jourdan's work, the artworks displayed in the exhibition Location:UK explicitly attempt to engage with the human identities and

interactions which give places meaning and cultural significance, however drab and featureless they may appear to the outsider. Compared with the Westway images, these are

static works, eschewing dynamism and movement for the captured moment in time, the frozen insight into ordinary lives which inscribe the landscape across the UK.

We may regret the absence of thatched roofs and roses round the door here, but until we understand the depth of the relationship between humans and their environment, we simply won't begin to invest our interventions with the care and thought required.

'Westway, Images of the A40(M)' by Max Jourdan is showing at Broadbent, London W2. 'Location: UK' is at Gimpel Fils, London W1. Both until 7 September



# Facing Masonry from Lignacite

.. buildings for leisure .

Lignacite Facing Masonry is compatible with all leading building products and integrates successfully with essential services

LOCATION: Greens Health & Fitness club ARCHITECT: Tony Copeland Associates

PRODUCT: Polished and Weathered Oyster

enquiry 3 on card www.ajplus.co.uk/ajdirect

CONCRETE MASONRY PRODUCTS

LIGNACITE

Lignacite Ltd. Norfolk House, High St., Brandon, Suffolk IP27 OAX T: 01842 810678 F: 01842 814602 www.lignacite.co.uk



BDP's £10 million Bournemouth Central Library (above) has opened to the public. This fourstorey scheme – part of the Triangle regeneration – was one of the Treasury's Private Finance Initiative pathfinder projects. It provides retail accommodation on the first two floors while the library is housed in two open plan floors above.

LIPTON IN SECOND CABETERM
Culture secretary Tessa Jowell has reappointed Sir Stuart Lipton as chairman of CABE.Lipton's second three-year term will run until August 2005. The minister praised CABE for the success it has achieved in its first three years in the promotion of good architecture to the public and the achievements of the Enabling and Design Review Committees.

#### **FULL STEAM AHEAD**

Austin-Smith:Lord has won planning permission for its new National Railway Museum building at the Shildon Railway Village in County Durham. The 6,000m² centre will house nearly 60 exhibits, vehicles and trains from the national collection and will include a shop and cafe.

### **PLANNING HONOURS**

The Royal Town Planning Institute's council has named CABE chief executive Jon Rouse and London's deputy mayor Nicky Gavron among its honorary members. The organisation has bestowed the title on 18 individuals who have taken a special interest in town planning but are not professionally trained. It is awarded to those seen to have progressed the institute's aim of 'advancing the science and the art of town planning'.

### LONDON SKILLS WARNING

GLA Economics – a policy unit set up by Ken Livingstone – has warned that London's successful economic growth is likely to be limited by an unskilled workforce, too few office spaces and poor transport capacity. The concerns arise in its first monthly bulletin, put together to assess the capital's economic trends.

## Priceless treasures are lost forever as floods hit Prague

The devastating floods which have ravaged central Europe have claimed a victim from the architectural world – thousands of priceless drawings, models and photographs of important 19th- and 20th-century Czech architects from the Cubist and Functionalist schools.

The city of Prague's entire collection of 'unique' works for the National Technical Museum of Prague was stored in the basement of the House of Invalids, a Baroque building in the eastern part of the city, when the floods struck.

Following the worst rainfall in memory, the level of the Vltava River rose from 75cm to 8m, causing it to burst its banks. The museum's basement was deluged by the resulting floods, with glass cases smashed and the collection left covered in mud.

Now local experts and émigré architects in this country fear that much of the material from the Czech Republic's most famous architects will be lost forever. Zdenek Lukes, who has been in charge of the collection of more than a million plans, sketches, original photographs, personal diaries, letters and plaster models of important buildings, told the AJ that there was no comparable collection owned by the state. Famous architects in the collection include Jan Kotěra, Jože Plečnik, Pavel Janák, Josef Gočár and Josef Chochol.

'It's a terrible situation,' Lukes said. 'Everything is covered with mud – the whole archive was under water and only offices from the first floor of the building survived.'

Jan Kaplicky of Future Systems, who was born in Prague, said there had been an appeal on the radio for freezing equipment in a bid to rescue the documents, since freezing then defrosting before restoration represents the best chance.

'It's tragic, absolutely tragic,' he said. Kaplicky was behind a 1986 show at the AA in London using some of the 'absolutely unique' material.

And YRM architect Ivan Margolius, also Prague-born, described the scene as 'total bedlam', and said: 'The biggest loss is the archive concerning Cubist architecture in Bohemia (1909-1920), a unique artistic movement which only occurred there.'

Elsewhere in the city, the Semper opera house has been another of the afflicted buildings. Reconstructed after the war, the building was engulfed by the rapidly rising levels of the Vltava.

• The Prague office of Lewis + Hickey, which is situated in the Old Town, has reopened after the area was saved by hastily installed aluminium water barriers erected at the lowest points of the right embankment. The practice said it was 'well placed' to offer its experience to extensive repair, refurbishment and engineering projects likely to come as a result of the floods, which have also devestated Austria, Germany and Hungary. To view images of the damage visit our website at ajplus.co.uk •

Donations to the museum's flood relief efforts can be made to National Technical Museum # 34337-111/0100, Komercní banka a.s, Kostelní 44, Prague 7. E-mail inquiries to povodne@ntm.cz

David Taylor

### Obituary: Geoffrey Townsend (1911-2002)

The idealistic developer, who made his mark with his Span housing developments in the post-war period, died earlier this month.

After the Second World War, modern architecture became, by stages, the dominant approach to building in the public sector and for commercial clients. In the domain of suburban speculative housing, it brought no benefits until Townsend resigned from the RIBA in order to practice as a developer. With the schemes designed by Eric Lyons

for Span, Britain could show examples of middle-class housing that were commercially successful, socially mildly visionary and aesthetically satisfying, both to residents and architectural critics.

Townsend was born in 1911 into an artistic family in Twickenham. He left school at

16 and developed his own practice mending sash windows and designing suburban semis. He did his first small-scale developments at Whitton and Twickenham at the age of 21. A year later, Townsend enrolled for evening classes in architecture at Regent Street Polytechnic, where he met Lyons, who worked for Gropius and Fry. In 1938, they combined in building some houses and maisonnettes.

It was Townsend who, after the war, persuaded Lyons to 'go the whole hog' with modern architecture. Parkleys at Ham Common (pictured), designed by Lyons and developed by Townsend as Eden Construction from 1952, was the model for the numerous future Span schemes, with its reticent architecture, small-scale private roads and generous communal spaces creating courtyards, well planted and landscaped.

Townsend's most original contribution was to establish legally watertight residents' associations to ensure the maintenance of the buildings and outdoor spaces that Lyons wanted for design reasons. The tyranny of the semi-detached house

was largely the result of the conservatism of mortgage lenders, and Townsend was clever in joining forces with Henry Cushman, an agent for the Alliance Building Society, in developing Parkleys and successfully breaking the mould.

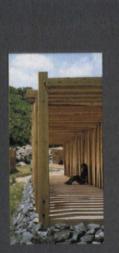
The collaboration with Lyons and his partner Ivor Cunningham, continued at Blackheath Park,

where Leslie Bilsby joined the team and became the main promoter and salesman. Townsend straddled architectural and commercial interests. He wrote in the AJ (22.1.55): 'Some architectural ideas have to be scrapped... other progressive ideas are incorporated even though at the time the public response may be a matter of conjecture. So far the public response has been highly favourable...'

Owing to the tight covenants on individual owners, Span developments are still looking as good as ever in their mature landscapes today.

Alan Powers

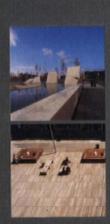
**EMERGING ARCHITECTURE AWARD** Inaugurated in 1999, the ar+d award was conceived by The Architectural Review and d line™ international as, the distinguished Danish architectural design firm. Intended to bring wider international recognition to a talented new generation of architects and designers under 45, in previous years it has attracted entries from over 60 countries, representing every continent. Work submitted has ranged from small domestic conversions to large public buildings, light fittings to landscapes. Supported by Buro Happold.















## Global Alliance for sustainable building

With world leaders gathered in Johannesburg for the Earth Summit, construction industry heads are holding their own conference on sustainability. Zoë Blackler reports

The Global Alliance for Building Sustainability (GABS) - established by the RICS Foundation, the institute's charitable offshoot - is holding its inaugural meeting in Johannesburg today and Friday. The conference, recognised by the UN as one of its official parallel events, is the only meeting at the summit to focus exclusively on construction issues.

More than 50 international governmental, professional and commercial organisations will be attending, among them RIBA president Paul Hyett, London's deputy mayor Nicky Gavron, the RTPI, the RICS and the UIA - representing over a million policy makers, practitioners and businesses. The

aim of this first meeting will be to kick off a dialogue between the different groups attending and to share and promote examples of best practice. But will GABS be no more than a talking shop, a preaching to the converted?

Hyett is critical of much of the discussions he attends about environmental issues but argues that GABS will have an impact in the creation of an international consensus. Through the collective voices of the various organisations attending, pressure can be brought to bear on individual governments.

Without an international agreement about standards and regulations, individual countries will be risking their own competitiveness if they demand higher levels of sustainability in building design, he argues. And architects alone cannot bring about change. Rather, governments must beef up the regulations to which all must comply.

Hyett will also be telling the delegation that a partnership between enlightened government, informed consumers and a responsible construction industry is crucial. And he will be calling on our own government to 'raise the stakes by putting its money and weight behind developing education through schools and advertising campaigns'. 'This government must make people realise the urgency and that there is a way out!' he says. Despite an increasing awareness of environmental issues and the trailblazing of a handful of architects, buildings are become less, not more, sustainable, Hyett claims, with buildings becoming more demanding in terms of their energy requirements.

The solution is to push intelligent design - sophisticated buildings that minimise the use of energy, drawn from renewable sources such as wind and water power. In this way, Hyett believes, the CO2 emissions

Michael Hopkins and Partners' Jubilee Campus at Nottingham University, engineered by Arup - applauded by the RICS as an example of best practice in building sustainability

> caused by construction, currently 50 per cent of all CO2 emissions in the developed world, can be reduced to zero. Ultimately, buildings could even become net givers of energy. With new buildings this could be achieved very soon, he believes; with old buildings it will be harder and take longer.

> The president of the RICS, Peter Fall, will also be present in Johannesburg, calling for international standards and guidelines for sustainable construction. But he will also challenge the professional bodies 'to show strong leadership by producing codes of

practice that fast-track the area of innovation into best-practice and sometimes formal regulations'. Collectively, he adds, through GABS, such codes would carry great authority and would bolster the arguments of individual practitioners in favour of sustainable choices: 'The GABS initiative will also help, providing a broad consensus and leadership at professional body level, adding weight and moral support to the arguments of millions of individual professionals daring to raise environmental concerns.'

The RICS has developed its own 'comprehensive project appraisal' to determine whether projects achieve a sustainable balance

between economic success and environmental and social benefits. 'It was developed,' Fall says, 'to supply the missing framework, beyond existing checklists and target indicators, for optimum results across a broad spectrum of projects.'

Fall will call for greater attention to be given to whole life cycle costs during the earliest design stages, as well as upgrading the energy efficiency of the existing building stock. And he will push governments to follow the example of Denmark, which is aiming for a 50 per cent cut in energy consumption by 2030.

But perhaps most crucially, GABS offers an opportunity to combat the fragmentation of, and lack of cooperation within, the construction industry. As Fall will tell the delegates in Johannesburg: 'It is the day-today work of the millions of individual members of the Global Alliance partners that we can make and influence decisions, project by project, that will bring these policies to fruition.'

· GABS will reconvene at the 'Building Sustainability 2002 Conference' in Oslo, Norway on 24 September.

### **BUILDING SUSTAINABILITY: THE RICS VIEW**

- The global construction industry is estimated to be worth \$3.2 trillion, employing 111 million people, with 20 per cent of all employment linked in some way to construction.

  One third of all construction work is repair and refurbishment.
- nstruction sector is responsible for e-sixth of freshwater withdrawals and
- About 40 per cent of total energy consumption and greenhouse gas

- per cent in the developed world).

  Most building professionals about 80 per cent operate within the 'comfort zone' of building regulations. A further 10-15 per cent apply best practice that goes beyond what is required. Only the remaining 5 per cent or so are innovators, of whom probably less than 1 per cent are involved in research

- Every year the UK construction industry

  - Consumes 6 tonnes of material per pers Obtains less that 20 per cent of the 240 nillion tonnes of aggregate used from econdary sources.
  - secondary sources. Generates 70 million tonnes of waste. Absorbs 10 per cent of national energy
- In Copenhagen, 93 per cent of waste from

# On top. Again.



### Topdek - Insulated Membrane Roofdeck System.

The next generation of single ply membrane panels makes specifying a successful flat roof system easy.

Fully compliant with Part L2 and Part J and LPC Insurer approved, Topdek is ideal for roof slopes of 0.5° plus or for curved roofs with a radius of greater than 70 metres.

Already used by Tesco and Asda, Topdek is guaranteed to keep you on top of flat and low pitched roof specification, time after time after time.

To keep up with the next generation of flat roofing, request the new Topdek brochure by calling 0870 240 4847 or visit our website at www.wards.co.uk



enquiry 12 on card www.ajplus.co.uk/ajdirect



### From the Earth Summit down: green action to the grass roots

WHAT'S NEW ON THE WEB?

The AJ's awardwinning website
is bristling with
new features.
Visit ajplus.co.uk
now and you can:

Use the archive. Check out past articles from the AJ or from sister titles Construction News and New Civil Engineer by hitting the archive button on the left of the homepage. Then simply press 'print'.

## editorial

It's time to get serious about the environment. It seems fitting, with ever more freakish weather events hitting Europe, that on the other side of the world, in Johannesburg, a huge congregation of nations and speakers is meeting to discuss what many of them suspect to be one of the chief causes of global warming – unsustainable development. And many of the fingers are pointing at construction as the chief criminal.

After all, they argue, 40 per cent of total energy consumption and greenhouse gas emissions are directly attributable to constructing and operating buildings; construction accounts for a sixth of total freshwater withdrawals; and, including demolition, it makes up 30 per cent of the waste in OECD countries. Shocking stuff, certainly. But without carefully thought-through plans of action at the micro scale to reduce them, they do not cause enough of a stir to make a difference.

Things, though, appear to be changing. The design team's responsibility to ensure that sustainable profligacy is kept to a minimum appears now to be entering a new phase. Targets are on the way, with the Royal Incorporation of Chartered Surveyors urging professional bodies to produce codes in order to get more innovative thinking. The RIBA has responded already with president Paul Hyett's belief that 50 per cent of Continuing Professional Development should be in this area. Perhaps the institute should also rethink how it polices CPD at the same time. It is also talking about getting members to reapply every five years on the basis of their CPD.

More attention needs to be paid to life-cycle costs of buildings. Governments must dangle fiscal 'carrots' for the developers to jump at. And the message must be hammered home to clients that an energy-efficient building, as with a good looking one, can save you money. Indeed, they can and should be one and the same.

But the strongest incentive for architects to look at how they maximise efficiency in the buildings they construct (if clients allow it) may yet be another financial one. The threat of litigation over sustainable issues may, sadly, be the ultimate catalyst for what is a responsible and sensible attitude on its own.

David Taylor

### letters

### Diana memorial: the Palace interfered...

In your last editorial you claim that I am not a Brit (15/22.8.02). This is, of course, fundamentally wrong. I have been British for almost 30 years. I am currently on my third British passport and very proud of it.

This might be funny, but not the fact that the Diana memorial competition result was taken by a minister on the colour of your passport and influence from the Palace.

Jan Kaplicky, London W11

### ... but only came up with the 'Dimmockesque'

Am I alone in considering that the actual decision on the Diana Memorial 'Fountain' represents the depths of bland compromise that our 'leaders' can sink to?

Regardless of opinions in respect of the late Princess, surely there was a duty here not only to the donators of the funds but also to those of the public at large, whose deeply felt expectations seem to have been sacrificed on the altar of half-baked conceptual 'new speak', and to have designed a more fitting and meaningful monument.

'Oh grave, where is thy victory? Oh death, where is thy sting?'... Oh please, not the sanitised 'Modernism' that will eventually turn this country into a huge shopping mall with 'Dimmockesque' water features where we can all have a mutual hug of 'reaching out/letting in...' why just not say 'ying and yang' and have done with it, for she was no Buddhist.

You only have to look to the Canadian Air Force Monument (Green Park), Somerset House (London) or the Pioneer Women's Memorial (Perth WA), to name but three fountains that embody remembrance, meaning, delight and, above all else, beauty, and are clearly inclusive monuments to all.

Will my children be able to sail boats in it as well as paddle? I think not, but no doubt we can look forward to a building study and some working details; I mean, it is a building, isn't it? It's certainly not a fountain.

Simon Danischewsky, Cambridge

### What's your secret for regulation compliance?



Having long enjoyed our game here of 'spot the Building Regulations faux-pas', your caption saying Mr Pawson's stair was a matter for 'continuing discussion', has caused much amusement (Building study, AJ 15/22.8.02).

What was the discussion? 'Does my stair meet the regs?'

'No'

'Oh bugger...'
End of discussion.

We have some tricky Part L issues here that could do with some 'continuing discussion'; I might suggest it.

Philip Jones-Lloyd, via e-mail

### Forget Po-Mo, the worthless fashion fad

In your last issue (AJ 15/22.8.02), Catherine Croft, as next director of Twentieth Century Society, is quoted as saying: 'We will soon need to take a serious look at Post-Modernism.'

At risk of appearing an old curmudgeon, no study of Post-Modernism could possibly be serious, for the basis of the style itself, having no worthwhile Ask Austin. If you have a technical query, look out the discussion forum to debate the latest issues, or discover the answers to problems from your peers – or from AJ technical editor Austin Williams.

Check out the latest news stories, including Mediawatch – Astragal's wry look at the architecture stories covered by the weekend newspapers. Mediawatch goes up every Monday. Or look up stories such as Kohn Pedersen Fox's second Oxford college scheme (pictured). The project is to design a new building to house dormitories, seminar rooms, and a lecture hall. The four-storey, 4,000m² building will provide space for teaching and student accommodation.



The Architects' Journal welcomes your letters, which should preferably be typed double-spaced. Please address them to the editor at 151 Rosebery Avenue, London EC1R 4GB, fax them on 020 7505 6701, or e-mail them to angela newton@construct.emap.com to arrive by 10am on the Monday before publication. Letters intended for publication should include a daytime telephone number. The editor reserves the right to shorten letters.

### ♦ YOU CAN ALSO AIR YOUR VIEWS ON OUR ONLINE DISCUSSION FORUM AT: WWW.AJPLUS.CO.UK

principles, was entirely fatuous. It was just a fashion gimmick. I trust it will be seen that way by thinking historians in future.

It was, of course, part of the intolerable nostalgia which began to grip the nation three decades ago, but responsible societies benefit no one if the minds of their leaders are so warped not to realise this. You have only to thumb through a book of modern British listed buildings, for instance, to find many that people with properly trained minds see as worthless. Patrick Hodgkinson, Bath

### Band on the run: standing room only

'Sometimes it is important to highlight examples of bad practice in order that lessons can be learnt' (AJ editorial, 18.7.02). Bexhill Bandstand (AJ 11.7.02), though a delight to the eye, neatly illustrates David Taylor's point.

As the photograph with the article clearly illustrated, it was apparently only built to accommodate a tea-dance band or a standing brass band playing without music stands.

Although local musicians had been consulted at the design stage, their input appears to have been totally ignored. The depth of each level of staging is too shallow to accommodate a seated player, his or her chair and a music stand and for trombone players.

The top level for percussionists is too small to accommodate all their equipment and has no protective back rail to prevent an over-enthusiastic drummer from falling off. (This is only one of several health and safety issues).

As a final indignity, unlike a traditional bandstand, the shell does not provide protection against the effects of the frequent seagull bombing runs – pity the poor tuba, euphonium

or saxophone player whose instrument's bell has just taken a direct and copious hit! Hoffnung would have had a field day. Andrew Stroud, Esher

### Hawksmoor's Christ Church will be restored

In connection with Jonathan Dove's 'A life in architecture', (AJ 15/22.8.02), your readers may like to know that the very final stage of the restoration of Hawksmoor's magnificent Christ Church is about to begin on site. The internal works will complete the overall restoration plan started in 1975, and return the church as closely as possible to Hawksmoor's vision. It is made possible by the generosity of the Heritage Lottery Fund, private trusts, and private and corporate donors.

The architect leading the restoration is Purcell Miller Tritton, working to the detailed design of Whitfield Partners, with Cook and Butler as quantity surveyor and ourselves, Malcolm Reading & Associates, as project manager. We aim to complete these works by the summer of 2004.

Malcolm Reading, Malcolm Reading & Associates, London W1

### Gateshead before the Baltic - a memoir

It's a long time since I lived in Gateshead. At the time of my childhood, men went to work in pits and in shipyards, the river was full of boats, the riverbank teemed on Sunday mornings with traders, and a man tied himself up in chains and then escaped.

The Keep was a place of mystery and awe, Shepherds was a fairyland consumer contrast to the Co-op on Saltwell Road, and the pubs on the quayside were daring venues for underage sweet martinis and a cherry. Bridges were escape routes into

Newcastle and the exciting possibilities of Fenwick's and the Jazz Club. Life was essentially dominated by the adult world of grimy but life-sustaining industry and the Tyne rolled through us in a slimy roily flow. The glorious bridges linked the banks of the river, the north and south, with beautiful structures that echoed the industry ruggedness of those who lived and worked there. The King Edward was my favourite, protecting the walker from the full blast of the cutting wind with girders the size of tree trunks and rivets like tea cups.

My visit to the Baltic opening the other week finally marked the cut in links with such a history, a final shift from past to present, from what things do to what they look like, from function to form, from roiling poison to otters, from shipyards to Angel wings, from massive hulk to blinking delicacy, from fairyland shepherds to cinematic icon.

The Baltic is indeed beautiful and I loved the chance to look up and down the river through elegant glass walls, felt privileged to walk around on a special day, wearing the mantel of ownership that I always feel in public buildings. But I felt personally severed from a past to which there is no reference except a hollow shell. The Angel stands aloof and aloft glancing perhaps at her transformed sister and wondering if anyone will remember, because if they don't, they'll get little help from the changing skyline, habitat, landscape that was my birthplace.

I was consoled by an incident in the ladies WCs. As they stood before the mirrors, the two girls plumped up their hair, smoothed their stretch brief skirts and one said to the other: 'Eh, these are lovely lavatories but there's nee where t'put yer handbag.' Perhaps the spirit of the place will last a bit longer in

the mind and memory, even if the landscape is nipped and tucked out of history.

Heather Geddes, London

### Well done Ash Sakula but we 'won' too!

Congratulations to Ash Sakula on its 'scoop' of the first prize in the RIBA 'Homes for Learning' competition for the London Borough of Barking and Dagenham.

Mention should perhaps also be made of second-prize winner Mary Thum Associates' 'welldesigned and beautifully detailed practical rear extension design', and of third-prize winners Martin Castle and Monika Bik's 'beautifully computer rendered' student entry.

The three winners and five commended schemes will be exhibited at the RIBA Competitions Gallery at CUBE in Manchester, 11 September to 2 October. And the three winners will be displayed at the RIBA Competitions Gallery at the RIBA's Portland Place head-quarters, 8-28 October.

We are quite proud of our first win in a major competition and think it deserves a mention in the AJ!

Mary J Thum, London SW1

### An open and shut case for Manchester law



On the basis of my experience of the quantities of paper involved in legal matters, could I be right in thinking that one inspiration behind the form of Denton Corker Marshall's proposed Manchester Civil Justice Centre (AJ 15/22.8.02) is the filing cabinet?

William Hird, via e-mail



### will alsop

# Yorkshire Forward will lead the north to a brighter future

Yorkshire Forward is the only regional development agency I know of which has made the link between good design, urbanism, vision and economic and social health.

It is demonstrating this by assembling an urban renaissance team to create visions and strategies for the towns of South Yorkshire. In 2001, Yorkshire Forward compiled a team under the leadership of Alan Simpson to dream about the first six towns in the region. After an OJEC process, I found myself alongside Urban Initiatives, JTA and David Locke on a bus viewing the six towns in question: Doncaster, Wakefield, Huddersfield, Scarborough, Grimsby and Barnsley.

Although each team was assigned to a different town, a representative from each team was asked to attend monthly panel meetings, enabling the various teams to learn from each other, as well as share problems.

The idea of cooperation between consultants who are normally in competition with one another is novel, and works, I believe, extremely well. No one was suggesting that there was a correct way to proceed or a received methodology that might be applied. The Renaissance Panel is a totally open and exploratory body that, to my knowledge, is unique. Indeed, the towns themselves are unique, although they share some things in common. They have all suffered from a lack of investment. Life in the 21st century has moved on, and the traditional industries and pastimes of these northern towns have long gone.

Scarborough sits on a headland and wraps itself around two bays. The setting is beautiful and you can fully understand why it was a successful seaside resort. On closer examination, one sees that the town is full of low-key bed and breakfast joints, and the former Grand Hotel can no longer justify such a title. Local authorities have exacerbated the

problem by off-loading their 'problem' people – drug addicts, socially unemployable etc – into the B&Bs. As a result, the town has a problem of image as a town full of depressed people. No one has stopped to think about the reinvention of the English holiday resort, or even of de-resorting resorts into decent, normal places to live that happen to be by the sea. Yorkshire Forward is worrying about these issues and the Renaissance Panel is excited about the possibilities. It is, though, too early to report at present.

Grimsby and Immingham are a disgrace.
Clearly fishing has long since abandoned the harbour as we have systematically emptied the North Sea of the town's livelihood to simply replace it as the home of fast food, which is (hopefully) going rapidly out of fashion.

As a port, Immingham has the largest annual tonnage of any British Port passing through it, but in spite of the value of the goods, none of the money generated finds its way into the town. Instead it flows via the middle management to the villages in the North Lincoln Wolds. Grimsby is left with people working on the minimum wage, ogling imported cars they cannot afford in a town which, in the main, is ugly. The promise of in-town dock-view living is frustrated by Associated British Ports which, perhaps, has single-handedly prevented good-quality development from occurring in defunct British ports than any other agency.

Quite rightly, the team here is looking at a sustainable beauty which could transform a fantastic estuary. Perhaps we can see a festival town with accessible docks mixing commerce with real life, and a return to research in order to put life back into the North Sea, as well as into the town itself.

To be continued...

WA, from an airport bar in Majorca

'Grimsby has people working on the minimum wage, ogling imported cars they cannot afford in a town which, in the main, is ugly'

### people

Sheridan Coakley says he still regards himself as something of an amateur in the furniture business. Surprising, really, for someone whose name has become synonymous with British contemporary furniture during the past 20 years.

His company, SCP (Sheridan Coakley Products), has been manufacturing and selling contemporary and classic furniture designs since 1985, but he says his success is really down to common sense, intuition and a genuine enthusiasm for what he does.

Coakley's interest in furniture began in the late 1960s when he ran a stall in Camden Market in London. In the beginning, he was buying and selling mainly old photographs and books, with the odd piece of second-hand furniture. 'It was the perfect alternative lifestyle that enabled me to earn a living without the nine to five,' he says. His interest evolved and he started visiting auctions to buy and sell pieces, and found that he was acquiring a specific interest in early 20th-century design.

Eventually, he opened a shop in Fulham, but says: 'It wasn't about collectors' items in those days; it was simply second-hand furniture. People bought it for different reasons then, because it was cheap and well designed. And they bought it to use it.' As the years went on, it became more difficult to source original furniture, particularly 1930s tubular steel pieces by designers such as Mies van der Rohe and Le Corbusier. Coakley, though, found that it was relatively cheap and easy to reproduce these designs and began making a range of re-issues.

In the mid-1980s, he visited Philippe Starck's Café Costes in Paris. 'I had never seen anything like it. I knew that this was the kind of stuff I wanted to sell.' He called the furniture manufacturers and within weeks opened a new showroom with the UK's first ever Philippe Starck exhibition. Shortly after, Coakley was introduced to graduate Matthew Hilton, who, along with Jasper Morrison, designed SCP's first collection – which was launched at the Milan Furniture Fair in 1986.

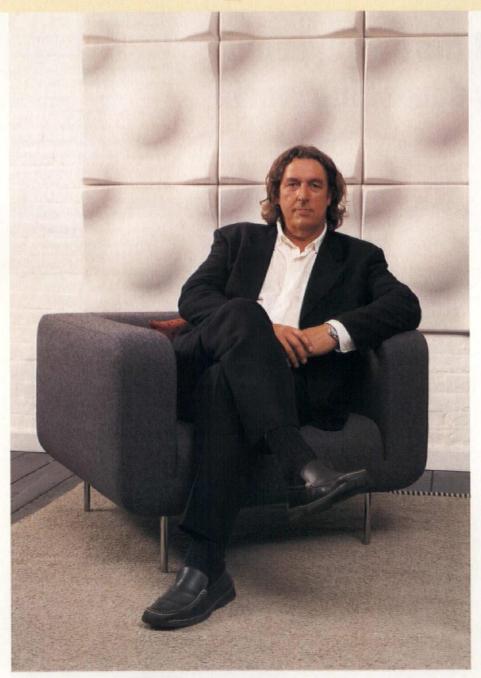
By now, Coakley was leasing a ground floor space in Curtain Road, Shoreditch, an area he chose at the time for its central location and wealth of furniture factories, workshops and local craftsmen. 'Shoreditch was the UK's furniture capital then and had been for a good many years.'

Over the years he has seen first hand the extent of regeneration in the area. The

### Sheridan Coakley, founder of East End furniture business SCP and a member of the advisory board of 100% Design, to be held next month at Earls Court, says his and SCP's success is down to common sense, instinct and enthusiasm

by victoria huttler. photograph by david cowlard

## furnishing flair



developers have moved in and the craftsmen have moved out. Warehouse space is at an absolute premium and much of it has, of course, now been converted into loft apartments, trendy bars and chi-chi restaurants. But Coakley was particularly sad to see one of the last Shoreditch institutions shut up shop a few months ago. Parry Tyzac, a family hardware business that had supplied the furniture trade since the 1840s, had to close its doors.

'It got an unbelievable offer on the

freehold that it simply couldn't refuse,' he says.

However, SCP is one of the success stories of the East End property boom. In the mid'90s, when wealthy city types first began to move into the area, they subsequently sought to furnish their designer lofts with designer furniture. SCP, which had previously only supplied to trade, found that there was more and more demand from the public to buy its furniture. 'We were one of the few places where people could buy a

Saarinen table or Panton chair – before that, you just couldn't buy pieces like that.'

Now SCP has large concessions at Selfridges in London and Manchester – and soon in Future Systems' Birmingham store. Its retail business is doing 'very nicely' and the business divides roughly equally between contracts, retail and manufacturing.

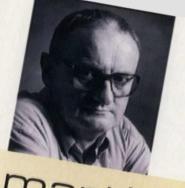
Was there ever a business plan? 'What's that?' Coakley laughs. 'The way we have always run the business is through instinct. We've grown in a very unstructured and organic way that has allowed us to be flexible and perhaps take routes we otherwise wouldn't have been able to.' There is no doubt that much of SCP's success is also down to clever timing. 'I have waited 17 years to become fashionable – I suppose anything becomes fashionable if you wait long enough,' he jokes.

Despite its success in retail, the company still launches a new range of furniture each year at the Milan Furniture Fair. 'It's important for us to stay true to what we do—the whole business has changed so radically in the past decade.' Coakley commissions the cream of British talent: Jasper Morrison, Robin Day and Terence Woodgate to name a few, although the signature piece is undoubtedly Matthew Hilton's Balzac armchair, of which SCP sells about 700 every year. The chair is featured with other SCP pieces in the 1990s room in the Geffrye Museum and has been hailed as an antique of the future.

Coakley is passionate about the UK design scene, and maintains that the UK has the best furniture designers and design schools in the world. 'I do think there are too many furniture designers but there are more opportunities now than there has ever been,' he says. 'The UK is regarded internationally as a hothouse for furniture design. Italian manufacturers scour the fairs and shows for new talent.'

Coakley has been on the 100% Design advisory board since the London show's beginnings. 'We have to police who's allowed to exhibit and who isn't,' he jokes. 'How do you justify choosing one design over another? A lot of the time you just go with your instinct.'

Asked about his plans for the future, he seems happily nonchalant: 'I suppose we should open a shop in west London, but the important thing is that we carry on making and selling quality furniture that will still be around in 20 years' time.'



# martin pawley

insights? When

they are not

a Jin Mao

Millennium

Village their

# Appliances feel the strain in our technologically advancing world

There is an odd pattern to technological evolution. New processes start off manually, then become mechanical, then electrical, then electronic until, finally, they ephemeralise and lose their separate identity altogether. For example, in 1915 the big problem was how to fire a machine gun through the propeller of an aircraft without chopping off the blades. The problem was solved mechanically but evolution did not stop there. By the 1950s, fighter aircraft no longer had propellers. Soon they

Thus too with innovations in construction: to start with they require manual labour; then their production is mechanised; then prefabricated in a factory; and, finally, they become mass produced elements in a cladding system. So much for the hardware, but what happens to the radical insights themselves? When they are not subsumed into a Jin Mao Tower or a Millennium Village their fate is even stranger, as the story of a recent example shows. Tower or a

Just over a year ago a consultancy firm called ECD Energy & Environment, a branch of ECD Architects, came up with some thermal calculations for housing that stood the conventional wisdom of sustainability on its head. For a start, its investigations led to the conclusion that passive cooling systems aimed at cutting

fate is even CO<sub>2</sub> emissions in new housing were all but useless stranger' because whatever impact they might have would be swamped by the unincluded heat output of domestic lighting and household appliances, all of which remain under consumer, rather than designer, control. To show the scale of this imbalance a director of ECD was quoted as saying that a breakdown of the heat output of a typical threebedroom terraced house with a top National Home Energy Rating would be lights and appliances 40 per cent; space heating 17 per cent. If you are looking for cost-effective energy savings then 22 the architects' journal

appliances are the area to aim at, 'he concluded.

At first this seemed to be little more than an interesting breakthrough on the realism front but, because of the aforementioned oddness of technological evolution, things did not stop there. After a year of not entirely inexplicable silence while the wind tower, ground water and chilled beam crowd chewed their pencils nervously, the idea of going to the appliance manufacturers for fast results rather than to the architects for token design features sur-'What happens to the radical

faced again last month, this time to be tried out on the world stage of the Johannesburg sustainability summit. There the final solution to the 'appliances first' question was due to be presented in a widely circulated report issued by the Food and Drink Federation, which represents Britain's £66 billion food and drinks industry.

subsumed into The report argues that because of the low thermal efficiency of domestic cooking industrial catering equipment, compared any increase in the domestic processing and cooking of food will serve only to bring about an increase in overall energy consumption, and thus contribute to global warming. This analysis, the flip side, as it were, of the original ECD attempt to redirect energy research back from the building

appliances inside it, has already made friends in envelope to the design of the high places, including the UN Environment Agency, which at the time of writing intends to publish it on two of its websites. Unhappily, it has also made powerful enemies, too. Not least Friends of the Earth, which has accused its writers of saying that consumers can only save the planet 'by living in large groups and eating takeaways while ignoring the fact that food packaging is a huge part of the waste problem.

Clearly a bit of spin is needed before the idea of super-efficient appliances makes its next outing.

# a life in architecture

### lucinda lambton

The odd, the outré and the ornamental typify writer and broadcaster Lucinda Lambton's choices. She discovered Lucy, the Margate wooden elephant, a zoomorphic structure built on the New Jersey seafront, while researching a TV programme about buildings that could only be American. The elephant was built by property speculator James Lafferty in 1881. Lambton has an enduring soft spot for Lucy, with her'Gothic gastric pink stomach;

Lambton is writing a book on Caribbean architecture and is fascinated by its new vernacular of vast, palatial houses but also the more traditional, brilliantly painted chattel houses of Barbados, 'built in days and painted in hours: On Antigua she is overawed by a fearsome fort built from the green volcanic ash stone, still standing after three centuries.'It looks like the big rock candy mountain, only in bright shining green.'

Back on this side of the pond, she loves Mount Stuart on the Isle of Bute, a Victorian Gothic pile completed by the builder's great grandson, the present Lord Bute; the Duke of Chandos' mausoleum in Stanmore, north London (pictured),



'full of trompe l'œil' trickery'; and the triangular lodge in Rushton, Northamptonshire, a Tudor conceit celebrating the Trinity.

For a modern building, she picks John Outram's Egyptian house in Oxfordshire, 'It sits between two supposedly "English" style houses, and it's so exhilarating next to these two... Neo-Tudor nothings, it makes me want to cheer!

Deborah Mulhearn 29 August 2002











the fine art of architectural ironmongery

Discover the fine art of architectural ironmongery with George Boyd by visiting our website or by contacting us on: e-mail info@george-boyd.co.uk or Lo-call o845 601 3547.



enquiry 15 on card www.ajplus.co.uk/ajdirect

A one-day conference organised by





**Construction News** 



# THE REAL COST OF BUILDING

## applying whole life costing in construction

Thursday 24th October 2002, Royal Institute of British Architects, London W1

Historically, the construction industry has focused on the capital cost of constructing the built environment. Now, clients, designers and contractors are increasingly concerned with whole life cost. This growing interest is driven by PPP and PFI projects, and by the emerging realisation that many of a facility's lifetime costs, including those connected with maintenance and refurbishment, can be determined at the initial design stage.

For further information and a full schedule contact Magda Mojsa on 020 7505 6745 or email magdalena.mojsa@emap.com

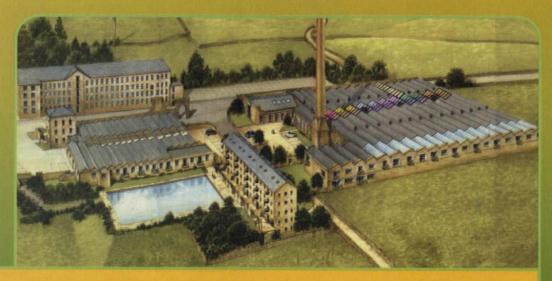
This conference will be of immense value to those involved in, or seeking to be involved in, PPP/PFI projects, MOD Prime Contracts or housing association work. It will also provide a healthy mix of research expertise and practical application.





# WORK IN

Here we highlight a selection of residential, public and commercial, and education projects that are either at the design stage or currently on site. The projects chosen illustrate the diversity and energy of contemporary British architects



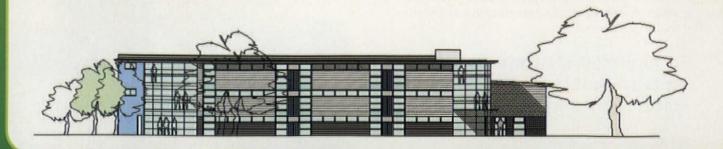
#### LOWRY DESIGN

#### OATS ROYD MILL, LUDDENDEN, YORKSHIRE

The Grade II textile mills date back to 1847. The single-storey north-lit buildings will be renovated and converted to 29 luxury apartments, while the former five-storey mill, destroyed by fire, will be rebuilt to provide 21 apartments. Start on site is August 2002 and the project value is £4.13 million. Structural engineer is Thomason Partnership and the energy advisor is esd.



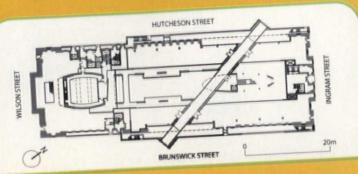
#### PRIOR MANTON TUKE POWELL



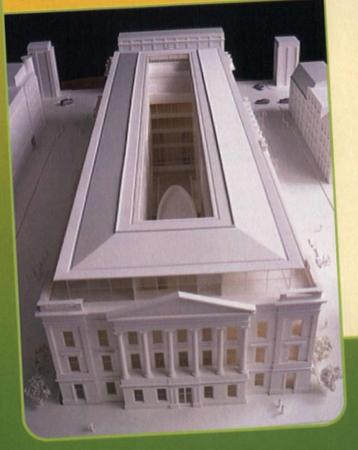
# PROGRES

### FORMER SHERIFF COURT, GLASGOW

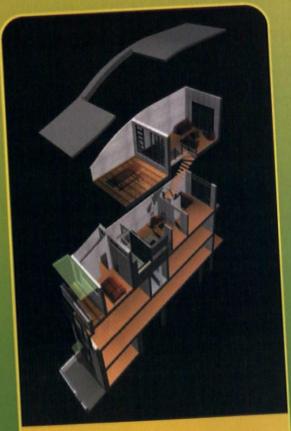
A layered reuse of a building between George Square and the Merchant City. The basement will provide a new home for the Scottish Youth Theatre, entered through a lightweight pod in the courtyard. The ground floor will comprise shops, pubs and restaurants. Above will be offices and penthouse flats. Completion date is end of 2003.



### THE PARR PARTNERSHIP



YOUNG PERSONS SUPPORTED HOUSING, BRACKNELL A development of 20 studio apartments for people aged between 16 and 24 who need support at this stage of their lives. The intention is to prefabricate apartments off-site, with external walls completed traditionally. The client, Look Ahead Housing and Care, has appointed an artist to be involved in the cladding design. The completion date is March 2003 and the project value is £1.2 million. Structural engineer is Price & Myers and construction partner is HN Edwards.



### ALAN CAMP ARCHITECTS

ROTHERHITHE STREET, ROTHERHITHE, SOUTH LONDON A residential scheme of 14 flats and 20 maisonettes, nine for shared ownership with Broomleigh Housing Association. Completion date is October 2002 and the project value is £3.2 million. Structural engineer is Project Design Consultants service engineer is Helix Services Consultancy.



### SIMON CONDER ASSOCIATES

HINE HOUSE, RIVER EXE, ESTUARY, DEVON A family house to be built on a prominent hillside overlooking the estuary. Main living spaces, study and the main bedroom will be at first floor level to exploit the views. Four bedrooms, bathrooms and a utility room will be below. The house will be surrounded by interlinked walled gardens. Completion date is summer 2003 and the project value is £950,000. Structural engineer is Techniker and Services engineer is Fulcrum Consulting.



#### VISTA, DUNGENESS

A beach house to be created from an existing dilapidated building on a shingle beach. The existing building will be stripped back to its frame, extended to the south and west and clad externally and internally in ply. Externally the ply wall and roof will be finished in black rubber. Completion date is December 2002 and the project value is £80,000. Structural engineer is KLC Consulting Engineers.

### **DAVIS DUNCAN ARCHITECTS**



### 27 WHITTINGEHAME DRIVE, GLASGOW

This speculative villa for a gap-site in Glasgow's West End will comprise a large open-plan, split-level ground floor with four bedrooms above, about 185m' overall.

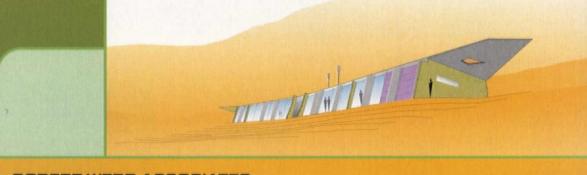
Construction will be white render and plaster walls, limestone and oak floors and natural sandstone to the front elevation. The completion date is January 2003. Structural engineer is Woolgar Hunter and landscape architect is City Design Co-operative.

### MARY THUM ASSOCIATES



### PRACTICE STUDIO AND GUEST HOUSE WEST HAMPSTEAD, LONDON

The new building will replace an existing garage. Since planning restrictions require the roofline to match the original garage height, the new double-height will be achieved by depressing the building one storey below street level. Construction will be of smooth render, glass and timber. Anticipated completion date is mid-2003.



#### **ROBERT WEBB ASSOCIATES**

#### FIAG HOUSE, SCOTTISH HIGHLANDS

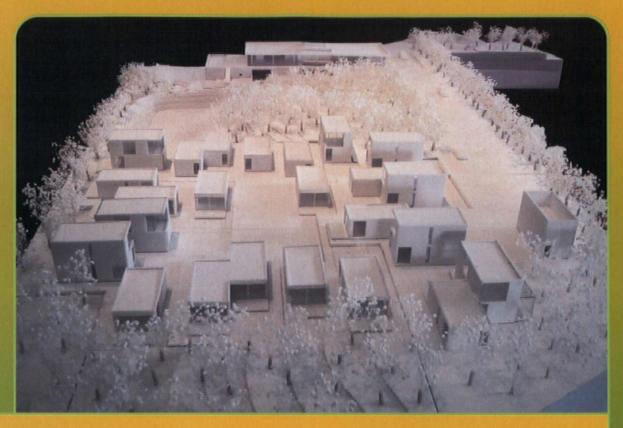
On a remote site, the house will occupy a step cut in the granite hillside, addressing views of the loch. A multilayered, adaptable facade will combine insulating blinds internally, structural glazing, covered by moveable shading with security screens. Intended to be carbon-neutral, electricity will come from a micro-hydro plant, which will also charge an electric vehicle. The completion date is August 2003 and the energy consultant is XCO2 conisbee.

### **GLAS ARCHITECTS + DESIGNERS**

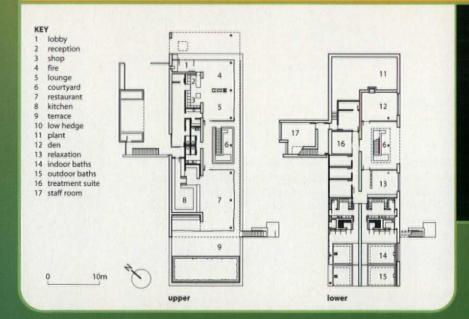
#### TWO TERRACED HOUSES,

CHAPEL ROW, EALING, LONDON Chapel Row is a mixed street with houses from the Georgian era to the mid-20th century. The client's requirement for a ground-floor living area with private space upstairs matches the two-up, two-down format. Designs are complete. Predominantly off-site prefabrication is envisaged. Techniques to be tested include grey-water recycling and use of renewable materials.





#### **CONRAN & PARTNERS**



### NIKI CLUB HOTEL, NASU, JAPAN

Among mature trees in a listed woodland are two existing clearings. In one, the Lodge will comprise lounge, restaurant, spa and owner's den, all addressing the landscape. In the other will be 24 guest pavilions clad in rough-cut slatted timber. Informal planning will give each room a unique outlook. Completion date is June 2003. The implementation architect is Yamamoto Hori Architects; structural engineer is Hitoshi Okamura; and services engineer is Phase.

#### **FAULKNERBROWNS**

WEYMOUTH AND PORTLAND NATIONAL SAILING ACADEMY, PORTLAND, DORSET This is an English Institute of Sport national, high-performance training and competition centre for excellence in sailing. It comprises lecture and briefing rooms, changing rooms, workshop, administrative centre and social spaces. Structural and services engineer is Gifford & Partners and the marine engineer is Posford Haskoning.





### MCMORRAN & GATEHOUSE

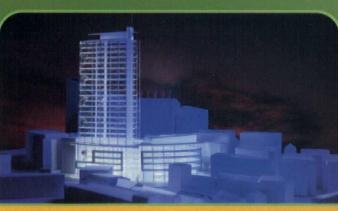
LEWES LIBRARY, LEWES, EAST SUSSEX The new library will be combined with a Citizens Advice Bureau and Regional Literature Centre. It will be on three storeys facing Friars Walk and two storeys facing the new public square. A southfacing slope will be used to form a public terrace at first floor level, with sunken public/civic space at ground floor level and natural stepped

amphitheatre seating. Start on site is January 2003 and the project value is £2.5 million.



WELLBAR HOUSE, GALLOWGATE, NEWCASTLE UPON TYNE This redevelopment is part of a comprehensive masterplan to rejuvenate a run-down part of the city centre. Phase 1 will include 11,000m<sup>2</sup> of offices around a new public square and promenades. Later phases, totalling 55,000m², will comprise offices, residential accommodation and hotels. Completion date is August 2004 and the project value is £14 million. Structural and services engineer is Arup.







### **BUILDING DESIGN PARTNERSHIP**

SCOTTISH CENTRE FOR CREATIVE INDUSTRIES, NAPIER UNIVERSITY, CRAIGLOCKHART, EDINBURGH Adjacent to the Grade A-listed New Craig, a former psychiatric hospital, this 8,000m³ arts and media faculty will be set into a steep slope, forming a sequence of grass terraces. Between terraces, large inclined north lights will ensure glare-free daylight to classrooms and studios while providing panoramic views of the Edinburgh skyline. Suspended at the heart of the building will be the mediadrome, a 300-seat auditorium, copper-clad above ground. Completion date is autumn 2005 and the project value is £15 million.



### **FAULKNERBROWNS**

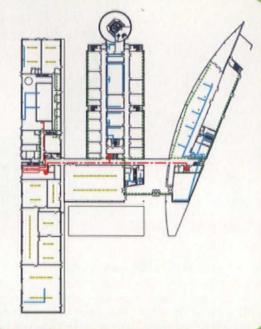
### LANCASTER UNIVERSITY INFOLAB 21, LANCASTER

Infolab 21 aims to be a centre for excellence in information and communication technologies, a world-class focus for research, development and exploitation in the North West. The university facilities will be linked to a 50-business incubation centre. Sited prominently to the south of the campus, it will have a dramatic presence from the M6. Completion date is Easter 2004 and the project value is up to £15 million. Structural engineer is Anthony Hunt Associates and services engineer is Hoare Lea & Partners.





MARITIME COLLEGE OF IRELAND, RINGASKIDDY, CO CORK
A PPP-procured training facility for Cork Institute of Technology and
the Irish Naval Service. The entrance and atrium will lead to a threestorey circulation hub, linking three distinct wings, comprising
14,000m² in all. Completion date is late 2003.





NEW STUDENT CENTRE, UNIVERSITY OF ABERTAY, DUNDEE
The design is based around a curved wall, complementing the new
library opposite. A double-height glazed space projecting forward
follows the rectalinear street pattern. Accommodation will include social
spaces, study areas, a multi-purpose performance space, interactive cafe,
food court, bars, fitness/sport facilities and a student advisory area.
Completion date end of 2002. Project value is £4.25 million.

### THE PARR PARTNERSHIP



# aj interiors



### El Ultimo Spin City lampshade by Mathmos

Mathmos has launched this new addition to its Spin City range this summer. The aluminium lampshade has a slit on one side which allows it to just slip over the existing bulb and holder. El Ultimo Grito are a Spanish design duo who teach at the RCA and have several designs to their name. Retail value £55.

# 100% giveaway

There's now less than a month to go until 100% Design, the UK's leading commercial contemporary interior design fair, with more than 450 companies showing their wares. And in addition to a range of new products on show (AJ 25.7.02) there is an exciting programme of seminars and events.

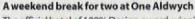
The AJ's small projects exhibition will be on show on our specially designed stand (A46) along with subscriptions offers and information on our web site at applus.co.uk. We will also again be holding the AJ/100% Design architects' evening on the first night of the show, Thursday 26 Septem-

> ber. Look out for your invitation in an issue of the AJ shortly. This invite can be exchanged for a free beer at our party, and also gives you a chance to win one of the fabulous prizes shown here, including a weekend stay for two with breakfast in the official hotel of the show, One Aldwych.

> And, don't miss the AJ seminar, 'Fashioning Space' - broadly on the issue of designing for designer labels - also on 26 September at 6pm. The seminar will be chaired by AJ acting editor David Taylor. It will feature Stirling Prize celebrity judge Wayne Hemingway, who can provide the client's perspective from his experiences designing Red or Dead stores and as a designer with Wimpey Homes; and Christopher Bagot, from young award-winning practice Softroom, which has completed a number of fashion outlets. Admission to the seminar is free,

> > David Taylor

Cylinda Line Teapot by Arne Jacobsen for Stelton Jacobsen designed the Cylinda Line range for Stelton in 1967 and it has been a design classic ever since. The series received the prestigious Danish ID Prize in 1967 and today the range is represented in many museum collections including the Museum of Modern Art in New York and the Design Museum. The Cylinda Line Teapot's retail value is £179.



The official hotel of 100% Design, award-winning One Aldwych, located in Covent Garden, features contemporary interiors, two restaurants, a bar and pool. All rooms have individually controlled air conditioning, televisions in the bathrooms, CD players, high-speed modems and private telephone lines. Prize value £825.



one ALDWYCH london the contemporary luxury hotel



### Glo-Ball Table Light by Jasper Morrison for Flos from SCP

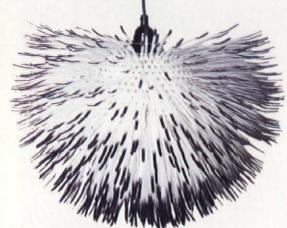
Jasper Morrison, one of the world's leading product and furniture designers, designed the Glo-Ball range for Flos, made from steel and blown glass. SCP now has concessions in Selfridges in London, Manchester and soon at Future System's Birmingham store. Retail value £205.

with entry on a first come, first served basis.

the architects' journal seminar is sponsored by Teknion

26-29 September at Earls Court 2, London Trade only: 10am - 9pm on Thurs 26, 10am to 7pm on Fri 27, 10am to 6pm on Sat 28 Trade and public: 10am - 6pm Sunday 29

### 100%DESIGN



## habitat®

### **Eight Fifty Pendant Light from Habitat**

Eight Fifty is a witty pendant light designed by Claire Norcross. It uses plastic pull ties to create a beautiful lamp which, if used with a dimmer switch, can turn from functional to ambient with great effect. Eight Fifty retails at £65.



### Stool 60, designed by Alvar Aalto for Artek

Stool 60 was designed by Alvar Aalto between 1932-33. The three-legged stacking stool has inspired many imitations but remains a true design classic. It is available with various seat options, including birch veneer, linoleum, ikilaminate or upholstery. The stool we are giving away has a grey laminate seat and retails for £76.

### Soft Egg Chair, designed by Philippe Starck for Driade from Viaduct

Launched in the UK in June, Soft Egg is made from one piece of moulded polypropylene and is suitable for indoor or outdoor use. The chair is stackable and has been anti-UV treated to prevent the colour fading when left outside. Soft Egg retails at £62.





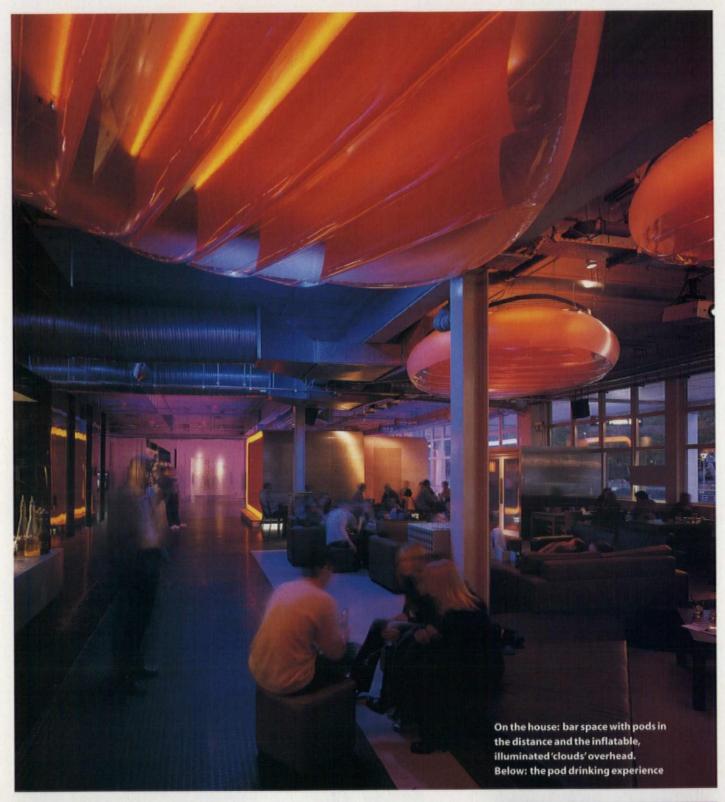
### Melt table, designed by Pietro Silva for Dornbracht

Designed by architect Pietro Silva. Dornbracht is a German company producing bathroom and kitchen accessories. It has grown from a family business established more than 50 years ago combining craft skills with modern production methods. The retail value of Melt is £225.



#### Dinner for two at Baltic Restaurant, courtesy of Luksusowa Vodka

Baltic Restaurant on Blackfriars Road, London, is a contemporary restaurant specialising in Eastern European cuisine. The prize value is £25 per head plus a half litre carafe of Luksusowa Polish luxury potato vodka. Total prize value is just over £80.



# All bar none

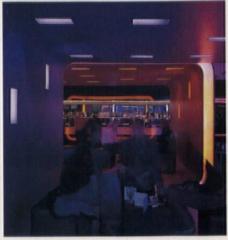
By Victoria Huttler. Photographs by Chris Gascoigne/View

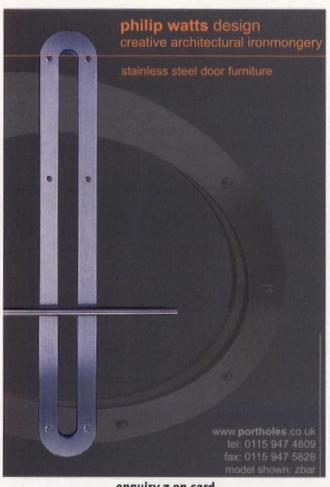
Buckley Gray has created a vibrant bar on Bristol's harbourside that injects colour, light and movement into an industrial shell using different stand-alone design 'installations' to create impact within the space.

The building's existing fit-out was stripped out, exposing steel beams, concrete floor and galvanised steel ductwork to give a raw, industrial feel. A floor-to-soffit height of some 4m was created, providing a contrasting backdrop against which the installations could sit within the space.

The bar, called Bar Room Bar – has about 400m² of licensed space. In order to create maximum impact for the project's budget, the architect's approach was not to attempt a complete re-fit of the entire space, but to focus on three types of main design installation.

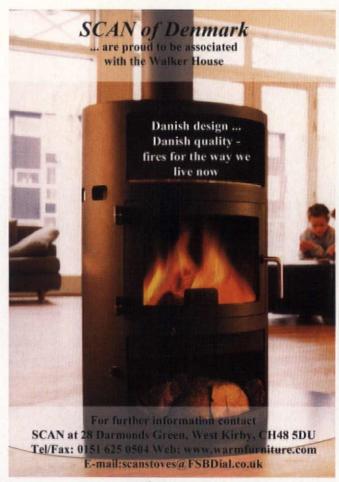
Three 'seating pods' create intimate,





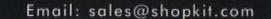


Tel: 01923 818282



enquiry 10 on card www.ajplus.co.uk/ajdirect

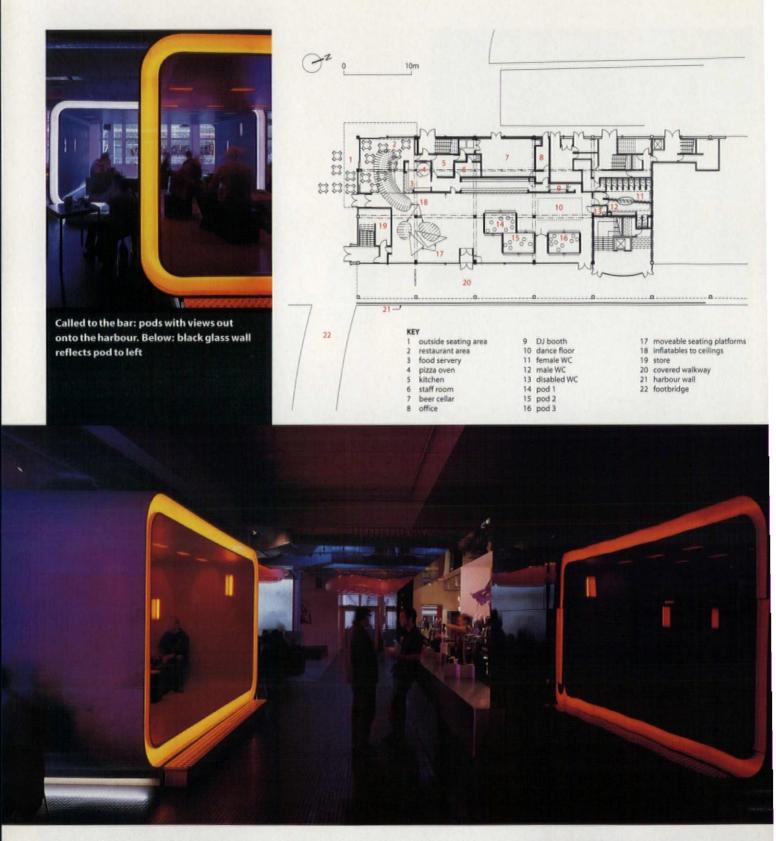






Web: www.shopkit.com

enquiry 8 on card www.ajplus.co.uk/ajdirect



raised seating areas for drinking. The intention was also for the pods to define the space around them. Each pod has illuminated edges that face out towards the harbour and can be seen from the opposite side of the water. Constructed from beech plywood, the pods are clad in vibrant pink, purple and orange rubber.

As a second intervention, floating above the main bar and restaurant areas are three inflatable 'clouds' that hover beneath the exposed ductwork. Cold cathode lighting tubes inside the clouds are set to give the illusion of light moving across them.

The new back wall is the third design fea-

ture, clad in black glass panels which are perforated with slots for the DJ booth, serving hatch and bar. The wall is designed to reflect back into the main space the light and movement created by the pods, floating clouds and partygoers.

As well as these, an extensive outdoor drinking area has been created, reached through glass sliding doors. Lighting in the two entrance lobbies is a cool blue to contrast with the warmth of the interior lighting scheme.

More club-like than pub-like, Buckley Gray's theatrical treatment defines the bar's place in the Bristol scene.

#### CREDITS

CLIENT
Spirit Group
ARCHITECT
Buckley Gray
STRUCTURAL ENGINEER
Clark Smith Partnership
LIGHTING DESIGNER
Kate Wilkins Lighting
Designer
QUANTITY SURVEYOR
The Robin O'Brien
Partnership
MAIN CONTRACTOR

**HM Shopfitting** 

### SUBCONTRACTORS AND SUPPLIERS

Air conditioning/pizza oven/bar equipment IAC Refrigeration & Air Conditioning; inflatables Inflate; black wall to bar and servery, black-backed glass panels HM Shopfitting; Mondopave floor to bar Altro; floors to pods Dalsouple; oak parquet floor to restaurant area Bauwerk Parkett (UK)

# You can get ordinary key cabinets anywhere

For <u>real</u> quality, total security and infinite adaptability, you'll need

# SEND FOR FREE

# COLORCAP

# AS USED AND RECOMMENDED BY THE POLICE & CRIME PREVENTION OFFICERS

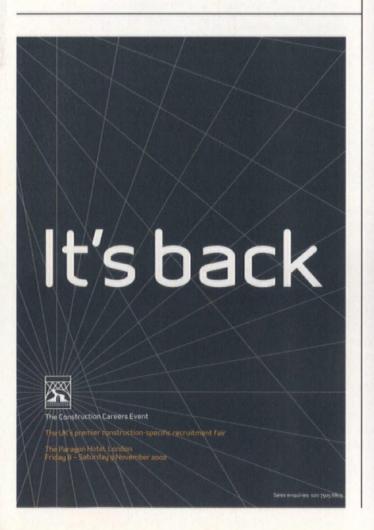
- · Solid steel construction
- Locking bars on all major cabinets
- •Inner security chambers for maximum security
- Removable key index
- Cabinets available for 15-1000 keys
- Location cards tell you exactly where every key is

#### H.S. WALSH & SONS LTD.

243 Beckenham Road Beckenham Kent BR3 4TS Tel 020 8778 7061 Fax 020 8676 8669 E mail hswalsh@dial.pipex.com

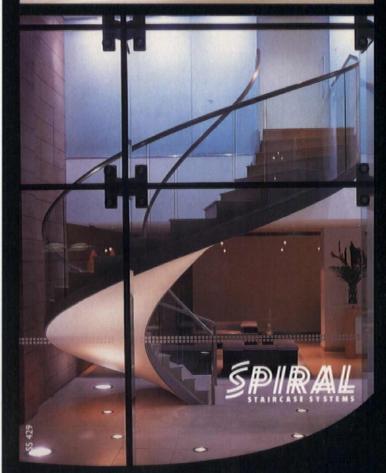
BRANCHES IN LONDON AND BIRMINGHAM

enquiry 1 on card www.ajplus.co.uk/ajdirect



#### DESIGNED FOR LIVING





Tel: 01273 858 341

Email: info@spiralstairs.co.uk www.spiralstairs.co.uk Lewes Design Contracts Ltd, The Mill, Glynde, East Sussex BN8 6SS

> enquiry 9 on card www.ajplus.co.uk/ajdirect

# technical & practice

# Getting a grip on alpha-values

Just when you thought you had got the hang of Part L, along comes a requirement for more calculations

BY AUSTIN WILLIAMS

Tucked away at the bottom of page 15 of Approved Document L2 is a reference to BRE Information Paper IP 17/01, 'Assessing the effects of thermal bridging at junctions and around openings'. The BRE's Robust Details are indicative models, which, if complied with, are deemed to reduce condensation and thermal bridging to an acceptable degree.

However, for all those standard construction details which are not included in the meagre selection in the *Robust Details* compendium (AJ 28.2.02), you will have to prepare alpha-value (α) calculations.

Even though you may never have heard of them, a recent straw poll suggests that hardly anyone else has either. But at some point, architects will doubtless be challenged to demonstrate compliance, and we understand that many Building Control officers, with little time on their hands to check through calculation sheets, are choosing to place great emphasis on the α-value for proof of Part L compliance.

If a design complies with the elemental method of calculation outlined in Approved Document L, for example, you may find that it no longer complies when tested against the criteria set by the  $\alpha$ -value calculation; meaning that the design or specification will have to be altered.

#### What's it all about, Alpha?

Thermal bridging used to be seen primarily as the occasion where a material penetrated a building element and came into physical contact with a surface of different temperature; usually steel lintels spanning across cavities, or non-thermally broken concrete floors extending through to the exterior, for example.

Now, thermal bridging is equated with a variety of non-physical contacts or differential coefficients by which the internal temperature of a building element might vary, giving

#### What Building Control looks for

Here we publish a checklist of information used by Building Control officers to appraise the compliance of basic steel-framed industrial buildings:

- Proof that the roof design meets the minimum U-value (0.25 W/m²K) and that this takes into consideration any variation in the purlin span. Provide calculations or independent certification ie BBA Agrèment.
- Proof that the wall design meets the minimum U-value (0.35 W/m²K) and that this also takes into consideration any variation in the rail span. Provide calculations or independent certification ie BBA Agrèment.
- ullet Proof that the metal rooflight design meets the minimum U-value (2.2 W/m³K) and that this takes into consideration any variation in the purlin span. Provide calculations or independent certification ie BBA Agrèment. (If the construction is only two skins of GRP expect a strong challenge to the  $\alpha$ -value)
- Proof that the firewall design meets the minimum U-value (0.35 W/m²K) and that this takes into consideration any variation in the rail span. Provide calculations or independent certification ie BBA Agrèment.
- Certification of compliant pressure test.
- Thermographic survey result or Competent Persons statement that the insulation is continuous.
- Confirmation that f-factors are in line with the humidity class designation.
- ullet Credible supporting calculations for Psi  $(\Psi)$  values for all details.
- Proof that the α-value has been considered.

'Many Building Control officers are choosing to place great emphasis on the  $\alpha$ -value for proof of Part L compliance'

rise to potential 'cold spots'. Repetitive mortar joints, for instance, reduce the overall thermal performance of the wall and could lead to localised condensation. Similarly, mineral wool laid between ceiling joists results in different insulation values at various points along the surface. These types of thermal bridges are now factored into the Uvalue calculation of the particular building element. However, where junctions in building elements occur - between a floor and an external wall, say (and where such junctions are not shown in Robust Details) - a new method of calculating the condensation risk is needed.

The α-value is the overall thermal performance of the entire building envelope, taking into account the positive effect of the U-value of all plane elements (roof, rooflights, walls, etc) and the negative 'heat draining' effect of junctions, details and interfaces, which act as direct heat conductors from the inside to the outside of the building.

Essentially, the BRE's *Robust Details* has been calculated against the correct  $\alpha$ -value calculations. So, for example, the recommendation that cavity insulation be extended 75mm past the level of the floor insulation has been calculated to take account of the linear thermal transmittance (Psi) and the critical surface condensation factor ( $f_{\text{CRs}}$ ). Both factors assess the effects of thermal bridging. The  $\alpha$ -value is a factor of the allowable transmission heat loss coefficient.

#### Calculating alpha-values?

Two  $\alpha$ -values must be calculated, one for a notional building and one for an actual building. The objective is to establish that the  $\alpha$ -value of the actual building is lower than the notional building.

The notional building comprises all of the plane elements which match the actual building, with two exceptions:

- it has 20 per cent of the actual rooflight area; and
- it has 15 per cent of the actual personnel doors/windows/curtain walling (for industrial buildings or 40 per cent for 'places of assembly').

Once all plane element U-values have been established, the total area U-value (sigma ( $\Sigma$ ) AU) must be calculated by multiplying the relevant areas for each plane element by their actual U-values.

The notional building  $\alpha$ -value is then established by adding 10 per cent to  $\Sigma$ AU (for non-domestic buildings; 16 per cent for dwellings). The actual building  $\alpha$ -value is established by calculating all linear 'thermal bridges' such as ridge details, party walls, gutter details, gables, jambs, lintels, etc, and then multiplying the length by the actual thermal transmittance (Psi  $[\Psi]$ ) values for each condition, to achieve a new value,  $\Sigma\Psi$ L.

The actual building  $\alpha$ -value can be calculated by means of the sum of  $\Sigma$ AU and  $\Sigma$  $\Psi$ L. This figure must be equal to or less than the notional building  $\alpha$ -value to prove compliance.

#### Information required

Usually, the specifier will have to obtain the  $\Psi$ -values for all details and junctions from the supplier, unless the contractor putting the design together is confident in its ability to calculate all of the appropriate details. Given the complexity of the calculation method, this is extremely unlikely. Specifiers would be best served by working closely with an experienced manufacturer who is prepared to assume responsibility for all aspects of the envelope calculation, rather than individual component areas.

To show compliance, drawings of all details must be available showing the relevant  $\Psi$ -values and f-factors. Where necessary, substantiation of these values should be sought. Once all these values are available, the  $\alpha$ -value can calculated.

However, Brian Watson of CA Roofing, who is currently preparing advice for local authorities on this issue, is fairly relaxed about the new calculations. In essence, he says, Building Control will be satisfied 'if you can show them that you have made the effort'.

Purpose-designed products are beginning to appear in the market offering low  $\Psi$ -value and high f-factors. Use of these minimises most of the risks and contributes significant-

'Architects and specifiers should focus on those elements that they believe will cause the biggest problem. rather than spending inordinate amounts of time checking every single detail'

Brian Watson, CA Roofing





#### Tips for industrial buildings

- Do not use gutters that have a continuous steel leg. Whether membrane coated or not, they provide a direct thermal path from the inside to the outside of the building. A target Psi (Ψ) value between 0.5 to 0.8 W/mK is realistic. Anything higher will jeopardise compliance.
- A Ψ-value of 0.00 (zero) W/mK can be achieved when the drip flashing is connected to the intermediate spacer bar. Aim, wherever possible, to connect potentially heat conducting details to the external skin of the envelope. Drip flashings are installed all round the building perimeter and a large metreage of a Ψ-value in the region of 0.6 W/mK makes compliance extremely complex. A zero Ψ-value allows the detail to be disregarded while performing the required calculation.
- Parapets now present a serious problem. The higher the parapet, the bigger the  $\Psi$ -value.
- ullet Maintaining the required thermal performance of the rooflights plays a significant role in achieving the lpha-value while at the same time minimising the potential risks of severe condensation within the rooflight cavity.

ly to final compliance. Watson says: 'As a rule of thumb, architects and specifiers should focus on those elements that they believe will cause the biggest problem, rather than spending inordinate amounts of time checking every single detail.

'At the moment,' he says, 'it is a case of using common sense.' Here's hoping that Building Control and Approved Inspectors concur.

Thanks go to Brian Watson of CA Group, who brought this subject to our attention and assisted with the article. Contact tel 01388 834242 or e-mail help@cagroup.ltd.uk

- Brian Watson will be speaking at AJ's Part L conference at the RIBA on 17 October 2002.
- Copies of a free CD-ROM and

drawings of junction details to help design  $\alpha$ -value-compliant industrial buildings are available from Chris Taylor at CA Roofing.

#### References

1.BS EN ISO 10211-1:1996, 'Building components and building elements – Thermal resistance and thermal transmittance – Part 1: General methods.

2. BS EN ISO 10211-2:2001, 'Building components and building elements – Thermal resistance and thermal transmittance – Part 2: Linear thermal methods.

Note: Part 2 is suitable for threedimensional details which can adequately be represented by the intersection of two or more twodimensional models.

# **Urban masterstroke**

Government proposals for housing development zones mean the role of the masterplanner is set for a renaissance

BY AUSTIN WILLIAMS

Writing in the *Observer* last month, Lord Rogers reviewed the Urban Task Force's three-year-old renaissance strategy.

He outlined the plight of cities 'haemorrhaging' their populations and of greenfield sites being 'consumed by new development'. He argued for the need for 'holistic' planning, social inclusion and a housing renewal. He spoke of the benefits of brownfield sites and the opportunities for the Thames Gateway area.

On cue, the Office of the Deputy Prime Minister identified 42 brownfield sites around the UK earmarked for new housing development. Alongside the Thames Gateway, the key areas identified in the south include Ashford in Kent, Milton Keynes and Stansted in Essex. Nationwide, the sites range from Telford to Middlesbrough, Stevenage to Nottingham and Hatfield to Corby. The role of the masterplanner, it seems, is assured.

While many may wish to jump on the bandwagon, LDA Urban Design is a specialist design unit based in London which has a wealth of experience in masterplanning proposals – which director John Phillips describes as 'pre-architecture'. Here we look at some of its masterplan schemes, currently in progress.

#### Much ado about nothing

Phillips argues that masterplanning needs, in the first instance, 'to help develop a brief in order that a proposed scheme be best situated in 'its wider historical context'. It is also important to be 'pragmatic', he says. Both of these beliefs were tested at the scheme in Portishead, Somerset, a town where 'nothing has ever happened', and hence its historical memory is difficult to tap into. Its official weblink instructs the casual visitor to 'click here to find out where Portishead is' and 'to explore (its) street map (and) bus timetables'.

The sites to the north and south of

'Masterplanning needs to help develop a brief in order that a proposed scheme be best situated in its wider historical context'

John Phillips, LDA Urban Design Portishead dock, owned by Crest Nicholson Homes and Powergen respectively, had submitted individual planning proposals to the local authority in the mid-1990s. Both represented, as LDA Urban Design director Nick Shute says, 'a typical suburban housing layout with no mutual coherence and no respect for their waterfront setting. Their primary intent was to get planning permission and move on.'

North Somerset Council rejected the proposals and LDA was appointed under the auspices of Crest Nicholson, which had subsequently bought the Powergen site, to reappraise the overall masterplan. The revised scheme, which will increase the population of the town from 18,000 to 27,000, has been passed, and is incorporated in the local authority's supplementary planning guidance.

The masterplan is a commercial enterprise – the guiding principle is for properties that are saleable – but even so, Shute says that proposing waterfront apartments in sleepy, elderly Portishead was a big risk for the developer.

The original block plan was developed into a detailed design scheme in consultation with a range of consultants, the client and the local authority, and was market tested at every key stage. The team built a computerised terrain model to deal with the changes in level, fitting 10,000 housing units onto the 20ha overall brownfield site, and dealing with the difficult remediated land conditions left by a disused power station, HV cables, and deep concrete foundations.

After approval of the masterplan, individual architects have been appointed to develop packages of the site. LDA has been retained in an overseeing, liaison role, but is pleased that, with Phase I nearing completion, the actual scheme is faithful to the initial concepts. Crest Nicholson now describes the western residential area, known as the Upper Regency Gate, as 'a melange of three- and fourbedroom Regency-style terraced villas, lodges, town houses and apartments, all enjoying a gently sloping landscape'.



Above: masterplanning of northern site in Portishead. Below left: Regency-style town houses. Right: southern waterfront



**Dockland regeneration**Phase II, another bleak brownfield

Phase II, another bleak brownfield site in Portishead, was home to an old phosphorus works; the remnants of which had to be carted off to a wetstorage burial site during a year of



enabling works. Here, unlike the granite-lined northern bank, the dock edge was in a poor state of repair and has been excavated to provide a larger surface water area to take the docking pontoons. Although the 400-berth marina has been completed, the construction of the mixed-use buildings (apartments, employment and leisure facilities) is just starting and the whole scheme is scheduled for completion in five years' time.

While Phillips has a call-off contract to revisit and advise, he recognises that LDA's role will decrease as the scheme takes on its own momentum. However, it is keen to become involved in the landscape implementation works in future ('it's LDA's bag,' says Shute), which will ensure that it remains hands-on during the course of the construction works.

While the dockland regeneration is proceeding apace, two linking projects are also key to the overall success of the vision for the town. Portishead District Centre will be built on derelict land and include specialist retail, eateries, and commercial blocks with residential units above. The scheme is specifically designed to tie Phase I and II in with the existing townscape and includes new paved routes, traffic engineering and the relocation of the existing library to become a new focal point.

The final piece in the jigsaw is the Ashlands development - so named because it was the home to a dump of pulverised fuel ash - adjoining the Gordano Valley ecological site and the Bristol Channel salt marsh SSSI. The masterplan - now the local authority framework plan - will accommodate more than 1,500 dwellings at various densities designed as a Homezone. The biggest challenge for this site, according to Shute, was that it was a blank sheet, but he believes that he has succeeded in creating 'character areas' which will be organised around a large central parkland.

#### **Destination Southampton**

The Royal Pier site in Southampton is a typically desolate, working dockland. A 32.5ha site accommodates the Isle of Wight ferry and hydrofoil terminals, massive car parking facilities, mar-



Marching in:
the development
of the Royal Pier
site aims to put
Southampton on
the map by
opening up the
waterfront and
allowing
pedestrian access
along the
waterline for the
first time



shalling yard and loading bays, a city park; and the site is dislocated from the city by a major road. The actual pier, which is a listed structure, has been significantly damaged by fire.

The park, Mayflower Park, has to be retained and the working port is an essential feature of the economic life of the city, which, too, has to be incorporated into the masterplan. Both of these effectively reduce the financial returns available to a speculative developer, offered by such a prime site. But for Southampton City Council, the main enabling force on the client team, (comprising Southampton City Council, Associated British Ports and the Crown Estate), the objective was to get Southampton on the map - as a destination rather than as a staging post to somewhere else and to maximise the city centre.

The open brief, according to Shute, was to 'use good design to promote inward investment'. Working with chartered surveyors and quantity surveyors, LDA had to ensure that its proposals stacked up; 'what is it going to cost to build and what'll it be worth', and so included considerations ranging from 'do

nothing' to razing the area.

The proposals are currently going through the local plan, and include moving both ferry terminals – essential if anything is to be made of the site. Working in concert with the highways department, designated pedestrian crossing points across the inner ring road and improved traffic engineering will assist the connection with the centre.

The scheme opens up the waterfront – for the first time allowing pedestrian access along the waterline – and includes mixed-use residential, hotel/conferencing, leisure, retail and office facilities. Approximately 25 per cent of housing will be designated as affordable housing, pepper-potted across the six- to seven-storey scheme, although the best views will tend to be reserved for the private residents.

Some have had concerns about the detrimental impacts of targeted regeneration for those areas left out. Such flux has been apparent in Southampton's Northern Above Bar area, where major retailers such as John Lewis and C&A have relocated to more affluent areas, leaving their existing premises, and the area, run down. The council is therefore in the process of repairing the failures of previous regeneration by trying to engender an 'arts-led regeneration' in this central area.

Repairing the damage caused by previous urban regenerations should be a cause for reflection. Whether this case is a site-specific/historic problem, or whether it is inherent in the targeted nature of regeneration (leaving areas outside the redline to degenerate), needs broader consideration.

As far as LDA is concerned, it will always try to extend the scope of its works, to ensure that the scheme is contextualised as much as possible. Unfortunately, at this stage, sufficient money is not available to fund the proposals, which include an Art Quarter (gallery, theatre and workspaces), built in and around the aforementioned abandoned properties.

It seems that, while grand holistic proposals may be the political order of the day, good old-fashioned constraints such as lack of investment will be the determining feature of even the most considered urban masterplan for some time to come.

# Planning for tomorrow

The new strategic document for London's future might become a model for other UK towns and cities

BY BRIAN WATERS

London mayor Ken Livingstone's consultation draft of the long-awaited Spatial Development Strategy the London Plan - is intended to be the first of a new breed of document, a model for other conurbations. It is shaped by the GLA Act of 1999, which gave the Greater London Authority three principal purposes: to promote the economic, social and environmental improvement of Greater London.

The document acknowledges London's huge problems - a growing population, decades of under-investment and acute housing shortages. But it sees spectacular opportunities - a buoyant, globally traded service sector, heritage, tourism, with distinctive diversity and character. It recognises the need for long-term investment, which will result in higher density, mixed-use development served by good public transport.

Whether it can achieve it - an urban renaissance built around public transport - only time will tell.

Although the plan does not see tall buildings as necessary for achieving high density, it does say that their visibility means they are likely to have a bigger impact than other building types, and therefore need to be of exemplary design. More broadly, it is the first plan to adopt the agenda of the Urban Task Force and the Urban White Paper. It also adopts the RICS-promoted notion of Transport Development Areas (AJ 27.6.02).

The underlying message is clear: the influx of population (which it politically correctly describes as 'inmigrants') is to be encouraged. Newly published figures from the Government Actuary show net inward migration, which is concentrated in London and the South East, at 158,000 last year, and it projects annual growth of a similar order up until 2025. Successfully accommodating this trend will maintain London's competitive position as a

'The underlying message is clear: the influx of population (which it politically correctly describes as "in-migrants") is to be encouraged'

'world city' and the economic benefits will accrue to all Londoners, as well as the national economy.

Initial reactions range from the London Housing Federation's welcoming of the plan's affordable housing policy to the Association of London Government criticising it for neglecting the suburbs. The RIBA queries the compatibility of the plan with the government's Green Paper reforms of the planning system. Others, including London First, raise doubts about the ability to deliver what is promised.

The 15-year vision outlined in the plan underlines the fact that its achievement will not be in the gift of one mayor. Indeed, it has to be remembered that the idea of a mayor is to promote and lobby for the interests of all citizens and he/she does not have the powers needed for the implementation of his/her vision.

The fact that the plan is intended to supplant the 'Parts One' of the boroughs' development plans could be an area for conflict. While the City of London will welcome the expansionist thrust, the City of Westminster is racing to get its reviewed UDP adopted ahead of the plan, since it seeks to resist features such as the intensification of the central area (including the 24-hour society) and the encouragement of tall buildings.

Note: I was taken to task for my discussion of 'densification' policies (AJ 27.6.02) by Robert Williams (AJ 11.7.02), and some planners feel that Urban Task Force and similar emerging policies are misguided since they emanate from 'non-planners'. It is certain that they cannot be implemented successfully by one mayor or by planners alone, but need the skills and commitment of good architects and their enlightened public and private clients. So, I guess, it is over to us then.

Brian Waters is principal of the Boisot Waters Cohen Partnership

#### The London Plan: Key aspects

On planning, urban design and

- regeneration:

  more intense use of available land, to promote mixed-use development;
  intensified development in central
- and opportunity areas;

   major development to the east,
  enhancement and diversification of
- improved access, services and
- strategies to ensure that areas of
- the integration of spatial policies

#### On architecture and design:

- mixed-use development to
- high standards of urban design to
- achieve the best use of space;

   increasing the supply of housing by encouraging higher density development where there is good access to public transport, using new building technologies to promote sustainable construction, energy efficiency and less waste.

   integrating the development with transport to limit parking and designing for pedestrians when the
- designing for pedestrians rather than traffic:and
- sensitive infill development and

#### On open spaces:

- a robust approach to their
- equal access to open space
- fiercely protective of the Green Belt



# CMA 2002 Construction Marketing Awards

London Zoo 4 December 2002

# Don't just Sit there...

...thinking how hard you slave away to achieve the perfect marketing campaign, or how your strategies don't get any credit for increasing the bottom line – enter the Construction Marketing Awards 2002

If you are a Marketing or Business Development professional within the construction supply chain, **enter now to gain recognition** for the part your marketing and business development plans play in boosting the profile and profits of your company. This is your chance to shout about your achievements.

This event also hosts an associated conference which aims to take dynamic marketing & business development lessons learnt outside the industry and demonstrate how you can apply them back to your business.

Whether your company is a house builder, architect, main contractor, sub-contractor, specialist contractor, product manufacturer/supplier, materials manufacturer/supplier, civil engineer or consultant within the construction supply chain, you are eligible to enter.

The winners will be announced at a Gala Dinner at London Zoo on 4 December 2002.

Campaign of the Year
Best use of Direct Mail
Best use of Advertising
Best use of PR
Best use of Events
Best Exhibitor Marketing Campaign
at Interbuild
Best use of Technology
Best Small Budget Campaign (under £25k)
Best e-Marketing Strategy
Best Technical Literature
Team of the Year

# Enter now to get the recognition you deserve!

For entry form and further information, call Clare Fitzelle on 020 7505 6850, email clare.fitzelle@construct.emap.com, or download an entry form from www.cnplus.co.uk/cma2002.

Closing date for entries 4 October 2002









Sponsored by

**Brand of the Year** 







# legal matters

# ⊕ .column

# What's an architect's duty when it comes to inspections on site?

'The case law needs

to be treated with

some caution as it

"supervision" rather

deals largely with

than "inspection"

During 1998, the Sheikh of Abu Dhabi's summer house in Sunninghill was fitted out. Hutch, the company that was in effect the alter ego of the Sheikh, employed Consarc as architect for the project. The works included the laying of a limestone floor. The parties agreed that the new floor was defective. Hutch said there was a problem with the slab, and that Consarc should have spotted it. This was one of many issues dealt with by HHJ Bowsher QC in Consarc v Hutch (April 2002), and his judgment revisits the topic of an architect's duty in relation to visiting a site to look at the works.

Consarc had contracted on the RIBA standard form of appointment SFA 92, which includes the obligation to visit the works and inspect progress and quality at intervals appropriate to the stage of construction. The RIBA's standard

terms have changed over the years in an attempt to lessen the 'looking at works' duty. Older forms include a duty to supervise. The 1999 form requires the architect to visit the works, while inventing a 'site inspector' as someone else to be employed by the client.

In reaching his conclusions, the judge referred to the standard legal work Jackson and Powell on Pro-

fessional Negligence (5th edition) which discusses what the 'looking at works' duty might be. The judgment adopts the relevant paragraphs, and anyone with a particular interest in this point would be well advised to turn to that text.

Two general principles are clear. First, an architect undertakes to exercise skill and care, rather than guaranteeing a particular result. If at the end of the day works do not achieve the required standard, that does not of itself prove that inspection was insufficient. Second, the usual professional negligence test, the *Bolam* test, applies: if a responsible body of architects would have acted similarly, there is no negligence.

The judge criticised SFA 92, saying that the relevant clause was 'a vague statement of duty and it is difficult to know what is required.' In the absence of clear contractual guidance, architects must decide for themselves what to do to discharge this duty. Case law shows that a

number of factors may be relevant.

In many instances the duty to look at the works will be combined with a certification function. While certification is itself usually subject to a defence of having used skill and care, it seems that the works should be looked at sufficiently to enable the facts certified to be observed.

Where operations on site will cover up things that should be inspected, or there are elements of work that need to be done particularly carefully, that informs when and in what detail the works should be looked at. The cases suggest that an architect should instruct a contractor to give notice of when certain works are going to be carried out so as to facilitate inspection. But be warned that in an Australian case, Florida Hotels v Mayo, it was said that the architect could not necessarily rely on the contractor giving

notice.

Other factors can come into play. In Sutcliffe v Edmonsons, the employer terminated the builder's contract. The judge agreed that the contractor had displayed a lack of competence to complete the works. When the employer sued the architect for negligent certification, the judge decided that where the performance of the con-

tractor gives cause for concern, the standard of supervision required of the architect should be higher.

The case law needs to be treated with some caution as it deals largely with 'supervision', rather than 'inspection'. It will be of some comfort to the drafters of the RIBA standard forms that in Consarc the judge found that inspection was a lesser responsibility that supervision. However, in deciding that Consarc had not been negligent he simply applied the Bolam test and decided that other architects who were competent would not have looked at the slab before the limestone was laid. It seems that whatever label is given to the duty, whether it was discharged will be judged in the light of what was happening on site, and so long as a responsible body of architects would have done the same thing, the skill and care defence should work.

Sue Lindsey

# Beware of Big Brother and the super snoopers

With the present British government greasing up support for the creepy EC Copyright Directive, a version of the US Big Brother internet snooping law (the Digital Millennium Copyright Act), you might be forgiven for dismissing the issue of commercial spyware.

Scumware, it is commonly called. What it does is install itself, virus-like, on your computer when you download programs – often a bit dodgy – you like the look of on the Web. KAZaa, successor to the popular Napster application of blessed memory for music fans, is one such program. Once installed, the scumware element starts reporting back your internet habits to the media company which has paid to have the spyware secretly downloaded.

You do have the option to de-install it but it is not obvious that it is there unless someone tells you about it.

KaZaa has been downloaded more than seven million times so somebody now has an interesting database. TopText, Gator and Surf+ are significant other downloads which install scumware.

Getting rid of scumware ain't very easy. Check out the whole story at

#### www.scumware.com.

Scumware is perfectly legal and that will not change because the big boys like the idea. Think of Microsoft's mooted Palladium security system (an even more sinisterly snoopy version of Windows XP) and the likelihood that US media giants will soon persuade Congress that they should control the web sites you visit. Both these are promoted in the name of protecting copyright. The aforementioned Deeply Malevolent Copyright Act is promoted in the name of fighting crime (and social control) - and is about to be copied by the Chinese and North Koreans. Read about it at www.eurorights.org and www.theregister.co.uk.

The only thing you can hang on to is the fact that practically every IT project Whitehall has tried to implement has been an incredibly expensive disaster.

sutherland.lyall@btinternet.com

# diary

#### London

Max Jourdan: Westway Until 7 September. Photographs of the Westway at Broadbent, 25 Chepstow Corner, W2. Details 020 7229 8811.

**Designing out Terrorism for Construction Professionals** Tuesday 10 September. A one-day course at the RIBA, 66 Portland Place, W1. Details 020 7307 3697

50/50: Crowning Achievements: Future Prospects Until 12 September, An exhibition at the Building Centre, 26 Store St, WC1 (020 7692 6209). Art in the Garden Until 15 September. Sculpture and installations at Chelsea Physic Garden, 66 Royal Hospital Rd, SW3 (020 7352 5646). How to Manage Building Design Online

Thursday 19 September. An Emap Construct conference in London. (natalie.rubinstein@emap.com)

Cerda: The Barcelona Extension Until 21 September. An exhibition at the RIBA, 66 Portland Place, W1. Details 0906 302 0400.

**England's Lost Houses Until 21** September. An exhibition drawn from the archives of Country Life at Sir John Soane Museum, Lincoln's Inn Fields, WC2 (020 7405 2107). Winning Designs Until 26 September. Projects won through RIBA competitions - an exhibition at the RIBA. Details 0906 302 0400. Gio Ponti Until 6 October. An exhibition at the Design Museum, Shad Thames, SE1 (020)

#### Eastern

7940 8790).

Ben Nicholson: Drawings and Painted Reliefs Until 22 September. An exhibition at Kettle's Yard, Castle St, Cambridge. Details 01223 352124. Glass: A Material for the 21st Century Wednesday 25 September, A seminar at the BRE, Garston, Watford. Details Angela Mondiar 01923 664775.

#### East Midlands

Rosalind Stoddart 1,8,15 September (14.00-18.00) and by appointment. Sculptures in perspex and metal at the Old Water Tower, Fermyn Woods, Brigstock, Kettering (01536 373469). **RIBA CPD Event: The Party Wall Act** 1996 Wednesday 25 September, 16.00. A seminar at Nottingham Forest FC. Details 0121 233 2321.

#### Northern Partnering in the Supply Chain

Tuesday 17 September. A Construction Productivity Network seminar at Durham. Details 020 7222 8891.



#### UNDERSTANDING ERNÖ

A conference at the Architectural Association on Saturday 28 September marks the centenary of Ernö Goldfinger's birth. It was the AA that hosted a notable exhibition on Goldfinger in 1983, which James Dunnett curated, and the accompanying monograph, which Dunnett wrote with Gavin Stamp, has not been superceded (£14 from AA Publications). No surprise, then, to find that Dunnett will be speaking at the conference, along with Adrian Forty, Alan Powers, Helen Langley et al; and the day will end with a visit to 2 Willow Road, Goldfinger's Hampstead home, now in the care of the National Trust. Details 01223 366977 (docomomo\_uk@yahoo.com)

#### North West

Fabrications: New Art & Urban Memory in Manchester 11 September-2 November. An exhibition that reflects the changing face of Manchester. At CUBE, 113 Portland St, Manchester (0161 237 5525).

#### South Eastern **RIBA CPD Event: Standardisation and**

Preassembly Thursday 12 September, 16.00. A seminar at Le Meridien Hotel, Gatwick. Details 01892 515878.

#### **RIBA CPD Event: CDM Update**

Thursday 19 September, 16.00. A seminar at the Holiday Inn, Maidstone. Details 01892 515878. Chris Drury Until 22 September. An exhibition of works made from natural materials at the De La Warr Pavilion, Bexhill-on-Sea. Details 01424 787900.

**Timber Framing From Scratch 23-29** September. A hands-on course at the Weald & Downland Museum, Singleton, Chichester. Details Diana Rowsell 01243 811464.

Langlands & Bell at Petworth Until 29 September. An exhibition of architecturally based work in Turner's studio at Petworth House, Petworth, West Sussex. Details 01798 342207.

#### Southern

Talking Shape Wednesday 18 September. A conference with Kathryn Findlay, Craig Downie et al at the Theatre Royal, Winchester. Details 01962 877598.

**Douglas Allsop: Seven Sequential** Spaces Until 6 October. A series of installations at Southampton City Art Gallery, Civic Centre, Southampton (0123 8083 2769).

#### Wessex

Richard Long Until 22 September. An exhibition at the New Art Centre Sculpture Park, Roche Court, East Winterslow, Salisbury. Details 01980

**Poundbury Study Visit Monday 23** September. A visit organised by the Prince's Foundation, Details 020 7613 8535.

City Living 24/7 26-27 September. The National Conference of the Association of Women in Property will take place in Bristol. Details Louise Clements 01208 851188.

#### West Midlands **RIBA CPD Event: Sandwell**

Regeneration Thursday 19 September, 13.00. At the Hawthorns, West Bromwich (with the RTPI). Details 0121 233 2321.

Information for inclusion should be sent to Andrew Mead at The Architects' Journal at

#### Yorkshire

**RIBA CPD Event: Access Consultancy** Training for Architects 10 & 11 September. Details Cathy Poole 0113 245 6250.

#### Scotland

The Alchemy of Light Until 7 September. An exhibition at the Hunterian Art Gallery, 82 Hillhead St, Glasgow. Details 0141 330 5431. **Visions in Light: The Architecture of** Basil Spence Until 13 September. At the RIAS Gallery, 15 Rutland Sq. Edinburgh. Details 0131 229 7545. Hiroshi Sugimoto: The Architecture of Time Until 21 September. An exhibition at the Fruitmarket Gallery, 45 Market St, Edinburgh. Details 0131 225 2383. Eric Parry Architects: An Eye for the

Whole Until 18 October. An exhibition at the Matthew Gallery, 20 Chambers St, Edinburgh. Details 0131 650 8017.

#### Wales

Heritage, Health & Environment: **Sustainable Conservation Solutions** 

Friday 13 September. A conference at the Welsh School of Architecture, Cardiff University. Details 01582 690187

**RSAW CPD Event: CDM Regulations** 

Monday 16 September, 16.00. At Llanerchaeron, Ciliau Aeron, Nr. Aberaeron. Details 029 2087 4753.

**RSAW CPD Event: Keeping Out Of** Trouble Monday 23 September, 16.00. At Sketty Hall, Swansea. Details 029 2087 4753.

#### Northern Ireland

Look Up Belfast: A New Perspective on the City 1-3 October. Belfast's first international built heritage conference. Details 028 9048 7395 or www.lookupbelfast.com

#### International

Arne Jacobsen 30 August-12 January 2003 A major retrospective at the Louisiana Museuem, Humlebaek, nr Copenhagen (www.louisiana.dk). UN Studio: Ben van Berkel/Caroline Bos 1987-2002 Until 15 September.

An exhibition at the NAI, Rotterdam. Details 003110 4401200. Image, Use and Heritage: The

**Reception of Architecture of the** Modern Movement 16-19 September. A Docomomo conference in Paris (contact.adcep@wanadoo.fr). Study Tour to Rome: Historical Urban Design 18-21 October. An Urban Design Group tour. Cost £380.

Details udsl@udg.org.uk the architects' journal 45

## review

Hiroshi Sugimoto has transformed some of the most iconic buildings of the last century. He takes glass, concrete and steel and reduces them to light and shadow. Monochrome, they quiver uncertainly, just out of focus, in his *Architectures* series.

Mies van der Rohe's Seagram Building sloughs off its carapace of Modernist certainty, becoming something vague, equivocal and provisional. Even the frontality of its position in Sugimoto's composition cannot prevent it looking like just another shadow among shadows, like an out-take from the backdrop of *Metropolis*.

The great buildings of our time are little more than fodder for Sugimoto's imagination. He is not interested in the prosaic accuracy demanded by documentation, but in the ways in which photography can transcend and undermine its subject. His elliptical view of Frank Lloyd Wright's Guggenheim Museum turns it into four curves overlain by another building's shadow, its own formal qualities appropriated for Sugimoto's ends.

And in his case, the ends do justify the means. Despite their deliberate blurring, his architecture photographs are absolutely resolved and persuasive reinterpretations of an established aesthetic which seem to suggest that nothing man-made can ever be truly immortal. For Sugimoto, Herzog & de Meuron's signal box could be a tomb; it is difficult to look at these images without thinking about September 11 and how it reestablished uncertainty as a continuous hiss in the background of many lives.

Sugimoto's wooden cabinet camera, used

# **Brought to light**

**NEIL CAMERON** 

#### Hiroshi Sugimoto: The Architecture of Time

At the Fruitmarket Gallery, 45 Market Street, Edinburgh, until 21 September

#### Sir Basil Spence: Visions in Light

At the RIAS Gallery, 15 Rutland Square, Edinburgh, until 13 September

#### Eric Parry Architects: An Eye for the Whole

At the Matthew Architecture Gallery, 20 Chambers Street, Edinburgh, until 18 October

for exposures up to two hours in duration, is not just a mechanism for achieving painterly effects. With his series of interior views of 1920s and 1930s cinemas, the effects are as precise as a Donald Judd sculpture — and with a similar sense of the reductive beauties of minimalism.

In these images, shot while a film is being shown, the screen turns an inviolate white. Time has passed, but what is left is its imprint, its trace made permanent. Sugimoto takes the mechanistic process of photography and uses it as a tool for peeling back surfaces, even of some of the most confident and emblematic monuments of Modernism.

Light is Sugimoto's ultimate medium, and it was also the defining element in the architecture of Sir Basil Spence, the subject of a small but valuable exhibition at the RIAS. As a student at Edinburgh College of Art, Spence seriously considered pursuing a career as an artist. In the superb series of architectural drawings which form the backbone to this display, his ability to understand

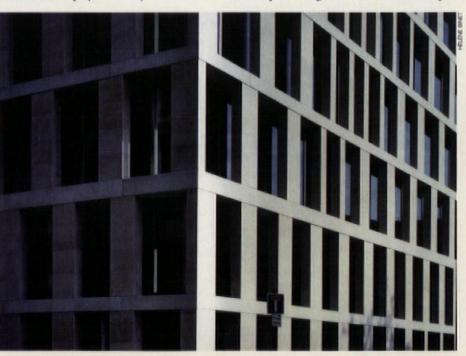
the sculptural potential of architectural form is exceptional.

He consciously used light as a means of modelling space, but also channelled and directed it almost as a kind of iconography. It could be the brash light of unashamed commercialism, as in his 1933 design for Causewayside Garage in Edinburgh, or the redemptive light of spiritual hope, as at Coventry Cathedral, begun in the early 1950s. It could even be an interrogative light, prising every detail out of the facade of the Maltese church Spence drew in 1974.

What Spence's drawings also affirm – from his precise student drawings, through his dramatic renditions of the 1930s, to his more gestural sketches of the 1960s – is his place as one of the great architectural artists of his time in Britain. He was unquestionably the right man to design that great emblem of post-war rebuilding, Coventry Cathedral; he understood artists and how to get the best from collaborating with them. At Coventry, he helped bring the likes of John Piper,



Above: Hiroshi Sugimoto's photograph of the Seagram Building. Right: EPA's Royex House. Far right: Basil Spence's Causewayside Garage



Graham Sutherland and Jacob Epstein on board. Appropriately enough, Epstein's impressive bust of Spence has been borrowed from the RIBA for the Edinburgh display.

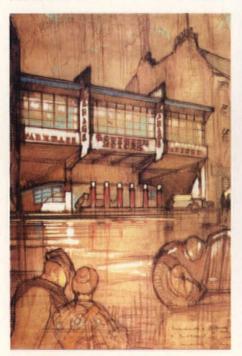
Eric Parry is another architect who has worked extensively with artists. His low-budget studio spaces for Antony Gormley and Tom Phillips in Peckham, created out of redundant buildings, show a complex understanding of their particular technical needs. It is this sensitivity to use, rather than the easy branding offered by a showy house style, that marks out Eric Parry Architects' approach.

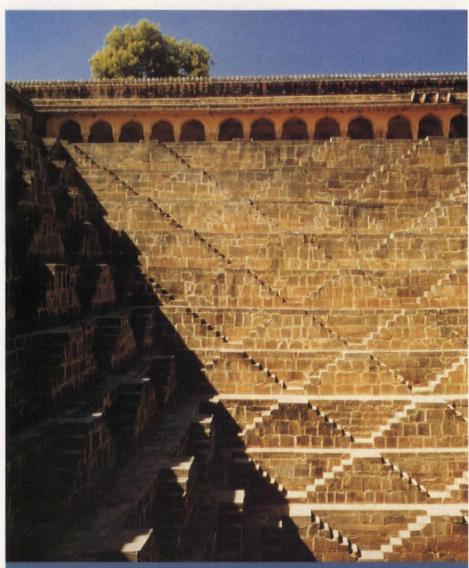
Its designs for a new court at Pembroke College, Cambridge - a highly demanding physical and historical context in which to work - use an intermeshed grid-based frontage to achieve an effective balance between functionality and aesthetic co-operation with the surrounding buildings.

Sometimes EPA is maybe too reticent, as with its London office building, Royex House. Here you could be forgiven for being underwhelmed by what appears to be a generic block in a 1960s style, until you notice the enlivening effects of subtle alterations to the window rhythm, something akin to the geometric playfulness employed in the sculpture of that seminal op-art figure, Victor Vasarely. But this is rather rarefied stuff, and such subtlety can be all too easily submerged.

The Edinburgh exhibition coincides with the publication of a monograph on EPA (AJ 23.5.02). Time for it to let off some real fireworks now?

Neil Cameron writes on art and architecture





Steps to Water: The Ancient Stepwells of India

It is thought that 3,000 stepwells and stepped ponds were built between the seventh and mid-19th centuries in western India (the semi-arid regions of Gujarat and Rajasthan), some as many as nine storeys deep, writes Andrew Mead. Though a few of the grandest examples have appeared in general architectural histories of India (eg Christopher Tadgell's), Morna Livingston is right to suggest that compared to water systems of other cultures – such as Western and Middle Eastern cisterns, aqueducts, and fountains – the stepwells have received scant attention.

photographer, researcher and cultural historian, it does so admirably, and profits from the readiness of Princeton Architectural Press to find an appropriate format for its various publications, not try to fit everything to a standard template.

Livingston's numerous photographs are well-reproduced, while her text explores not just the their preservation; moreover with an architect's eye for detail and appreciation of the spatial sequences that they create - the successive staircases, landings and pavilions descending from the

bright sun above to still, dark, subterranean pools.

Many of the images are inhabited, implying that these structures retain a role today (piped water notwithstanding). In others, empty, they become pure pattern. The Chand Baori at Abhaneri in Rajasthan (pictured), dating from the eighth to the 18th century and with sharp, right-angled blocks for stairs, is the largest stepped pond ever built.



# **Put in place**

**PAUL TEBBS** 

Location: UK

At Gimpel Fils, 30 Davies Street, London W1 until 7 September

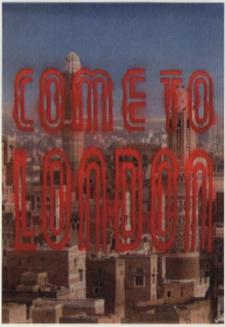
Given it is the silly season, and that this is an exhibition in a commercial gallery, 'Location: UK' is a surprising, if ultimately flawed, polemic on the relation between place, identity and art in the UK.

Two years ago, the German artist Hans Haacke made a controversial intervention at the Reichstag by creating his own dedication, Der Bevölkerung (To the population), as an alternative to the inscription Dem Deutschen Volke (To the German people), which normally graces the building's front portal. Haacke's intention was to reorientate the notion of the true 'German subject', away from its basis in shared bloodlines, to more inclusive criteria (those inhabiting the same land mass). This show at Gimpel Fils follows a similar strategy; the terms 'location' and 'UK' purposely avoiding both nationalistic and ethnic connotations.

So it is disappointing that only a few of the 20 exhibited artists were born outside of the UK. A more interesting and politically pertinent critique would have incorporated less familiar and more tangential relations to these isles. The inclusion of old works by Martin Parr (chief prejudicial documenter of class mores in England), Sarah Lucas (represented by a saddening, but hardly unexpected, collage of tabloid tat), and Richard Billingham (with an image from his endlessly regurgitated documentation of a troubled family life) recall the familiar ways in which socio-political identity was dealt with in the 'Brit-art' of the 1990s. This reflects something of the tension of mounting curatorially adventurous shows in solely commercial environments.

Bank (aka art provocateurs Milly Thompson and Simon Bedwell) opens the show with a poster which has a mosque with the words 'Come to London' stencilled on it. The provocation of the piece is the suggestion that London is a 'home-from-home' for Muslims; but it can also be read as a reflection on the generosity, or otherwise, of UK immigration policy. It is a powerful foil to the unholy alliance of New Labour, art, and tourist board that produced the Cool Britannia brand. Bank's piece finds a neat companion work later in the exhibition by Shez Dawood, whose photograph Super Billboard Scene shows the East London Mosque partly obscured by an advert in which an Indian actor plays Hamlet.

A large photograph by Mark Wallinger,



Left: a still from Syed's Fatima's Letter. Above: Bank's poster – 'a reflection on the generosity, or otherwise, of UK immigration policy'

The Word in the Desert III, shows a blind man seated on the pavement begging outside the locked gates of a Christian school. The message on the piece of cardboard lying at his feet reads, 'Teach us to sit still'. The spiritual and intellectual inertia and purposelessness this suggests about the 'native' Christian culture, finds an obvious resonance with the self-doubt and emptiness that defined the Millennium Dome experience. Peter Kennard has produced a dark parody of that event with a politically engaged 'photopoem' entitled Domesday Book, from which a digital print is displayed.

An aspect of this exhibition's conservatism is revealed in the press release, which claims that 'it is the immediate landscapes and environs which surround us that define who and what we are'. Increasingly, this is surely not the case. Whether because of economic, political, or environmental displacement, or digital technology, or recreational travel, immediate environments are increasingly mediated and eclipsed by distant and virtual ones, which are more relevant or more desired.

Hannah Starkey's photograph of the tyre marks left on a section of runway registers something of this reality. But it is most evident in one of the more affecting pieces in the show, a film entitled *Fatima's Letter* by Alia Syed, which – fractured but sometimes lyrical – evokes a subjectivity neither quite of the West or the East.

Paul Tebbs is a writer and critic



IPSWICH

Up to £28,332\* Ref. SF68/B621/AJ

Our Design Team is looking for a committed, creative Project Architect to join their successful multidisciplinary team.

Your responsibilities will include:

- · designing new public buildings, extensions and refurbishments
- · liasing with clients and the planning authority
- submitting tender documents, tender select lists and carrying out tender appraisals
- · site visits and attending and chairing site meetings. Experience of the Partnering Approach to the procurement of building contracts would be advantageous.

Reporting to the Design Team Leader you will need to be a Registered Architect with a minimum of 2 years post qualification experience in an Architects or multidisciplinary office and will need an understanding of environmental issues, health and safety and construction methods.

For an informal discussion on the above post please contact Roger Robertson (01473) 584351 or Annett Thompson on (01473) 584428 For an application pack please contact Suffolk Employment Agency, 11 Langton Place, Bury St Edmunds IP33 1NE. Tel: 0845 601 4412. E-mail sea@pers.suffolkcc.gov.uk

Closing date: 20 September, 2002.

Interviews: 1 October, 2002.

- Ask about job share.
   Pay award pending.
- Suffolk County Council is an equal opportunities employer and welcomes applications from all sections of our community.
- Suffolk County Council's vacancies appear on these websites www.suffolkcc.gov.uk or www.jobsgopublic.com







#### Senior Architects

Denton Corker Marshall is looking for experienced staff to work in their London Office on new projects in the Uk

a number of highly motivated and ambitious

You will play an important part in the design development design, administration and communication skills

Vectorworks

Please send application letter with CV to:

Denton Corker Marshall Ltd 3 – 11 Pine Street London EC1R 0JH

#### TECHNOLOGIST / ARCHITECTURAL ASSISTANT

We need new members to join our established team in delivering an exciting and expanding programme of urban housing

The successful applicant will have the opportunity to fully contribute to the collaborative and creative design ethos of the office. The responsibilities of this position will include

the production of complete working drawings and specifications on varied projects up to £15m in value and the ideal person will have a thorough understanding of construction technology balanced with an ability to think three dimensionally, be able to demonstrate excellent detailing skills, be fluent in AutoCAD and be able to work on their own initiative.

> Apply in writing with CV to: C.P. Warburton, Tweed Nuttall Warburton Chapel House, City Road, Chester CH1 3AE



Over 200 of the best jobs with the best Practices in the UK @ www.siv.co.uk

LONDON:

0207 649 9757/8

to £38k Ref: 9746/DM wc

Senior Architect Large, design led Practice with major PFI schemes. Good career opportunities for designers

looking for fun + energy. to £32k Project Architect Ref: 9731/DM

eading corporate Architects, LARGE HQ project in the city. Offering excellent career structure for team players.

**Project Architects** SW11 to £25/hr Ref: 9744/SC

Leading international multi-disciplinary Practice with interesting Masterplanning work.

OME COUNTIES:

Pt II x3

0207 649 9757 Ref: 9709/JD Abinadon to £32k oung expanding Practice with quality projects and a good career structure for the technically

biased. MIDLANDS: 0121 607 8773

Architect Halesowen to £35k Ref: 9665/PB Established and respected Practice with a good regeneration/mixed use projects.

£25k+ Ref: 9621/BJ Great opportunity for an education specialist with this quality and energetic practice where you can set your own working hours.

Derbyshire to £23/hr Ref: 9747/PN Architect oths with private developer working on niche housing schemes. Minimum 6 months on NORTH WEST:

0161 930 8773 to £25k Ref: 9641/BG Architect Manchester

ward winning national Practice. Good early career opportunity if you want a quality reputation and energy

0117 922 5777 Bristol to £30k Ref:9743/RG Architect mercial yet design led, lively and friendly Practice. Prestigious local and national p hitects and Pt II S.Wales to £29k Re: 962 Re: 9623/RG Architects and Pt II Successful commerical Practice with a broad portfolio of quality projects. Fast career

siv.co.uk

LONDON (0207) 649 9755 or (0207) 649 9757

(0117) 922 5777 (0121) 607 8773 (0161) 930 8773

## recruitment

#### people & practices

**Bryant Priest Newman** has appointed Dean Shaw as an associate of the practice.

**Child Graddon Lewis** Architects and Designers has appointed Renato Lusardi as a director of the practice. James Felstead has been made an associate.

Shillam + Smith has promoted Michael Dillon from associate to senior associate, and David Hamilton becomes an associate.

**Martine Hamilton Knight** Photography has moved to 49 Lucklow Drive, Nottingham, NG3 5EU. tel/fax 0115 962 1112

Trevor Horne Architects has moved to 15 Micawber Street. London N1 7TB.tel 020 7253 0600, fax 020 7253 0608.

Clash Associates has moved to 136 Southwark Street. London SE1 0SW.tel 020 7928 8948.fax 020 7928 7864.

Weisser and Goodbun (WaG) Architecture has moved to 3 Tenter Ground. Spitalfields, London E1 7NH, tel 020 7377 2423, fax 020 7377 2429.

**Bamber and Reddan** Architects has appointed Jaspreet Pathiwille, Peter Avery and Huw Rees as associates. Cornelius Clancy is now senior associate and Mike McDonnell has been made a partner.

Fluid Structures has moved to Second Floor, 21 St Georges Road, London SE1 6ES, tel 020 7820 7766, fax 020 7582

 Send details of changes and appointments to Victoria Huttler, The Architects' Journal, 151 Rosebery Avenue, London EC1R 4GB, or e-mail victoria. huttler@construct.emap.com

faststream) www.faststream.co.uk - real live jobs updated daily!

ARCHITECT - LONDON - £26-33k per annum

2-3yrs Post part 3 experience with a good design flair. To work on large Residential projects therefore knowledge in this sector would be an advantage. AutoCAD is essential, however ArchiCAD is highly desirable. Ref 31

ARCHITECT - READING - up to £35k

AutoCAD – The perfect candidate will come from a strong commercial background and have an understanding of cladding, combined with a good design flair. To work for a large structured organization. Ref 31

HEALTHCARE ARCHITECTURAL ASSISTANT X 2 - CENTRAL LONDON - to £35k

Fast-growing Healthcare practice offering large scale project exposure. AutoCAD & min. 4 years experience essential – Ref 29

Please call us to find out about further opportunities.

ARCHITECT - CENTRAL LONDON - fneg

An artifact will a treat year experience to be large practice to work on hospital projects. The ideal candidate will have experience in space planning and be competent in the use of AutoCAD. Ref 34

TRANSPORT ARCHITECT - SOUTH LONDON - £20ph

A background working on Transportation projects is essential. Microstation and/or AutoCAD skills sought. Good opportunity to gain high value project experience. 6 months contract. Ref 29

ASSISTANT ARCHITECT - LONDON - to £26k

Working on a mixture of Commercial and Residential Projects you will ideally have strong Vectorworks skills and a working knowledge of LT systems. Long-term prospects and good package available. Ref 37

t: 023 8033 4444 f: 023 8033 5555 www.faststream.co.uk e: arch@faststream.co.uk

Healy & Partners are a medium sized regional practice based in Limerick City. Our project work includes Education, Health, Conservation, Residential, Commercial and Leisure.

We currently have a number of open positions for senior conservation architects, to work on a variety of conservation projects. The ideal candidate should have experience in conservation particularly in relation to country houses, churches and cathedral renovation.

Candidates should be able to illustrate their experience, have experience in working and leading project teams and be competent in the use of AutoCad or MicroStation (or similar).

Attractive renumeration and career opportunities available for candidates meeting the above requirements.

Letters of interest and CVs to be forwarded to Human Resources Manager, Healy & Partners, Barrow House Michael Street, Limerick, Ireland. E. hr@healypartners.com

HEALY & PARTNERS



Designer (Intermediate)

Competitive salary according to age and experience, plus benefits.

Leading architectural design firm seeks an architecture graduate with 2 to 5 years' design experience to work on a series of major projects from outline proposals through to tender documentation and contract administration. The designer will develop fully the design of a predetermined portion of each project, assist with the development of building systems and components, assist with tender submissions and review subcontractor drawing submissions. This position requires a self-motivated designer with proven design flair, experience of environmentally friendly building systems and technologies and a track record of documenting areas of major building projects. Microstation proficiency is essential. Apply with CV to PO Box 3179 before 4 th October 2002

#### ZAMBELLI FRIEND ARCHITECTS & DESIGNERS

Senior Project Architect Send CV to:

Lamborn Place 26 High Street Banstead Surrey SM7 2LJ Fax: 01737 360025 email: zf@zambelli-friend.co.uk

www.careersinconstruction.com The UK's leading construction recruitment service THE THE INTERNET SERVICES

bookings: 5pm monday copy: 5pm monday artwork: 12 noon tuesda

# Plans for the future

Marks & Spencer is one of the UK's most forward-thinking companies. With an unrivalled reputation for quality and service, our commitment to creating the ideal shopping experience impacts upon every facet of our architecture and design.

Now, our drive for business growth is resulting in a major change programme for stores and has created this challenging career opportunity for a talented professional to join our in-house team.

#### Retail Architect

Up to £40,000 + excellent benefits

You will relish the opportunity of helping to realise our goal of building a host of exciting and progressive developments. Your wide ranging portfolio will include everything from the national roll out of our 'Simply Food' format to mould breaking designs for major new stores.

After reviewing and agreeing the design and construction of schemes with developers' teams and internal teams alike, you'll finalise specifications and drawings to include within contract documents for specific projects before overseeing the building process.

With the ability to communicate clearly and the self-confidence to lead from the front, your architectural expertise will help you to brief colleagues and clients on the impact of construction and the many design related issues affecting store developments.

You'll certainly demonstrate the commercial acumen to deliver projects

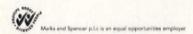
to time and within budget, and your exacting attention to detail will see you ensuring the company complies with a raft of legislation.

Working closely with in-house multi-disciplined teams and external consultants, your enthusiasm and commitment will inspire those around you and help you to drive through your vision.

As a Registered Architect or RIBA member you'll thrive in a fast paced retail environment where you'll be spearheading several projects simultaneously.

Would you like to change the face of M&S? If so, send your C.V. with a covering letter stating your current salary to: Recruitment Shared Services, Marks and Spencer Plc, Baker Street, London W1U 8EP or e-mail recruit@marks-and-spencer.com Closing date for applications 13 September 2002.

MARKS & SPENCER



#### URBAN IMPROVEMENT

Re-thinking construction?

Excellent opportunities for talented designers in a challenging urban environment

#### ASSISTANT TEAM ARCHITECT

Up to £31,971 p.a.

You will be a Chartered Architect (RIBA). Ref: ATA.

#### LANDSCAPE ARCHITECT

Scale SO1/P4 £19,770 - £26,310 p.a.

You will be qualified to Part III of the Landscape Institute examinations. Ref: LA3/P4.

We particularly welcome applications from women, people from ethnic minorities and people with disabilities as they are under-represented within our Service Area.

Application forms and job descriptions, quoting appropriate reference number, are available by telephoning or writing to the Personnel Section (Urban Form), Council House, High Street, Smethwick B66 3NT. Tel: 0121 569 5052/5049/5106. Internet: www.sandwell.gov.uk

Closing date: Friday, 27th September, 2002.

Interviews are scheduled to take place during the week commencing 14th October, 2002.

C.V.'s will not be accepted, submitted alone or with an application form, except from disabled applicants.

We are working towards a no smoking policy.



#### Sandwell is committed to equality

#### ARCHITECTURAL ASSISTANT/ASSISTANT BUILDING SURVEYOR

To work on a variety of New and Historic building projects. Good presentation skills essential, Conservation training/qualifications and/or interest an advantage. Ideal post for person working towards RIBA Pt3.

#### YEAR OUT STUDENT

With ambition, enthusiasm, humour and good drafting skills.
Please write enclosing CV to: Smith and Roper, Architects and Surveyors,
Buxton Road, Bakewell, Derbyshire DE45 1BZ
Email: rs@smithandroper.com

Architecture@adrem.uk.com
www.adrem.uk.com

ARCHITECTURE
Tamsyn Curley
Delwar Hossain
Natasha Jowett

TEMP DESK
Lindsay Urquhart

SECRETARIAL
Mike Radcliffe
Jill Showell

Adrem Recruitment Limited





Recruitment for Architecture and Design

For vacancies in the following areas

#### London

0208 9016701 8.00am-6.30pm 07900 051078 till 10.00pm

Essex & East Anglia 01245 254702 8.00am-6.30pm 07730 928763 till 10.00pm

Northern Home Counties 0208 9016702 8.00am-6.30pm 07879 485736 till 10.00pm

Coyle Personnel Plc architectural division Hygeia, 66-68 College Road, Harrow, Middlesex HA1 1BE Tel: 0208 861 3000 Fax: 0208 901 6717 Email: architecture@coyles.co.uk www.coyles.co.uk



# recruitment

## competitions

#### **RIBA-APPROVED**

Details available from the RIBA Competitions Office, 6 Melbourne Street, Leeds LS2 7PS, tel 0113 234 1335, fax 0113 246 0744, e-mail riba. competitions@mail.riba.org

#### **DESIGNED FOR LIVING**

Design competition launched by Swaythling Housing Society, in conjunction with Eastleigh Borough Council and CABE, to develop a prototype housing project, 'Designed for Life'. The project will demonstrate the potential for housing to enable and reflect the changing lifestyle choices of its occupants over time. Deadline 30.8.02.

#### **OTHERS**

#### HOUSING, SUNDERLAND

Sunderland Housing Group has acquired some older properties for conversion to residential accommodation, including several Grade II-listed buildings. Contact Alan Potter, Sunderland Housing Group, 2 Emperor Way, Doxford International Business Park, Sunderland SR3 3XR, tel 01915256000, fax 0191 5256030, e-mail alan.potter@sunderlandhousing.co.uk. Applications by 2.9.02.

#### **ADVANTAGEWEST MIDLANDS**

Architectural and landscape services in connection with the redevelopment of derelict land and buildings, development of brownfield sites and provision of new facilities and other regeneration consulting services. Ref PS 2 200/2002. Contact B Hardisty, Advantage West Midlands, 3 Priestley Wharf, Holt Street, Aston Science Park, Birmingham B7 4BN. Tel 0121 380 3500, fax 0121 380 3501, e-mail bernardhardisty@ advantagewm.co.uk. Applications by 6.9.02.

• Richard Haut operates a weekly 'competitions' e-mail service, telling architects about projects they can apply for across Britain, Ireland and Europe. Tel 0033 673 75 02 76, e-mail hautrichard@hotmail.com, web communities.msn.com/RichardHautscompetitions

#### WEST MIDLANDS VACANCIES

SENIOR ARCHITECT Ref: 4910 Permanent

Pt3 qualified with at least 2 years in practice experience.

PROJECT ARCHITECT Ref: 4911 Permanent

Good client liaison skills essential.

CAD TECHNICIANS Ref: 4912 Permanent

Autocad experience essential.

CAD TECHNICIAN Ref: 4936 Contract

New housing design on Autocad.

CAD TECHNICIAN Ref: 4912 Contract

Producing Autocad drawings from measured surveys.

CAD TECHNICIANS Ref: 4882 Permanent/Contract

Design of supermarkets on Autocad.

#### YORKSHIRE VACANCIES

CAD TECHNICIAN Ref: 4815 Contract

Long term Autocad with Multi-disciplinary Bradford practice.

CAD TECHNICIAN Ref: 4946 Permanent

Autocad design of Schools, Hospitals and Supermarkets, based Huddersfield.

#### NORTH MIDLANDS VACANCIES

ARCHITECT Ref: 4891 Permanent

Pt3 qualified, seeking a swift progression to partnership status.

CAD TECHNICIAN Ref: 4890 Permanent

Autocad design in general practice.

#### **EAST MIDLANDS VACANCIES**

SENIOR CAD TECHNICIAN Ref: 4769 Permanent

Prestige housebuilder seeks person with Autocad background.

SENIOR TECHNICIAN Ref: 4815 Permanent

Autocad design of Domestic, Commercial and Leisure projects.

CAD TECHNICIAN Ref: 4820 Permanent/Contract

A flair for house design and Autocad experience essential.

JUNIOR CAD TECHNICIAN Ref: 4883 Permanent

Ideal opportunity for a recent graduate in a prestigious practice.

In addition to the above I have a number of unadvertised Permanent and Contract vacancies throughout the Midlands and Yorkshire. Please call me at any time if you would like further information.



RD RECRUITMENT (RUGBY LTD)

Dave Smith
Tel: 01788 572841
Mob: 07802 801558
Fax: 01788 578609
e-mail:

dave.smith@rdrecruitment.co.uk Trioka House, East Union St, Rugby Warks CV22 6AJ



#### 01483 303017 LGC Information

The Authority experts



# Space Syntax

#### RESEARCH CONSULTANT

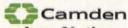
We are looking for a Research Consultant to join our growing international practice. Applicants must have working knowledge of space syntax methodology and software applications and be fluent in written and spoken Japanese. Please send your CV and no more than 6 pages of drawn and written work to Tim Stonor at Space Syntax, 11 Riverside Studios, 28 Park Street, London SE1 9EQ.

www.spacesyntax.com

www.CareersinConstruction.com careers

\*Best Internet Business - to-Business Company' - Internet Business Awards 2000 in construction

TENDERS



#### Services Restricted Procedure Notice

Title: UK-London: Architectural and Related Services, Ampthill Square Estate, Eversholt Street, London NW1 and Godwin & Crowndale Estate, Crowndale Road, London NW1.

1. Awarding authority: London Borough of Camden, Housing Department, Bidborough House, 20 Mabledon Place, London, WC1H 9BF, United Kingdom, Tel: 020 7974 5514, Fax: 020 7974 5522, Email: mark.everest@camden.gov.uk, Contact: Mr. Mark Everest, Principal Contracts Officer.

2. Category of service and description, CPC reference number, quantity, options: 74220000, 74233400, 74231200,

Additional description: Additional description: Architectural and related services, mechanical and electrical engineering services and structural engineering consultancy services.

The works value of the schemes is approximately £8 million for Ampthill Square Estate and £3.5 million for Godwin & Crowndale Estate.

A consultant is currently carrying out consultancy services and will continue to do so until such time as a consultant is appointed as a result of this tender process. They are currently in the Scheme Design stage. The starting point for the successful tenderer will therefore depend on how long the tender process takes. It is envisaged that for the successful candidate the starting point will be the Detailed Design Stage. Therefore consultancy services will consist of:

Detailed Design

Production information and bills of quantities

Tender Action

Project Planning

Managing Operations on Site

Completions

Additional services may include Asbestos Services, Planning Supervisor Services, Clerk of Works Services, Landscape Architecture and Specialist

- 3. Delivery to: Ampthill Square Estate, Eversholt Street, London NW1 and Godwin & Crowndale Estate, Crowndale Road, London NW1.
- 4. a) Reserved for a particular profession: No.
- 4. b) Law, regulation or administrative provision: English Law
- 4. c) Obligation to mention the names and qualifications of personnel: Yes.
- 5. Division into lots: Organisations may be invited to tender for one or both
- 6. Number of service providers which will be invited to tender: No predetermined number
- 7. Variants: No.
- 8. Time limits for completion or duration of the contract, for starting or providing the service: It is expected that provision of consultancy services will commence in late 2002 and that the services will be required for at least one year or until completion of the schemes.
- 9. Legal form in case of group bidders: Joint and several liability.
- 10. a) Justification for accelerated procedure:
- 10. b) Deadline for receipt of requests to participate: 30.9.2002 (5.00pm).
- 10. c) Address: London Borough of Camden, Approved List Unit, 4th Floor Town Hall Extension, Argyle Street, London, WC1H 8NL, United Kingdom, Fax: 020 7974 5935, Email: select6@camden.gov.uk, Contact: Richard Whiteman, Approved List Coordinator.
- 10. d) Language(s): English.
- 11. Final date for the despatch of invitations to tender:
- 12. Deposits and guarantees: A performance bond or parent company guarantee may be required
- 13. Qualifications: Organisations expressing an interest will be required to complete a questionnaire and return this to the address in 10(c) by the date and time in 10(b)
- 14. Award criteria: Economically most advantageous tender in terms of. Criteria indicated in the invitation to tender.
- 15. Other information:
- 16. Date of publication of pre-information:
- 17. Notice Postmarked: 21.8.2002
- 18. Notice received on:
- 19. Covered by the GPA agreement: Not applicable.

#### **GRADUATE ARCHITECT** PART 2

For growing surveying and architectural firm in Godalming, Surrey.

Private clients

Immediate start for enthusiastic person.

T W Grillo - Chartered Surveyors Fax: 01483 860535 or email: mail@twgrillo.co.uk

#### Architectural Assistant

Part 2. AutoCAD, 3D Studio Max/ Viz (Animations) and Macromedia Director skills essential.

Graphical presentation flair is also a must, together with Mac skills in Photoshop, Illustrator and Quark Xpress.

Send CV to: PO Box 3178

#### ARCHITECT/PTI/II

Required to work on a variety of newbuild & refurbishment projects.

Please send C.V. and examples of work to:

John Simpson & Partners 29 Great James Street Bloomsbury WC1N3ES

Email: jsparchitects@btinternet.com

#### MMM architects

Small, busy & expanding award-winning practice with an exemplary portfolio of work including residential developments, retail, restaurants, bars and one-off houses is looking to fill 2 key positions:-

#### PROJECT ARCHITECT

required with excellent design and detailing skills and ability to run jobs from inception to completion, with particular knowledge of production information and job administration.

#### TECHNICIAN

Highly skilled technician required with ability to produce working drawings to a high standard.

Mac/CAD proficiency essential.

Please send CV to: MMM Architects The Banking Hall 26 Maida Vale London W9 1RS post@mmmarchitects.com ATP Group Partnership

Due to increased workload we require

Experienced Architect
min. 5 years' post-qualification experience
with possibility of appointment as Associate.
To lead a team in the design of large residential and education
projects. Opportunity for design and technical skills to shine.

#### Assistant Architect post- or pre-Part 3

Candidates for both positions should be AutoCAD proficient.

CV and salary expectation by post or email to:

ATP Group Partnership
Brook House, Coventry Road, Ilford, Essex IG1 4QR
E atp.ilford@atpgroup.co.uk
We are an equal opportunities employer

### **ARCHITECTON**

Apply to Sue Baynes with CV Architecton, The Wool Hall, 12 St. Thomas Street, Bristol BS1 6JJ Tel: 0117 910 5200 Fax: 0117 926 0221 info@architecton.co.ul

#### **Experienced residential** AutoCAD LT Technician

Fast track new build project in N1

Attractive package for the successful applicant

Please send CV to bfitz@fitzp.com

#### ECD ARCHITECTS

#### **DESIGN ARCHITECTS &** ARCHITECTURAL TECHNOLOGISTS

ECD Architects are seeking to employ experienced, talented design architects and architectural technologists for prestigious private sector residential projects in the south-east. The successful candidates will have strong design and presentation skills as well as experience in innovative, sustainable construction. Fluent Autocad skills are essential. Excellent career prospects for the right candidates. Please submit applications in writing with CV and A3 examples of work

**David Turrent - ECD Architects** 17-21 Emerald Street London WC1N 3QN



Please call Susie for

Tel 020 7505 6803

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, 0790 5376549 dp arch@yahoo.com

**CAD Training Service** 

# classified

your online identity will be as unique as your plans when you get a memorable e-mail and web address

> domainnames.com A VeriSign company

PERSPECTIVES



#### Laidler

www.trevorlaidler.co.uk info@trevorlaidlor.co.uk tel/fax 01803 213022

### Architectural Illustrators



#### DAVID HOARE

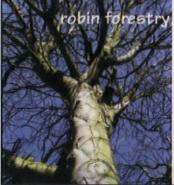
ARCHITECTURAL ILLUSTRATOR **QUALITY EXTERIOR &** INTERIOR

#### PERSPECTIVES

AND PRESENTATION **DRAWINGS** 

both detailed and loose conceptual sketches in colour and b/w PHONE FOR COLOUR BROCHURE Tel/Fax: 020-8852 7508

SURVEYORS



#### surveys Ltd



Coulton House, Tannery Road, Harraby Green Business Park Carlisle CA1 255

Tree Location Plotting Management Recommendations Tree Health Reports

Tel: (01228) 409469 Fax: (01228) 540439 E-mail: info@robinsurvevs.co.uk

## Buildings that Care?

A Futures Workshop in Southern Spain Oct. 19 - 26 Th 2002

www.daviddry.com - (34) 958 784 470

#### MODEL MAKERS

#### Model Technology

& Associates Ltd

Web Page at: www.model-technology.co.uk 20% discount (off first order) Email: sales@model-technology.co.uk Download drawings instantly via E-mail

Very fast turnaround times

Progress photos can be viewed instantly on-line

Cad/Cam cutting facilities

Full detail/Part detail/wooden/white/ concept/topographical/sketch, models

Send to: FREE POST- MODEL TECHNOLOGY

FREEPHONE 0800 1693217



A.D.A.D. have expert knowledge in producing all types of model in well-equipped workshops.

A reliable and fast service is guaranteed for detailed or block models and repairs.

A.D.A.D. Henley-on-Thames

Please contact Antony Duckett

Tel: 01491 574350 Fax:01491 571544 design.demon.co.uk

Website: www.antonydesign.demon.co.uk



Tel 0207 242 0101 Fax 01394 672289 email: vincent@fineform.co.uk www.fineform.co.uk

Arundel, England +44 (01243) 554021

Est. 15 years Contact Peter Bond Decent prices for excellent models



...FULL DETAIL MODELS ...QUICK STUDY MODELS .ALTERATIONS & REPAIRS

ROBERT DANTON-REES Unit 8, The Hanger, Perseverance Works 38 Kingsland Road, London E2 BDD



#### PROFESSIONAL INDEMNITY



Professional **Indemnity Insurance** 

COMPETITIVE QUOTATIONS AVAILABLE FOR ALL TRADES

Findlay Littler & Associates **Commercial Insurance Brokers** Tel: 0121 355 5141 Fax: 0121 354 4443 www.easy2insure.co.uk



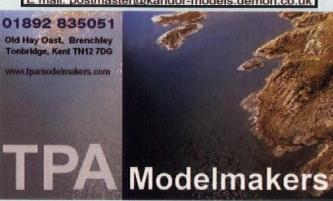
MODELS MODELS MODELS MODELS MODELS

ARCHITECTURAL MODELS PROTOTYPES, VAC FORM

T/F +44 (0) 151 707 8090 23 ROSCOE LANE LIVERPOOL L 1 9 J D

MODEL MAKERS







18 Hewett Street London EC2A 3NN

t: 020 7377 6127 f: 020 7377 6129

e: workshop@flicmodels.com

w: www.flicmodels.com

Architectural Modelmakers

Formerly W.E.D Models



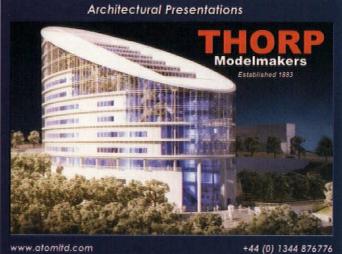
#### THE MODELMAKERS

3 Marlow Workshops, Arnold Circus, London E2 7JN Tel 020 7739 7933 · Fax 020 7739 7195 Email architecture@3ddmodels.co.uk Website http://www.3ddmodels.co.uk





INVESTOR IN PEOPLE





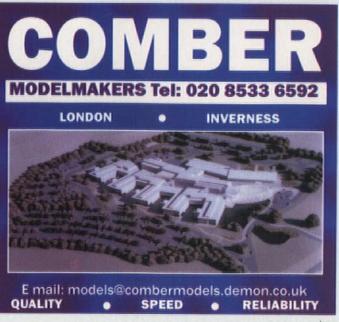
#### Concept | Planning | Marketing

For all your modelmaking requirements, contact Nick McKeogh.

27-35 Bevenden St London N1 6BH

020 7250 0530 Tel Fax 020 7251 0134 Email studio@pipers.co.uk

www.pipers.co.uk



# classified

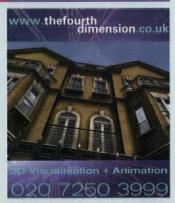
#### 3D COMPUTER VISULISATION



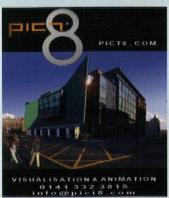
www.WellsVisualisation.com Tel: 0207 368465

















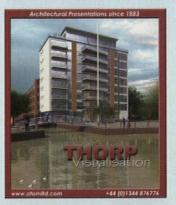
#### Visualisation

animation, website and interactive presentations of the highest quality.

Produced by architects Established over 5 years. Very competitive rates.

## emperor

Tel: 020 7388 8177 Fax: 020 7388 7958 www.emperorvision.com













#### SURVEYORS



#### The Art of Measured Survey

Providing high quality measured building survey services to architects for over 30 years.

#### Michael Gallie & Partners

LAND & MEASURED BUILDING SURVEYORS

2 ROSEBERY MEWS, ROSEBERY ROAD, LONDON SW2 4DQ TELEPHONE: 020-8674-1111 FACSIMILE: 020-8671-9575



GEOMATICS

management

through

measurement

- A PRECISION measured surveys
- **Cyrax 3D LASER SCANNING**
- Specialists in SURVEYS OF BUILDINGS
- ▲ State-of-the-art CAD
- ▲ QUALITY SERVICE, tailored to your needs

Urgent project? Ring now for immediate attention

Plowman Craven & Associates 141 Lower Luton Road, Harpenden, Herts AL5 5EQ tel 01582 765566 ▲ fax 01582 765370 ▲ www.plowmancraven.co.uk

#### MASTIC ASPHALT WEBSITE

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

www.mac.co.uk



Claridge House, 5 Elwick Road, Ashford, Kent TN23 1PD Tel: 01233 634411 Fax: 01233 634466 E-mail: info@mac.co.

PLANNING CONSULTANCY SERVICES

#### **Project Planning Solutions** www.hpconsult.co.uk

If you want to save yourself time and make optimum use of your budget & resources, all it takes is one person who really understands your business. We will help to take the Risk out of your business. Whether you need help for a couple of days or a few weeks you can have the specialist support you need. Our expertise will add value to your operations cancelling out our consultancy fees.



Telephone: 020 8654 4721 or 07808 921838 Email: info@hpcconsult.co.uk

Pre-construction \* Project \* Risk \* Earned Value \* Audits \* Claims/Forensic \* Expert Reports

#### ARCHITECTS



Major new series

CPD seminars for architects at the RIBA Autumn 2002

Visit: www.gpaltd.co.uk Tel: 020 7724 9003 or email: stephen@gruneberg.fsworld.co.uk

#### WANTED

ARCHITECT IN INDUSTRIAL BUILDINGS

To provide complete structural plan for modern Heavy Plant Workshop with spray paint facilities

> Please contact: Tel: 028 8289 8262 Fax: 028 8289 8153

Many thanks

CO-ORDINATED PLANS. SECTIONS & ELEVATIONS

TOPOGRAPHIC SURVEYS AND LAND MODELLING

PRECISION DATA 100% TO YOUR SPECIFICATION **BUILDING SURVEYS LTD** landan la

SPECIALIST MEASURED **BUILDING SURVEYORS** 

ACCURATE • DEPENDABLE • PUNCTUAL

DALTON HOUSE . 60 WINDSOR AVENUE . LONDON . SW19 2RR TEL:020 8543 8884 FAX:020 8543 6664 Email: info@callidusbs.com Website: www.callidusbs.com

#### OFFICE TO RENT

Office to Rent

Modern, architect-designed office suite in quiet Kensington cobbled mews. Picture windows, south-facing, very light. Self-contained, with 2 entrances, alarm system, CH, modern kitchen, bathroom with shower. Close to transport and shops.

Contract parking nearby.

Unfurnished, 66 sq.m. @ £19,000 pa.

— AVAILABLE IMMEDIATELY —

Call 020 7603-5201or 07870-688612

ROOM AVAILABLE

#### ALBEMARLE STREET, MAYFAIR

Room available in office suite. Suit 2 people Surveyor/Architect, etc

Boardroom. Secretarial services available

£12,000 p/a.

Tel: 020 7499 5524

TILING

#### Hard Rock Tiling

NATIONWIDE CONTRACTORS 24 HOUR FITTING SERVICE

- Ceramics and Mosaics
- ☐ Natural Stone and Marble
- ☐ Terracotta and Slate Tel 01606 354 685 Fax 01606 351 558 Mob 07812 078 767

Email info@hardrocktiling.com

#### 

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



REPROGRAPHICS

#### thames digital

SCANNING & VECTORISING

Top Quality mono and colour reproductions

Other services include:- plotting, plain paper plan copying, Enlargement/ Reductions, colour copying, Document opying, mounting, encapsulations, micro film printbacks.

Free collection & delivery "A Culture of Quality & Service" Contact Phil Waring, Graham Barwell Tel: 020 7357 6665 Fax: 020 7357 7002

ISDN 020 7234 0340 email tdr-ltd.demon.co.uk

the architects' journal 57

#### archicharades



Champagne goes to Peter Davies of Powys County Council who correctly identified Masaharu Takasaki from the clues in our 'archicharades' competition last week. Can you identify the famous architect from this week's clues? Send your answers on a postcard please, by first thing Monday morning, to: AJ Astragal, 151 Rosebery Avenue, London EC1R 4GB, or fax your entry on O2O 7505 6701. The first correct entry pulled out of the hat wins a bottle of bubbly.

#### Sharp shooter

stragal is indebted to Esquire magazine for its latest feature on the 50 'sharpest men'. Only one architect made the list. No, not red-trousered George Ferguson, nor Pradawearing Marco Goldschmied. Step forward the sharp Sir (sic) Norman Foster. Sadly, Foster does not get a portrait in the magazine, but a photograph of the 'High-Tech' Great Court project at the British Museum. 'Building on previous successes' is the way he is subtitled, and Foster is said to have made more impact on the landscape of this country than anything since glacial erosion. Finest moment: giving another great building to London - the 'suave' new GLA HQ. 'Next' is 'overseeing the regeneration of London's Elephant & Castle'; and lastly comes the 'we forgive him for' section. The answer is: 'That wobbly bridge.' Which was also known as the 'blade of light'. Sharp indeed.

#### Whispering Graz

ext year's Cultural Capital of Europe will be Graz, capital of the Austrian province of Styria. 'We on the Graz 2003 team see it this way,' says the brochure. 'Graz must not ignore its neighbours or any other foreign impulses. Graz must not fall into a coma of self-imposed provincialism. Graz must not confuse its memories with its future.' Still, as Peter Blundell Jones has often shown many times in The Architectural Review, Graz has plenty going for it, and next year should prove the point. Peter Cook and Colin Fournier's

Graz Kunsthaus is scheduled to open on 20 September 2003, and other buildings due to complete include Riegler Riewe's House of Literature and a new Stadthalle by Klaus Kada. There are exhibitions on 'Masterpieces of Styrian Modernism' and Jože Plečnik, while Zaha Hadid and Patrick Schumacher will present 'Latent Utopias' – 'visionary ideas of renowned architects as well as young teams'. A visit certainly seems in order. Just mind your foreign impulses when you go.

#### Phone home

Residents of west London may have received some enigmatic telephone calls recently, probably little more than muttered apologies in a Polish accent. The caller was none other than Cezary Bednarski, one of

the more flamboyant characters on the architectural scene. In the process of setting up an office for his practice, he was keen to have a memorable phone number. So he rang a number of possibilities until he hit on one that was a dead line. Then it was simply a case of badgering – sorry, persuading – BT to allocate the number to him. Anybody who wants to check out that caller may like to ring 020 8962 8962.

#### Fonder heart

ow much more will the Swiss do to shuck off their worthy but dull image? Not content with hosting one of the most architecturally distinguished Expos, they are now putting on a play, film and exhibition on that most decadent of drinks, absinthe. The play,

Artemisia (the botanical name for wormwood, which gives absinthe its bitter taste and hallucinogenic effects) opens on 3 September at the Arteplage de Neuchâtel. The Swiss outlawed absinthe in 1908 and production went underground. There are many who would resist its re-legalisation, believing that absinthe one could buy at the supermarket is no fun at all. What has happened to that law-abiding Swiss character? And what will the bar serve during the intervals of Artemisia?

#### Kiss of death

Birmingham's National Exhibition Centre has a big attraction from 4-6 April next year: 'Caring for the Deceased'. It is billed as 'the national death care industry trade exhibition'. How very Asplund.



Astragal has been dazzled by a new book of photographs on Butlins holiday camps, and shocked to learn that Billy Butlin himself was the architect and designer of all the spaces. The book is called *Our True Intent is All for Your Delight*, a fascinating, at times gaudy, collection of pictures from new publisher in this field Chris Boot. The pictures, by the late colour pioneer John Hinde, many only published as postcards that were sold at the holiday camps themselves, will also go on show at the Photographers' Gallery in London from 29 November to 18 January. Pictured is the interior of the Beachcomber Bar (right) at Skegness and the indoor heated pool (including suspended seagulls) at Mosney, Ireland. They just don't do interiors like that anymore. Thank goodness. Hi de hi!

astragal

#### SOLIDSYSTEM

#### AJ ENQUIRY NO: 201



SolidSystem by Cleveland Bay - solid wood floors for prestige projects.

- The full aesthetic benefits of traditional wooden flooring.
- Reliable and stable enough for underfloor heating.
- Contemporary or classical, will last for decades.
- Tailor-made specifications are part of the SolidSystem service. For proper wooden floors, call Cleveland Bay on 01732 471070 or visit www.solid-system.com

#### **FENDORHANSEN**

The Halifax's latest call centre in Belfast used fire-glazing specialist FendorHansen, part of the £100 million Anglo-Scandinavian HansenGroup, to supply and fit its Fineline system combined with Pyrolithic glass to the large central atrium. The fire protection system affords 30 minutes' integrity and is aesthetically ideal for the atrium, allowing maximum natural light into the core of the building.



#### **ETERNIT**

#### AJ ENQUIRY NO: 203

A new type of fibre-cement profiled sheeting that is already well established for industrial applications throughout Europe is set to make its mark on the UK roofing and cladding scene. Induscape is being launched by



Eternit Building Materials, the UK's sole manufacturer of fibre-cement profiled sheeting, in response to architects' requirements for a profile that is specifically suited to industry and its aggressive and corrosive environments. Consequently, Induscape has a broader, curvier, less acute profile, with seven inches between the corrugated peaks.

#### **FORBES AND LOMAX**



Invisible switches have flushto-the-wall acrylic plates, allowing the wall colour to show through. Other plate

AJ ENQUIRY NO: 204

finishes include frosted acrylic, stainless steel, nickel silver and unlacquered brass. The invisible dimming system is a remote-controlled, scenesetting dimmer. Tel 020 7738 0202 or visit www.forbesand Iomax.co.uk. See us at 100%

#### DAVID SHARP STUDIO

#### AJ ENQUIRY NO: 205





and alpines. These troughs carry the typical 'wicker basket' pattern but are generously sized at 1,240 x 530 x 260mm high. They are quality-made in reconstructed stone by skilled craftsmen in Portland, Cotswold and Bath stone or terracotta finishes.

#### KINGSPAN

#### Insulation for Sustainability - A Guide is the result of a research programme carried out by sustainable construction consultants XC02 conisbee. This report is being distributed by BING member companies, one of which is Kingspan Insulation. Kingspan's marketing manager John Garbutt said: 'This guide makes an extremely useful contribution to the debate materials and, in particular, insulation, in order

on how designers should utilise building to achieve greater levels of energy efficiency and thus prevent further damage to our environment.

# A Guide

**AJ ENQUIRY NO: 206** 

#### GROHE

#### AJ ENGUIRY NO: 207



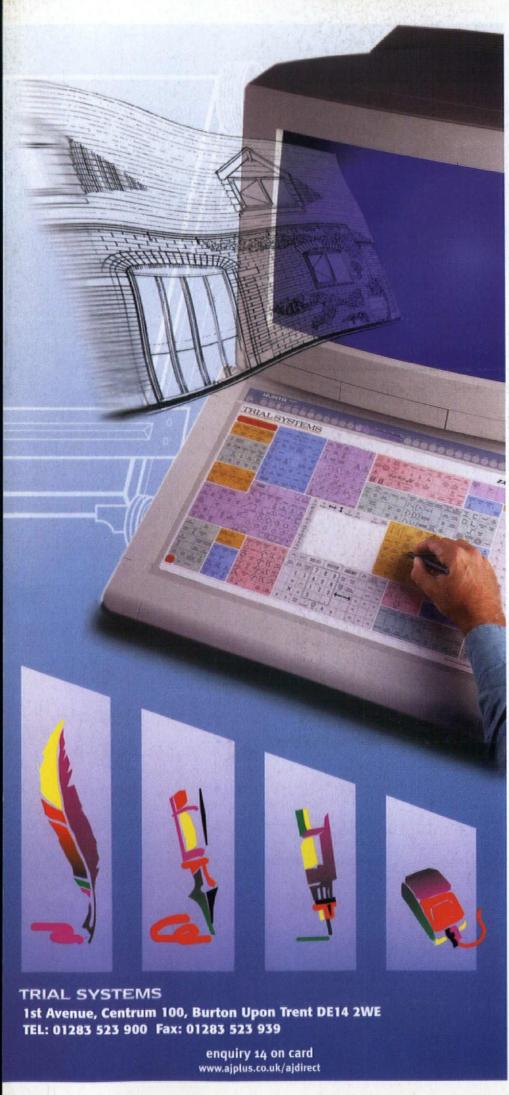
Grohe Water Technology supplied the shower mixer, bath spouts and accessories from the designer GroheArt range for Channel 4's latest Big Brother bathroom, Marketing director David Doust said: Grohe is thrilled to be involved with the house and is thankful to the designers for their support. The exposure is certainly beneficial to all manufacturers involved.

#### HOPPE



#### AJ ENQUIRY NO: 208

The Sofitel Hotel in Athens has been fully equipped with **HOPPE** lever furniture and pull handles, as well as door closers from its Arrone range. The modern-looking Athinai range of door handles was chosen for its sleek and elegant looks, quality and durability. Using brass as the base material and finish, the designers have created an aesthetically pleasing handle.



# IF YOU'RE HAPPY USING A PEN...

# WHY CHANGE?

The move to computer aided design has never been easier than with Drawing Express from Trial Systems. This is because we've designed Drawing Express to take your basic drawing skills and apply them to a computer based system.

#### SIMPLE TO USE

Most users find it quicker than the drawing board after only one week. Unlike mouse driven CAD systems there are no complicated menu structures to learn with Drawing Express, instead with one press of the pen you can simply select the command you want.

#### IDEAL FOR LARGE AND SMALL PROJECTS

You can enter a wide range of projects into Drawing Express, from barn conversions, where every line is out of square, to multi-million pound football stadiums. Drawing Express will handle them all faster and more accurately than using a drawing board.

#### QUANTITIES MADE EASY

Material quantities can be produced quickly and easily, but more than that, if you change the drawing the quantities will be updated automatically.

#### THE PERSONAL TOUCH

We've built in commands that allow you to create the character and feel of a hand drawn plan, you can even add your own hand writing and sketching to your plan to give the appearance of freehand embelishment.



Call us now...
and ask about our special
"try before you buy"
three month trial.