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Following on from its popular visitor centre at the Yorkshire Sculpture Park, Feilden Clegg Bradley Architects has completed a £3.5 million 'underground gallery' there, which opens tomorrow (Friday 13 May). Comprising three large rooms, the gallery is cut into the slope of the 19th-century Bothy Garden.

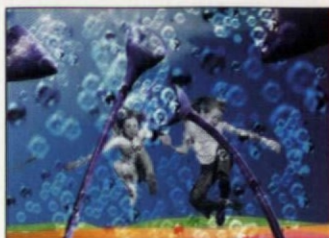
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Illustration by Joe Magee/Heart

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EDAW blows bubbles in Jubilee Gardens
» pages 6-7

“He brings a sophisticated understanding of the importance of good design with him”
RIBA government guru Steven Harding on the new community cabinet minister David Miliband » page 12

aj news

VRANICKI CASE RESTARTS

The ongoing case of Senka Vranicki of Studio Vranicki, who is accused of serious professional incompetence, has restarted (AJ 24.2.05). At the time of going to press, the ARB's professional conduct committee had still not decided whether the West Hampstead-based architect had been incompetent in 'excluding clients from decisions' and failing to 'define the scope of the works'. +

ANDO GALLERY SHELVED

Japanese superstar Tadao Ando will not be able to carry out his plans for a £102 million gallery in Paris. The project, on the site of a former Renault factory, was shelved this week after billionaire François Pinault withdrew his funding due to political indecisiveness. +

SCOTTISH REVIEW KICKS OFF

At the time of going to press, Scotland's answer to CABE was reviewing its first schemes via its new design-review protocol. Architecture and Design Scotland was launched in mid-April to take over the role of the old Royal Fine Art Commission for Scotland. +

ART INSTITUTES MERGE

The Kent Institute of Art and Design (KIAD) and the Surrey Institute of Art and Design University College have agreed to merge, creating a new arts college from Monday 1 August. Last month KIAD made the headlines for all the wrong reasons following the defection of Don Gray, head of the institute's Canterbury School of Architecture, to the rival University of Kent. +

NEW CONTRACT LAUNCHED

The British Interior Design Association will next month launch a new client contract, 'ID/05', a form of agreement for interior-design services. It will be published by RIBA Enterprises and be an addition to the RIBA's existing suite of client contracts.

Rogers 'abused power' to delay Chelsea plans

Britain's most famous Neo-Classical architect has accused Richard Rogers of abusing his cosy relationship with New Labour to delay a controversial hospital project.

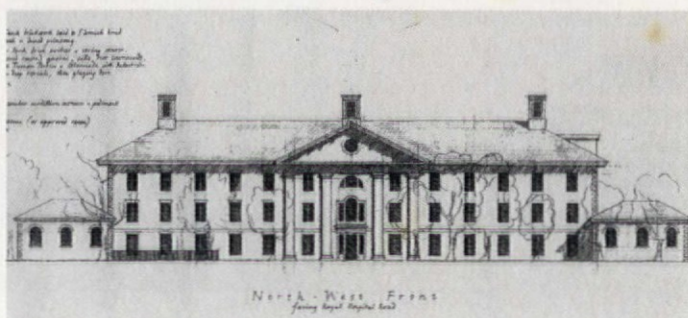
Quinlan Terry has damned Chelsea resident Rogers for writing a personal email to deputy prime minister John Prescott, criticising Terry's Classical designs for Chelsea Royal Hospital's new infirmary.

In a confidential email of 9 February, details of which were leaked to the AJ, Rogers – the author of the government's Urban Task Force report – slams Terry's design.

The note brands the scheme 'architectural plagiarism', saying it 'bears no relation to Wren's original Baroque design', and asks for it to be called in by the Government Office for London (GoL).

Quinlan Terry said he was furious about the Rogers letter. 'It was shock to me,' he told the AJ. 'I think Rogers is abusing his relationship with New Labour.'

'He thinks it should be a modern building. Well, the client



didn't want a modern building,' he added.

And councillors at the Royal Borough of Kensington and Chelsea also questioned Rogers' motives after the GoL, which is part of Prescott's department, put an Article 14 holding delay on the project. The government office's move came just hours before the council's major applications committee resoundingly approved the scheme last Friday (6 May).

Rogers' objections were echoed in the official Chelsea Society stance. However, the organisation has experienced at least one high-profile resignation over opposition to the

Terry scheme – including its honorary secretary.

The Article 14 delay to the decision – which will last for 21 days while the government office decides whether the planning approval needs to be called in – is all the more urgent as Chelsea pensioners are currently living in inappropriate temporary accommodation.

Despite it winning the support of CABE and English Heritage, the Chelsea Society's objections included the Terry scheme's scale, which will make it the same height as Wren's Great Hall within the original hospital.

Rob Sharp

Renegade Roche resigns from RIBA council

Long-term RIBA maverick Chris Roche has left many colleagues stunned this week by announcing his resignation from the institute's council.

The one-time presidential candidate said he was stepping down from the 'business of politics to concentrate on the politics business'.

Roche claimed he made the decision after being unable to get an election document through to the RIBA's Portland Place head-



quarters because staff computers are not Apple Mac compliant.

'I also wish to express my concern regarding election procedures, which I have found are not as equitable and democratic as I would expect,' Roche said.

However, RIBA president George Ferguson dismissed Roche's complaints as 'making mountains out of molehills'.

'I can only conclude that the problem lies at his end,' Ferguson added.

“Swiss Re is beautiful, but I wanted to see how it met the ground. It didn’t”
 Barcelona’s David Mackay has a pop at Foster » page 14

Hywel Evans’
 sun life
 » page 18



Television show to smash demolition myth

A television documentary to be aired next week will blow the lid on plans to demolish swathes of housing across northern England, the AJ can reveal.

An investigation by ITV’s *Tonight Special* programme has proved it is just as cheap to completely renovate homes earmarked for demolition as it is to knock them down.

The findings fly in the face of controversial government proposals to flatten more than 200,000 ‘uninhabitable’ Victorian terraces as part of the multi-billion pound Pathfinder housing strategy.

Hosted by Trevor MacDonald, the show sets out to see whether an abandoned house in Liverpool – targeted for demolition, along with 20,000 homes in the city – could be made inhabitable again for £18,000.

The show’s producers claim the cost of the project would be roughly the same as pulling it



The government plans to flatten 200,000 homes across the north

down and less than a third of the cost of building a new one.

And, although renovation work on the house will continue until Sunday, it is understood that the team believes it has been successful in its challenge.

A spokesman said: ‘We have

demonstrated that a house can be refurbished to an acceptable standard for an amount resembling the price of demolishing it.

‘The programme reflects a growing concern about the wisdom of the proposals for cities in the north of England.’

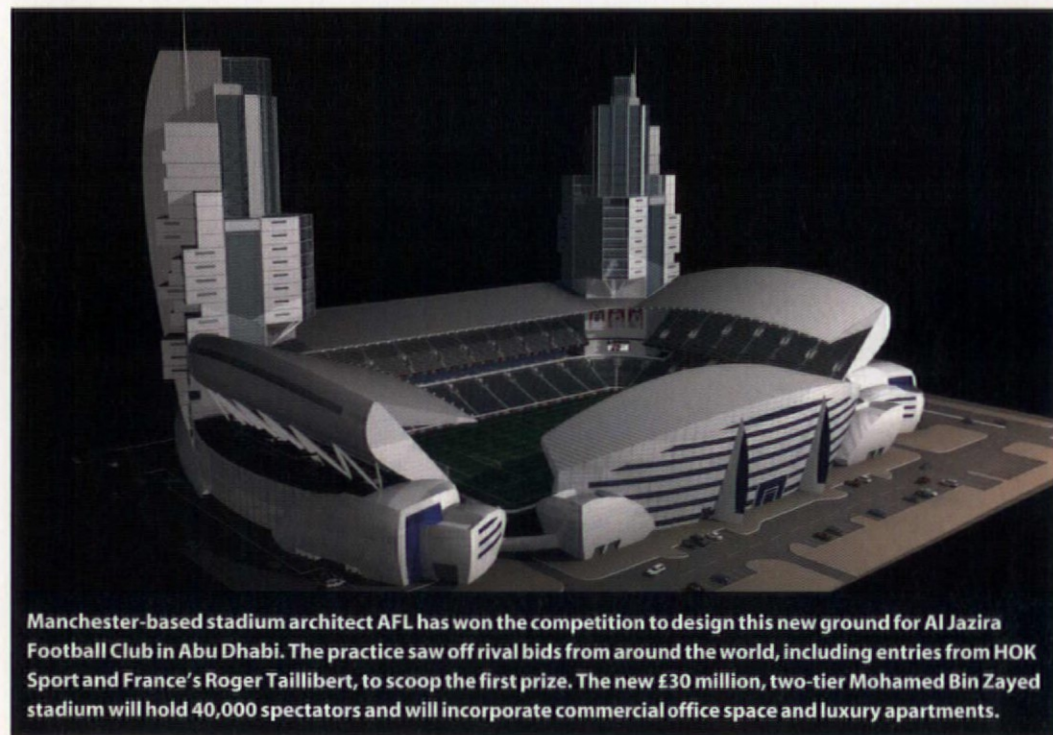
The government’s House Market Renewal Initiative has courted controversy ever since its introduction in 2003 by deputy prime minister John Prescott. Recent plans to level most of Nelson in Lancashire caused one of the biggest public uproars of recent years.

Adam Wilkinson from SAVE Britain’s Heritage, who was interviewed for the show, believes the current proposals pose a massive threat to the historic environment. ‘Whole neighbourhoods are going. These are well-built buildings, some of which are being condemned just on a brief, visual inspection,’ he said.

‘Some communities are not particularly good at articulating their opposition and we are keen to help. These poor communities are just going to be thrown out.’

The two-part programme will be shown on Monday 16 May and Friday 20 May.

Richard Waite



Manchester-based stadium architect AFL has won the competition to design this new ground for Al Jazeera Football Club in Abu Dhabi. The practice saw off rival bids from around the world, including entries from HOK Sport and France’s Roger Taillibert, to scoop the first prize. The new £30 million, two-tier Mohamed Bin Zayed stadium will hold 40,000 spectators and will incorporate commercial office space and luxury apartments.

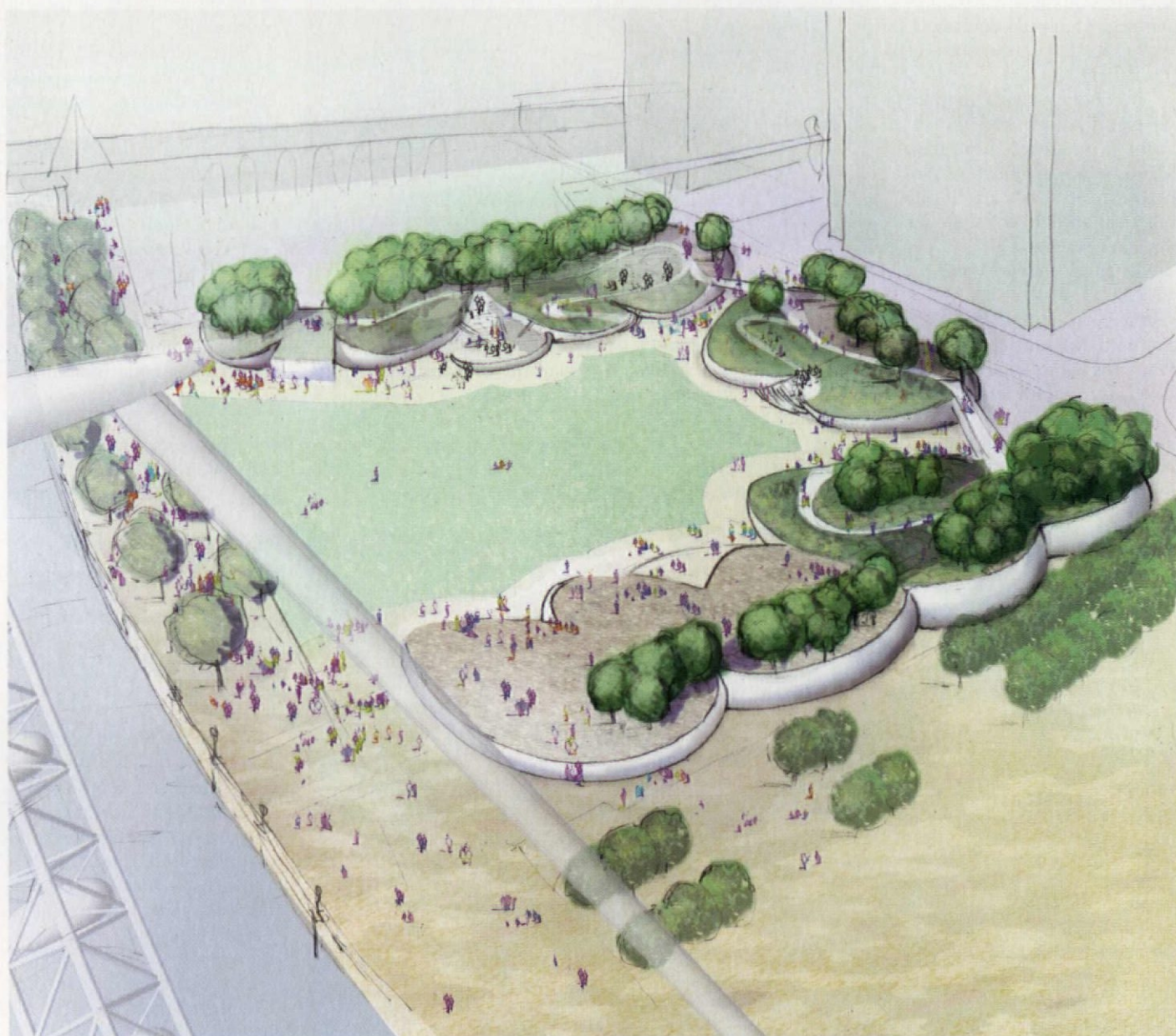
Piano in tune for second top spot

Renzo Piano has made it to number one two years in a row by picking up the ‘most respected architect’ spot in this year’s AJ100 survey.

This is the second year running that Piano has just seen off Norman Foster to come top.

Interestingly, the results suggest that if Ken Shuttleworth, who picked up 3 per cent, was still with his former employer, then Foster may have reclaimed first place, as Piano was clear by just 1 per cent.

Once again the biggest practice in the survey was BDP, for the fifth year running, while the favourite building was Corb’s Ronchamp and the least favourite was Broadway Malyan’s St George’s Wharf in Vauxhall.



Top: the Gross Max team hopes to create an 'ecological tapestry' next to the Thames. **Bottom:** the scheme by the Thomas Heatherwick Studio is designed to look like a system of 'enormous grow bags'



JUBILEE PLANS IN THE OPEN

The four shortlisted concept designs for the controversial Jubilee Gardens site on London's South Bank were unveiled this week.

The schemes, by EDAW, Gross Max, West 8 and Thomas Heatherwick Studio with Land Use Consultants and Dan Pearson Studio, would change the area, an uninspiring lawn, into a world-class park.

Dogged by false starts and changing visions, the plans for the site have stumbled along for over seven years. There have already been at least two previous attempts to find a suitable landscape designer.

However, the Jubilee Gardens Steering Group, the consortium behind the redevelopment consisting of local businesses, community groups, statutory authorities and the South Bank Centre, is confident that the winning design will go ahead.

Ted Inman, the group's chair and the chief executive of South Bank Employers' Group, said: 'The design teams have brought fresh, inspirational thinking to the space.'

'These ideas have the potential to completely transform the face of the South Bank and the way people use and enjoy the gardens.'

'We are looking forward to finding out how they excite the local community,' he added.

Among the more radical ideas proposed are Thomas Heatherwick's plans to build 'enormous grow bags' as part of an 'interlinked system of large objects'.

The successful design team will be announced in June. The winner will draft a final design and undertake additional consultation.

Richard Waite

Above: the shortlisted design
by Dutch architect West 8.
Below: EDAW's scheme
incorporates a semi-sunken café
and a bubble fountain



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Future of Victoria Baths in doubt

It is still unclear when the project to renovate Manchester's Victoria Baths, the winning building on 2003's wildly successful *Restoration* television programme, will get under way.

The scheme to save the Turkish baths – which is being worked up by Austin-Smith:Lord's Manchester office – remains beset with unanswered questions over the extent of work required and the pool of money available. Project bosses cannot give a date when any significant work will begin on site.

One of the chief problems is that the estimated cost of renovating the entire baths complex

stands at over £18 million, while the resources earmarked for the scheme from the television success were just £3.5 million.

Austin-Smith:Lord conservation director Chris Pritchett said that there are still many significant problems to overcome.

'We have done a lot of investigative work on the building to find out what needs to be done and found that we think that the *Restoration* money would probably best be spent on making sure that the Turkish baths at the front of the building are safe.

'But this doesn't mean that they will be ready to be used, as it will cost more money than is

earmarked to get them ready for public use.

'There are a lot of decisions that still need to be made. For example, we need to find out whether local people will actually come to them – a business case needs to be made,' he added.

Pritchett also emphasised that, contrary to public perception, the *Restoration* cash was not sitting waiting to be used. 'All we have is an in-principle agreement that we can use the money. But we still have to make a Lottery application to get hold of it.

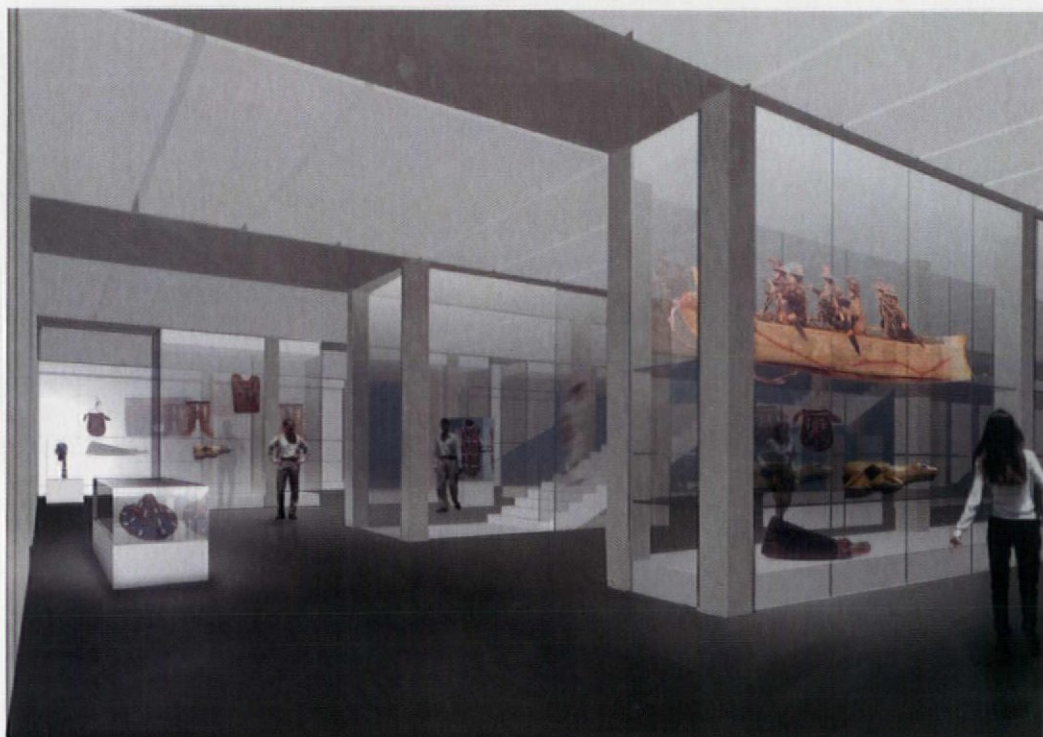
'It is conceivable that we could put in a bid for Lottery money and hear back within six

months, but we need to decide the extent of the work that we need to carry out first,' he said.

'It's extremely difficult at this stage to guess when and if the baths will ever reopen to the public – there are just so many variables,' Pritchett concluded.

The BBC's *Restoration* series features neglected historic buildings and invites viewers to vote on their favourite, which is promised money from the Heritage Lottery Fund. The Victoria Baths was the winner of the first series in August 2003. The BBC is believed to be planning to air a new series this summer.

Ed Dorrell



David Chipperfield Architects has revealed the latest renderings, including this first interior image, of its new Museum of History and Art in Anchorage, Alaska. Both the interior and exterior of the project have undergone a number of changes since the images of the competition-winning scheme were first unveiled in October last year (AJ 7.10.04). Part of a three-stage masterplan to create a new identity for the museum, the £40 million redevelopment will open up space for another 2,000 exhibits. The scheme also includes proposals for a new entrance, café, bookshop and an 'Imaginarium' – a 'discovery centre' for children.

Wrenn flies north in top job swap

The current director of the Royal Society of Architects in Wales is to take over Scotland's leading architectural body.

Mary Wrenn has been appointed as the new chief executive of the Royal Incorporation of Architects in Scotland (RIAS).

The decision was approved at the RIAS' annual general meeting last week. Wrenn has been in her position in Wales since 1993, and succeeds Sebastian Tombs in the Scottish job.

Speaking shortly after the announcement, Wrenn said: 'It's a great honour to be given this opportunity to take forward the significant achievements of the RIAS at such an exciting moment in its history.

'Sebastian Tombs is leaving behind a tremendous legacy of achievement – and a steep learning curve for me. I am very much looking forward to living and working in Scotland.'

Gordon Murray, the outgoing RIAS president, said: 'After a fruitful 10 years with Sebastian Tombs at the helm, the search for a new chief executive has provided an opportunity to not only enhance some of the initiatives under way, but also to change emphasis in approach.

'It is important that we broaden our membership base, particularly among younger architects. In addition, we must reinforce our working relationships with complementary organisations,' he added.

Glasgow appoints design guru to aid regeneration

Glasgow City Council has brought in a city design adviser to provide advice on its long-term regeneration projects.

Gerry Grams, who has been design director at Reid Architecture Scotland for the past five years, has taken over the new position of city design adviser to the council's chief executive.

Grams said: 'It is a senior

corporate role intended to help the council improve its design standards. The job ranges from the very small things to the larger masterplanning ideas.

'I'll take part in the chief executive's infrastructural groups and will be involved in the development of longer-term projects, such as Zaha Hadid's new waterfront museum, the new sports

arena and new transport system,' he added.

Grams will also provide input on other ongoing projects such as public-realm work.

It is the first time in 12 years that the council has had such a role. Grams has been researching the job with Ricardo Marini, the assistant to Edinburgh's city 'design champion', Terry Farrell.

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Murphy wins new embassy contract

Richard Murphy Architects has won another project from the Foreign and Commonwealth Office – this time for a new British Embassy building in Macedonia.

The practice has won plaudits for its previous embassy work, including the design for the British High Commission in the Sri Lankan capital of Colombo.

The new temporary embassy will be in the former Yugoslavian republic's capital of Skopje, and will house the British ambassador for the next five years.

Murphy, who won the competition after producing initial concepts for the scheme, will be working mainly on the interior of the building.

The Scottish practice won a limited competition for the Sri Lankan High Commission building in 2001, working alongside local firm Millroy Perera.

The project was a single-storey design arranged around small, intimate courtyards, inspired by the work of Geoffrey Bawa.

BCCB opens new outpost in Dubai

Architects and developers in Dubai have the opportunity to take advantage of services provided by the British Consultants and Construction Bureau.

The organisation – which aims to develop work opportunities abroad for construction consultants – has set up an office in the emirate.

The association has announced that it will be holding its first ever meeting in the mushrooming Persian Gulf country on 16 May.



Birmingham-based practice D5 Architects has revealed the first images of its £4.5 million overhaul of Stratford-upon-Avon College. The 1,600 m² scheme will create three new buildings, which will house the college's catering and performing-arts resources. The project will also replace parts of the college's existing structure on Alcester Road. The building is expected to open in early September 2006, and work will begin on site next month.

Profession encouraged by government reshuffle

Tony Blair demonstrated a renewed belief in the importance of architecture and design last week when he unveiled the full make-up of his new government, following his election win.

Observers have welcomed the ministerial line-up – including David Miliband's promotion to the cabinet as minister for communities and local government – as a sign that No 10 is determined to raise the profile of its housebuilding agenda.

Miliband was previously minister of state for schools at the Department for Education and Skills, and is known to be committed to good architecture.

Other significant government changes include:

- the promotion of rising Parliamentary star Yvette Cooper to planning and housing minister at the ODPM;
- the appointment of Chris Smith's former special adviser

James Purnell to a junior role at the Department for Culture, Media and Sport (DCMS);

- former planning minister Keith Hill's move to become the prime minister's parliamentary private secretary;
- former construction minister Nigel Griffiths' appointment as deputy leader of the House of Commons (his successor is yet to be named at the time of going to press); and
- the decision to change the name of the Department of Trade and Industry (DTI) to the Department for Productivity, Energy and Industry.

All the changes were praised by the RIBA as being positive for the built environment.

The institute's director of government relations, Steven Harding, told the AJ: 'This has been a really good reshuffle. We are especially excited about Miliband's position in the cabinet.

He brings a sophisticated understanding of the importance of good design with him. As minister for schools he really set about understanding architecture in things like the City Academies programme. This sophisticated knowledge will serve him very well in his new role, we believe.

'We are also very pleased about Yvette Cooper taking on Keith Hill's job,' he continued.

'She is high profile and was already at the ODPM, so there should be a good sense of continuity in the position.

'Another positive is the change of name at the DTI. We think it reflects that there will soon be a very important debate about energy,' Harding added.

Also unclear at the time of going to press was whether Lord Mackintosh would continue in his position at the DCMS as minister for architecture.

Ed Dorrell

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DUA Architecture has been given the thumbs-up for this cliff-top café at Highcliffe in Dorset. The scheme won Christchurch Borough Council's design competition, and will stand on the site of the original Crow's Nest Café. With room for around 100 diners, the £500,000 building will have a glazed seating area, timber columns and an exposed roof structure clad with cedar shingles. The café's shape was drawn from the headlands, 'which frame the views of the open sea'.

Honoured Mackay slams Foster

The world-renowned British architect David Mackay, who rose to fame by his masterplanning in Barcelona, has attacked designs by Norman Foster.

Mackay, of MBM Arquitectes in Catalonia, questioned the design of the entrance to Foster's London Swiss Re building while accepting an honorary fellowship to the Royal Incorporation of Architects in Scotland (RIAS) last Thursday (5 May).

Spanish resident Mackay said: 'I still believe in the Modern Movement in architecture: it's not a question of style, it's a question of attitude.'

'Any architect can get a model of a building right. But I'm interested in seeing how the building meets the ground or turns a corner,' he continued.

'We live in a different world now, where architecture pretends to be sculpture.'

'For example, Foster's Swiss Re building looks beautiful at night, but I wanted to see how it met the ground. And it didn't. It could have been anywhere in the square. The entrance into the building didn't need to be where it was – that wasn't suggested by the design.'

'Our discipline as architects

is to give form to the design. I wanted another dimension to the building when I walked through it,' he added.

Mackay was presented with the award by RIAS chief executive Sebastian Tombs in recognition of his work in Barcelona, including his involvement with the Olympic Village for the 1992 games.

Mackay's astonishing attack on Foster was further emphasised when he heaped praise on Britain's other architectural lord, Richard Rogers.

'It's the responsibility of architects to inform politicians,'

he said. 'Rogers has done the profession an excellent service in trying to make politicians realise their responsibilities with regard to the design of our cities.'

The RIAS 2005 annual convention 'Design Streams' took place over two days last week in the venues of Govan Old Parish Church and the Pearce Institute, Govan, Glasgow.

Other speakers at the event included Grosvenor director John Irvine, Andy Young of the Richard Rogers Partnership, Glasgow City Council's John Bury and Atkins' Peter Heath.

Rob Sharp

Turner Contemporary's sea trials 'dead in the water'

The Turner Contemporary centre in Margate has decided against building another structure to replace the metal obelisk washed away during storms in January (AJ 3.2.05).

The 6m-high prototype was being used to test steel finishes for the proposed £25 million arts centre by Snøhetta and Spence – to be built 8m off Margate Pier – when it was torn from its foundations in heavy seas.

Now it appears the gallery will try to press ahead with plans for the landmark arts complex without further sea trials.

Sandy Fleming, spokeswoman for Turner Contemporary, explained

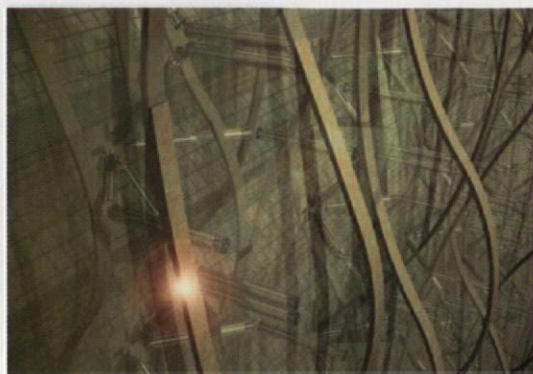
the decision: 'The point of the obelisk was for it to be in [the water] for a substantial amount of time,' she said. 'But there's no point now.'

The team still intends to float the steel building – shaped like a submarine's conning tower – into place by the end of next year, in time for the official opening in summer 2007.

A number of land-based tests are planned, including hanging several sheets of metal off the pier to examine paint finishes.

Meanwhile, the project leaders hope to name the team who will mastermind the off-site construction of the four-storey building within the next few days.

STUDENT SHOWCASE



Alan Morrissey, a diploma student at Oxford Brookes, produced this design for a new headquarters building called 'Interface', which reinvents the Institute of Patentees and Inventors at Westminster, London. He sought an architecture that could rationalise the variant behaviour of openness and secrecy.

Student Showcase is sponsored by Students' Union, a website set up by Union in association with The Architects' Journal at www.students-union.net. To submit work for publication in Student Showcase, email a publication-quality image to ajstudentshowcase@emap.com





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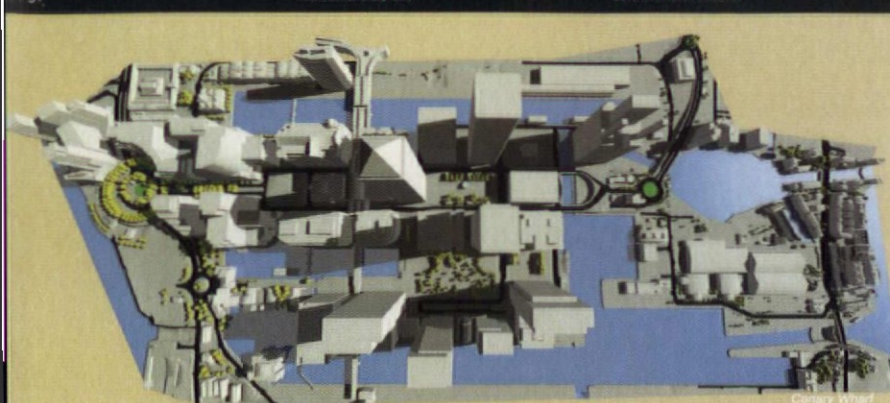
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Election 2005 – the aftermath

Following Labour's historic third-term election victory last week, the AJ quizzed some of architecture's leading lights to get their opinions on the impact of Tony Blair's win

'Archaos members have been generally underwhelmed by the election this time around. It was disappointing that architecture, planning and the built environment didn't feature more in the election. It was particularly worrying that so little debate was had on environmental issues and, in fact, that the Labour manifesto has next-to-nothing to say on this issue. However, the AJ interview with the shadow planning minister was enough to convince anyone that Keith Hill is comparatively a gift.'

Alex Maclaren of student group Archaos

'Planning legislation under Labour has promised a lot, but has failed in the delivery – how will they unblock the planning process in this third term? And, in view of the number of houses being built, is the government doing enough to promote design quality?'

Laurie Chetwood of Chetwood Associates

'I am delighted with the Labour win. This is good news for us as we specialise in urban regeneration and housing – areas where we know the Labour government will continue to focus a great deal of interest. But it remains to be seen whether the ODPM will survive in Blair's new government.'

John Assael, director of Assael Architecture

'A great result. The Labour manifesto was the most "architecture friendly" of the three main parties, and their reduced majority means they will have to listen more to the views of the public as well as their own back-benchers.'

David Stanford, managing director at Reid Architecture's London office

'I marched against the war in Iraq, something I have never done before, and I was gutted when Parliament was duped into wasting lives and money to protect US oil interests. I think that party politics seem increasingly irrelevant, with all the major parties being so close together in their manifestos (how could you agree with everything in any of them?), but voting, and voting in person, is very important to me. Come to think of it, the best thing politicians could do for us is to take a year off and stop making new laws for a while. At least we would save a few trees.'

Terry Brown, partner, GMW Architects

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Model illustrated Saab 9.3 Aero – on the road p

'In Scotland, many of the election issues, such as health, education, transport, and housing, were largely irrelevant, as these matters are devolved to the Scottish Parliament. The protest vote against Labour, and the failure of the Conservatives to make any progress, sets the scene for an interesting two years leading up to the next Scottish Parliament election in 2007.'

Andrew Pinkerton, director of Scottish practice Keppie Design

'The level of investment in the built environment under a Labour government has been in marked contrast to the Conservatives of a decade ago. A Labour victory will continue to help feed the pipeline of work, even if the profession is not always happy about the way that pipeline works. One hopes that the government will press on urgently with Crossrail and other major infrastructure projects, which are essential to service the new developments taking place in the capital.'

Peter Murray, curator of New London Architecture and chairman of Wordsearch

'As Labour takes the built environment more seriously than other parties, it's a good result. But this time they have to deliver on their promises on architecture and design.'

Rowan Moore, director of The Architecture Foundation

'Our practice specialises in designing healthcare and education facilities, as well as policy research and masterplanning of urban regeneration schemes, all of which Labour has supported quite heavily in the past. Also, with our emerging strength as leaders in sustainable planning and ecologically responsive design, we expect this to be very high on the government's agenda, which will not only be good for us, but also for society.'

Richard Nelson, business development director, Llewelyn Davies

'It could have been a worse result. I'm going to be charging back in there with the new ministers and writing to every single MP with a fresh copy of the manifesto, asking them all to be intolerant of spending public money on anything other than good design. In the inimitable words of Mrs Thatcher, we can do business.'

George Ferguson, president of the RIBA



Saab 93

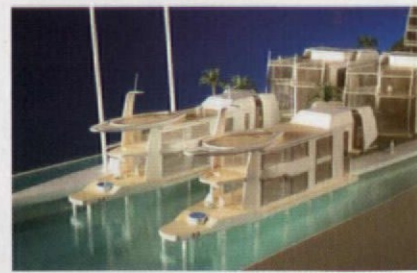
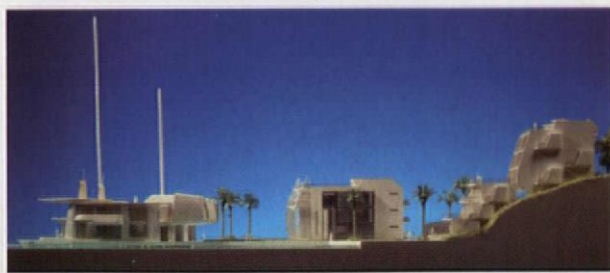


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Hywel Evans has designed a new marina development for Grenada's yachting community



ISLAND SCHEME SAILS ONWARD

Richard Hywel Evans Architecture has drawn up these proposals for a new development on the Caribbean island of Grenada.

The scheme – for a private developer – aims to redevelop an area on the south end of the island aimed at the British and American yachting community. The design, which will be built on an area of land that currently functions as a marina, will allow yachts to dock and take advantage of the new facilities.

The project will redevelop a site of 14,361m² to provide a total of 70 residential units and accommodation comprising 223 bedrooms on the site. Also planned is a yacht club, with a restaurant and bar and two

retail units, all designed to cater for the house owners, tenants and visiting yachts.

Both Hywel Evans and his developer have vowed to only begin construction on the site when exhaustive testing has been completed to ensure the development has a minimum impact on the environment and biodiversity of the surrounding area.

The have also agreed to build a new road, develop a landscaping programme and help fund associated infrastructure as a way of complementing the scheme.

Ed Dorrell

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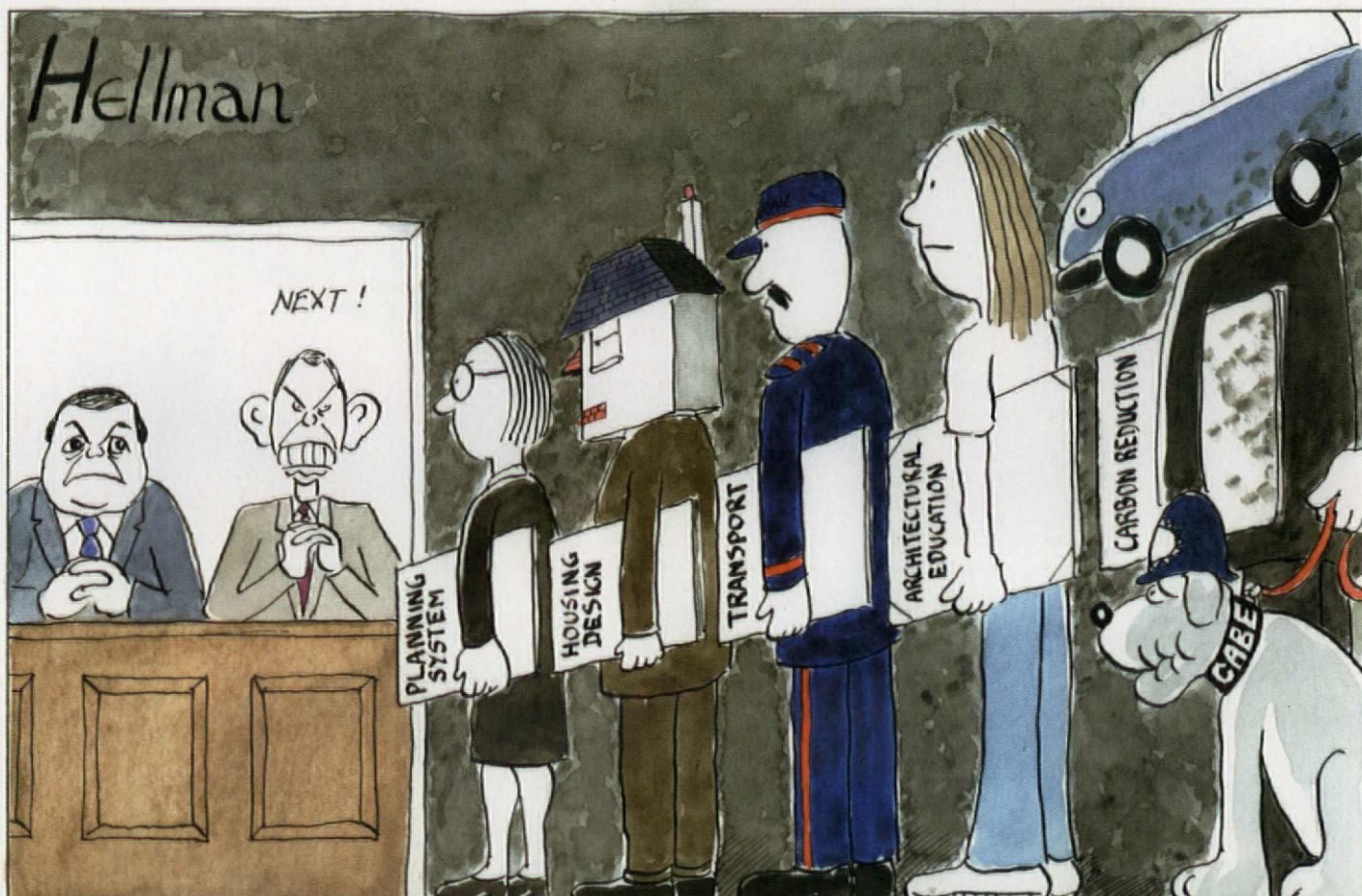
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who said what

'Like an old-fashioned blancmange, simply turned out of the mould – or perhaps like some huge aged toad'

Sandy Nairne picks the Methodist Central Hall, Westminster, as his architectural 'blunder'.
Guardian, 9.5.05

'I reject the idea that it is a celebration of a great new cultural change. The Turbine Hall is a bit like a shoddy provincial arts centre – too much that is paltry, second-rate and empty'

Matthew Collings on five years of Tate Modern.
Independent, 9.5.05

'If you can't wade in it, the whole purpose is killed. You can't be half a virgin and you can't be half a wading pool. And if it's not a wading pool, they should simply grass it over and call it Diana's Folly'

Charles Jencks on the reopened Diana Memorial Fountain.
Independent, 4.5.05

'CABE somehow failed to state the bleeding obvious – that the tower has the grace of a can of deodorant'

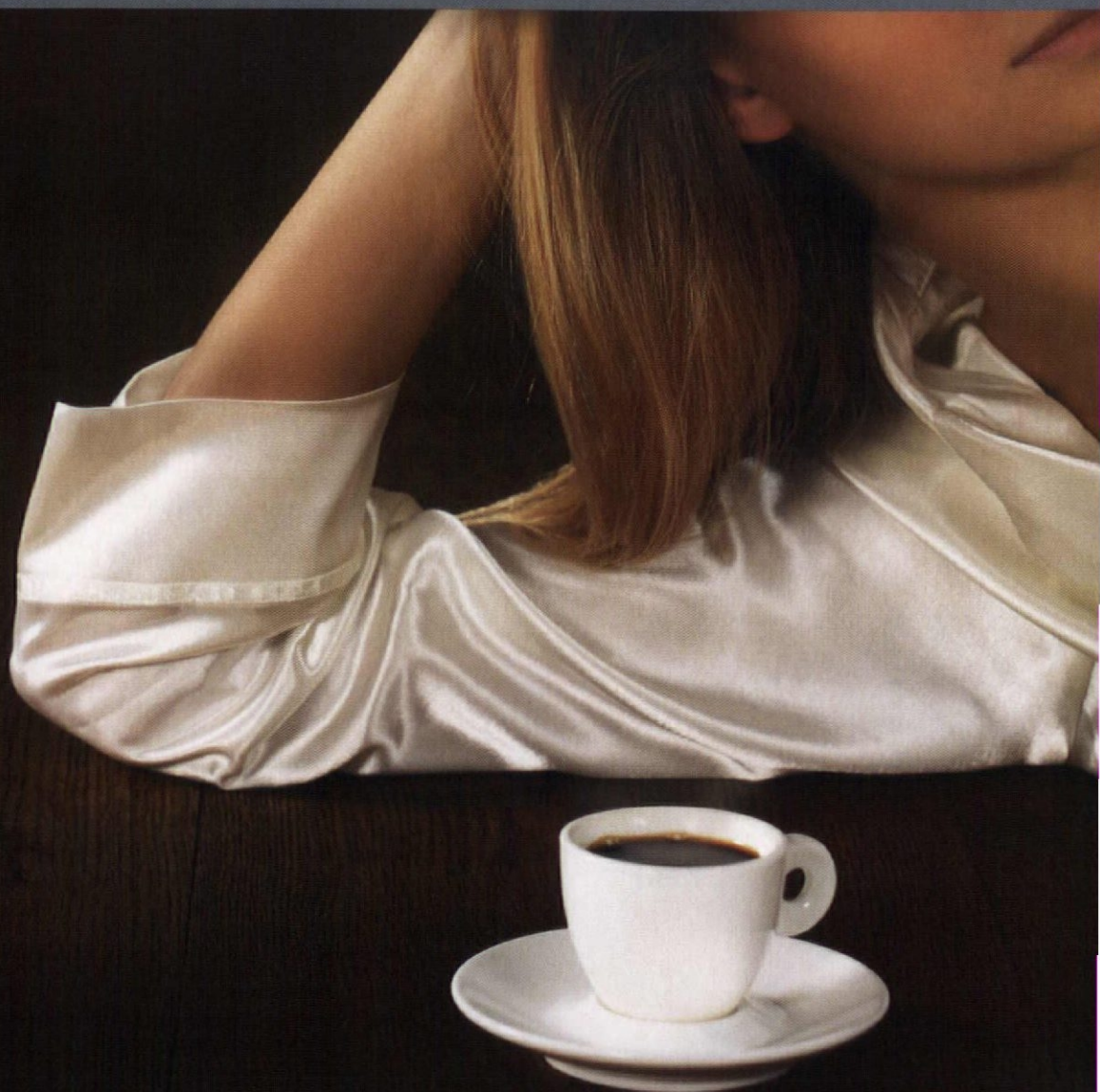
Rowan Moore on Broadway Malyan's proposed Vauxhall Tower.
Evening Standard, 3.5.05

vital statistics

- As part of its 'street clutter challenge' – which aims to clear rubbish from rural roads – the Campaign to Protect Rural England wrote to local authorities, urging them to remove unnecessary signs. Only two of the 79 councils signed up.
- Transactions of properties worth between £10,000 and £200,000 were a third lower in the first quarter of this year compared with a year earlier, according to new data from the Land Registry.
- UK financial institutions invested £60.9 billion last year, according to the National Statistics Office, to make money for shareholders. It claims this encourages short-term strategies at the expense of what might be more sensible in the long term.
- Transport for London (TfL) has announced that the congestion charge will end half an hour earlier, in response to complaints from businesses. The 6.30pm cut-off for the £5-a-day charge will be brought forward to 6pm, costing TfL between £6 million and £12 million a year.

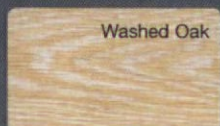
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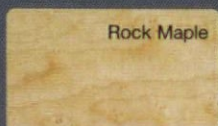


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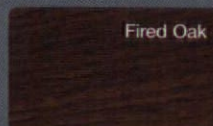
Rock Maple



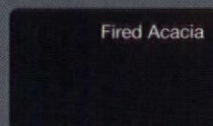
Fine Oak



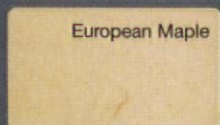
Forest Oak



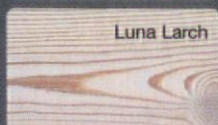
Fired Oak



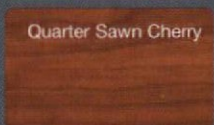
Fired Acacia



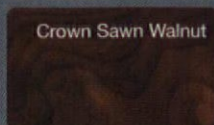
European Maple



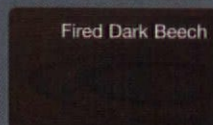
Luna Larch



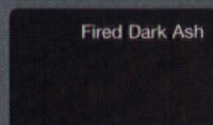
Quarter Sawn Cherry



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THE AMIABLE ACHIEVER

As BDP came out top of the AJ100 once again this year, it seemed an ideal opportunity to catch up with the firm's chairman, Nick Terry.

Ruth Slavid talks to the nice man in the dark suit



Go to an event in BDP's still relatively new Clerkenwell offices, or indeed to many other architectural events around town, and you may well find yourself speaking to a very pleasant, unassuming man in a dark suit. That man is Nick Terry, the chairman of BDP, who is specky, slim, very slightly nerdy and just, well, just so nice. That is a word my mother tried to teach me never to use, but it seems more apposite than any when describing Terry. And with that comes the mystery. How did somebody who is so nice come to be heading a practice that for several years has comfortably been the largest in the UK?

He is a great contrast to his predecessor Richard Saxon, a man of enormous presence. It is no secret that Terry became rather annoyed – though, of course, being such a nice man, he used others to express that annoyance on his behalf – by the fact that for some time after he took over in July 2002 from Saxon, who is shortly to retire as marketing director at BDP, people still referred to Saxon as chairman.

But maybe Saxon was the aberration. Ever since its foundation by George Grenfell Baines in 1961, BDP has been a determinedly anti-personality practice. That is what has allowed it to keep going for so long, when more individualistic practices have run out of steam. And, if Terry does not impose his presence, that does not mean he is devoid of ideas. Look at his history, and you will see a trajectory that must have involved not just talent and intelligence, but also grit and determination.

Terry is a very particular type of BDP person, one who started his career in the practice and will probably finish it there – but has done plenty of other things in-between. He qualified in 1972 and both he and his wife, who is also an architect, joined the practice. They won the competition for Durham Milburngate, built using a new Bovis method

of procurement – a forerunner of all today's new construction methods.

But Terry was frustrated by the stagnant economy and the three-day week prime minister Ted Heath imposed in the winter of 1974, so he and his wife took off to the west coast of Canada, 'where I reckon I condensed 12 years' practice into three years'. He came back to the UK just as the American invasion of the early 1980s was starting, working for Heery, where he headed the architectural practice doing then-revolutionary shell and core work.

Back to the fold

While he benefited from his American experience, he also had the essential knowledge of British architecture: 'The UK had a design ethos of carrying the structure through, where the US had wallpaper,' Terry explains. He rejoined BDP in 1990 to head up one of the three architecture teams prior to his election as chairman. Terry also ran the BDP-Dixon Jones collaboration that built the Royal Opera House in London.

BDP makes a clear distinction between the roles of chairman and chief executive. The chief executive runs the business day-to-day, while the chairman's role is to look to the future and steer the overall direction. One of Saxon's strengths was recognising the huge growth potential of the health market, a strategy from which BDP is still reaping benefits. Health has risen in five years from representing 2 per cent of turnover to 25 to 30 per cent. So what are Terry's insights?

'I'm very interested in our urban agenda,' he says, and indeed a vast amount of the practice's work involves masterplanning around the world, often including the design of some key buildings as the project progresses.

'We are trying to respond to environments,' he says, 'not to be directional in a formal sense – we want very much to work from the inside out.' This lines up well with his history of working on very large projects.

Another key interest is in the use of technology to enable projects. In 2002 Terry was also elected as the chairman of the International Association for Interoperability (IAI), the organisation tasked with bringing in real cooperation, single building models and suchlike – all those things that have been so long promised and so slow to arrive.

Terry is evangelistic. 'The missing thing in the Egan and Latham agendas,' he says, 'was what would be the enabling technology. The answer is computer integration.'

BDP doesn't have a bad record in terms of architectural quality. Some of its projects have won prizes, and the poorest are at the very least adequate. But more can be done.

'There is a strategy for us to compete with the signature architects who can go into any building type,' explains Terry. 'We are trying to develop people who know their entire client base nationally or internationally. That is working increasingly successfully. We have to take the dead hand of the organisation off the talent that is there.'

Terry envisages more architects following his own route – starting in the practice, leaving for a while, and then coming back. 'I think it has been absolutely good for me that I haven't been in BDP all my working life.' For the right people BDP is certainly attractive. They can get a wide range of experience, develop expertise and run big jobs, all in an atmosphere that is determinedly collegiate rather than dog-eat-dog.

As well as the future of the practice, Terry has his own future to consider. He is 58 this year and, like all BDP staff, has to retire at 62-and-a-half – unless employment law forces a change. He doesn't have many hobbies. 'Architecture as an occupation has been all-consuming,' he says. But he is intelligent enough and interested enough in the world that one need not doubt that he will be involved and active all his life – ever so nicely, of course.



Radical change or mud-slinging: what will No 10 give us now?

So then, it's come and gone in a blink of an eye. What's come and gone? The sad thing is that by the time most people read this, the vast majority of Britain's population will hardly remember the dramatic events of the election. This despite it being less than a week since 'our great leader' was handed the keys to No 10 Downing Street for a record third time.

But please do watch this space. Watch the way this historic third Labour government pans out; for it can seemingly go one of two ways when it comes to the issues that should matter most to those that hold the future of the UK's built environment dear.

Remember John Major. If you're scratching your head, he was the 'grey' Tory that filled the seven-year gap between the Iron Lady and Blair. After his 1992 election victory he was in a rut and the country stagnated. The reason? Because his majority, although considered workable, was tiny. Blair's post-5 May majority is nothing like as small, but he could find himself in a something of a predicament because his back-benchers are rebellious and their collective temper is worsening.

Why should this matter to architects and architecture? The simple fact is that John Prescott's plans to solve the housing problem, in both the north and south of England, are among the government's most radical. Whether you're concerned about wholesale housing stock demolition (*see page 5*) or the massive housebuilding programme in London's hinterland (*see page 12*), these are serious issues for a serious government.

It's all well and good being radical, as long as the reforms are given the time, patience and commitment needed to push through thoughtful change. It's quite another thing to randomly throw mud at a wall until some of it sticks, in a desperate bid to get something – *anything* – done. What the country doesn't need is some half-way house, pushed through by an administration that is more interested in fighting off attacks from the sniping back-benchers and interest groups that are growing ever more powerful. What it really needs is a strong government making brave decisions over issues that have, until relatively recently, been ignored. Let's hope we get one.

Ed Dorrell

No need to go abroad to find pastiche

Thank you for telling us about the destruction and pastiche in Moscow – not a million miles away from the Crown Estate destroying Victorian windows 'by mistake' at 104 Gore Road, London E9 and replacing them with modern pastiche double-glazed units ('Window blunder plan for conservation area', AJ 5.5.05).

Is it not bizarre that the head of planning for Hackney council, Sue Foster, should have sanctioned this 'mistake' to a single property with belated planning permission, asserting her confident belief that she has made the 'correct' decision on behalf of the council?

Is it possible that Ms Foster is unaware of the precedent she has inadvertently planted, which will progressively destroy the remaining 1,000 Victorian windows with all their variety in 67 other properties along Gore Road?

This total replacement of windows is not to be confused with the low-key conservation of original fabric advised by English Heritage and government guidelines, and which is the usual *modus operandi* of the Crown Estate.

Total replacement undermines the essential quality and truthfulness of the Victorian houses that the Conservation Area was set up, by, yes, Hackney council, to protect and defend.

Is a 'correct mistake' really the best way to look after the Victorian houses in Gore Road?

Bruce Rowling, Hackney, London E9

Is architecture a closed book to newcomers?

Picture yourself as a client building a new house. You've never done it before. You're a bit anxious about the whole process, but you've seen enough episodes of *Grand Designs* to know that

the right way to go about it is to employ an architect.

So you go to the local library and pick up a copy of the AJ, just to get a flavour of what to expect. And on the front cover you find a picture of an empty room with plastic walls and piles of rubbish and dust on the floor. Instead of walking away confused – after all, you are an enlightened client – you decide to read the architect's account. And so you learn about twonesses and onenesses, land-wall terraces and positively charged voids.

Don't get me wrong, I admire Florian Beigel a lot, and clearly remember an inspiring lecture he gave 10 years ago or more.

But need we look any further to understand why our profession seems cloaked in mystery to the general public/our clients?

Bobby Open, Cambridge

Please stop muddling our monikers

I write with regard to the ever-changing feast that is Constructing Excellence, was Rethinking Construction, was Egan Mark II, was Latham's Constructing Team, etc.

If we hope that the majority of industry will get on board, can we please stop changing the name of the crusade/initiative to suit the names of the sponsor or funder.

I can think of no other industry sector or sensible recommendation from a marketing text book that would suggest continually changing the name of something (the brand) which we want everybody to join in.

It is difficult enough in such a fragmented construction industry to keep up with all that is going on without confusing everyone by apparently changing the emphasis every few years.

We at the Institution of Structural Engineers are very committed to Construction Excellence, but it is difficult

Interpretive architecture is misunderstood

How familiar it is to see the issue of narrative environments entirely overlooked through the process of architectural critique. The review of FOA's Spanish Pavilion at the Japanese Expo (AJ 28.4.05) merely continues the misconception that World Expositions are simply about the wrappers, even complaining that sustainable needs (recyclable sheds) enforce mere clip-on solutions. We are told in consequence that expos are dead and buried. While I may well agree with this proposition, I despair that the expo phenomenon is primarily perceived as 'unmissable showcases that exhibit emerging architectural tendencies'. All too often the importance of any intellectual narrative within the pavilions is sidelined. It is rarely of any consequence that spectacular structures contain dull, unimaginative exhibits and media.

Our concept for the UK pavilion will attract no reviews as it has spent its modest budget on art, ecology and communication media, as a direct response to the organiser's theme. The tin shed is left intentionally untouched, with the ultimate objective of encouraging visitors to value the contribution of the natural world in the development of science and technology. A book and website (my-earth.org.uk) continue the communication process even beyond the site.

Indeed, the failure to understand the importance and complexity of 'interpretive architecture' stares us in the face here in the UK, where generous lottery funding in the cultural sector sometimes delivers landmark buildings that have no sympathy with internal functionality, visitor experience or financial sustainability.

Peter Higgins, Land Design Studio, Kew



for HQ to connect with the membership if the name of the crusade keeps changing.

It was unfortunate that the Construction Best Practice Programme ceased as we know it, since in my view this most clearly captured the essence of what all of the above stands for.

So let us stick to 'marketing' best practice and not keep changing that which we are marketing, and let's just call it Best Practice.

Simon Pole, Pole Associates, London

Dazed and confused over sustainability

I am a subscriber and regular reader of the AJ. For a number of years a lot of articles have contained the word 'sustainable'. Could someone define the word when is it used?

I get very confused over the house-price market in London not being sustainable...

house-price increases not being sustainable... sustainable urban generation... 'sustainability body backs manifesto'.

What is sustainable? Six months, one year, five years, 10 years, or forever? Or does it mean something else? I love the magazine, though.

Mike Hoskins, Gardner and Newton

Architecture schools major in ivory towers

Thanks to Astragal for observing the confusion at the heart of the 'does London need more office space?' debate at Bene (AJ 5.5.05). I was irked about this, as I was quoting from a good source (the EGI London Office Database) in claiming that 4.6 million sq m is available – available in the sense that around 200,000m² of this large total is not yet built, but has consent. So if you want it, you can in fact have it in a couple of years' time.

As for Astragal's valid closing question 'why was all this dross built in the first place?' I would substitute 'who designed all this dross in the first place?' I bet if it's designed well, it's occupied.

Sadly my experience of architecture schools is that they steer almost entirely clear of anything to do with commercial architecture, choosing instead to fantasise about ivory towers and confirm developers' prejudices.

PS. I see in his latest column that Simon Allford is getting positively presidential about what the RIBA should be doing with itself. May I be the first to put some money on him being RIBA president (and a very good one) some time soon? He's not bothered with this protectionist tosh over title, because people buy what he sells, not the meaningless, bourgeois letters after his name. Death to the ARB!

Lee Mallett, Regeneration & Communication, London N7

Let debate not whinges fill the AJ post bag

Whenever I look at the letters page of the AJ, I'm struck by how much space is devoted to insitutional in-fighting (the ARB, RIBA etc), and to general whingeing, and how little of it relates to questions of design.

I would have thought that your building studies – good, bad or indifferent – give plenty of scope for comment and intelligent debate.

Do you choose not to publish such letters or do you just not receive them? They would certainly make a change.

Don Livingston, Kettering, Northamptonshire

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



Taking calculated risks is all part of the entertainment

There are so many health warnings marking daily life that it is tempting to imagine what hazards might be drawn to the attention of the practising architect weighing up the mores of contract. Perhaps my old friend David Harper overstated it when he advised that he woke every morning to stare down the double-barrelled shotgun of potential disaster, but you can kind of see his point.

So, to beware is important, even, I would suggest, creative. Indeed, the sooner we point out that making architecture is about taking calculated risks, the sooner others will recognise the value of the risk-takers.

The problem, of course, is that too often we are gambling with other people's money, so our importance and our value become confused – particularly by ourselves. In that sense, we are not unlike the tipsters who sell a service on the basis of a track record with winners outnumbering losers; the only real comeback is a shrinking client base. Perhaps we should take on more of the risk?

Nowhere is this idea of risk, commodity and value more evident than the world of contract. We make drawings, we get advice from QSs and then client and design team sit down and decide where to place their bets. Approximate quantities are the norm, although Full Bills look like making a comeback. This is a game in which the cost of time spent producing information is to be offset against the start-on-site and completion dates.

Then there is the world of First and Second Stage. This game is declining in popularity as no one is really sure whether enough is gained at the second stage: the marriage has been planned, the invitations are out and both parties are inevitably reluctant to risk the embarrassment and cost of calling things off.

The first real alternative to the traditional models is partnering, which is great if you have a continuous flow of related projects

and you can really trust each other. It works best if both parties have a stake in the success.

Then there is Design and Build. This sounds very much like the first arrangement listed above, but only because the title is misleading – there is rarely enough design, and the considerations of build take over. It is about laying off your bets. You know it's expensive and you're not really engaging with the thrill of construction, but when risk is a problem, it appears to make a lot of sense.

Architectural risk is often closely associated with contractual risk, though not always with good reason. Indeed, the more constructional innovations you pursue, the more contractually solid your team needs to be. The problem in that situation is that the creative culture too often overwhelms ideas of competence, and clients are not always fully briefed on their exposure. The solution is to form your own design and development organisation and make money across the board. Attractive as this can appear when you are operating on the outside for fees, it remains rare. It's like owning the horse, jockey, race and course. It will be profitable initially, but soon fail, as it lacks the essence of theatre that is a key component in the daily game of architecture. It would create a dead sport that would fail to attract the characters whose successes and failures make the whole business so entertaining: it is called Eganism.

So, notwithstanding contractual needs, we are all ultimately in the entertainment business: not one where you plough headstrong and headlong into an avalanche of good reason, but where you take calculated risks to ensure you entertain the other players and the audience.

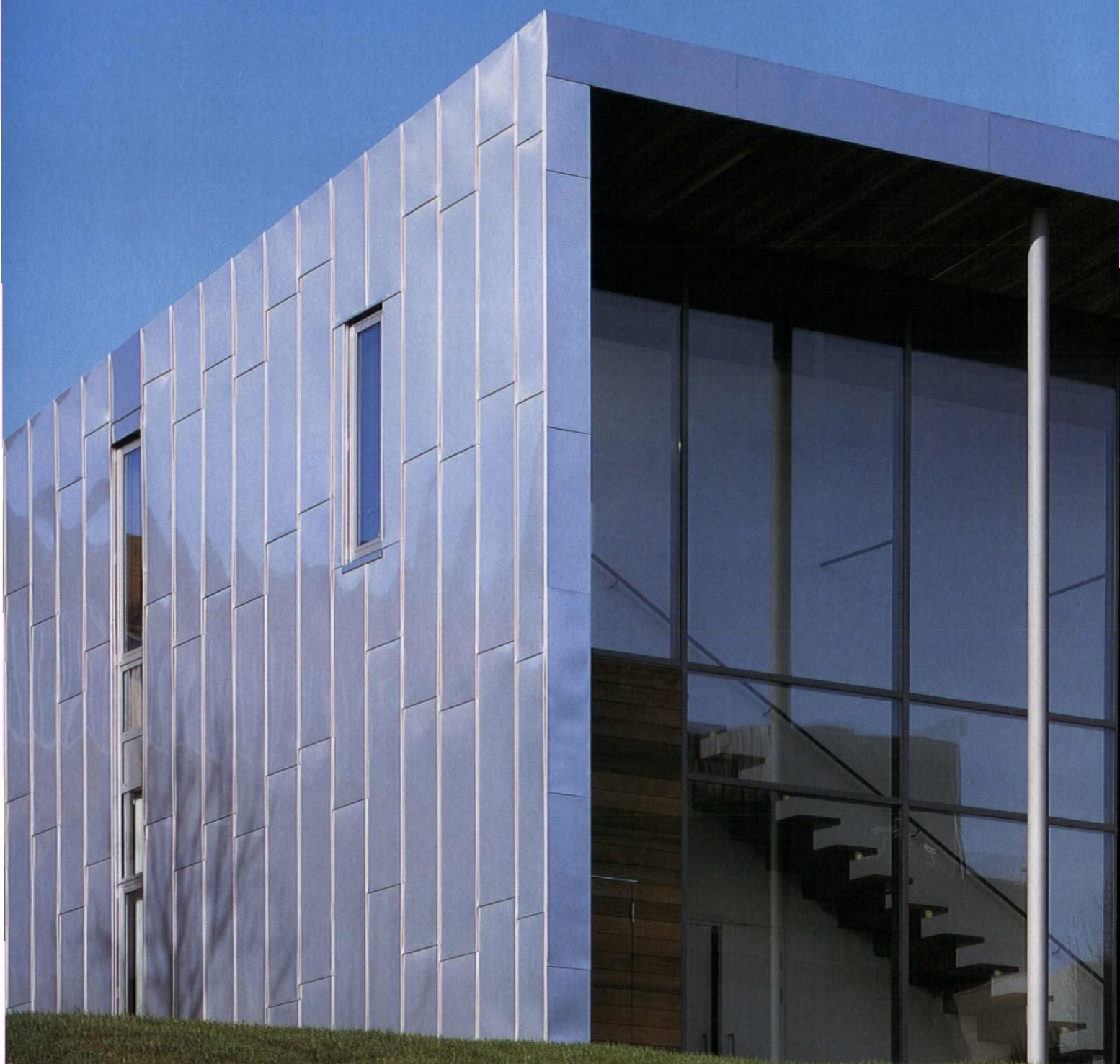
Real architectural invention entertains more intelligently than ever before, but only for as long as you continue to promise real pleasure for others as well as yourself.

'The problem is that too often we are gambling with other people's money, so our importance and our value become confused'

Squire and Partners was photographed by Tim Soar at 1.03pm on 24 August 2004 in King's Cross, London

'Where we are sitting was once a basement car park smelling of oil and full of darkness. We were hoping to bring our work to the light, which at Squire and Partners is a process of dialogue and discussion; essential generators in the design of our offices. On this particular day we were reviewing our designs for a project in Deptford which adjoins the Laban Centre. Much of our work is concerned with regeneration, and our office, and its adjoining bar at 6 St Chad's Place, shows how relatively small interventions can radically change the atmosphere and quality of life in the larger context.'



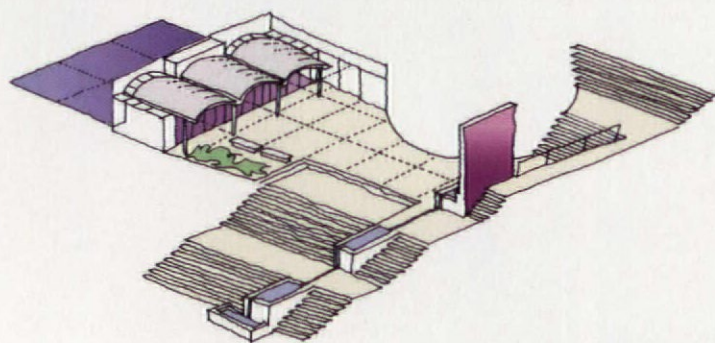


MAKING AN ENTRANCE

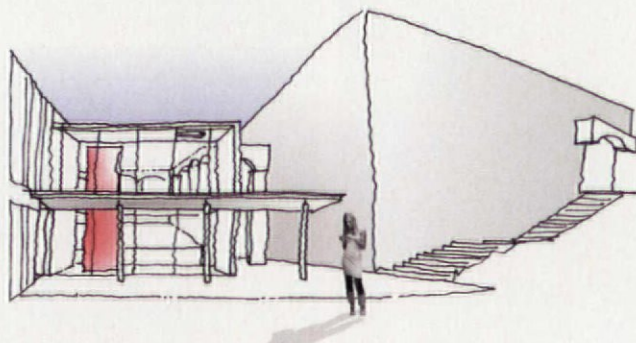
Sussex University is to be condensed into five schools, and each will be given a new entrance by John Pardey Architects

By Barrie Evans. Photographs by James Morris





SCIENCE AND TECHNOLOGY



HUMANITIES



- KEY**
- Sussex Institute
 - Social sciences and cultural studies
 - Humanities
 - Science and technology
 - Pevensy building
 - Life sciences

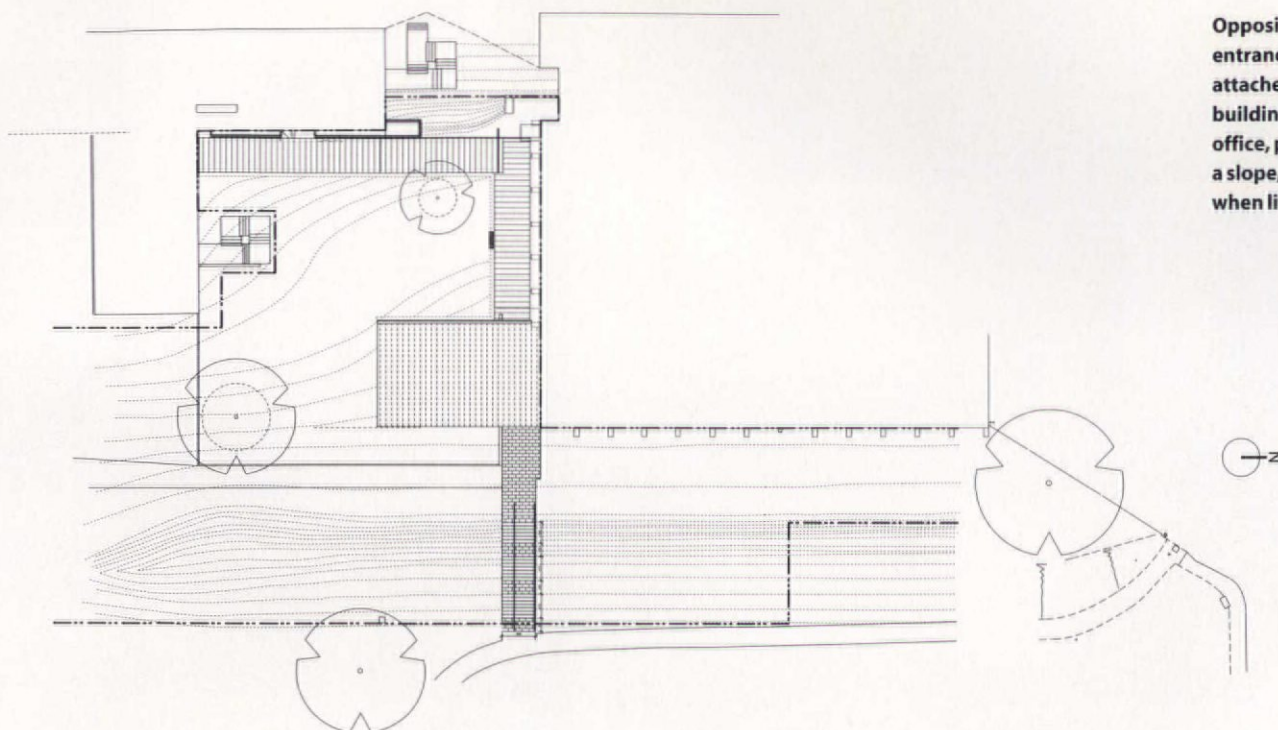
As a student, John Pardey was sent to Coventry, in both senses of the term. He discovered Coventry Cathedral, which became a favourite building. He confessed to tutors this heresy and for some of them he became an outcast, beyond the accepted Modernist canon of the time. Later, having left working as an architect in cities and set up a practice in his beloved New Forest, he was to renovate and extend Basil Spence's home of 1961 at Beaulieu (AJ 28.9.00). A response to site and existing building, a formality of symmetry and contradiction, and a quiet but intense expression of materials are all continuing themes of this and later Pardey houses, such as Sellers House (AJ 28.8.03) and Duckett House (AJ 22.7.04).

The project for the University of Sussex, at Falmer, above Brighton, continues several

of these threads, and is centred on the campus laid out by Spence in the 1960s, one of the most Ivy League of British campuses. Pardey's project involves a set of domestic-scale pavilions that must complement Spence yet be architecturally distinct.

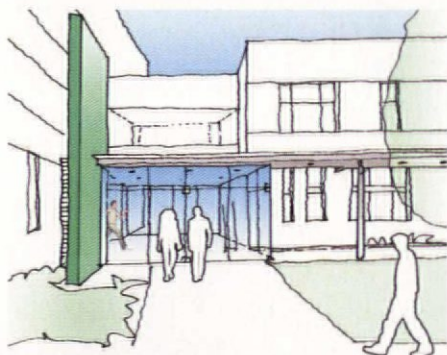
The campus has the largest collection of listed Modern buildings in Britain, all by Spence; this was a high point and the post-Spence buildings do not share the original strength of character, though many are by Spence's office. Some are more disappointing than others.

In taking on this project in 2002, John Pardey Architects stepped into an education world where agendas were changing, where the recently appointed estates manager came from a background of cost-minimising D&B, whereas the academic leadership was coming

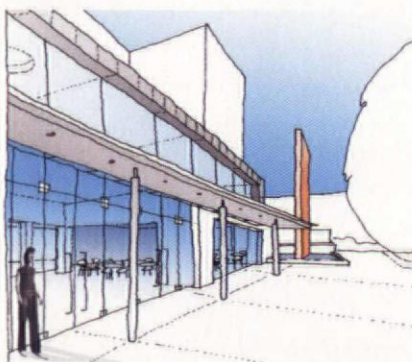


Sussex Institute site plan

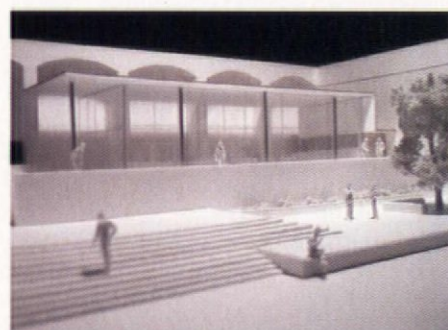
Opposite: the new entrance pavilion attached to the building by Spence's office, prominent on a slope, especially when lit at night



LIFE SCIENCES



SOCIAL SCIENCES AND CULTURAL STUDIES



PEVENSEY BUILDING

to value the campus' built form and to see it as an important way of attracting staff and students. After some falling out, the architect has been dealing directly with the dean of the first building school, the Sussex Institute.

The bigger picture, part of the university's repositioning itself on the world stage, has been to consolidate from 22 departments into five schools and, as part of that, to provide each with a new entrance on this dispersed campus; a focus for visitors, students, potential students and other information-seekers. Rationalising the campus' proliferation of cafés is a related ambition. Currently, most departments have their own receptions, often ad hoc and unsympathetic insertions of desks or pods with an accumulated clutter of signage, notice boards, vending machines and oddments of furniture.

Pardey won the commission to design the five school entrances plus a café/social/exhibition space in the courtyard of the Pevensey building. This latter and two of the buildings that are to have new entrances are Spence's own, listed Grade II*. The programme of constructing the six buildings has slowed for financial reasons; the Sussex Institute is now completed, others are expected to be restarted later in this financial year.

Here, Pardey sees Spence as being very much influenced by Corbusier's Maisons Jaoul and by Kahn in the massing and solidity of concrete-framed masonry and the vaulted ceilings. The architect has developed a language for the new entrances, respectful yet distinct from Spence, that will be able to be read also as a set of nodes across the campus in its own right, part of the university's

emerging 'brand'. The architect's formality produces a rhythmic continuity, yet contrasts lightness with what Pardey describes as Spence's 'heavy, monumental, earthbound language'. Indeed, one of CABE's reactions to these floating interventions was their potential reversibility, something that neither the client nor architect had considered. The architect's language of lightness is of metal and glass, with roofs folding into walls, in part floating, supported by detached slender steel columns, accompanied in some cases by canopied entrances and routes, and sheer glazed walls with solid ventilation panels.

For the Sussex Institute (a postgraduate school), the entrance pavilion sits at one end of a Spence office building, at an existing end-entrance that has itself been opened up to improve connection. An aluminium-



clad folded plane wraps the roof and wall, stopping short of the ground with a band of glazing, preserving lightness (see *Working Detail*, p36-37). Very slender columns to an overhang on the main approach side create a portico effect to the glazed wall behind, where the symmetry is then broken with a two-storey entrance to the right (with a first-floor bridge), and to the left an opaque wall with sculptural cantilevered stair to the first-floor offices of the dean and his PA. This wall is lit pink at night; each school has its own colour, which extends to stationery and other 'corporate' items. Night-time appearance was a key design issue, as the entrances are open 24 hours a day. This entrance in particular has an elevated position, making it a beacon on the campus.

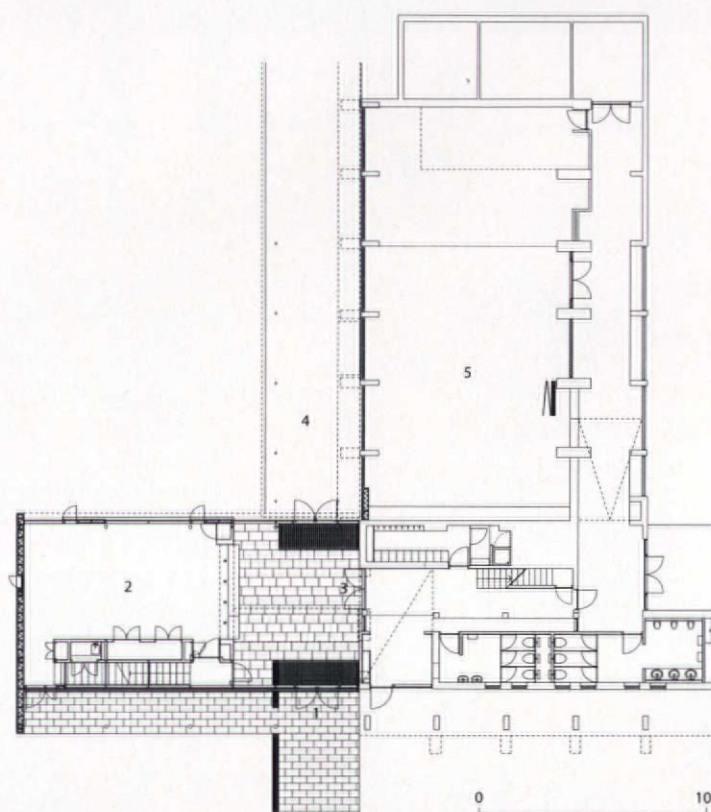
The new pavilion ties into the Spence language, particularly with the slatted timber to the soffit and end-wall lining, the exposing of the end wall of the existing building within the entrance and a fin wall of appropriately boardmarked concrete slicing through the glazed facade. (Cedar has become common today; the cedar precedent here is the listed buildings and indeed Spence's own 1961 house.) Detailing is simple but refined; after arguments, money was spent on a stone floor – a small area but an element that helps set the tone of quality.

On the other side of the entrance pavilion is a softer, boarded facade. From this a new covered way fronts two existing buildings at right angles, which combine with the entrance building to create a courtyard. Immediately

inside the nearer of these two existing buildings, opening onto the courtyard, is a refurbished and enlarged café, helping to make this location a focus for the school.

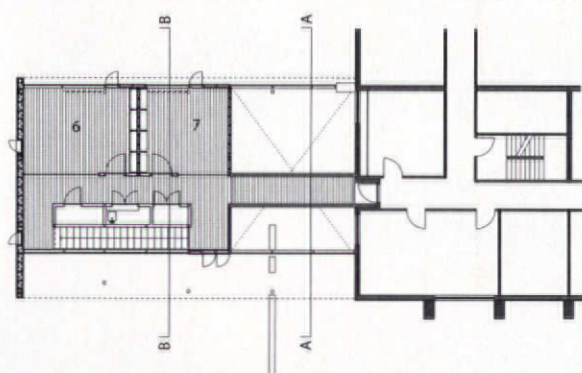
Pardey is not totally seduced by Spence; certainly appreciative of Spence's poetic approach, Pardey's Modernist education goes deep enough for him to draw attention to Spence's massive brick piers as we walk around the campus, pointing out that the monumental aesthetic statement is, structurally, only a cover to a concrete frame. Spence's monumentality is not oppressive, scattered as it is across the open parkland setting, but nor is it particularly welcoming. That is something Pardey has achieved for the Sussex Institute and looks set to do for the other university schools.

Far left: reception desk and admin office. Top left: from the existing building, looking across the bridge to offices on the right. Bottom left: the dean's office

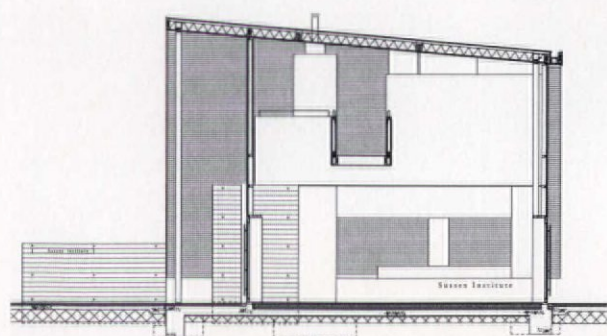


ground-floor plan

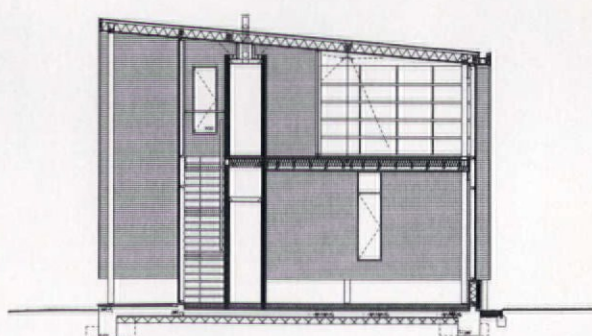
- KEY**
- 1 entrance
 - 2 reception office
 - 3 entrance to existing building
 - 4 new walkway
 - 5 refurbished café
 - 6 dean's office
 - 7 PA's office



first-floor plan



section aa



section bb

Below: the view from the new courtyard.
Bottom left: stair for the dean and PA.
Bottom middle: the concrete fin echoes Spence. Bottom right: the wrapping roof/ wall stops short of the ground





STRUCTURE

The driving principle for the design of the structure has always been lightness and slenderness, to contrast with the mass of the original Spence buildings and to help define the new interventions. Each school's entrance building has its own arrangement and programme, requiring different structural layouts. To achieve an economy of means, and to develop a common language for the project, a kit of parts has been devised; slender columns pulled away from walls, free-spanning curtain walls, flat metal-clad roofs folding into walls, and free-standing canopies.

The primary structural material used throughout is steel, with infill timber joists forming the secondary structures within floors, walls, and roofs. Detailing of the frames has been kept deliberately simple, allowing fabrication and erection to proceed economically within the tight programmes imposed by university terms. Given the proximity of the new entrances to the existing teaching buildings, site access and noise were major constraints on the design.

The pavilion structures are simple braced boxes, constructed of simple steel 'sticks', and partially supported by and integrated within the existing concrete framed buildings. The walkway structures are supported by fixed-base columns, to ease erection; the columns acting to resist lateral forces like blades of grass in unison. All external steelwork is galvanised and then painted to minimise future maintenance costs for the university.

Other than foundations, which are simple mass concrete pads on the chalk, the only 'wet' structural elements are the horizontally boardmarked in-situ concrete monoliths that form part of the identity of each school.

The theme of lightness is also expressed in the staircase within the first completed building, much to the consternation of the Estates Department. A folded steel plate with timber treads mimics the structural principles of the Georgian stone staircase.

Bob Barton, Barton Engineers

COST SUMMARY

	Cost per m ² (£)	Percentage of total
SUBSTRUCTURE	61.98	2.30
SUPERSTRUCTURE		
Frame	70.73	2.63
Upper floors	33.97	1.26
Roof, rooflights	85.77	3.19
Staircases	56.61	2.10
External walls	59.82	2.22
Windows and external doors	327.65	12.18
Internal walls and partitions	61.30	2.28
Internal doors	66.82	2.48
Group element total	762.68	28.34
INTERNAL FINISHES		
Wall finishes	78.62	2.92
Floor finishes	77.52	2.88
Ceiling finishes	67.34	2.50
Group element total	223.49	8.30
FITTINGS AND FURNITURE	104.00	3.86
SERVICES		
Sanitary appliances	23.28	0.87
Services equipment	120.82	4.49
Disposal installations	9.90	0.36
Water installations, heating, air treatment	69.00	2.55
Electrical services	175.03	6.50
Protective installations	9.29	0.35
Communication installation	9.29	0.35
Builders' work in connection	11.49	0.43
Group element total	428.10	15.91
EXTERNAL WORKS	442.17	16.44
PRELIMINARIES AND INSURANCE	668.83	24.86
TOTAL	2,691.23	100

Cost data provided by DT Foy, Robinson Low Francis

CREDITS

START ON SITE DATE

March 2004

CONTRACT DURATION

25 weeks

GROSS INTERNAL AREA

269m²

FORM OF CONTRACT

JCT98 with Quantities

TOTAL COST

£723,947

CLIENT

University of Sussex

ARCHITECT

John Pardey Architects: John Pardey, Magnus Ström, Kristian Hyde, Kay Burman

STRUCTURAL ENGINEER

Barton Engineers

SERVICES ENGINEER

GTA Consulting

QUANTITY SURVEYOR

Robinson Low Francis

MAIN CONTRACTOR

Mansell Construction Services

SUBCONTRACTORS AND SUPPLIERS

Curtain walling Schuco; aluminium cladding/roof Pace Roofing; steelwork Hillcrest

WEBLINKS

University of Sussex

www.sussex.ac.uk

John Pardey Architects

www.johnpardeyarchitects.com

Barton Engineers

www.bartonengineers.co.uk

GTA Consulting

www.gtagroup.co.uk

Robinson Low Francis

www.rlf.co.uk

A light and delicate new school centre

The 'school centre' creates a new main entrance and reception to the Sussex Institute, Sussex University, and houses an administration area with workstations for eight staff on the ground floor, and offices for the dean and the school administration manager on the first floor. The building is one of five new school centres attached to the original '60s university buildings on the campus, many of which are now Grade II*-listed.

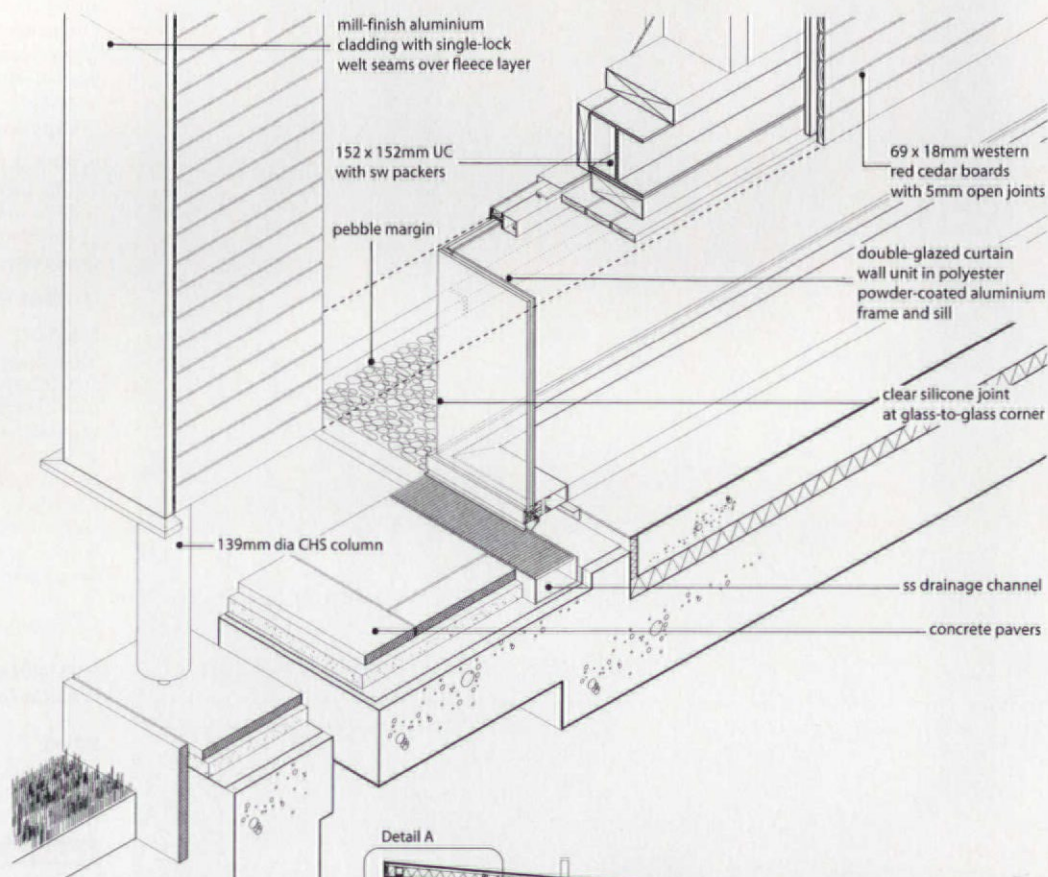
The original buildings were built of brick and concrete and have a robust solidity. In contrast, the new centre is light and delicate, with a steel frame clad with a palette of lightweight materials – glass, mill-finish aluminium and western red cedar boards – laid horizontally.

Steps lead up to the main entrance in the east wall, which is a glazed curtain wall through which the double-height reception and first-floor walkway bridge can be seen clearly.

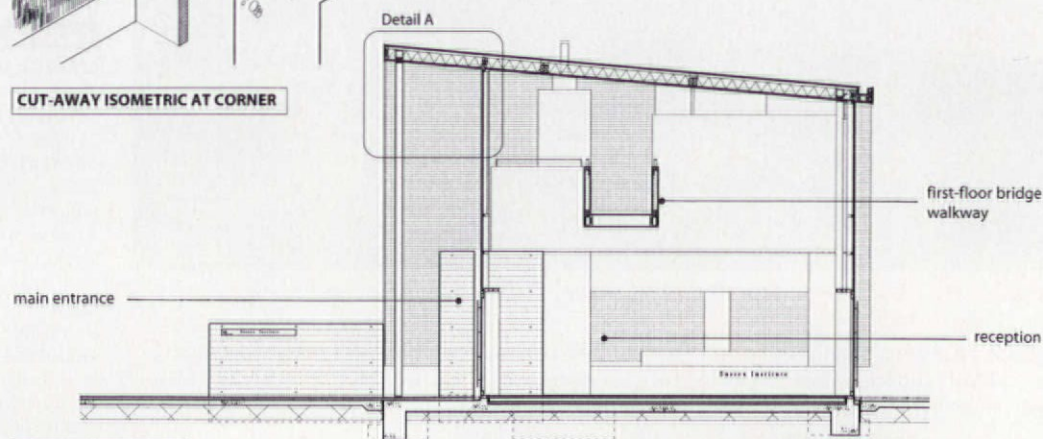
The roof and the south wall are clad with mill-finish aluminium; they extend 2m beyond the glazed curtain wall, sheltering it with what appears as an L-shaped 'folded plane'. To enhance the folded shape, the south wall terminates just above the ground with low-level glazing. The inner planes of the south wall and roof are lined with western red cedar boards on both the outer and inner sides of the glazed curtain wall.

The extension of the roof over the curtain wall rests on a series of 139mm-diameter steel columns, which are connected to 150 x 150mm SHS roof beams. At the south-east corner, the edge of the aluminium/cedar-clad wall is supported on a similar column, and the low-level clerestory returns to connect to the adjacent glazing with a frameless, structural, clear silicone joint.

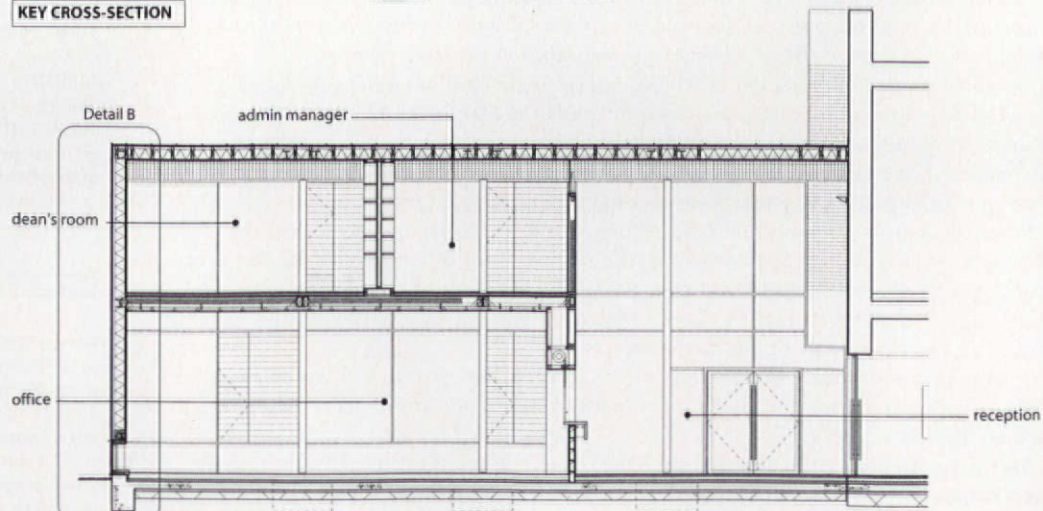
Susan Dawson



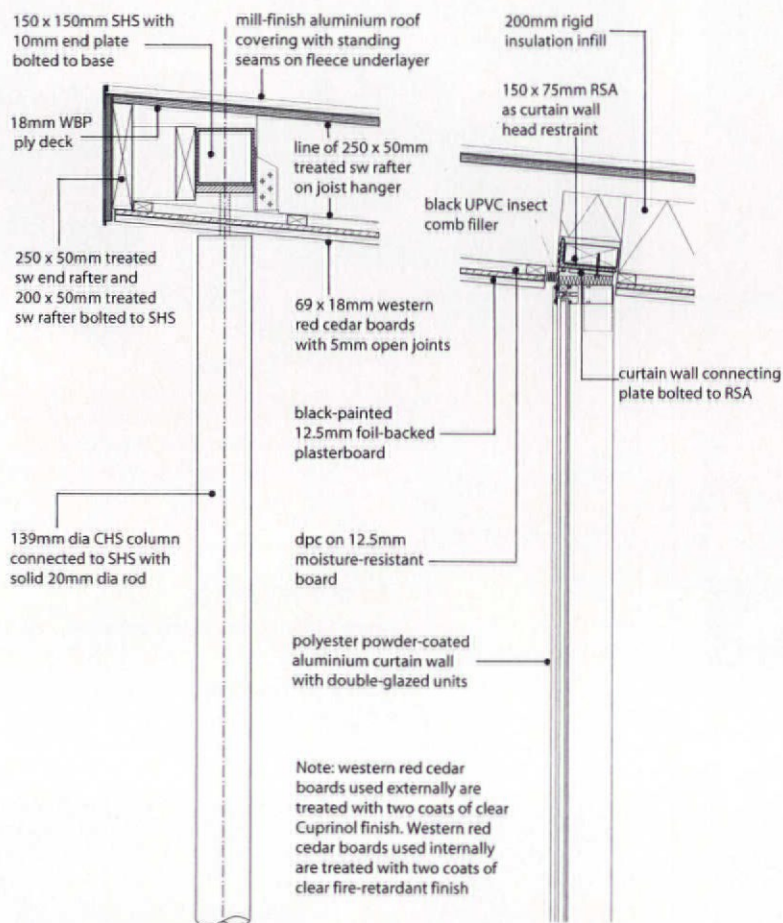
CUT-AWAY ISOMETRIC AT CORNER



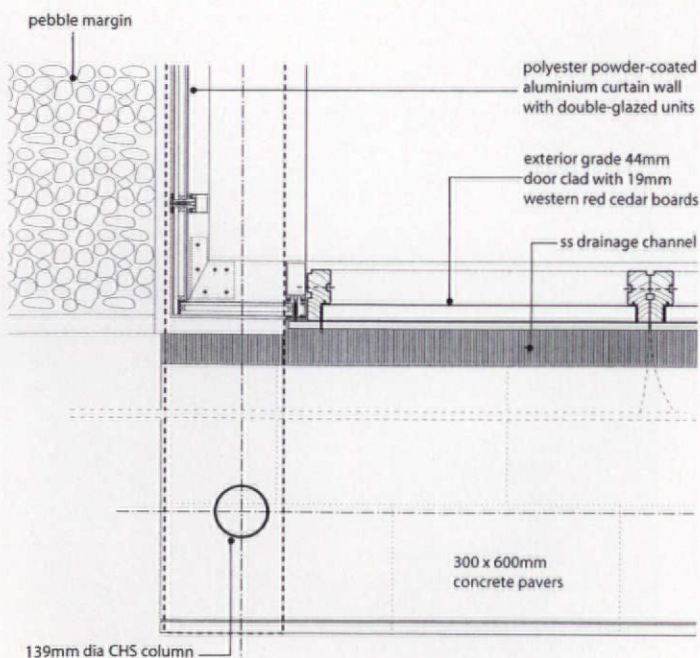
KEY CROSS-SECTION



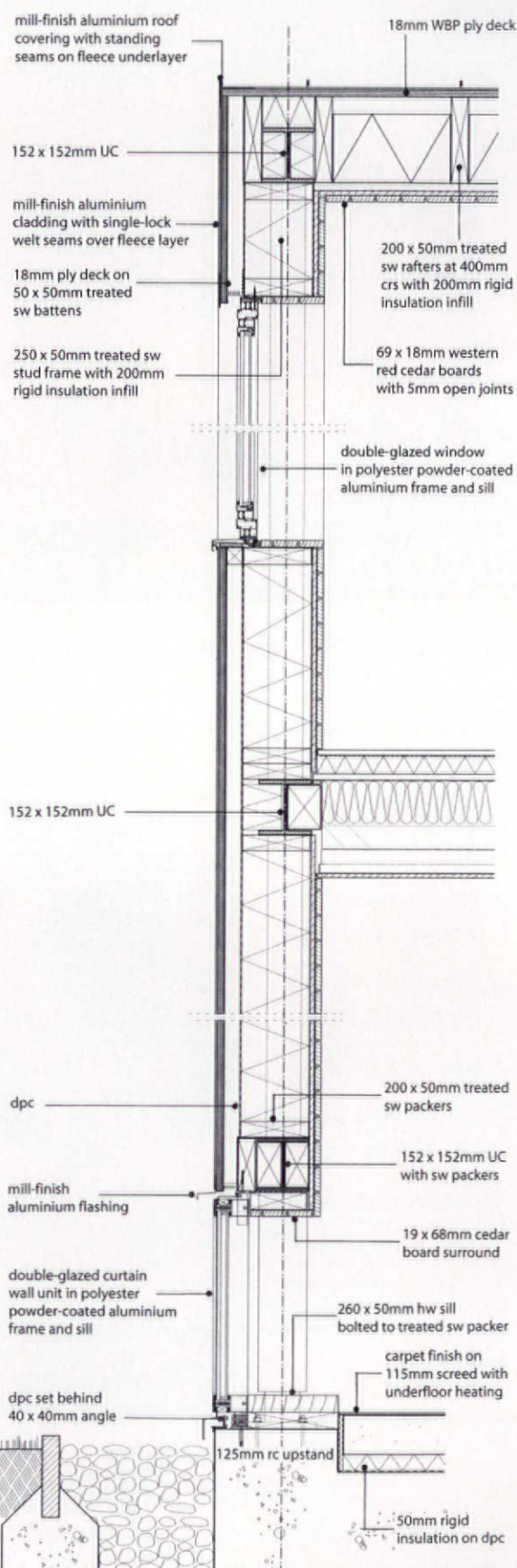
KEY LONG SECTION



DETAIL SECTION A AT EAVES



DETAIL PLAN AT CORNER



DETAIL SECTION B THROUGH WALL

The shining light

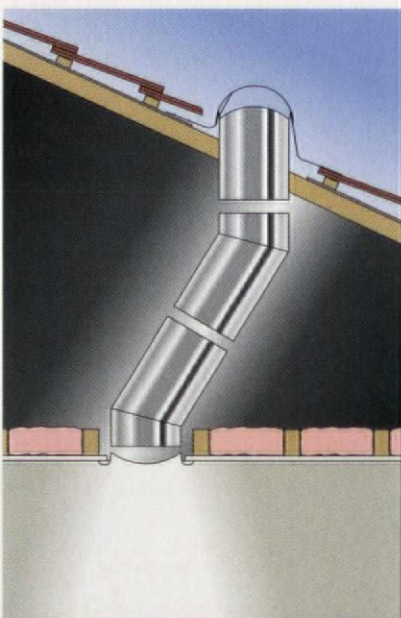
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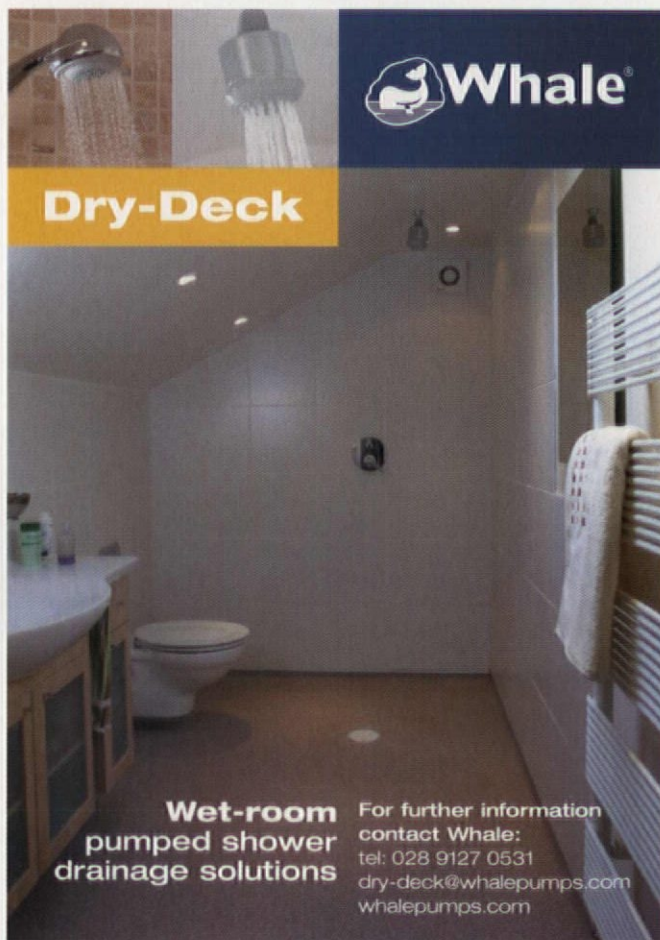
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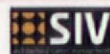
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aj onehundred

10th ANNIVERSARY

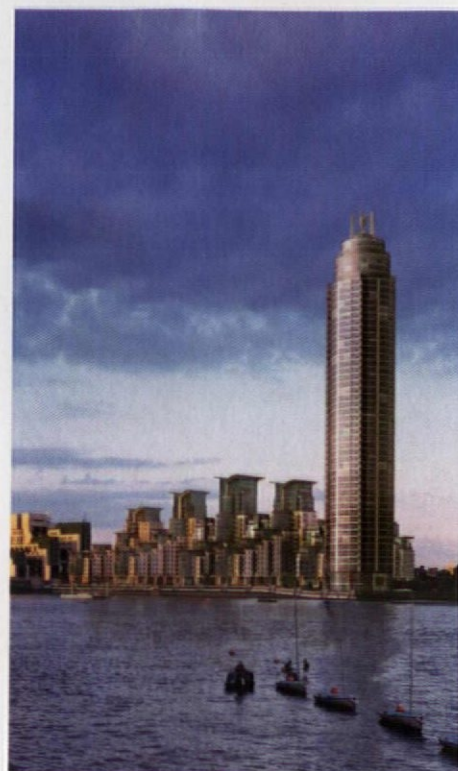
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**Thinking big: the
10th AJ100 survey
charts the rise and
fall of architecture's
biggest players**

By Ed Dorrell
Illustrations by Joe Magee/
Heart



What a difference a decade makes?

Ten years. Ten years of watching firms come and go. Ten years of economic cycles. Ten years of mergers, demergers, alliances and bust-ups. Ten years of evolving design styles. Ten years of ever-changing procurement techniques. Ten years of profits and losses.

Ten glorious, fascinating, frustrating, amazing years in the architectural world through the eyes of the AJ100. Any observer will tell you that everything has changed and everything is changing. But has it?

Just a brief glance at the 1995 table and one thing jumps out at you. Sitting proud in first place is BDP, the very first holder of the top spot in the AJ100. This is the same firm that has dominated the chart for the last decade, coming first for the last five years, including this one.

Then, as your eyes get drawn downwards, you see many familiar names jumping out at you. RMJM... Atkins... Sheppard Robson... Aukett... Farrell... Broadway Malyan. Perhaps nothing has really changed at all?

But look again at the other names on the list. Unicorn Consultancy Services? TBV Consultancy? DY Davies? Whatever happened to this mob? Let's not forget that 10 years ago the age of local authority architects still hadn't reached the end of its death throes. In 29th place of this year's AJ100 sits the Birmingham City Council architecture department, followed by the Nottinghamshire County Council Architectural Services

Department just five places lower.

There is one consistent theme, however – the Building Design Partnership story. Just how does it do it?

BDP's consistent position at the top of the AJ100 is not a sign that BDP is a nakedly ambitious commercial firm, wringing every penny from every job taken on. It is more a reflection of the fact that BDP is, in the large part, a damn good practice. And it's good at designing good buildings, whether the client is a private one-man developer or the biggest NHS trust out there.

'It's easier to simply buy the company lock, stock and barrel, as a way of getting the architects'

Few of this year's AJ100 would claim to be from the same mould as Libeskind or Vinoly, and nor would they want to be. However, speaking to many senior directors, it is clear that they are determined to get across their commitment to well-designed buildings.

This trend manifests itself in several ways. Not least the fact that many commercial practices now need a trendy young design director from the schools of Fosters, Rogers and such like. From Atkins to Aedas, they're all at it. And the power that they put in the hands of these figures is sometimes quite astonishing.

One of the other most noticeable elements of this year's AJ100 is that firms are getting

bigger. Again, it only takes a brief glance back at the tables 10 years ago for the evidence to stack up this hypothesis. BDP was indeed top. But how many architects did it need to secure the number one status? Just 147. This aggregate would have placed the office in seventh spot in 2005, a year when the office's architectural staff totalled 241.

This is partially down to incremental growth triggered by massive private finance projects; jobs that are going to the big firms because they are the only ones that can absorb the almost overwhelming bid costs.

It is also down to firms coming together – the last 12 months has seen Capita buy Percy Thomas, and Aukett finalise its deal to merge with Fitzroy Robinson; two of the most notable financial deals carried out for many years.

Is it possible that there is just not the space in the architectural market for medium-sized practices any more? In the words of one chief executive in the Top 10: 'The thing is that these companies simply will not survive. We need more architects to service the large number of massive jobs we're getting and there are people in these suffering firms that we would like to recruit. It's easier, though, to simply buy the company lock, stock and barrel, as a way of getting the architects.'

Whether things have changed radically in the AJ100's first decade is debateable, but it would seem a fairly safe bet that the next 10 years will be nothing short of revolutionary.

Opposite: BDP's Napier building, and the prospective tower in Vauxhall by Broadway Malyan. Right: The Royal London Hospital. Below right: the Scottish Parliament by RMJM



ROLAND HALLER/ARTLUS/VIEW

NUMBER OF QUALIFIED UK ARCHITECTS: POSITION 1 – 50

2005	2004	Company/practice	Change on year	UK architects 2004	UK architects 2003	Female architects
1	1	BDP International	-9	241	250	18%
2	2	Atkins Architects	+4	179	175	9%
3	4	Foster and Partners	+21	174	153	16%
4	5	Aedas	+27	172	145	20%
5	3	HOK	+9	164	155	25%
6	6	Nightingale Associates	+25	160	135	34%
7	8	Capita Percy Thomas	+44	142	98	10%
8	=9	Sheppard Robson	+44	138	94	20%
9	7	PRP Architects	+15	120	105	24%
10	=9	Reid Architecture	+10	104	94	25%
11	=19	Anshen Dyer	+38	103	65	29%
12	=13	Broadway Malyan	+21	102	81	17%
13	-	Llewelyn Davies	+20	90	70	28%
=14	-	Allies and Morrison	+5	74	69	30%
=14	=13	RMJM	-7	74	81	19%
=16	12	Aukett	-11	72	83	0%
=16	11	RHWL Architects	-18	72	90	31%
18	=16	Chetwood Associates	0	71	71	21%
19	15	Chapman Taylor	-3	69	72	28%
20	18	Keppie Design	-1	67	68	22%
21	=19	Benoy	+1	66	65	12%
22	22	Stride Treglown	+4	63	59	21%
23	=26	Feilden Clegg Bradley Architects	+6	61	55	33%
=24	=44	Swanke Hayden Connell Architects	+15	60	45	10%
=24	21	Austin-Smith:Lord	0	60	60	15%
=26	43	jmarshitects	+11	57	46	33%
=26	=23	Scott Brownrigg	0	57	57	9%
28	47	T P Bennett	+13	56	43	21%
=29	-	RPS Group	0	55	55	7%
=29	=26	Hamilton Associates	0	55	55	11%
31	=37	RyderHKS	+6	54	48	13%
32	=40	Pollard Thomas Edwards Architects	+6	53	47	49%
=33	=34	TPS Consult	+2	52	50	17%
=33	=31	Architects Design Partnership	0	52	52	37%
=33	=31	Rolfe Judd	0	52	52	15%
36	=40	Pascall + Watson	+3	50	47	10%
37	=34	Kohn Pedersen Fox Associates	-2	48	50	35%
=38	=50	Carey Jones Architects	+7	47	40	6%
=38	=37	Richard Rogers Partnership	-1	47	48	17%
40	46	Cooper Cromar	+2	46	44	9%
=41	=53	Charter Consultant Architects	+5	44	39	14%
=41	=50	Stephen George & Partners	+4	44	40	5%
43	=58	Ruddle Wilkinson	+8	43	35	26%
44	48	CDA Architects	0	42	42	7%
=45	=68	DLG Architects	+8	41	33	29%
=45	=53	Fletcher Priest Architects	+2	41	39	32%
=47	56	Devereux Architects	+3	40	37	28%
=47	=31	Squire and Partners	-12	40	52	20%
=47	=26	Terry Farrell & Partners	-15	40	55	15%
=50	=84	Wilkinson Eyre Architects	+11	39	28	26%

NUMBER OF QUALIFIED UK ARCHITECTS: POSITION 50 – 100

2005	2004	Company/practice	Change on year	UK architects 2004	UK architects 2003	Female architects
=50	=37	Ellis Williams Architects	-9	39	48	33%
=52	=58	Hunter & Partners	+3	38	35	16%
=52	57	Donald Insall Associates	+2	38	36	29%
=54	=84	Purcell Miller Tritton	+9	37	28	19%
=54	=68	Hopkins Architects	+4	37	33	27%
=56	=65	Barton Willmore	+2	36	34	19%
=56	55	David Chipperfield Architects	-2	36	38	39%
=56	=40	GMW Architects	-11	36	47	17%
=59	=93	John McAslan + Partners	+11	35	24	31%
=59	=68	RH Partnership Architects	+2	35	33	17%
=59	=65	Hawkins\Brown	+1	35	34	40%
=59	=58	The Parr Partnership	0	35	35	20%
=63	=82	Jestico + Whiles	+5	34	29	18%
=63	=74	Bond Bryan Partnership	+2	34	32	15%
=63	=58	Grimshaw	-1	34	35	35%
=66	=65	Penoyre & Prasad	-1	33	34	33%
=66	=58	Sidell Gibson Architects	-2	33	35	21%
=66	=58	Wimberly Allison Tong & Goo	-2	33	35	24%
=66	49	HLM Architects	-8	33	41	24%
=70	=80	YRM Architects Planners Designers	+2	32	30	25%
=70	=78	GHM Consultancy Group	+1	32	31	19%
=70	=74	Hadfield Cawkwell Davidson	0	32	32	19%
73	=84	Taylor Young	+3	31	28	16%
=74	-	Holder Mathias Architects	+4	30	26	17%
=74	-	Michael Aukett Architects	+15	30	15	23%
=74	-	NPS Property Consultants	+16	30	14	10%
=74	=90	HTA Architects	+5	30	25	27%
=74	=26	Lewis & Hickey	-25	30	55	3%
79	-	John Thompson & Partners	+5	29	24	24%
=79	=68	Oxford Architects	-4	29	33	7%
=81	=95	Atkins Walters Webster	+5	28	23	0%
=81	89	Levitt Bernstein Associates	+1	28	27	50%
=83	-	Seymour Harris Architects	+1	27	26	19%
=83	=90	Acanthus Lawrence & Wrightson	+2	27	25	22%
=83	=84	Feilden + Mawson	-1	27	28	15%
=83	=80	Gensler	-3	27	30	22%
=87	=84	ORMS Designers & Architects	-2	26	28	23%
=87	=74	Fitzroy Robinson	-6	26	32	19%
=87	=74	S&P Architects & Interior Designers	-6	26	32	8%
=90	=95	Michael Laird Architects	+2	25	23	16%
=90	=90	Halsall Lloyd Partnership	0	25	25	8%
=92	=82	Lyons Sleeman Hoare	-5	24	29	17%
=92	=78	Paul Davis & Partners	-7	24	31	29%
=94	100	Architects Co-Partnership	+2	23	21	13%
=94	25	SOM	-33	23	56	22%
96	=93	Pick Everard	-2	22	24	9%
97	=95	Parsons Brinckerhoff	-2	21	23	0%
=98	-	Associated Architects	+6	20	14	20%
=98	-	David Morley Architects	+2	20	18	40%
100	=98	Stubbs Rich Architects	-4	18	22	28%



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1

BDP International

► Last year: 1

BDP has done it again. Five years on the bounce, the firm has found itself at the very top of the AJ100. No mean achievement, given the fluctuations other firms have experienced in the last few years. How has BDP done it? The most obvious answer is that it spreads its workload and expertise over just about every sector. 'We are now pretty much back where we started,' chairman Nick Terry said. 'We are 50 per cent in the public sector and 50 per cent in the commercial world.' The firm has obviously done rather well out of the burgeoning PFI business, but it is also keen to emphasise its other, slightly less high-profile areas of expertise. What does the future hold for BDP? 'We believe we can grow by a half to three-quarters over the next six years,' Terry added. 'But most of that will be outside the UK.'

2

Atkins

► Last year: 2

Another good year for this multidisciplinary company; the UK's second biggest employer of registered architects. As with many firms of this scale, success has often come through the ever-increasing PFI workload, although other highlights have included work on a new 'iconic' city academy in Liverpool. Atkins spent 2004 determined to prove that it was committed to a high standard of design in the public sector, as shown by the recruitment of a smattering of architects from the likes of Fosters and Rogers.

3

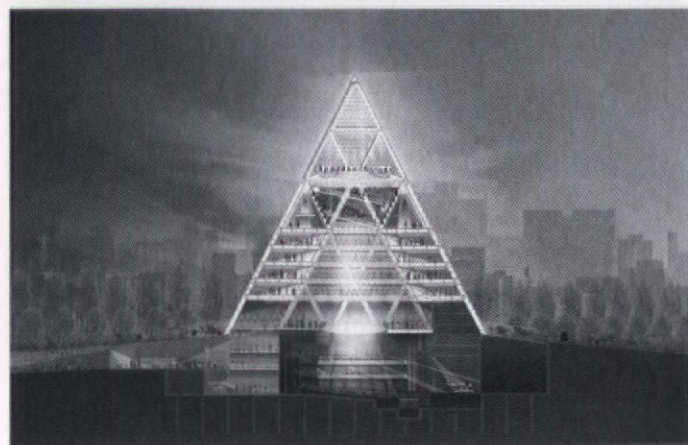
Foster and Partners

▲ Last year: 4

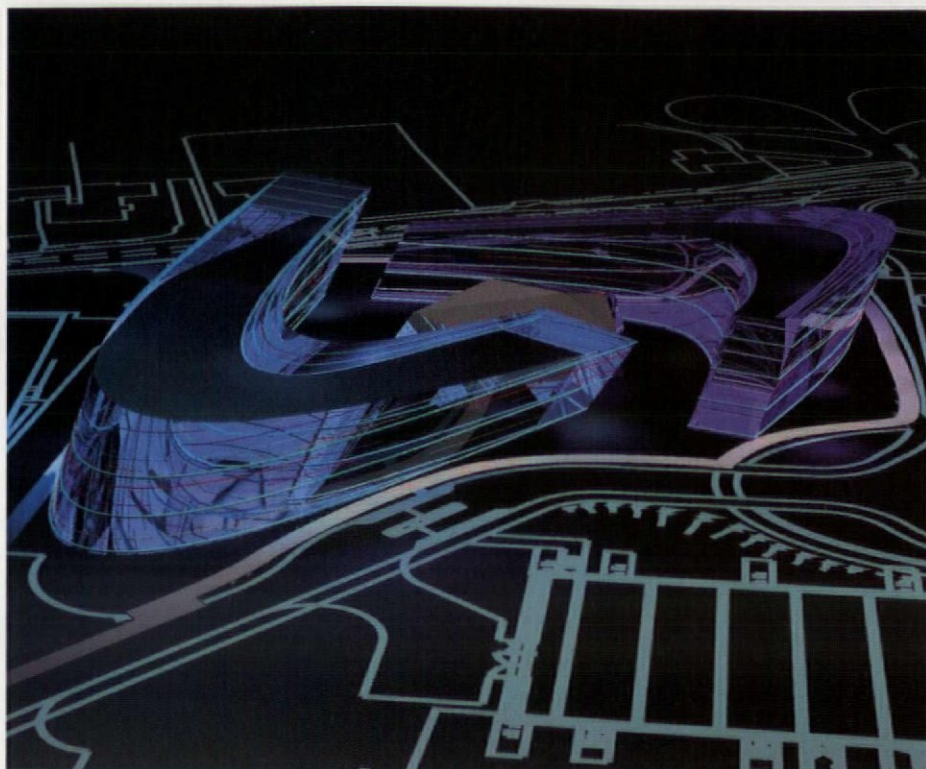
Fosters has capitalised on last year's Stirling Prize win for its 30 St Mary Axe Swiss Re building, and continues to secure high-profile projects globally. Recently revealed were the firm's plans for the Kazakhstan Palace of Peace, which ignited some debate over the ethics of working in countries with dubious regimes, though its designs for a theatre at Governor's Island, New York, went unchallenged. This year's prestigious projects include designs for Dresden Station, the City of London's Moorhouse and the Supreme Court in Singapore.



Above: BDP's Royal Alexandra Children's Hospital. **Right:** Atkins' award-winning Chancellor Park Primary School in Chelmer, near Chelmsford. **Below right:** Foster and Partners' proposals for a pyramid for religious understanding in Kazakhstan

**NUMBER OF QUALIFIED UK ARCHITECTS**

South-east/London	2004	2003
BDP International	241	250
Atkins Architects	179	175
Foster and Partners	174	153
Aedas	172	145
HOK	164	155
Capita Percy Thomas	142	98
Sheppard Robson	138	94
PRP Architects	120	105
Reid Architecture	104	94
Anshen Dyer	103	65



Above: Aedas' proposed scheme for a £13 million new academy at Brunel University. Left: HOK's plans for No 1 West India Quay in east London



4

Aedas

▲ Last year: 5

Aedas is also one of the phenomenal successes of the last year, jumping up one place, with an increase of 27 architects. Much of this success comes from a focus on the PFI market, with the practice collecting over £11 million in fees from PFI work alone. Aedas would also argue, probably fairly, that a lot of its achievements can be explained by a renewed passion for high-quality design, following the recruitment a couple of years ago of Richard Hyams from Fosters and Partners.

5

HOK

▼ Last year: 3

To say that HOK has had a tumultuous year would be an understatement. With national coverage of the enormously contentious Barts and Royal London PFI scheme in Whitechapel, the British office of this massive multinational has rarely been out of the headlines. The practice has ended the year on a high, by winning the mayor's support for the east London hospital. Never let it be said, though, that a focus on public sector design is not a profitable exercise: HOK was the second highest earner of fee income, raking in more than £39 million.

6

Nightingale Associates

► Last year: 6

Oxford-based Nightingale has continued its aggressive expansion by merging with Derek Hicks and Thew, together with education specialist Ash Design Consultants, making it the year's fourth fastest riser by number of registered architects. The practice has opened new offices in Exeter and Cape Town, with a Birmingham branch planned for later in 2005. Healthcare remains at the core of Nightingale's business and the firm is currently designing the Peninsula Medical School to be sited at Exeter, Plymouth and Truro, and is preferred bidder on Peterborough's new PFI hospital scheme. Since the Ash merger, the practice is gunning for education projects, such as the government's £15 million Building Schools for the Future initiative. Nightingale has a higher proportion of female architects than the rest of the Top 20.

NUMBER OF QUALIFIED UK ARCHITECTS

Midlands	2004	2003
Nightingale Associates	160	135
RPS Group	55	55
Stephen George & Partners	44	40
NPS Property Consultants	30	14
Oxford Architects	29	33
Seymour Harris Architects	27	26
Pick Everard	22	24
Associated Architects	20	14
Gray Baynes & Shew	14	8

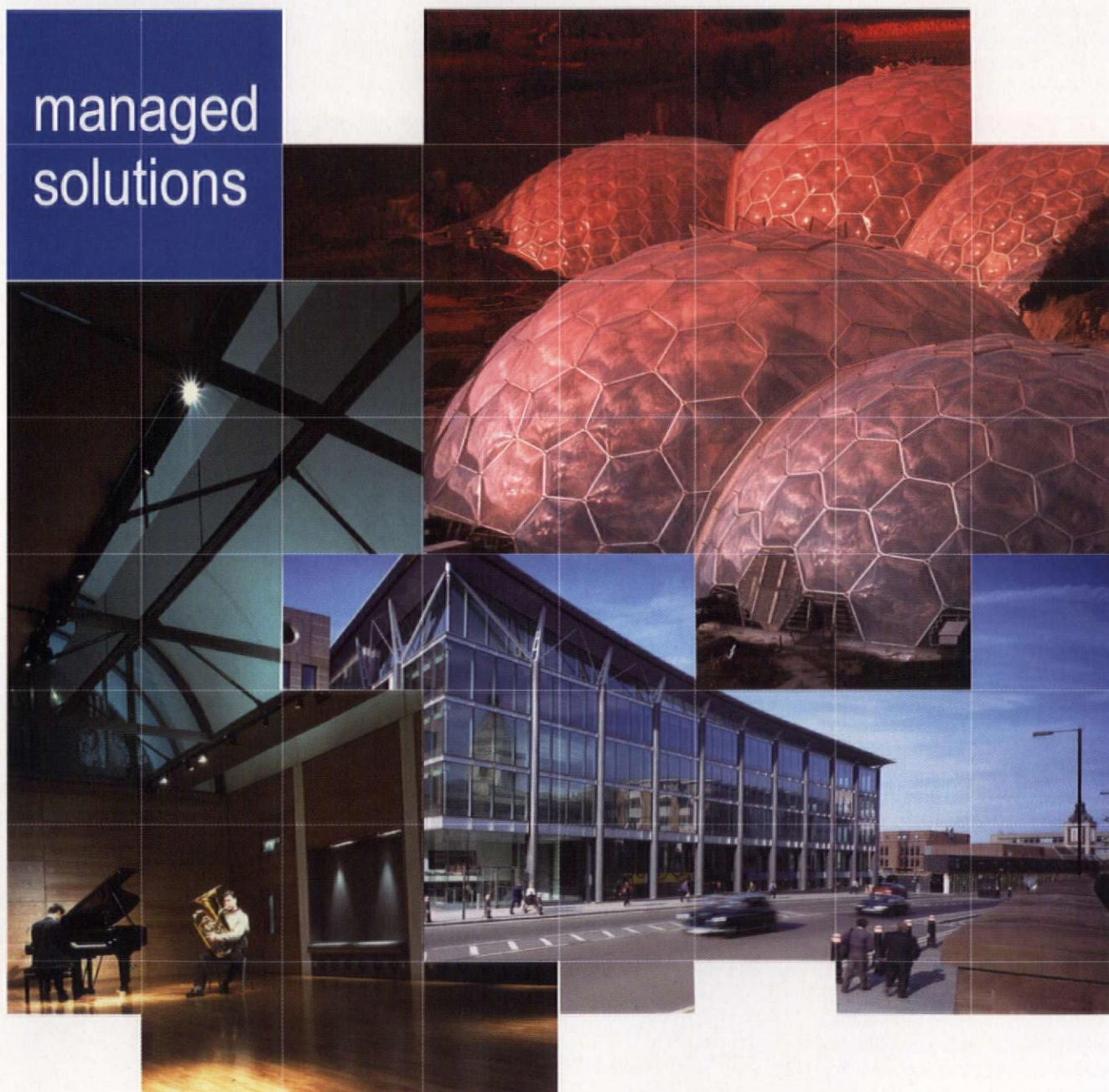
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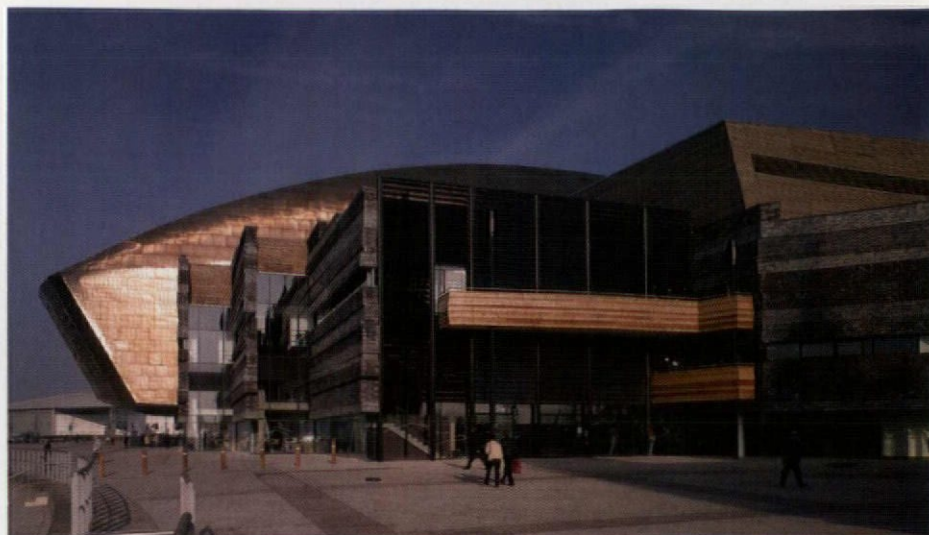
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7

Capita Percy Thomas

▲ Last year: 8

What a year it's been for Capita. The massive support services firm bought the Welsh practice Percy Thomas for an undisclosed fee, adding the company's architects to its already healthy group and rocketing it into one of the AJ100's top positions. And watch out – the office's new boss Robert Firth, headhunted from Austin-Smith:Lord's Cardiff office, makes no secret of the fact that the company is determined to grow even more, promising that there will be at least two further acquisitions in the next 12 months. The undisputed highlight of Capita's year was the completion of the Wales Millennium Centre, which triggered an outpouring of local nationalistic sentiment.



8

Sheppard Robson

▲ Last year: =9

Sheppard Robson witnessed a massive growth in the number of architects on its books last year – the joint highest rise of any practice on the list. This incredible 47 per cent increase is down to the success of the firm's Manchester office, which has doubled in size in the past 12 months. One of the exciting new projects in the pipeline is the Chapel Wharf scheme – a five-tower residential development in Salford that has just been submitted for planning.

Above: Capita Percy Thomas' Wales Millennium Centre, Cardiff. Right: Reid Architecture's plans for a cultural hub in Slough



9

PRP Architects

▼ Last year: 7

Despite employing an extra 15 architects this year, PRP has dropped two places. But it has still been a good 12 months, according to the company's chairman Barry Munday, as it has 'focused on all the sectors that are buoyant at the moment'. Highlights of the year included the unveiling of a PRP-designed prefab house at the Urban Summit in Manchester as an exemplar in the ODPM's £60k house competition. However, unlike most of the Top 10, PRP is not doing much PFI work, apart from one small hospital and a housing scheme. 'We are suspicious of the sheer cost of bidding,' Munday said.

10

Reid Architecture

▼ Last year: =9

Reid Architecture only dropped one place this year, due to such achievements as the completion of the £30 million Loughborough town centre redevelopment and winning the Architectural Practice of the Year title at the Builder & Engineer Awards. Two key projects for the coming year are a £200 million redevelopment of Luton town centre and a scheme to create a new cultural hub in Slough. Reid's workforce includes six teachers, 43 amateur musicians, 62 part-time artists and one published poet.

TOTAL UK/GLOBAL STAFF

	Total UK staff 2004	Total UK staff 2003	Architects on staff 2004	UK staff change on year	Global staff (excl uk)
1 Capita Percy Thomas	3,100	2,050	5%	+1,050	-
2 RPS Group	1,940	1,295	3%	+645	3,068
3 Parsons Brinckerhoff	1,359	1,458	2%	-99	628
4 BDP International	913	841	26%	+72	185
5 NPS Property Consultants	628	363	5%	+265	-
6 Foster and Partners	580	576	30%	+4	48
7 Aedas	556	480	31%	+76	350
8 TPS Consult	425	408	12%	+17	-
9 Broadway Malyan	363	346	28%	+17	59
10 HOK	340	294	48%	+46	1,488
11 PRP Architects	298	247	40%	+51	-
12 Sheppard Robson	253	217	32%	+36	-
13 Pick Everard	245	235	9%	+10	-
14 Nightingale Associates	242	180	66%	+62	8
15 Barton Willmore	228	206	16%	+22	-
16 RMJM	208	248	36%	-40	367
17 Stride Treglown	194	172	32%	+22	-
18 Allies and Morrison	186	178	40%	+8	-
19 Reid Architecture	185	171	56%	+14	120
=20 Chapman Taylor	180	163	38%	+17	128
=20 Lewis & Hickey	180	164	17%	+16	17
22 Anshen Dyer	173	133	60%	+40	160
23 Keppie Design	170	156	39%	+14	-
24 T P Bennett	160	130	35%	+30	-
24 Llewelyn Davies	150	110	60%	+40	-



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11

Anshen Dyer

▲ Last year: =19

Now this really is a success story – from nowhere to the 10th biggest British practice in two years. In 2003, the company recruited 58 architects, making the firm the fastest riser, and has continued by picking up another 38, making it the second biggest increase of 2004. If this is not evidence that the government's massive PFI healthcare building boom is good for business, what is? While the healthcare market is still booming, there must also be an interest in expanding into other sectors, as dependency on just one area of expertise is not necessarily the healthiest business model. Where next can the firm go?

12

Broadway Malyan

▲ Last year: =13

Moving up one place on the AJ100 chart, Broadway Malyan has had a good year of consolidation. The firm's offices in Spain and Edinburgh are now coming nicely to fruition, with the company beginning to make its mark in the Spanish retail sector and in Scotland, securing the high-profile Princes Street shopping area in Edinburgh. The practice is also looking further afield, and has begun to make inroads into China, while also continuing to flourish in Europe. Housing is still a major focus, and the company's regeneration portfolio is bigger than last year. Broadway Malyan is currently involved in masterplanning and visioning for several depressed areas of the UK, particularly in the north-west, such as Skelmersdale, Whitehaven and Gorseburg. Although the practice is known for residential and mixed-use schemes, Broadway Malyan's name also appeared on the shortlist for Retail Architect of the Year.

13

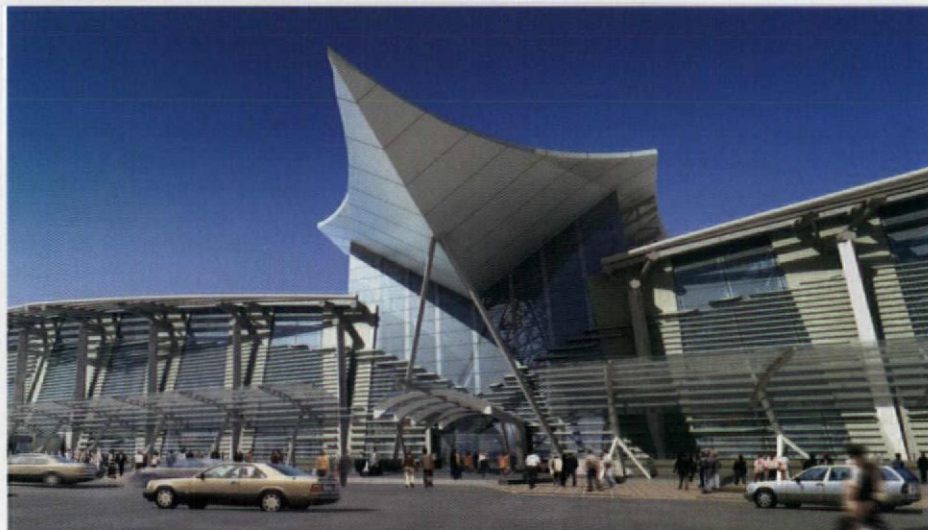
Llewellyn Davies

① Re-entry

Perhaps one of the more surprising announcements of the past few months was the news that multidisciplinary giant Llewellyn Davies had teamed up with eco-architect Ken Yeang. The practice is working with Yeang on the new Essex Design Initiative and hopes to unveil a jointly designed 'green scheme' later in the year. Less unexpected is a new strategic alliance with Watkins Gray to target the PFI/PPP markets in health and education. Meanwhile, Llewellyn Davies continues to thrive on international aviation projects, such as schemes in Jamaica and China, and has been selected to work on the £220 million revamp of Great Ormond Street Hospital. Among the larger projects in the pipeline is the new £40 million Huhhot domestic airport in Inner Mongolia. Back home, the practice has also been selected to work on the £220 million revamp of Great Ormond Street Hospital.



Left: Anshen Dyer's plans for the redevelopment of Newcastle-upon-Tyne's healthcare provision. Below: Llewellyn Davies' designs for a new 45,000m² airport in Huhhot, Inner Mongolia



=14

Allies and Morrison

① Re-entry

Allies and Morrison, a very high re-entry, has spent its first year in its own building on Southwark Street, opposite its massive IPC building. The practice played a big part in the Olympics masterplan, along with Foreign Office Architects, HOK Sport and EDAW, and has also finished a spate of Oxbridge work. Other huge schemes include an application for the King's Cross masterplan, which was made last year – a complex one for Camden council. Areas to watch in the year ahead include a revised planning application for its conversion of two of the stands at Arsenal's Highbury stadium into residential units and a series of more residential schemes in Winchester and Oxford.

NUMBER OF QUALIFIED UK ARCHITECTS

Scotland	2004	2003
RMJM	74	81
Keppie Design	67	68
jmarchitects	57	46
Cooper Cromar	46	44
CDA Architects	42	42
The Parr Partnership	35	35
Lewis & Hickey	30	55
Michael Laird Architects	25	23

NUMBER OF QUALIFIED UK ARCHITECTS

South-west	2004	2003
Stride Treglown	63	59
Feilden Clegg Bradley Architects	61	55
Atkins Walters Webster	28	23
Parsons Brinckerhoff	21	23
Stubbs Rich Architects	18	22



Top: Stride Treglown's £50 million Celestia residential development in Cardiff Bay.
Bottom: Chapman Taylor's award-winning El Muelle Shopping Centre in Gran Canaria



=14

RMJM

▼ Last year: =13

Only one subject dominated 2004 for Scotland's biggest practice, and that was the long-awaited completion of the Scottish Parliament building – a scheme that was originally conceived with the late, great Enric Miralles. The lows of 2004 included the Parliament building and the highs also included the Parliament building, 'was RMJM managing director Tony Kettle's neat synopsis of the past year's activities. Other schemes on the go for the practice at the moment include the competition-winning Beijing Olympic Convention Centre and a massive masterplan for the expansion of Edinburgh called Custom House Quay.

=16

Aukett

▼ Last year: 12

Aukett has famously merged with Fitzroy Robinson, but before the deal was completed in March, the firm was the employer of 72 architects. Given the comings and goings of 2004, including a shareholder rebellion followed by a boardroom takeover, this is probably a reasonable result. The combined firm would have found itself in 11th place. While the merger deal can only be seen realistically as something of a rescue bid for the company, both sides insist that the two firms suit each other down to the ground, opening up international markets that neither would have been able to reach on their own. What is certain now is that results need to improve.

=16

RHWL Architects

▼ Last year: 11

The firm's most interesting scheme this year is the transformation of London's famous St Pancras Chambers, to start on site in 2006. London's County Hall and the redevelopment of Coventry City's stadium are also ongoing.

18

Chetwood Associates

▼ Last year: =16

The practice's £40 million St Austell regeneration scheme may have been making all the headlines, but it also has many other projects, including a large mixed-use scheme in Maidenhead, the £120 million development of a new urban quarter in Brighton, and a £250 million scheme in Paddington Green.

19

Chapman Taylor

▼ Last year: 15

A small drop on last year for the retail specialist, but nothing for the firm's bosses to worry about immediately. AJ100's figures show that Chapman Taylor brings in more earnings from competitions than any other British firm.

20

Keppie Design

▼ Last year: 18

A combination of retail, healthcare and education projects has secured Keppie's position as Scotland's second largest practice. The past year has seen the firm establish a foothold in Inverness and strengthen its presence in Northern Ireland. While the public sector accounts for 60 per cent of the practice's workload, it unveiled a €50 million (£34 million) contract to create a private hospital in Waterford, Ireland.

21

Benoy

▼ Last year: =19

A small drop for retail specialist Benoy – a real achievement given the fact that the firm completed the massive Bull Ring development in Birmingham. A lot of international work will have helped, along with its involvement in several retail-led UK shopping developments.

22

Stride Treglown

► Last year: 22

The biggest practice in the south-west has had another good year, maintaining its position. Busy in the education sector, especially through PFI and framework agreements, the firm's completions in 2004 included an £18 million student residences scheme for the Royal Holloway, and a £25 million secondary school scheme for Cornwall Schools is on site. The firm's London office is also developing proposals for a luxury hotel complex in Africa.

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23**Feilden Clegg Bradley
Architects**

▼ Last year: =26

Obviously one very sad event has dominated the last 12 months for the Bath-based practice: the sudden death of its founding partner, Richard Feilden in January. Despite this, the firm has continued to grow and has found itself in the second spot in the south-west. It's fair to say that observers will be surprised by just how big this practice has become without losing its sustainable credentials. Current projects include its proposal for the Derby Quad, which has just won a large injection of cash from the National Lottery.

=24**Swanke Hayden Connell
Architects**

▲ Last year: =44

Like many of the other firms in the AJ100, this company's success stems from the public sector building boom seen under the Labour government. 'We have been diversifying from commercial work to university and healthcare work,' managing director David Hughes said. 'There were sectors that we never had any presence in before and that we identified as growing markets.' Projects completed this year include the Open University New Library and Resource Centre at Milton Keynes. 'Our key corporate clients have also kept us very busy recently with repeat business. We certainly expect to continue to grow as a result.'

=24**Austin-Smith:Lord**

▼ Last year: 21

Austin-Smith:Lord is one of the few AJ100 practices that employs the same number of architects in this year's survey as in the last. The firm is noted for its regional outlook, with offices in Manchester, Glasgow, Warrington and Cardiff, as well as its London base. Among projects on the go is the £16 million redevelopment of John Rylands Library in Manchester and the next stage of the renovation of the Victoria Baths in the same city, which won the BBC's *Restoration* series in 2003. It will be interesting to see how Austin-Smith:Lord's Welsh operation copes over the next 12 months with the departure of Robert Firth to Capita Percy Thomas.

=26**jmachitects**

▲ Last year: 43

This has been a big year for Scotland's third biggest office. Growth seems to be the name of the game for the firm, which recruited 11 architects and jumped 17 places in the AJ 100. With offices in Edinburgh, Glasgow, Manchester, Leeds and London, things look extremely bright for these ambitious Scots. Projects on the go include the scheme for Donaldson's College – a brand new facility for a school for the blind.



Above: jmachitects' Princes Street development in Edinburgh. Right: Swanke Hayden Connell's new Open University Library & Resource Centre in Milton Keynes

**=26****Scott Brownrigg**

▼ Last year: =23

Scott Brownrigg – now without the Turner – has had an interesting year, after its decision to absorb the Design Research Unit. This move, like many others in the AJ100, gives the company added credence when discussing the contribution it can make to high-quality architecture. The firm's core business remains infrastructure, with projects such as the Thames Gateway Bridge with Mott MacDonald, but is also expanding increasingly into other sectors.

28**TP Bennett**

▲ Last year: 47

This year TP Bennett claims it will increase its turnover by more than 25 per cent, through expansion in the health and education sectors, urban design and town planning, residential, mixed-use developments and major office fit-outs. Current schemes include designing over a million square feet of corporate headquarters for Accenture, Johnson & Johnson and IPC Media, as well as redeveloping London's Guildhall complex and inner-city schools.



=29

RPS Group

Re-entry

Planning consultancy RPS – which has an enormous 1,940 staff nationwide – is making a concerted effort to substantially increase its presence in the purely architectural market. This was illustrated most dramatically in 2004 when it bought last year's second biggest Midlands practice, Mason Richards. 'I think RPS is likely to be making some more acquisitions in the next few months,' said managing director Graham Cox. 'There are definitely discussions taking place, but I can't say any more than that at the moment.'

Above left: Pollard Thomas Edwards' Arundel Square in Islington, London. **Above right:** Ryder HKS' plan for the Westgate House site in Newcastle. **Right:** Hamilton Associates' Honeypot Lane development in Stanmore



=29

Hamilton Associates

▼ Last year: =26

According to partner Craig Casci, 2004 was a good year for Hamilton Associates, but 'not as good as 2003'. 'It has been controlled and steady,' he concluded. One of the practice's principal projects is the Honeypot Lane mixed-use scheme in London's Stanmore, a development that includes 12,000 residential units. 'We very rarely do single-use projects these days, it's all about balanced developments,' Casci added.

32

Pollard Thomas Edwards Architects

▲ Last year: =40

The Islington-based practice, celebrating its 30th birthday, had a good 2004, jumping from 40th to 32nd place, with six more architects than last year. The firm is also notable for having the second highest proportion of women architects of all the companies in the AJ100. Other highlights of the past 12 months included winning a Civic Trust award for Phase Two of its Sefton Park refurbishment project in Liverpool.

=33

Architects Design Partnership

▼ Last year: =31

A reasonable year for this firm, based in large part on its success in the education sector. Work in this field includes the renovation and expansion of Denys Lasdun's University of Sussex and the development of a £3.81 million new sixth-form centre for Collingwood College in Camberley, Surrey, which opened at the beginning of this year. The office also won a Civic Trust Award for its Rossey Park Institute development in Horsham, Surrey.

31

Ryder HKS

▲ Last year: =37

A year of consolidation for Ryder HKS after Newcastle-based Ryder merged with the European arm of the North American giant HKS. According to group chairman Paul Hyett, RIBA past president and ex-AJ columnist, various moves have been afoot to consolidate in London, including a new home in Soho Square, almost next door to the FA headquarters and, most importantly, said Hyett, around the corner from one of the best restaurants in London, the Gay Hussar. On a business level, the new firm, which registers as the biggest in the north-east, is also doing very well in PFI, picking up the best part of £1 billion of healthcare work.

=33

TPS Consult

▲ Last year: =34

Architects at TPS Consult are part of much more than simply an architectural practice, with its 52 ARB-registrants subsumed in a much larger multidisciplinary construction design practice. But with a total UK fee income across all disciplines of nearly £29 million, this is no small firm. Highlights included a new accommodation block at GCHQ, which was shortlisted for a British Construction Industry Award in the Major Project category. The firm – which counts members of 20 different professional institutions among its staff – was also involved with Foster and Partners' hugely successful Trafalgar Square scheme.

=33

Rolfe Judd

▼ Last year: =31

A consistent year for Rolfe Judd Architects. One the practice's most interesting projects in 2004 was Salamanca Square, a mixed private and affordable housing scheme on London's Albert Embankment for Berkeley Homes.

NUMBER OF QUALIFIED UK ARCHITECTS

North-east	2004	2003
RyderHKS	54	48
Carey Jones Architects	47	40
Bond Bryan Partnership	34	32
Hadfield Cawkwell Davidson	32	32
Gateshead Council	11	11



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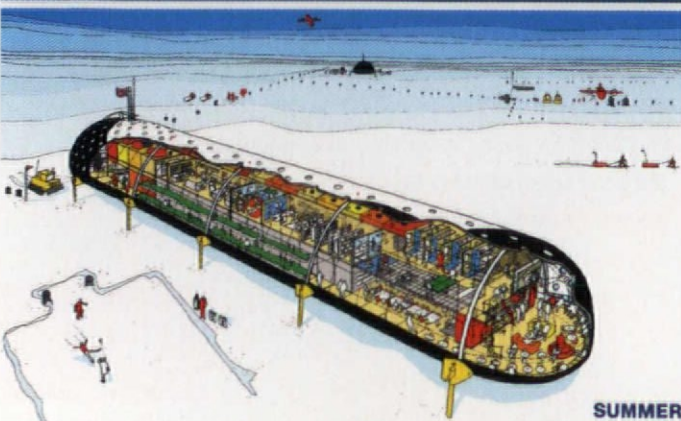
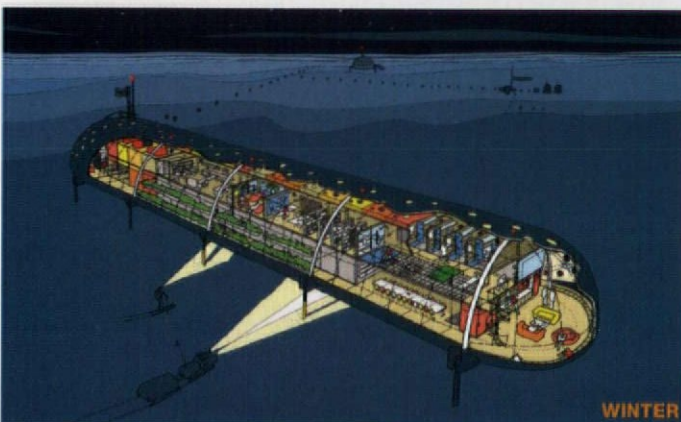
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Left: a construction shot of Terminal 5 at Heathrow, Pascall + Watson's biggest job. Below left: Carey Jones Architects' plans for the East Bank area of Leeds. Bottom and second from bottom: the Richard Rogers Partnership's submission for the British Antarctic Survey's base competition



36

Pascall + Watson

▲ Last year: =40

The airport and transport specialist will be celebrating its 50th birthday next year and is looking to expand its portfolio of work. As well as masterminding projects in Italy, Montenegro, India and the Middle East, the practice has set up an office in Ireland and is hoping to open up a new branch in Manchester. The massive Terminal 5 scheme at Heathrow continues to be the practice's largest job; however, Pascall + Watson is also involved in the £400 million St Pancras Station redevelopment, the Wembley Park Station scheme and the new London Metropolitan University science centre project.

37

Kohn Pederson Fox Associates

▼ Last year: =34

This has been a funny year for KPF's London office, and has seen it slip slightly down the rankings, but never step out of the headlines. The primary reason for this is the office's continued involvement with Thornfield Properties over the redevelopment of a chunk of the west end of London's Smithfield Meat Market complex. While this has been a contentious subject, attracting the interest of everyone from the local meat traders to the Prince of Wales, it has probably been a healthy fee winner. Talking of which, KPF had the second highest fee income through competition-winning projects during 2004.

=38

Carey Jones Architects

▲ Last year: =50

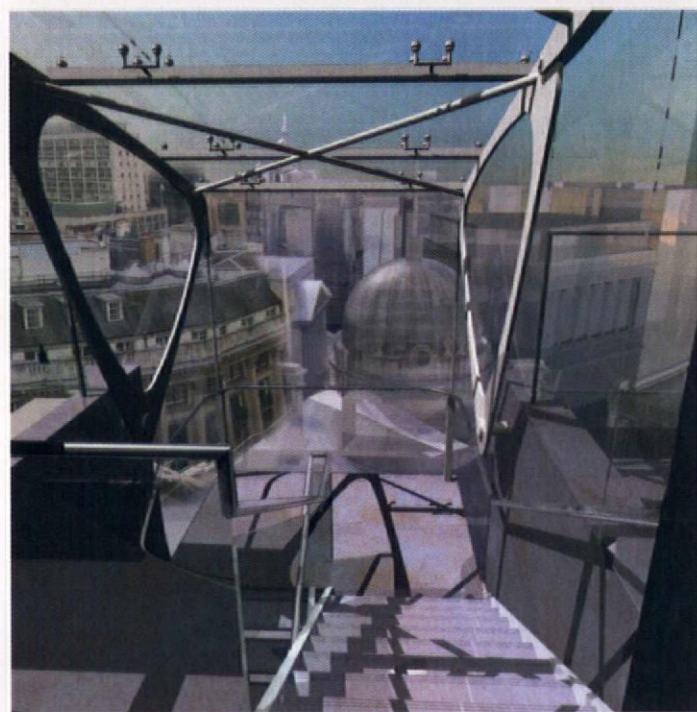
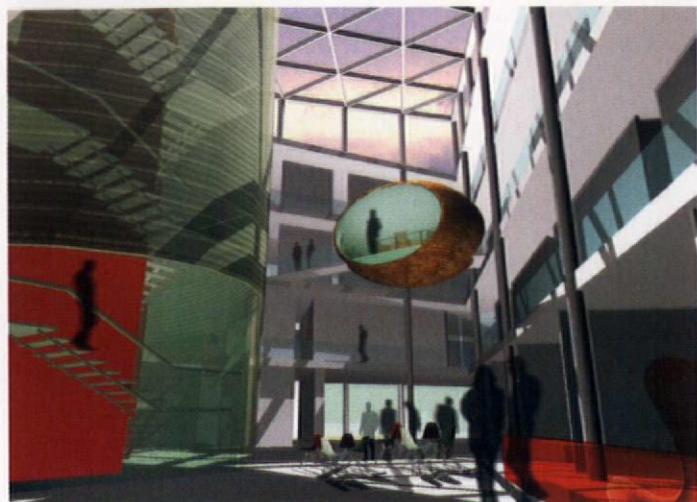
Carey Jones, the second biggest employer of architects in the north-east, has jumped 13 places in this year's AJ100, with an increase of seven architects. Projects in Leeds include the East Bank scheme and a 30-storey, £30 million proposal for a residential scheme called Mayfair in the city's west end.

=38

Richard Rogers Partnership

▼ Last year: =37

Rogers' practice is just about to complete its largest project to date – the new one million sq m terminal building at Barajas Airport in Madrid. Work is also continuing on Heathrow's Terminal 5, the Welsh Assembly and the new law court building in Antwerp, which is set to open its doors in September and was designed in collaboration with Belgian architect VK Studio. With a major mixed-use development in Yoido, Korea, now under way, a wave of new recruitment at the practice looks likely. RRP is also aiming to increase the number of female architects employed at the firm to 35 per cent within the next two to five years, and is already looking into introducing flexible working practices.



Above left: Ruddle Wilkinson's winning Innovation Centre plan. Above right: Fletcher Priest's masterplan for Stratford City. Left: DLG's proposal for 14 Cornhill on Lombard Street, London

40

Cooper Cromar

▲ Last year: 46

The fourth biggest practice in Scotland has had a year to remember, with a far higher profile than ever before. This, in large part, was down to the 39-storey Eliphinstine Place in Glasgow, which has just won planning permission. Other projects of note include the 300 residential unit competition-winning Glasgow Harbour scheme. However, partner Alan Stark insisted that the office has never sought publicity. 'We tend to get on with building rather than enter awards,' he said.

=41

Charter Architects

▲ Last year: =53

The largely East Anglian-based practice has jumped 12 places in the last 12 months. With a project range totalling over £500 million, the firm picked up the Homes for Life Gold Award in 2004 for its Port Marine Fisherman's Village.

=41

Stephen George & Partners

▲ Last year: =50

This company is the third biggest in the Midlands, with more than 100 full-time employees. Projects to come in the forthcoming year will include student housing, mixed-use residential and commercial developments, and new village developments.

43

Ruddle Wilkinson

▲ Last year: =58

A great year for Peterborough and London-based Ruddle Wilkinson, which has seen it motoring up the AJ100 league table. This leap must surely have been fuelled by a 42 per cent increase in fee income on the previous 12 months, causing the value to top £2 million. The company's strategic decision to focus on top-quality design was backed up by the appointment of Robert Keefe, previously of Sheppard Robson, as design director.

44

CDA

▲ Last year: 48

CDA – otherwise known as Comprehensive Design Architects – is a largely Edinburgh-based firm with a small London presence. The office, which is the fifth biggest north of the border, has maintained its complement of 42 architects, but has dropped back four places on last year's AJ100.

=45

DLG Architects

▲ Last year: =68

The London and Leeds-based firm has jumped up 23 places. 'It has been a really successful year,' senior partner Tony Walker said. 'We have reached a mature stage for a series of projects.' These include the £100 million mixed-use Quarry Hill development in Leeds.

=45

Fletcher Priest Architects

▲ Last year: =53

Fletcher Priest has had a wildly successful year, having picked up planning permission for the massive £3.5 billion Stratford City masterplan, which it jointly devised with Arup Associates. Surely this work – part of one of the biggest planning applications ever seen in the capital – has helped catapult the firm up the AJ100. Another significant scheme is Derwent Valley's Telstar House, opposite Brunel's Paddington Station in London.

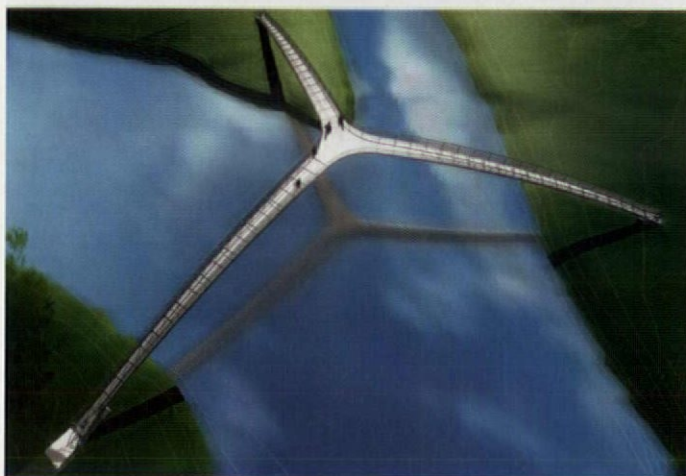


=47

Devereux Architects

▲ Last year: 56

The achievement of this practice exemplifies the success currently being experienced by offices focusing on healthcare in the UK. A jump of nine places shows that profit can be found in public sector work. The company – which has recently entered an alliance with Lacey Hickie and Caley in the West Country – is keen to expand its work in education; a strategy illustrated by the London School of Hygiene and Tropical Medicine. 'We are interested in working in all areas of higher education,' the firm's Nicholas Allen said, 'particularly as the selection processes are so rigorous.'



Above: Terry Farrell & Partners' proposals for a new aquarium in London. **Left:** Wilkinson Eyre's plans for a three-way bridge over the rivers Ribble and Calder in Lancashire. **Bottom left:** Squire and Partners' British Embassy in Nairobi, Kenya

=47

Squire and Partners

▼ Last year: =31

A slower year for the King's Cross-based firm that has seen it drop 16 places from 2003. Michael Squire admits as much himself. 'It has been an incredibly active and dynamic year,' he said. 'But the truth of the matter was that the three very large projects we were working on over the past two years have all now completed. This amounted to £500 million of work that has finished.' However, Squire has been picking up a healthy batch of work in recent months, including a couple of limited competition wins, so expect the office to be back in the mix in 2006.

=47

Terry Farrell & Partners

▼ Last year: =26

In January 2005, Farrell completed work on the Home Office Headquarters in Westminster – the first new landmark government building to be built in London for nearly 10 years. Farrell is currently working on the design of Biota! – a world-class visitor attraction. This is a large-scale aquarium, central to overall plans for the regeneration of the Thames Gateway. Farrell continues to advocate the need for a coherent vision for the remaking of the Thames Gateway, and ideas for the creation of a new National Park are gaining momentum. His practice is also enjoying success in the Far East, leading a number of ongoing commissions from its Hong Kong office in sectors including transportation, education, retail and residential.

=50

Wilkinson Eyre Architects

▲ Last year: =84

A fantastic year for the double Stirling Prize-winner, which culminated in an opening of its Venice Biennale exhibition 'Reflections' at the Wapping Project in east London. The office has jumped spectacularly from joint 84th place in last year's AJ100 to joint 50th this time round. There is also no lack of confidence; the practice estimates that its fee income will rise by 75 per cent in the next 12 months.

PROJECTS OUTSIDE THE UK

Continent	2005	2004	2003	2002	2001	2000	1999
Western Europe	49%	64.5%	57%	62%	65%	26%	54%
Eastern Europe	4%	4%	7%	2%	6%	12%	13%
America	13%	8%	14%	11%	7%	15%	6%
Middle East	15%	10%	3%	5%	3%	12%	9%
Far East	17%	10%	11%	16%	12%	13%	13%
Australasia	0	1%	6%	2%	3%	12%	1%
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SVB Building, Rotterdam, Holland, using HyClad SuperBrush®

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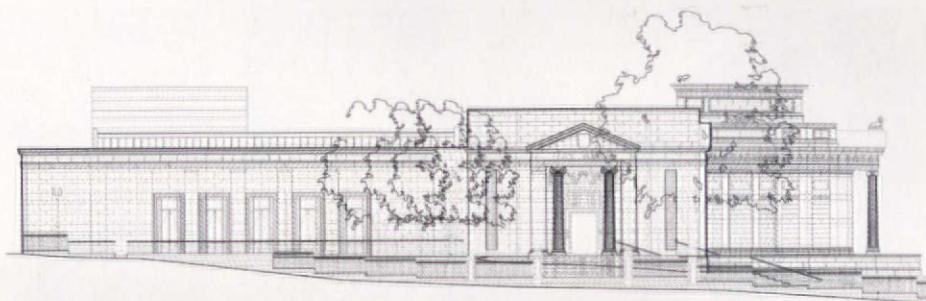
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=50**Ellis Williams Architects**

▲ Last year: =37

The north-west's biggest practice is on bullish form. The company certainly shows no lack of confidence, believing that its fee income is set to jump by 35 per cent in the next 12 months – so expect to see it soar in next year's AJ 100. According to its website, the firm has spent its past 'preparing for its future...' Watch out, they're coming to get you.

**=52****Hunter & Partners**

▲ Last year: =58

Hunter & Partners has increased its position slightly this year. However, the Colchester-based multidisciplinary firm will have to go some way to making up the ground it lost in 2003, when it slipped 23 places.

=52**Donald Insall Associates**

▲ Last year: 57

One of the few conservation architects to make it onto the top table, Donald Insall Associates has continued to grow over the past year. Its London office has expanded and taken new drawing space.

=54**Purcell Miller Tritton**

▲ Last year: =84

Following the merger with Martin Stancliffe Architects, Purcell Miller Tritton claims it is now the UK's largest conservation practice, despite falling below Donald Insall Associates in this year's AJ100. During the past year, the firm polished off the restoration of the Grade I-listed Danson House in Bexley, Hawksmoor's Christ Church in Spitalfields and the west front of St Paul's Cathedral. The practice is also developing a portfolio of museum schemes, including the Time and Tide Museum in Great Yarmouth.

=54**Hopkins Architects**

▲ Last year: 68

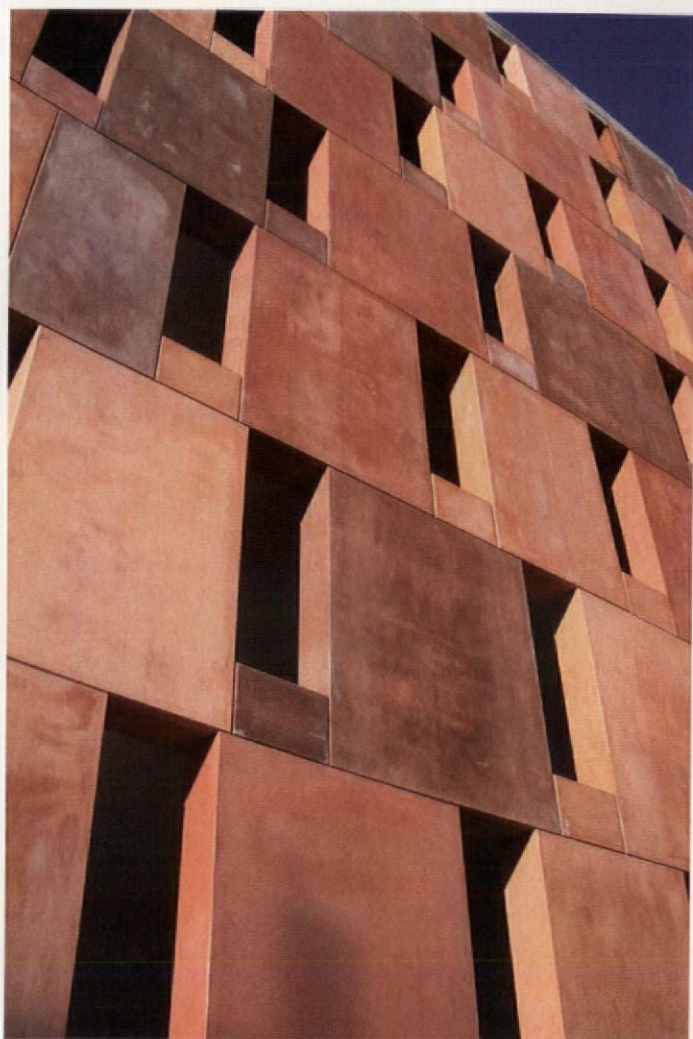
2004 was a good year for this high-profile London signature office. Significant completions since the last AJ100 include the Wellcome Trust building on the Euston Road and the Evelina Children's Hospital at Guy's and St Thomas' in London. One of its forthcoming projects is the competition-winning Forestry & Environmental Studies Faculty building at Yale University, and this firm has the fourth highest fee income from competition-winning projects.



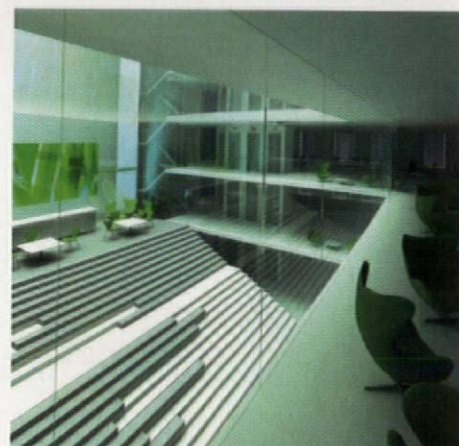
Above: Purcell Miller Tritton's plans for Sheffield's Western Park Museum. Left: Hopkins Architects' designs for a new residential tower in Dubai

NUMBER OF QUALIFIED UK ARCHITECTS

North-west	2004	2003
Ellis Williams Architects	39	48
Taylor Young	31	28
Halsall Lloyd Partnership	25	25
Lancashire County Property Group	11	11



Left: David Chipperfield's EMV housing scheme in Madrid. Above: GMW's Chartered Institute of Personnel and Development in Wimbledon, London. Right: Grimshaw's winning scheme for the LSE's new academic building



=56

Barton Willmore

▲ Last year: =65

There's no lack of confidence from Barton Willmore, a planning and property consultancy that has climbed a few places this year. According to the company's marketing literature, it is 'the leading planning, regeneration and design consultancy in the UK'. What's life without ambition, eh?

=56

David Chipperfield Architects

▼ Last year: 55

A quiet year for Chipperfield, although the brilliant London and Berlin-based practice has managed to pretty much hold onto its position. Close to completion are schemes such as the office's EMV Madrid housing development, while the competition-winning Museum of Alaska in Anchorage is expected to start on site later this year. Other forthcoming highlights could also include a museum in Warsaw celebrating the 800-year history of Poland's Jewish community – a scheme for which Chipperfield has now been shortlisted. 'We are really concentrating on building buildings at the moment,' partner Paul Crosby said. 'And there are a few of these that should complete in the next year.' Watch this space.

=56

GMW Architects

▼ Last year: =40

Not a great year for GMW Architects, as the practice now employs 11 fewer architects than it did at the last count. However, its commitment to designing regional airports in the Chinese market ought to see the west London office bounce back a little over the coming 12 months.

=59

John McAslan + Partners

▲ Last year: =93

An extraordinary jump has seen McAslan catapulted from joint 93rd place last year to joint 59th this time round. The west London firm has taken on some unusual projects, such as a feasibility study into the Marble Arch junction, including the possibility of moving the iconic structure to a completely new location. The practice has also won an engineering-led competition to redevelop Birmingham's appalling eyesore, New Street station, a project originally undertaken by Will Alsop. A large number of schemes currently on the go suggest that the only way is likely to be up for McAslan during the rest of 2005. The firm takes home the third highest income from competition-winning jobs.

=59

RH Partnership Architects

▲ Last year: =68

October 2004 saw the Cambridge and Brighton practice celebrate its 30th birthday in the Dining Hall at New Hall, Cambridge – a refurbishment project that the partnership had finished two years before. Last year, RH began renovation work on Denys Lasdun's iconic ziggurats at the University of East Anglia.

=59

Hawkins\Brown

▲ Last year: =65

An interesting year for Hawkins\Brown culminated in the revelation that the Shoreditch office would take on the potentially contentious renovation of Sheffield's Brutalist masterpiece, the Park Hill Estate. Other schemes picked up during the past 12 months include a new mixed civic and cultural centre for Corby in the Midlands.

=59

The Parr Partnership

▼ Last year: =58

An extremely stable year for Scotland's sixth biggest practice, but no change in the number of architects represented a one-place drop in the AJ100 rankings.

=63**Jestico + Whiles**

▲ Last year: =82

Moving swiftly up the AJ100, Jestico + Whiles has had a busy year. The firm has been immersed in three new city academies and has won two major housing schemes – one near Canary Wharf at Limehouse Cut, and one at Royal Quay – and is also now on-site with a housing scheme at Gray's Inn. There are four other major projects for housing associations, including a large and interesting low-rise, mixed-use scheme on Kingsland Road in Hackney, east London. Jestico + Whiles has also recently won three Hilton Hotels. Meanwhile, the firm's Prague office is working on leisure and hotel projects in Bratislava, Prague and Moscow, and the company is expanding into Asia and India.

**=63****Bond Bryan Partnership**

▲ Last year: =74

This Sheffield-based practice is notable for the fact that it has occupied the Crookes Congregational Church since 1989 and also that it has successfully increased its income from architectural fees by 40 per cent.

=63**Grimshaw**

▼ Last year: =58

It is surprising that Grimshaw has dropped a place on last year, given the vast spectrum of work being undertaken by the London architect. A highlight for Nicholas Grimshaw himself was his election to the top spot at the Royal Academy. And for the practice, schemes such as the Dubai tower, skilfully weaving tradition with technology, and the Fulton Street Transit Center in New York, will provide high points for the year ahead.

=66**Penoyre & Prasad**

▼ Last year: =65

London-based Penoyre & Prasad has had a steady year, neither recruiting more architects nor changing position dramatically in the AJ100. However, the firm's bosses will have experienced frustration that its attempt to win small-scale PFI work has failed to bear any fruit. One scheme to look out for in the coming months will be a largely residential masterplan in Gravesend, Kent.

=66**Sidell Gibson Architects**

▼ Last year: =58

A pattern of decline is emerging here. In 2003 the firm was 35th; in 2004 it was joint 58th; and, despite talk of 14 architects to be taken on last year, they weren't, and 2005 sees another drop.

=66**Wimberley Allison Tong & Goo**

▼ Last year: =58

The international firm has had a mixed year in the UK, one that has seen it slide a little down the chart. However, highlights have included a new Emirates Palace in the Middle East.

=66**HLM Architects**

▼ Last year: 49

A year of sensible consolidation for HLM after a management buy-out following the financial collapse of its American parent company HLM Design. The directors say this period is now over and the rest of 2005 promises steady expansion.

=70**YRM Architects Planners Designers**

▲ Last year: =80

Things are looking up for YRM, with continuing work for British Airways at Heathrow, along with health and tertiary education projects. The John Radcliffe Emergency Department received the 2004 Best Designed Hospital Award, while the Brunel 'Gateway' Health Sciences building has just started on site.

Right: YRM's Brunel 'Gateway' Health Sciences building.
Above: Jestico + Whiles' proposals for a new Hilton Hotel in London at More London





Above: Michael Aukett Architects' contentious plans for the Croydon Gateway site. Left: HTA Architects' proposals for a new community in West Hendon

=74

Michael Aukett Architects

1 New Entry

One issue that has dominated the interest of the press in this office is Michael Aukett's ongoing council-backed planning application for the highly controversial Croydon Gateway scheme. However, other business for the firm must be good, since it has recruited 15 architects, doubling its registered manpower. A very impressive new entry.

=74

NPS Property Consultants

1 New Entry

NPS – also known as Norwich Property Services – has had a successful year, growing from just 16 architects to 30 in 12 months. There firm is the eighth fastest grower in terms of the number of architects it employs. And the company's bosses certainly expect this to continue; they have predicted that they will take on 55 more architects in 2005.

=74

HTA Architects

▲ Last year: =90

For London-based HTA Architects – Ben Derbyshire's practice – 2005 represents a three-year high watermark. Last year, the office was joint 90th, and before that it was 87th. The firm's focus remains very much on community architecture, and it has regeneration projects dotted all over the country.

=74

Lewis & Hickey

▼ Last year: =26

Lewis and Hickey has suffered what can only be described as a very disappointing slide. However, the firm's boss, Tim Hall, remains upbeat about the potential in the year ahead. 'We are making progress and I'm definitely seeing the office market coming back,' he says. Additionally, Hall maintains business was good, and it boasts long-term retail clients such as Marks & Spencer and Habitat, while the office has just reached a framework agreement with the Office of Government Commerce.

=79

John Thompson & Partners

1 Re-entry

John Thompson & Partners has had a very good year, perhaps inspired by the increasing acceptance of new urbanism and design codes – ideas that Thompson has long espoused in his work with the Prince of Wales. One of the highlights of the past 12 months for the practice was winning a project to design a massive new urban quarter on the outskirts of Moscow, but the firm has also been busy working on a variety of other projects over the year, including a private design coding exercise in Cirencester. The practice has also expanded its office in Edinburgh.

=70

GHM Consultancy Group

▲ Last year: =78

The GHM Consultancy – the group that includes GHM Rock Townsend, the practice of past RIBA president David Rock – has had a good year. Nothing, however, has matched its performance in 2003, when it won 'Best of the Best' at BCO Annual Awards for its new offices for the Pentland Group in Finchley.

=70

Hadfield Cawkwell Davidson

▲ Last year: =74

This has been something of a stabilising 12 months for the Sheffield-based multidisciplinary office, after a fairly drastic slide last time round, when the firm slipped from 32nd place to 74th. But there is now reason for optimism, according to partner Nigel Morley. 'All the sectors are strong at the moment, which is why we are optimistic,' he said. 'We are starting on site with several big projects and things are looking up.'

73

Taylor Young

▲ Last year: =84

The past 12 months have seen Taylor Young jump 11 places – an increase that has put the Cheshire practice at number two in the north-west. In 2004, the office completed Deane Tower for the Bolton Institute – which entailed the wholesale overhaul of the existing 1960s tower block.

=74

Holder Mathias Architects

1 Re-entry

A rise in the number of architects has seen this firm surge to the top spot in Wales. The highpoint of the year for the practice has been winning the job with Piers Gough to design the first phase of Will Alsop's Barnsley masterplan.

NUMBER OF QUALIFIED UK ARCHITECTS

Wales	2004	2003
Holder Mathias Architects	30	26



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Above: the atrium of Gensler's London Stock Exchange scheme. Left: Acanthus Lawrence & Wrightson's Centrium Housing in Woking

=79

Oxford Architects

▲ Last year: =68

This practice – unsurprisingly based in Oxford, in addition to having offices in London and Bristol – has dropped a few places in the past 12 months, but is still enjoying a relatively successful period. It works in an eclectic group of fields, ranging from defence work to medical, commercial and healthcare.

=81

Atkins Walters Webster

▲ Last year: =95

The third biggest practice in the south-west, Atkins Walters Webster has become rather notorious over the last year for employing absolutely no female architects. This situation is now being remedied – four staff members are part-qualified women, likely to boost the practice's ratio imminently. Among the current workload is a £2 million scheme to completely overhaul and extend one of Bristol's longest-running comedy clubs, Jesters.

=81

Levitt Bernstein Associates

▲ Last year: 89

From one extreme to the other. Levitt Bernstein has the highest ratio of women of all the top 100, with an astonishing 50 per cent. How this is possible remains unclear – one explanation could be a positive discrimination recruitment policy. Other than that, it has been a fairly average year for the firm, featuring the addition of just one architect. Completions included the award-winning Pimlico Village, a mixed-use scheme on a tight site including private and social housing over a supermarket.

=83

Seymour Harris Architects

🚫 Re-entry

Another re-entry, Seymour Harris has offices in London, Leeds, Bristol, Birmingham and Cardiff. With 26 architects throughout these locations, could the practice – which claims to specialise in difficult inner city sites – now be firmly ensconced back in the AJ100?

=83

Acanthus Lawrence & Wrightson

▲ Last year: =90

A small jump for this Chiswick-based practice, which is part of the Acanthus network of practices set up by RIBA president George Ferguson. The firm – which works largely on transport and 'lifestyle housing' – is currently working on a housing scheme called Centrium for Barratt in Woking.

=83

Feilden + Mawson

▲ Last year: =84

This firm has been catapulted from relative regional obscurity to national prominence in the past few months, after the announcement that it has won the job to oversee the transformation of the Middlesex Guildhall into the UK's new Supreme Court. This project – which is being designed in conjunction with Foster and Partners – should keep the practice busy for the next year or two.

=83

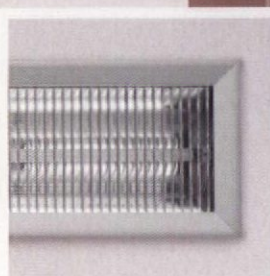
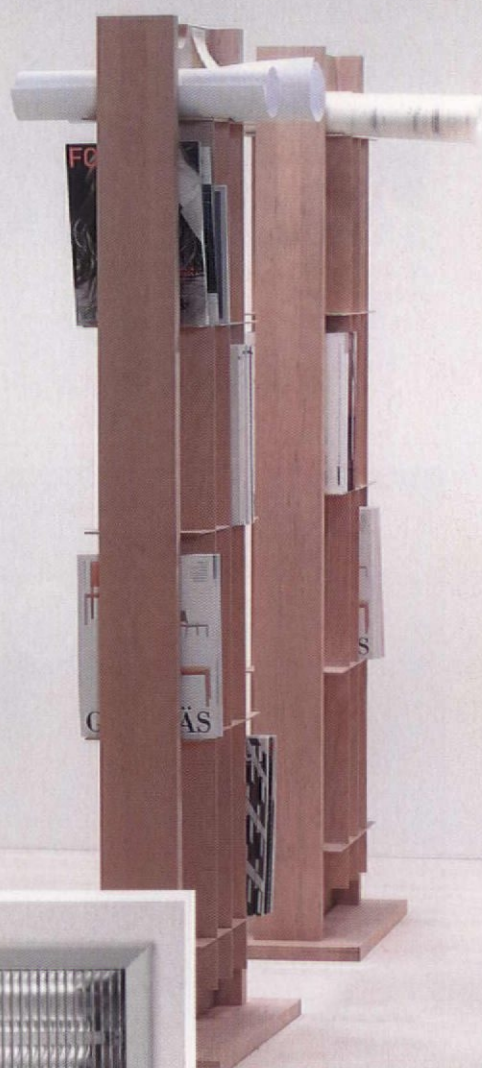
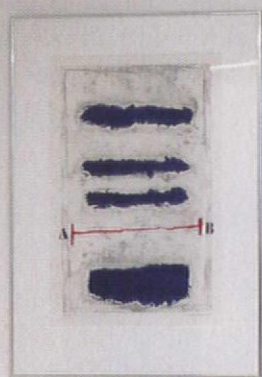
Gensler

▼ Last year: =80

Nothing much has changed for Gensler over the past 12 months. The London office of this international firm has not had such a high-profile year as the one it experienced in 2003, when it opened its extraordinary GCHQ building. However, it was in 2004 when the awards for the spy centre came flooding in, including the presentation of the Special Judges Award at the British Construction Industry Awards 2004.

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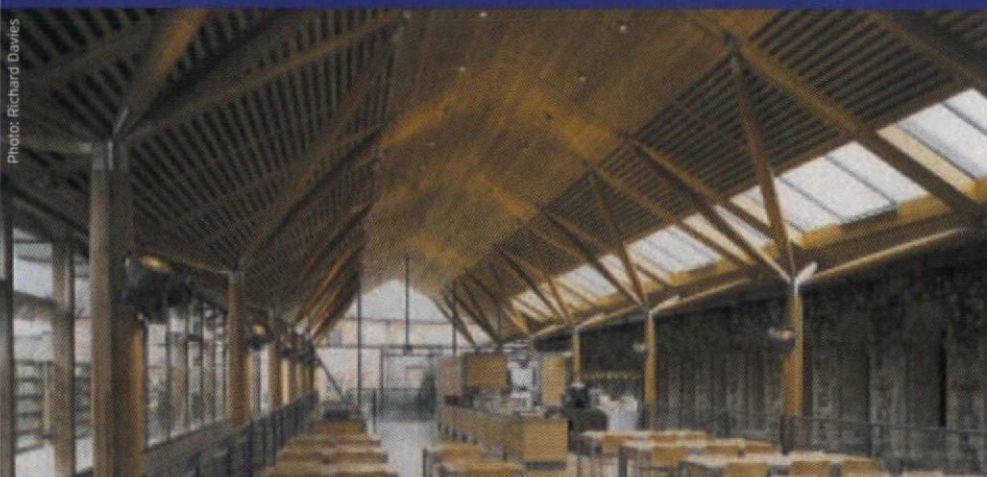
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2005

deadline 20th may

Call for entries

Photo: Richard Davies

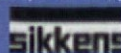


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winning with wood



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**=87****ORMS Designers & Architects**

▼ Last year: =84

Despite a small drop this year, ORMS' managing director Ahmet Huseyin remains upbeat about his Clerkenwell-based office's future. 'Things are going very well,' he said. 'The practice has won planning permission for a 25-storey tower on Bishopsgate and we have masterplanning projects in Ireland and in France.'

=87**Fitzroy Robinson**

▼ Last year: =74

An extraordinary 2004 for this London-based office has seen it take part in one of the biggest mergers the British architectural firmament has seen for years. The deal – which saw it join forces with the troubled Aukett to become Aukett Fitzroy Robinson – has now completed, but too late for the AJ100 deadline. As an independent company, it dropped six architects and fell 13 places.

=87**S&P Architects & Interior Designers**

▼ Last year: =74

In spite of a hefty fall down the AJ100 table, 2004 has been an extremely memorable year for S&P Architects. The reason? The office is the lesser known half of the architectural team designing the Olympic Swimming Complex in east London with Zaha Hadid. The office is certainly pleased to be involved with the project. 'This is the most excited I've ever been about anything, ever,' director Peter Simpson enthused. 'Its brilliant.'



Top: Fitzroy Robinson's Narrow Quay. Above: S&P's plans for the Olympic pool, developed with Zaha Hadid



=90

Michael Laird Architects

▲ Last year: =95

A steady year in the lower echelons of the AJ100 for this Edinburgh-based office, the eighth biggest practice north of the border. Projects expected to keep the firm busy in the next few months include Edinburgh Quay, a £60 million mixed-use development at the eastern terminus of the restored Union Canal.

=90

Halsall Lloyd Partnership

► Last year: =90

Absolutely none of the statistics for this Liverpool, Preston, Nottingham, Newcastle and Leominster multidisciplinary firm have changed since last year's AJ100. Halsall Lloyd is a steady ship, it would seem.

=92

Lyons Sleeman Hoare

▼ Last year: =82

Largely known as a retail specialist, this Hampshire office claims to be breaking away from the restraints of shopping projects. 'You cannot just be a retail architect anymore,' the practice's Anthony Smitt said. 'These days you have to break out into other areas as well.' The practice is, however, still retained to do fit-outs for Marks & Spencer's existing stores.

=92

Paul Davis & Partners

▼ Last year: =78

The London-based firm has dropped 14 places since last year's AJ 100, but has begun a major recruitment drive to fulfil 'a substantially growing national and international workload of diverse projects'. Among them is a large mixed-use scheme in London's Docklands, a new 46-storey residential skyscraper in Hong Kong and the conversion of a former Red Cross headquarters in central London. Over the past 12 months the practice has completed the overhaul of the Grade-I listed Cadogan Hall – which is now a 900-seat concert hall for the Royal Philharmonic Orchestra – the 26-storey Grosvenor Place tower in Hong Kong, and a mixed-use scheme in London's Sloane Square, which features the longest spanning structural glass beams in Europe.



Top: Pick Everard's Vet School. Above: Paul Davis & Partners' Sloane Square mixed-use project

Right: David Morley Architects' Campus project in Weston-super-Mare



=94

Architects Co-Partnership

▲ Last year: 100

This Hertfordshire-based firm, which has a distinguished pedigree, has climbed a few places this time round, and now looks to be a serious player. Last year it was the very last of the AJ100.

=94

SOM

▼ Last year: 25

An abysmal year has seen the London office of this massive multinational suffer an extraordinary loss of architects. One widely reported reason for this dramatic slide was that its much-vaunted proposals for a new NATO headquarters building were put on hold. Its problems were compounded last autumn when Larry Oltmanns, very much the public face of the office, mysteriously left the firm. The practice now appears to be back on track, with a major planning application being submitted for a large office building on London's Bishopsgate. There is also a new management structure in place in London, including people who claim the firm is committed to the UK market. SOM also now reports that design work is recommencing at the NATO building. But don't hold your breath, as the massive international organisation must be the ultimate multi-headed client. The official line is that the future of SOM's London base is now safe...

96

Pick Everard

▼ Last year: =93

It has been a reasonable year for this architecture and engineering firm, which has seen it turn its sights on the public sector. 'We are targeting education across the board,' said business development manager Pick Everard.

97

Parsons Brinckerhoff

▼ Last year: =95

This huge multidisciplinary international firm straddles the entire globe, with more than 8,000 employees. It also maintains impressive coverage in the UK, with offices in London, Newcastle, Chester, Manchester, Glasgow, Godalming and Cardiff.

=98

David Morley Architects

① New Entry

There is, perhaps surprisingly, much more to this practice than cricket academies. However, there is still a perception that this is all it does, probably perpetuated by sports-mad news journalists. 'There is a lot happening in sport, leisure and university sectors,' David Morley said. 'But we are also branching out into more commercial fields.' So there you go, not just a leather-and-willow practice. Having said this, the sport sector is still very important to the firm. Perhaps Morley's highest profile scheme of 2004 was the continuing work on the design of a surprisingly uncontentious 'Multi-sport Hub' in Regents Park, which will provide new facilities for central London neighbourhoods.

NEW WORKS OPPORTUNITIES*

Sector	2005	2004	2003	2002	2001	2000	1999
Other public building	42%	41%	47%	41%	20%	22%	26%
Public housing/Housing Association	20%	12.5%	11%	6%	10%	6%	6%
Private housing	15%	18.5%	16.5%	13%	18%	17%	10%
Offices	8%	5%	0.5%	10%	17%	12%	9%
Retail	6%	9%	6%	9%	6%	12%	15%
Transport	4%	7.5%	12%	11%	7.5%	9%	n/a
Arts and leisure	3%	3%	4%	6%	12%	18%	29%
Conservation	1%	3%	2.5%	2%	3.5%	3%	n/a
Industrial	1%	0.5%	0.5%	2%	6%	1%	5%

*Sectors with the most UK potential during 2005 compared with the same predictions from 2004 to 1999

=98

Associated Architects

1 New Entry

It has been a very positive 12 months for one of the West Midlands' best known design-focused practices, which has seen Birmingham-based Associated Architects make its first appearance in the AJ100. 'This really was a good year,' managing director Paul Lister said. 'We have picked up a lot of repeat business.' Other notable achievements for the practice included getting onto the Birmingham Schools Framework Agreement, which will allow it to take part in work on other sectors, including commercial development and masterplanning. Perhaps its most successful building of 2004 was a new theatre for the Queen Mary School, a project that picked up one of Yorkshire's much sought-after White Rose Awards.

100

Stubbs Rich Architects

▼ Last year: =98

Stubbs Rich has dropped a couple of places this year, but just managed to hold onto a spot at the top table. 'Things have all been going well for us,' director John Rich said. 'It's just that 2003 was an exceptional year.' Currently the office is consolidating its work in masterplanning while also setting its sights on the booming healthcare market.



Above: proposals for a masterplan for Thane by Stubbs Rich Architects. Left: the Queen Mary School's new theatre by Associated Architects



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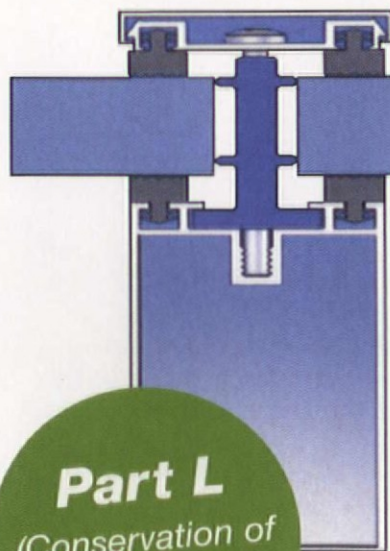
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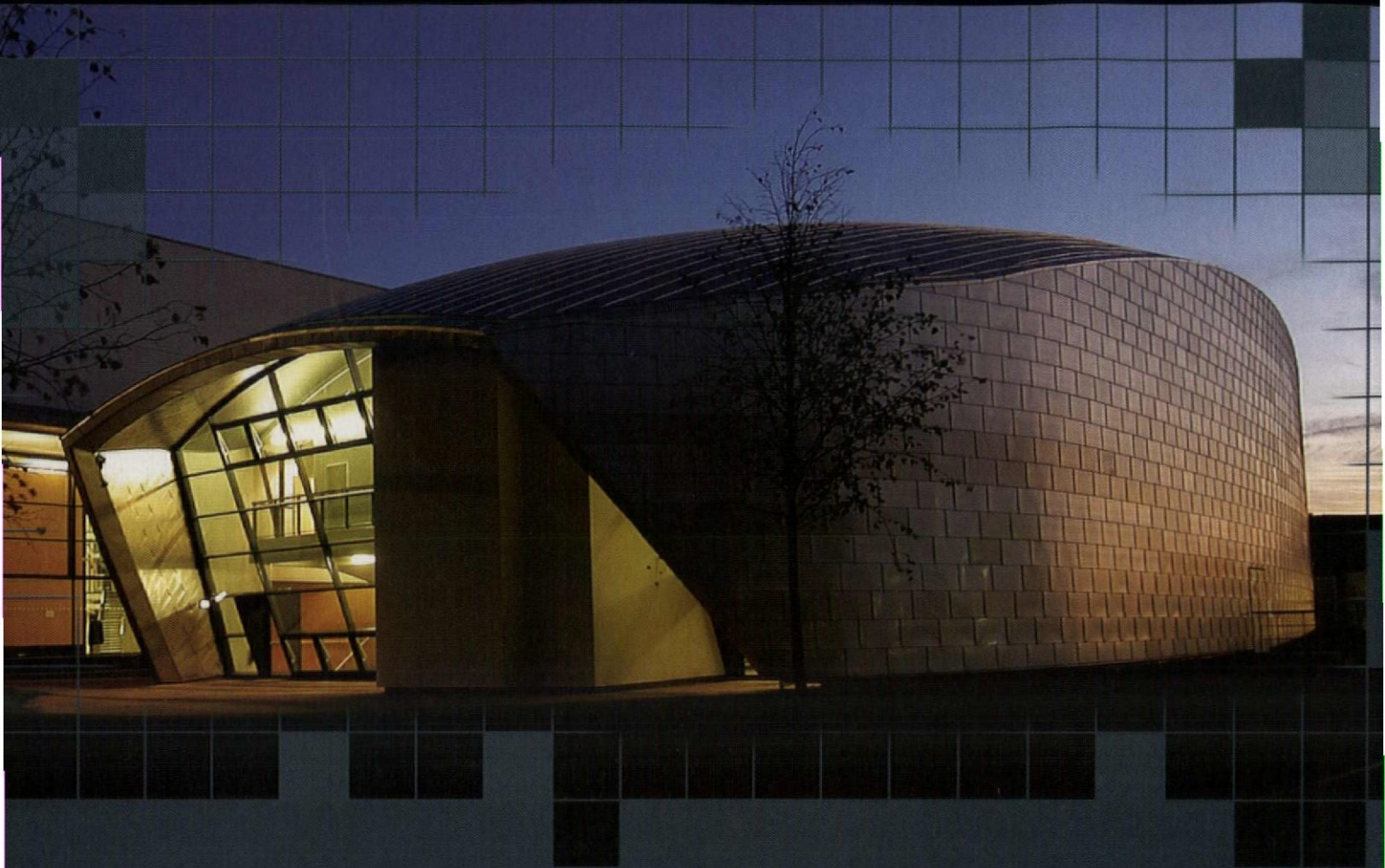
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**ANDREW MURRAY,
CAPITA PERCY THOMAS**

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**KATY HARRIS,
FOSTER AND PARTNERS**

TOTAL UK FEE INCOME

	2004
1 Capita Percy Thomas	£162,500,000
2 RPS Group	£107,250,000
3 Parsons Brinckerhoff	£86,000,000
4 BDP International	£57,300,000
5 Foster and Partners	£42,546,000
6 HOK	£39,600,000
7 TPS Consult	£28,790,000
8 Aedas	£28,500,000
9 Broadway Malyan	£22,700,000
10 NPS Property Consultants	£18,400,000
11 PRP Architects	£17,469,210
12 Sheppard Robson	£16,637,000
13 RMJM	£14,024,000
14 Gensler	£13,800,000
15 Anshen Dyer	£13,556,033
16 Nightingale Associates	£13,500,000
17 Chapman Taylor	£12,300,000
=18 Allies and Morrison	£11,700,000
=18 Richard Rogers Partnership	£11,700,000
20 Stride Treglown	£10,496,163
21 Kohn Pedersen Fox Associates	£10,000,000
22 Benoy	£9,800,000
23 Hunter & Partners	£9,400,000
=24 Hamilton Associates	£9,000,000
=24 Llewelyn Davies	£9,000,000

UK ARCHITECTURAL FEE INCOME

	2004	2003	Per qualified architect
1 Foster and Partners	£42,546,000	£41,814,000	£244,517
2 HOK	£39,600,000	£32,100,000	£241,463
3 BDP International	£30,400,000	£24,700,000	£126,141
4 Aedas	£25,000,000	£22,000,000	£145,349
5 Broadway Malyan	£21,000,000	£16,500,000	£205,882
6 Capita Percy Thomas	£20,000,000	–	£140,845
7 RPS Group	£16,800,000	£14,400,000	£305,455
8 PRP Architects	£16,557,210	£13,644,039	£137,977
9 Sheppard Robson	£14,905,000	£11,990,000	£181,768
10 Nightingale Associates	£12,500,000	£10,800,000	£78,125
11 Chapman Taylor	£12,300,000	–	£178,261
=12 Allies and Morrison	£11,700,000	–	£158,108
=12 Richard Rogers Partnership	£11,700,000	£12,200,000	£248,936
14 RMJM	£9,908,000	£11,662,000	£133,892
15 Anshen Dyer	£9,846,591	£8,731,779	£95,598
16 Benoy	£9,800,000	£7,500,000	£148,485
=17 Hamilton Associates	£9,000,000	£7,000,000	£163,636
=17 Kohn Pedersen Fox Associates	£9,000,000	£8,400,000	£187,500
19 T P Bennett	£8,800,000	£7,800,000	£157,143
20 RyderHKS	£8,736,110	£7,980,300	£161,780
21 RHWL Architects	£8,700,000	£8,200,000	£120,833
22 Carey Jones Architects	£8,592,255	£6,700,000	£182,814
23 Gensler	£8,500,000	£4,800,000	£314,815
24 Stride Treglown	£8,385,000	£7,441,136	£133,095
25 Chetwood Associates	£8,250,000	£8,000,000	£116,197

We only enter certain types of competition and certain types of developer competition, and these are mainly the mixed-use, retail-led regeneration projects. The thing that differentiates us from the rest is that we really understand our clients' businesses. We get under their skin and come up with the unique architectural solution to their needs. We are selective about which competitions we go in for – as much as I believe that I could design an opera house, we only enter the contests that we think we can win. I don't think we'd win an opera house competition as we are.

**NIGEL WOOLNER,
CHAPMAN TAYLOR**

We were early to get involved with PFI and have been working within the system pretty much since the government adopted it. We have a reputation for delivery and we also have sectoral strengths in education and health, but especially in education. Aedas has not just won these jobs through being big – you have to win them through being good as well. There are, however, still issues with PFI on a design front, but we are working with our clients and contractors to try to improve the system.

**PETER OBORNE,
AEDAS**

UK ARCHITECTURAL FEE INCOME GENERATED BY WORK WON THROUGH COMPETITIONS

	2004	Amount of total income	Estimated change 2005	Total fee income
1 Chapman Taylor	£8,610,000	70%	+70%	£12,300,000
2 Kohn Pedersen Fox Associates	£4,050,000	45%	+5%	£9,000,000
3 John McAslan + Partners	£3,990,000	70%	+70%	£5,700,000
4 Hopkins Architects	£3,750,000	75%	+60%	£5,000,000
5 David Chipperfield Architects	£3,729,600	80%	+80%	£4,662,000
6 Wilkinson Eyre Architects	£3,633,404	75%	+5%	£4,844,539
7 Gensler	£3,400,000	40%	+5%	£8,500,000
8 Reid Architecture	£3,200,000	40%	+10%	£8,000,000
9 TPS Consult	£3,065,400	60%	+50%	£5,109,000
10 Grimshaw	£2,800,000	50%	+50%	£5,600,000
11 Swanke Hayden Connell Architects	£2,775,000	75%	–	£3,700,000
12 PRP Architects	£2,649,154	16%	+2%	£16,557,210
13 RPS Group	£2,520,000	15%	0%	£16,800,000
14 Aedas	£2,250,000	9%	+11%	£25,000,000
15 Pollard Thomas Edwards Architects	£2,046,100	35%	+15%	£5,846,000
16 HOK	£1,980,000	5%	0%	£39,600,000
17 Wimberly Allison Tong & Goo	£1,750,000	35%	+28%	£5,000,000
18 RyderHKS	£1,747,222	20%	0%	£8,736,110
19 Sheppard Robson	£1,490,500	10%	+10%	£14,905,000
20 Charter Consultant Architects	£1,320,000	20%	–	£6,600,000
21 RHWL Architects	£1,305,000	15%	0%	£8,700,000
22 Stride Treglown	£1,257,750	15%	+5%	£8,385,000
23 GMW Architects	£1,120,000	20%	+20%	£5,600,000
24 David Morley Architects	£1,018,847	60%	-10%	£1,698,079
25 Anshen Dyer	£984,659	10%	0%	£9,846,591

UK ARCHITECTURAL FEE INCOME GENERATED FROM PFI PROJECTS

	2004	Amount of total income	Estimated change 2005	Total fee income
1 Aedas	£11,250,000	45%	+10%	£25,000,000
2 BDP International	£10,640,000	35%	+10%	£30,400,000
3 HOK	£9,900,000	25%	+10%	£39,600,000
4 Anshen Dyer	£7,384,943	75%	0%	£9,846,591
5 Capita Percy Thomas	£5,000,000	25%	+5%	£20,000,000
6 Llewelyn Davies	£4,200,000	70%	-25%	£6,000,000
7 Nightingale Associates	£3,750,000	30%	+20%	£12,500,000
8 RyderHKS	£3,494,444	40%	+20%	£8,736,110
9 jmarhitects	£3,150,000	45%	-5%	£7,000,000
10 TPS Consult	£3,065,400	60%	+50%	£5,109,000
11 Architects Co-Partnership	£3,059,854	75%	+75%	£4,079,805
12 Scott Brownrigg	£2,418,000	31%	+16%	£7,800,000
13 Hunter & Partners	£2,400,000	30%	+5%	£8,000,000
14 HLM Architects	£2,250,000	30%	–	£7,500,000
15 Swanke Hayden Connell Architects	£2,220,000	60%	+15%	£3,700,000
16 Gensler	£2,125,000	25%	+10%	£8,500,000
17 Keppie Design	£1,534,080	24%	0%	£6,392,000
18 Feilden Clegg Bradley Architects	£1,165,547	18%	0%	£6,475,262
19 Devereux Architects	£1,099,302	20%	+17%	£5,496,510
20 Penoyre & Prasad	£1,098,720	42%	0%	£2,616,000
21 Sheppard Robson	£1,043,350	7%	+8%	£14,905,000
22 RPS Group	£840,000	5%	0%	£16,800,000
23 Stride Treglown	£838,500	10%	+10%	£8,385,000
24 Chapman Taylor	£738,000	6%	0%	£12,300,000
25 PRP Architects	£662,288	4%	+1%	£16,557,210

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WHO EARNs WHAT

The survey took a look at salaries across the spectrum at all the AJ100 offices

ARCHITECT

AVERAGE SALARY

£33,506 LAST YEAR
£32,192

HIGHEST SALARY

£50,000 LAST YEAR
£40,000

LOWEST SALARY

£27,000 LAST YEAR
£25,000

PARTNER/DIRECTOR

AVERAGE SALARY

£75,887 LAST YEAR
£70,186

HIGHEST SALARY

£250,000 LAST YEAR
£171,000

LOWEST SALARY

£40,000 LAST YEAR
£40,000

PART 3 STUDENT

AVERAGE SALARY

£24,161 LAST YEAR
£22,931

HIGHEST SALARY

£32,700 LAST YEAR
£28,000

LOWEST SALARY

£16,960 LAST YEAR
£17,000

ASSOCIATE

AVERAGE SALARY

£42,668 LAST YEAR
£40,991

HIGHEST SALARY

£60,000 LAST YEAR
£53,350

LOWEST SALARY

£33,000 LAST YEAR
£32,000

YEAR-OUT STUDENT

AVERAGE SALARY

£17,040 LAST YEAR
£16,381

HIGHEST SALARY

£25,000 LAST YEAR
£23,000

LOWEST SALARY

£12,000 LAST YEAR
£12,000

PFI market aids wages

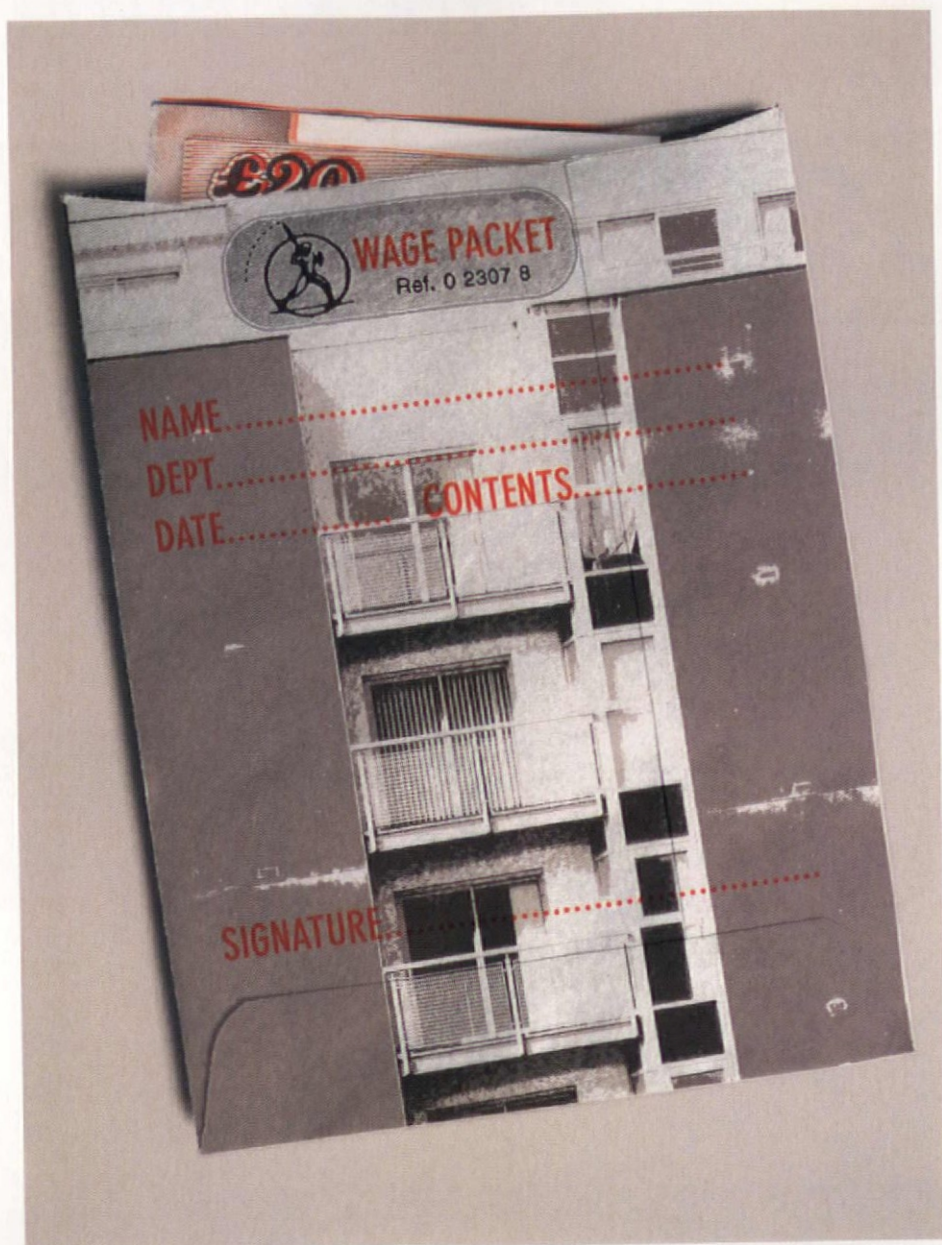
It has been a good year for the staff running practices across the AJ100.

From partner down to Part 3 students, there has been an average salary increase of 9.5 per cent. This is perhaps unsurprising, given the healthy markets in which most of these companies are working.

Looking at the individual submissions (which are, of course, anonymous), it becomes clear that the offices actively seeking, and winning, work in the booming PFI market, are generally those that are rewarding senior staff and employees with greater remuneration than others.

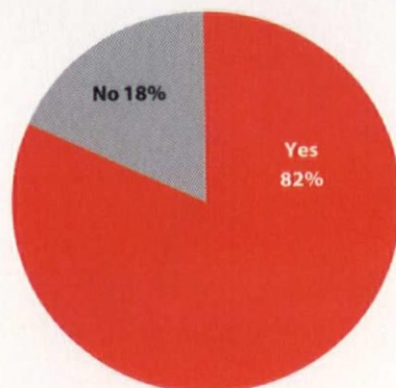
Equally, therefore, it cannot come as much of a shock that, in general, those still focusing on the commercial office market have not been quite so generous in pay packets this year.

All round, though, a good year, and a positive sign that major practices recognise that junior designers should receive better wages.

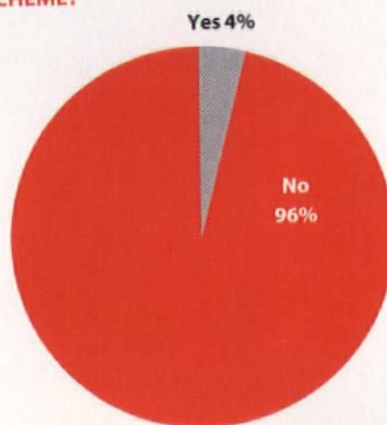


Pensions crisis looms

DOES YOUR PRACTICE HAVE A PENSION SCHEME?



IF SO, IS IT A FINAL-SALARY PENSION SCHEME?



Pensions have always been a tricky subject for architects – the profession does not yet seem to have got its head around the issue.

Research published in the AJ in April (see AJ 7.4.05) shows that 54 per cent of architects overestimate the potential income return from their pension plan, while 15 per cent missed the mark by 100 per cent or more. More than 33 per cent of architects will be forced to work beyond pensionable age, even if they do not want to.

Pension schemes are not understood by most firms and are not taken seriously by a lot of young architects, perhaps because they are poorly paid and rely on almost all of their income just to get by. The fact that the majority of the firms in the AJ100 have a pension plan neither means that there is a high take-up rate nor that the rest of the profession follows suit.

Most frighteningly, the research – carried out for pension firm Baillie Gifford Retail – shows that 34 per cent of the entire architectural community may not be saving enough to retire.

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Why do architects hate the Tories?

One of the most interesting questions in the past few years has been: why does the architectural community hate the Conservative Party so much? Obviously, there is no one simple explanation for the heavy political bias, but there are some fairly clear pointers.

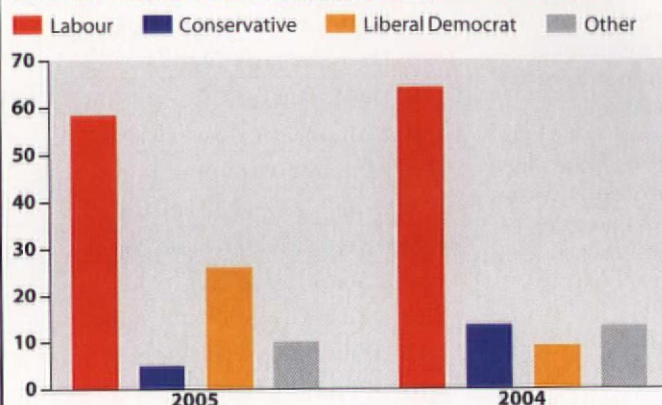
First, there is the fact that the Tories lack the sympathy for the design industries that can be found in the other two parties. Additionally, the Labour Party has a long-standing commitment to reforming both the planning and the listing systems – two of the larger frustrations of Britain's bigger practices.

There must also be a degree of self-interest from the large commercial practices in the AJ100. Many of these firms will undoubtedly have benefited – and will continue to benefit – from what can only be described as one of the biggest public-sector building booms since the end of the Second World War.

Also, there can be no pretence that there is not a degree of synthesis between Classicists with the Conservative Party on one side and Modernists with more left-leaning politicians. Let's be honest, the AJ100 is almost exclusively Modern in its outlook.

Perhaps the architectural community's current suspicion of the Tories was best summed up by RIBA president George Ferguson, speaking before the 2005 election. 'There's a feeling among the profession that they haven't taken the built environment as seriously as the other two parties,' he said. 'It's just possible that under a Tory government the relatively steady state that the industry has seen after the last two terms might wobble.'

HOW ARCHITECTS' VOTES CHANGED OVER THE PAST YEAR (%)



Source: Architects' Journal/Camargue

WHAT SPECIFIC POLICIES WOULD YOU LIKE THE NEW GOVERNMENT TO INTRODUCE?

'Carbon taxes. Improved design quality on PFI projects'

Peter Clegg

Feilden Clegg Bradley Architects

'Competitions for public buildings'

Julia Wright

Squire and Partners

'No wars! Or should I say a closer concentration on domestic issues, including sustainable development and less involvement in overseas political tussles'

Graham Hickson-Smith

Reid Architecture

'Deregulation'

Melissa Cullum

Atkins Walters Webster

'Help to raise public awareness of good, modern design in housing and the value of prefabrication'

Jenni Montgomery

Barton Willmore

'I would like some protection for the role of an architect and not just the name'

Robert Guy

S&P Architects & Interior Designers

'Exclude US architects from practising in the UK or apply the same pre-qualification rules as the US'

Laurie Chetwood

Chetwood Associates

'Improvement to state-school education (especially secondary inner London)'

Matthew Bunting

Michael Aukett Architects

'Join the Euro'

Paul Crosby

David Chipperfield Architects

'More continuity of policy'

Harriet Hindmarsh

Sheppard Robson

'Pan-European physical planning policy with approach to consistent development control parameters'

Tom Russell

Wimberly Allison Tong & Goo

'Simplify the PFI process, particularly the wasteful bidding system'

Brian Lightbody

Michael Laird Architects

Bottom of the class

2004 was a shocking year for architectural education in the UK – it is hard to imagine how it could have been any worse.

Most memorable was the astonishing failure rate at the University of Central England, where 93 per cent of Part 1 students failed the course. Equally galling was Cambridge University first threatening to close what remained of its architecture school and then carrying out a U-turn and deciding to retain it.

The reasons for the state of education are many and varied. There have certainly been issues with the Research Assessment Exercise – the government-organised initiative that decides a large chunk of the schools' funding.

There are increasing concerns over the consequences of the government's determination to push through top-up fees.

Additionally, the endless wrangling between the ARB and the RIBA over control has increased uncertainty.

What is certain is that all is not well in architectural academia.

The statistics show that architects in the AJ100 agree that the current system needs to be overhauled. Equally, however, they show that through the constant problems, many schools appear to be doing a vibrant job, despite the very tricky circumstances.

WHICH DO YOU CONSIDER TO BE THE BEST ARCHITECTURE SCHOOLS

1	University College London (Bartlett)	21%
2	Architectural Association	12%
3	Sheffield University	10%
=4	University of Bath	8%
=4	Oxford Brookes University	8%
=6	University of Cambridge	6%
=6	University of Cardiff	6%
=6	University of Glasgow (Mackintosh)	6%
9	University of Manchester	4%
=10	Kingston University	3%
=10	University of Edinburgh	3%
=10	University of Nottingham	3%
=13	University of Liverpool	2%
=13	University of Westminster	2%
=15	University of Greenwich	1%
=15	University of Newcastle	1%
=15	University of Portsmouth	1%

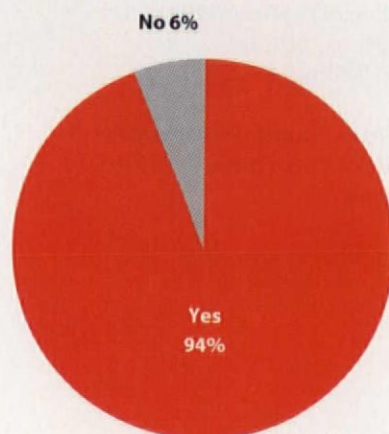
We recruit very, very bright and talented students and I believe that this result reflects the quality of the people who go through the Bartlett. What we have to work with as teachers is really very exciting. The students are intelligent, committed and often pretty competitive, with a lot of drive. This, combined with some excellent teaching, is how we get such good results. Despite the many problems we can see coming up in architectural education, we have an absolute resolve to maintain the educational standards that we have at the moment.

CHRISTINE HAWLEY,
DEAN OF THE BARTLETT
SCHOOL OF ARCHITECTURE

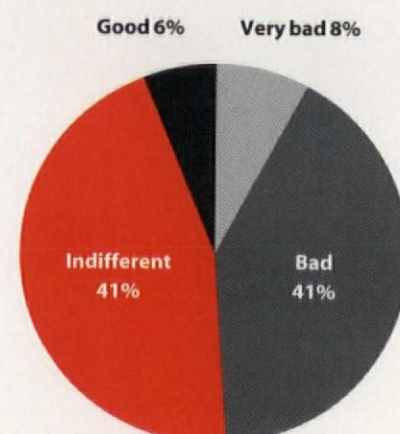
The success of the AA is in large part down to the history of the educational culture – it is all about debate, research and innovation. We also have a cosmopolitan mix among both the students and the teachers that leads to a fascinating exchange of ideas. What is also certain is that we have an independence, history and structure that is unique. These are all reasons why the bright students who come here flourish. These traditions will continue because of the endless possibility of reinvention that is the result of our independence, which is the envy of so many other schools.

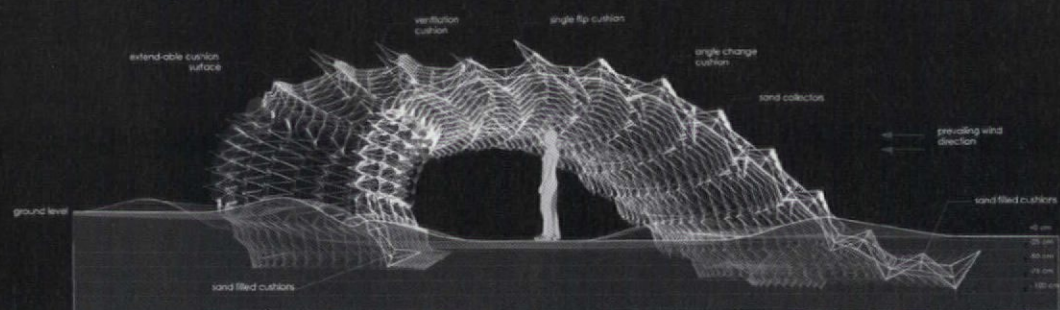
HUGO HINSLEY,
THE INTERIM MANAGEMENT GROUP,
THE ARCHITECTURAL ASSOCIATION

WOULD YOU SUPPORT RADICAL REFORM OF THE CURRENT MODEL OF ARCHITECTURAL EDUCATION?

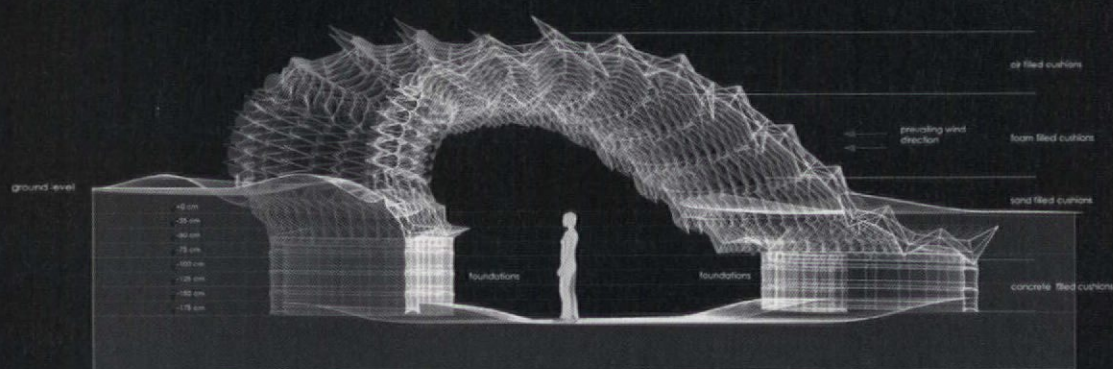


HOW WELL SUITED FOR EMPLOYMENT ARE ARCHITECTS STRAIGHT OUT OF PART 2?

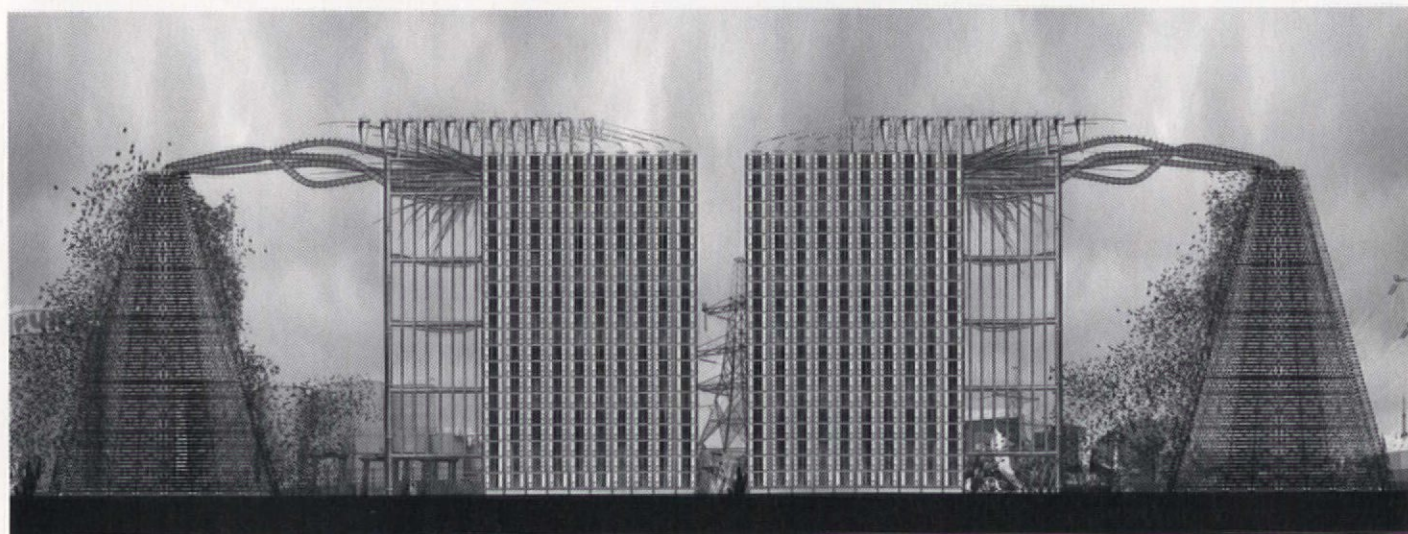




Rapidly Deployable Cell

Cell Stabilizing strategies
temporary - permanent

Sectional Differentiation



Top: AA student
Hani Fallaha's Rapid
Deployment/Refugee
Camp, silver medal
and SOM prize
winner. Above: The
Institute of Ideas by
Luke Chandresinghe
of the Bartlett, winner
of the Serjeant Award
for Drawing



PETER COOK/VIEW

WHAT IS YOUR FAVOURITE BUILDING?

1 Ronchamp	10%
=2 Fallingwater	7%
=2 Sydney Opera House	7%
=4 Barcelona Pavilion	3.5%
=4 30 St Mary Axe (Swiss Re)	3.5%
=4 Guggenheim, Bilbao	3.5%
=4 Lords Media Centre	3.5%
=4 Yale Center for British Art	3.5%
=4 Royal College of Physicians	3.5%

Le Corbusier's Chapel of Notre Dame du Haut at Ronchamp in north-east France comes top of the poll

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Thermal

When considering thermal conductivity (λ -value) the **Kingspan Kooltherm** K-range is in a class of its own with a league topping 0.022 – 0.024 W/m.K. This means that less thickness of insulation is needed to achieve the required Building Regulations/Standards. Thinner insulation allows the specifier to reduce the impact of the structure on the usable area of the building.

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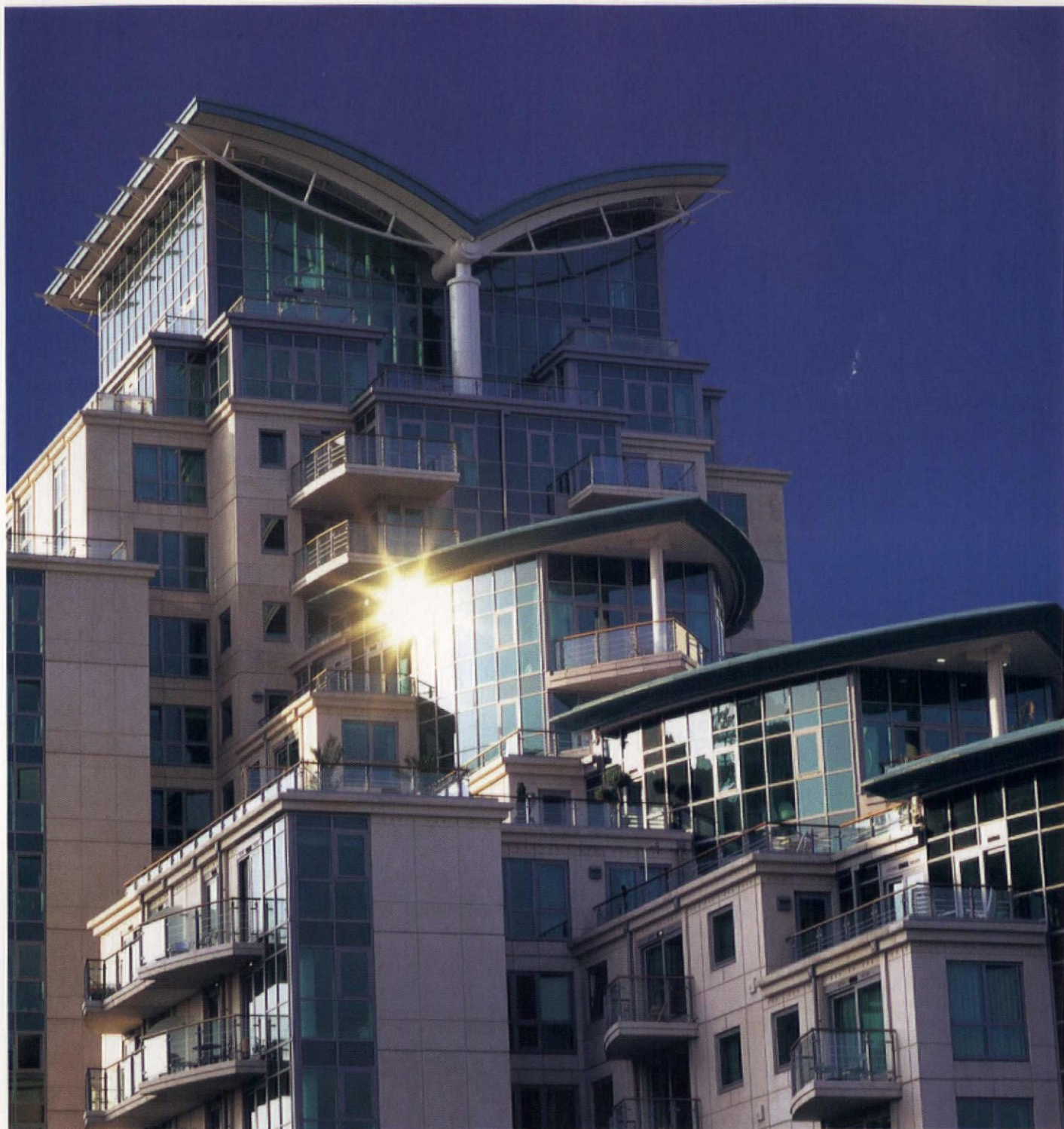
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WHAT IS YOUR LEAST FAVOURITE BUILDING?

1	St George's Wharf, Vauxhall	20%
2	30 St Mary Axe (Swiss Re)	8%
=3	GLA building	5.5%
=3	M16 headquarters	5.5%
=5	Elephant & Castle Shopping Centre	3.5%
=5	Portcullis House	3.5%
=5	Scottish Parliament	3.5%

Broadway Malyan's St George's Wharf development in Vauxhall was loathed by a fifth of respondents



PHOTOGRAPH BY JEFFREY M. HARRIS

WHAT WAS THE BEST BUILDING OF 2004?

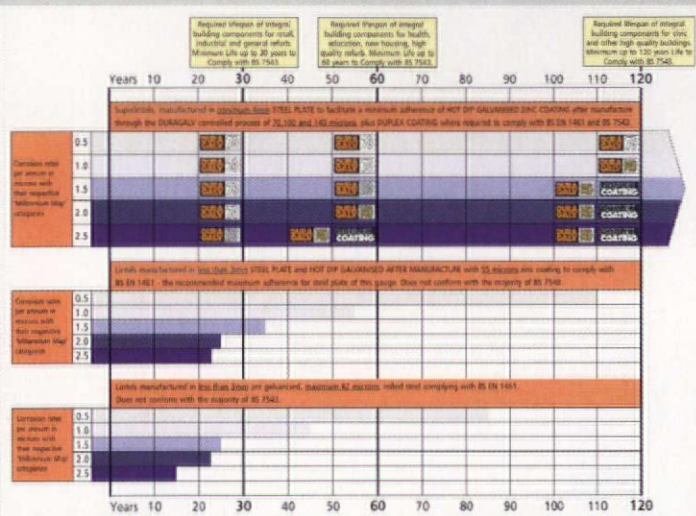
1	30 St Mary Axe (Swiss Re)	34%
2	Scottish Parliament	9%
3	Kunsthhaus, Graz	5%
=4	Bullring, Birmingham	3.5%
=4	Compton Verney	3.5%
=4	GCHQ	3.5%
=4	Laban Centre	3.5%
=4	MoMA, New York	3.5%
=4	Sage, Gateshead	3.5%
=4	Seattle Public Library	3.5%

Designed by Foster and Partners, the Swiss Re building in London has become a much-admired feature of the capital's skyline

THE 'SUPERLINTELS'



THE CHARTS



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Fabricated mild steel lintel, Hot-Dip Galvanised after manufacture		LINTEL LONGEVITY TABLE				
See Millennium Map for your site location or visit www.hdg.org.uk/map/index.htm		Millennium Map corrosion category 1/2/3/4/5, and the minimum coatings to be specified in those areas, to comply with BS 7543 and BS EN 845-2: 2003				
		1	2	3	4	5
CONSTRUCTION TYPE / MIN LIFE		DURA GALV 70	DURA GALV 70	DURA GALV 70	DURA GALV 70	DURA GALV 100
Retail, Industrial and General Refurb. Minimum Life to Comply With BS 7543		= 30 YEARS				
CONSTRUCTION TYPE / MIN LIFE		DURA GALV 70	DURA GALV 70	DURA GALV 100	DURA GALV 100	DURA GALV 100
Health, Education, New Housing High Quality Refurb. Minimum Life to Comply With BS 7543		= 60 YEARS				
CONSTRUCTION TYPE / MIN LIFE		DURA GALV 70	DURA GALV 100	DURA GALV 100	DURA GALV 100	DURA GALV 100
Civic and Other High Quality Buildings. Minimum Life to Comply With BS 7543		= 120 YEARS				
			DUPLEX COATING	DUPLEX COATING	DUPLEX COATING	DUPLEX COATING

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THE FACTS

“BS EN 845 requires the specifier to determine the life expectancy of the building and its components.”

“Superlintels provide the specifier with every coating for every area in the UK, the original and still complying with all aspects of British Standards.”

“Superlintels comply “totally” with BS EN 845 and BS 7543 with all aspects, in all areas.”

“Superlintels guarantee the specifier 30,60 and 120 years life expectancy to comply with BS 7543.”

“Load bearing steel lintels are not maintainable building components and are encased inside - they are not a “life to first maintenance product.”

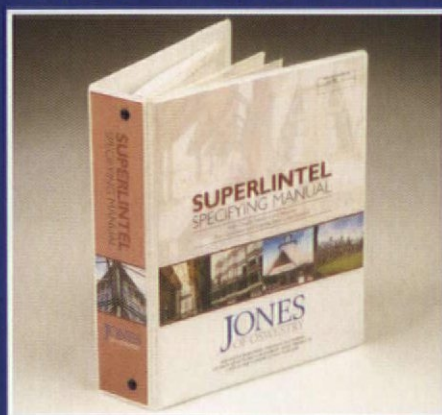
“The thicker the Zinc coating - the longer the life of the product.”

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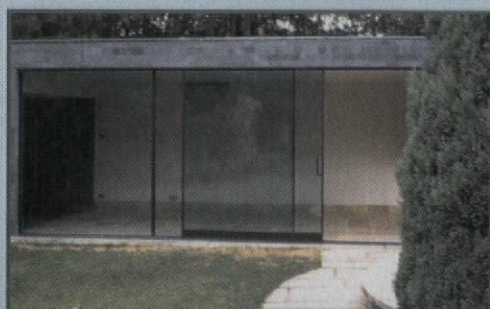
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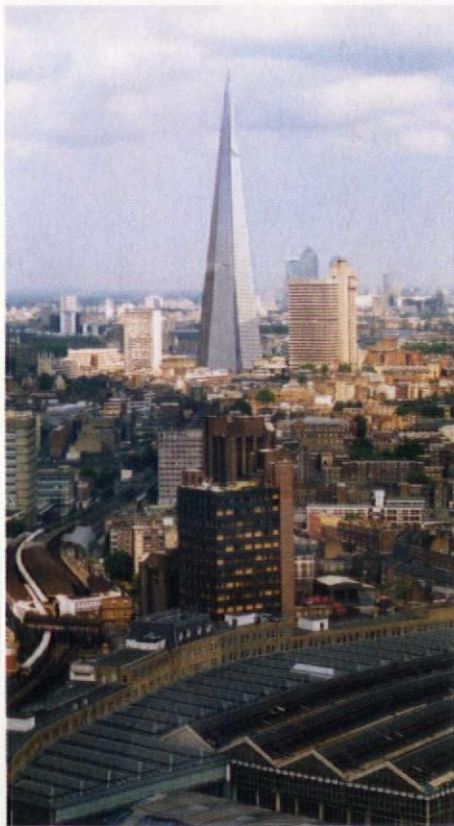
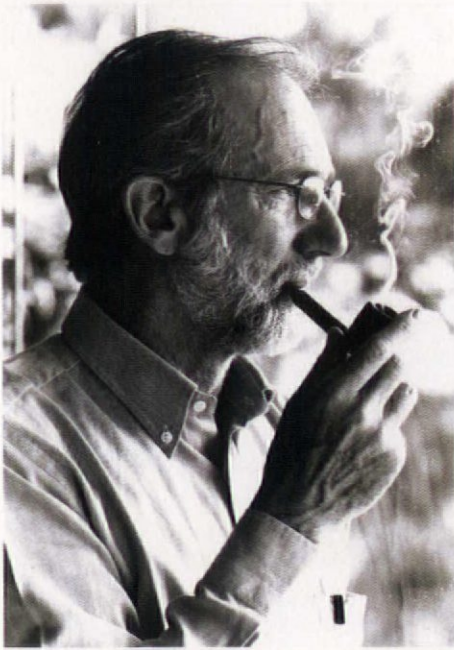
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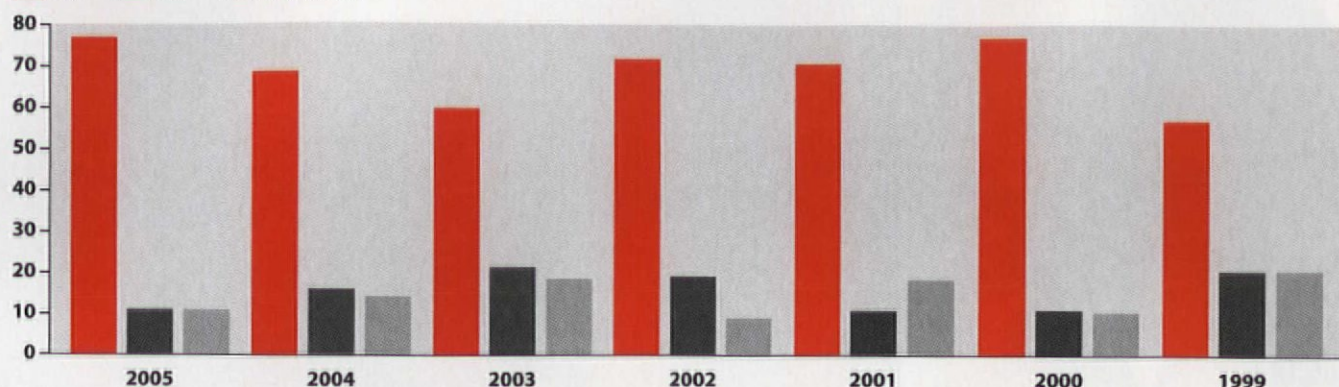
WHICH LIVING ARCHITECT DO YOU ADMIRE THE MOST?

1 Renzo Piano	21%
2 Norman Foster	20%
3 Richard Rogers	10%
4 Glenn Murcutt	5%
=5 Álvaro Siza	3%
=5 Santiago Calatrava	3%
=5 Ken Shuttleworth	3%
=5 Rem Koolhaas	3%

Renzo Piano was the most admired architect among respondents. His proposed Shard of Glass skyscraper at London Bridge is mocked up here in the day and at night

IS THE FUTURE LOOKING BRIGHT FOR ARCHITECTS? (%)

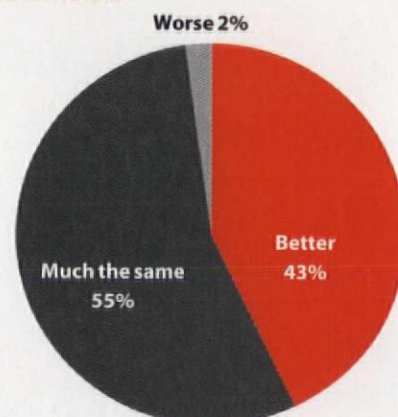
Yes No Don't know



PREDICTED GROWTH IN NUMBER OF QUALIFIED UK ARCHITECTS

	Estimated growth 2005	Estimated actual number 2005	Architects on staff 2004
=1 Associated Architects	+25%	5	20
=1 GMW Architects	+25%	9	36
=1 Terry Farrell & Partners	+25%	10	40
=4 Sidell Gibson Architects	+21%	7	33
=4 Wimberly Allison Tong & Goo	+21%	7	33
=6 Atkins Walters Webster	+20%	6	28
=6 Feilden + Mawson	+20%	5	27
=6 Gensler	+20%	5	27
=6 HTA Architects	+20%	6	30
=6 John McAslan + Partners	+20%	7	35
=6 Llewelyn Davies	+20%	18	90
=6 Parsons Brinckerhoff	+20%	4	21
=6 Seymour Harris Architects	+20%	5	27
=14 Capita Percy Thomas	+15%	21	142
=14 David Morley Architects	+15%	3	20
=14 Hopkins Architects	+15%	6	37
=14 Jestico + Whiles	+15%	5	34
=14 Nightingale Associates	+15%	24	160
=14 Paul Davis & Partners	+15%	4	24
=14 R H Partnership Architects	+15%	5	35
=14 RPS Group	+15%	8	55
22 Charter Consultant Architects	+12%	5	44

DO YOU THINK THE ECONOMIC OUTLOOK FOR ARCHITECTS OVER THE NEXT 12 MONTHS IS...



WHAT IS THE MOST PRESSING ISSUE FOR ARCHITECTS?

'Convincing clients to pay for quality'

James Buxton
Ellis Williams Architects

'Fees versus growing overheads'

Sally Warren
Chapman Taylor

'The move to have contractors as lead on more and more projects'

Nic Allen and Amanda Brackey
Devereux Architects

'Juggling sustainable design with value engineering'

Graham Hickson-Smith
Reid Architecture

'The low value of architectural services'

Joanne Carpenter
Kohn Pedersen Fox Associates

'Think architecture, not makeover'

Dan Gray
SOM

'Remaining close to the client in a climate that creates more and more intervening layers of managers'

Kevin Steer
Stride Treglown

'Substitution by others such as surveyors and accountants'

Paul Rynsard
Feilden + Mawson

'Making work profitable'

Sue Johnson
Paul Davis & Partners

'Too many practices all chasing the same work'

Robert Guy
S&P Architects & Interior Designers

'Inadequate remuneration for the hours worked and the responsibility taken'

Michael Barker
Stephen George & Partners

How much energy goes into a building before it's even designed?

In calculating a building's environmental impact, it's easy to overlook the most basic costs. How much energy was used to make its steel, concrete, aluminium or PVC-U? How much CO₂ was produced? What quantity of water was used and needed recycling? Which toxins, in what amounts, were released to the environment? Spare yourself the headache and the maths by specifying timber. It acts as a carbon sink while growing and as a carbon store during its entire life in a building. At the end of its life it can be recycled or used for biomass energy. Experts estimate that every cubic metre of wood used instead of other building materials saves 0.8 tonne of CO₂ from polluting the atmosphere¹. Best of all, in Europe, wood is a renewable resource. The more we use, the more we plant. Which is why Europe's forests are expanding each year by an area the size of Cyprus². To find out more about how using wood can reduce climate change, call 0800 279 0016 or visit www.woodforgood.com

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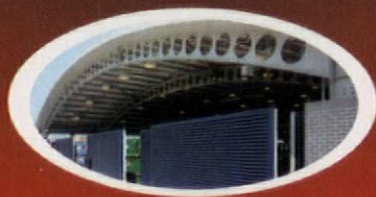
¹Use sustainably produced wood. Over 90% of all wood consumed in Europe is sourced from European forests, which are in surplus production (IIED, Using Wood to Mitigate Climate Change, 2004). ²MCPFE/UNECE-FAO State of Europe's Forests 2003. ³For every cubic metre of wood used instead of other building materials, 0.8 tonne of CO₂ is saved from the atmosphere (European Commission Enterprise DG, 2003). For additional reassurance look for independently certified timber.

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The AJ100 award-winners 2005

To celebrate the 10th anniversary of the AJ100, we have introduced five special awards, three of which are based on a practice's position in the list, and two of which are awarded at the AJ's discretion

HIGHEST NEW ENTRY

WINNER: MICHAEL AUKETT ARCHITECTS

This award is for a practice that (a) is new to the AJ100, (b) has generated its own growth rather than growing by acquisition, and (c) has come in at the highest position given the first two criteria. One or two 'new' practices appear to have reached a higher position than our winner, but that is because they did not enter information for 2004 – though they had previously been on the list.

This year's winner is Michael Aukett, a name instantly familiar to the architectural world initially through his founding of Aukett, a large AJ100 firm that appears at =16 in this year's list. Since leaving this practice, Aukett has successfully built a new office, mainly engaged in commercial schemes, particularly retail and mixed use (often with Tesco), and enters the list at =59 place. Pictured is St Martin's Cheapside.



THE UK'S BIGGEST PRACTICE

WINNER: BDP

Once again, the UK's biggest practice is BDP, with 241 architects and a total staff of 913 in 12 UK offices. With an architectural fee income in the UK of more than £30 million, it is a tribute to the multidisciplinary practice that it continues to win more than its share of architectural awards, while expanding its work both domestically and overseas.

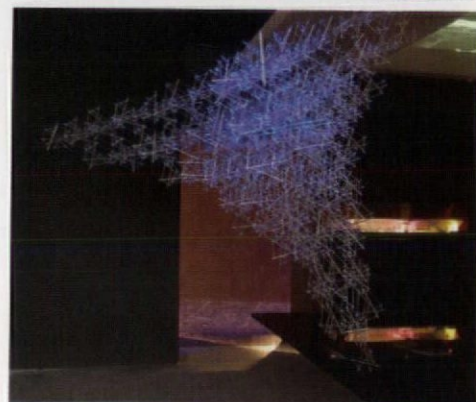
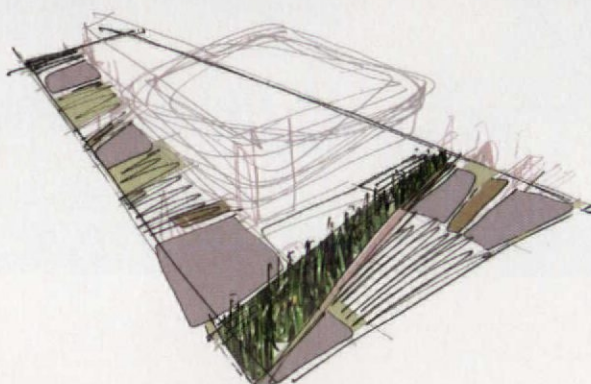
BDP has set an example of how to combine growth with architectural values, from which younger firms can surely learn. An example of how the practice remains innovative is given by its recently opened education scheme in Northampton – the first state school designed to accommodate children from four to 18.

The practice has also led the way in showing how it is possible to bring strong architectural ideas to PFI projects in both the educational and health sectors.

Pictured is BDP's proposal for its new Manchester office, which won planning permission earlier this year.



Clockwise, from above left:
Foster and Partner's new
road bridge at Millau; John
McAslan and Partners'
refurbishment of the Peter
Jones department store
on Sloane Square; the
'Reflections' exhibition in
Wapping by Wilkinson Eyre;
a sketch of Feilden Clegg
Bradley's proposals for the
Derby Quad



AWARD FOR CONTRIBUTION TO SUSTAINABLE DESIGN

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WINNER: FEILDEN CLEGG BRADLEY

This award goes to Feilden Clegg Bradley, a practice that has become synonymous with environmental design – indeed, one of its partners, Bill Gething, advises the RIBA on this area. The firm has proved, over many years, that good architecture and a strong commitment to the idea of sustainable architecture are far from being mutually exclusive.

The tragic loss earlier this year of one of the practice's co-founders, Richard Feilden, has only served to highlight the firm's commitment to its core beliefs. This is evident in the completion of a series of well-crafted buildings, most recently including new student housing in Mile End and the headquarters scheme for the National Trust, now under construction in Swindon.

INTERNATIONAL AWARD SPONSORED BY DAVIS LANGDON WINNER: FOSTER AND PARTNERS

The winner of this award, Foster and Partners, has made an extraordinary effort to maintain a global reputation built over the past 20 years. Over that period it has become the nearest thing Britain has to being the world's favourite architect. Foster and Partners hit the headlines once again at the end of last year, with its spectacular new road bridge at Millau (*pictured*), but this project is only one of many that constitute a one-practice export drive.

Major projects are also under way in Milan, Florence, New York and other US cities, while in Kazakhstan, the practice is designing another headline-grabbing project: the pyramidal cultural and government centre. The judging panel had no hesitation in giving the practice this award. Foster and Partners appears in third place in the AJ100.

AWARD FOR THE HIGHEST-RISING PRACTICE

SPONSORED BY SIV

**WINNERS: JOHN MCASLAN + PARTNERS,
WILKINSON EYRE ARCHITECTS**

This award derives from simple mathematics: which practice rose the highest number of places in the AJ100 list compared with 2004?

In fact, there are two firms that rose an equal number of places. The first is John McAslan + Partners, which has had a strong year, both at home and abroad. Particularly noteworthy was the completion of the refurbishment of the Peter Jones department store in Sloane Square. The practice is placed at =59 in the AJ100 list.

Equally successful – and building on its double-win of the Stirling Prize – is Wilkinson Eyre, which has continued to thrive on its mixture of big architecture and engineering ingenuity. The practice is now placed =50 in the AJ100 list.

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- Number of qualified UK architects 2004
- Fastest risers by number of qualified UK architects 2003-04
- Predicted growth in number of UK architects 2005
- Total UK/Global staff 2004
- Estimated percentage growth in number of total UK staff 2005
- UK architectural fee income 2004
- Fastest risers by UK architectural fee income 2003-04
- Estimated percentage growth in UK architectural fee income 2005
- Total UK fee income 2004
- Number of qualified architects globally (excluding UK) 2005
- Number of qualified UK architects 2004 – south-east/London
- Number of qualified UK architects 2004 – south-west
- Number of qualified UK architects 2004 – Midlands
- Number of qualified UK architects 2004 – north-east
- Number of qualified UK architects 2004 – north-west
- Number of qualified UK architects 2004 – Scotland
- UK architectural fee income – competitions 2004
- UK architectural fee income – PFI 2004
- UK architectural fee income – supply chain 2004
- New work opportunities 2005
- The future
- Breakdown of projects outside the UK
- How will you vote in the next general election?
- Pensions
- Favourite building
- Least favourite building
- Best building of 2004
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- The best architecture schools
- Salaries

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Adjudicators may face double trouble over proposed tests

What's the difference between 'impartial' and 'independent'? This is not an academic question designed to test your knowledge of the etymology of the English language. Well, it is, but it is also relevant to dispute resolution processes generally and adjudication in particular, writes Kim Franklin.

The *Oxford English Dictionary* defines 'impartial' as acting fairly between the parties. Independence requires the tribunal to have no connection with the parties. So it is possible to be independent but unfair, or connected but impartial. Hitherto the Construction Act has only imposed a duty on adjudicators to act impartially.

In the recent consultation paper* in which the Department of Trade and Industry (DTI) sets out proposed amendments to the Act, it is suggested that adjudicators should be both impartial and independent. This 'double test', it is claimed, would ensure the process is conducted fairly, and is necessary, given the speed and private contractual nature of adjudication.

On the face of it, few would argue with these objectives. But closer examination of the consequences reveals it may cause more problems than it solves. How independent does the adjudicator have to be to avoid falling foul of the test?

The construction industry is vast and employs thousands of people. The number of construction professionals is smaller. The number of professionals involved in disputes as consultants, or who act as expert witnesses, is smaller still. Ultimately, the world of construction-dispute resolution is tiny. The usual suspects appear as consultants, experts, advocates, arbitrators and adjudicators, time and again. The Royal Institution of Chartered Surveyors appoints the largest number of adjudicators. Most adjudicators are therefore senior quantity surveyors with a lifetime's experience of the industry. Some adjudicators may work alone; others for larger practices. But it will not always have been thus. How far back do you have to go to be sure the adjudicator has never worked for, or against, either party?

The small world of construction disputes generates a busy social whirl. The Society of Construction Law, the Chartered Institute of

Arbitrators, the Society of Construction Arbitrators and the Construction Courts' solicitor and barrister associations all throw jolly good bashes. Even if they've never come across the parties before in their life, the chances are the adjudicator will know their representatives, or one of their experts, socially.

And then there's the portfolio. Maybe the adjudicator is not lucky enough to have a family trust, but they may own shares in one of the parties, or a parent company, or their family members may. Or they may have gone into print with their views on particular issues relevant to the outcome of the dispute. The court cases are littered with examples where the tribunal could arguably have been affected by some connection with the parties, and their decision challenged as a result.

This highlights another problem: the question is not whether, subjectively, the adjudicator's decision was affected by the connection they had long forgotten or by the investment they had overlooked. It is, objectively, whether a fair-minded observer would conclude that the connection would give rise to a real possibility of bias. So where do you draw the line?

The double test of independence and impartiality may present the reluctant party with an open ticket to derail the adjudication process. They may raise their objections at the outset, requiring the adjudicator to give an account of themselves, their financial holdings and their political convictions. It's more likely, however, that they will keep their powder dry until the decision goes against them. Then they will call foul, raise the alleged connection, and challenge the adjudicator's decision.

To avoid the problem, adjudicators would have to disclose their lifetime's CV, divest themselves of all financial interests, and give up their professional social life. Alternatively, the DTI could reconsider the wisdom of the double test. Kim Franklin is a barrister and chartered arbitrator at Crown Office Chambers. Visit www.crownofficechambers.com

*The consultation paper is available at www.dti.gov.uk/construction/hgcra/hgcralead.htm

A sideways look at an exemplary new website

There I was a fortnight ago getting doleful about the sites people send in for viewing, when in comes the address of the new site of architectural practice acq at www.acq-architects.com.

'Noooo', you cry when you see the three letters up on the home page sideways. Apart from the fact that this is useful only for people reading their screens while lying on the office couch, on subsequent pages the sideways logo appears on the right-hand side, so you want to read it the other way round. But that's about the only thing you worry about in this largely exemplary site.

The partners – the a, c and q of the practice name – are all ex-Richard Rogers – whose site, incidentally, has just been updated (www.richardrogers.co.uk). There are five main pages: one about the practice acq, one with news and others with projects, a client list and the address. Personally, I would put the address on every page and rotate the logo, but I guess five main sections looks a tad more serious than four.

The all-important projects are arranged in five sections, and there is one immediately visible image for each project, with a commendably brief and factual description. You get more images by clicking on the arrows at the bottom right. Moving your cursor to the right slides the translucent menu strip off-screen to the left.

At first you don't necessarily notice this feature and curse the designer for omitting a back button – and for running all but the home page as a toolbar-less screen. Discovering the sliding mechanism diminishes the ire and it eventually dawns on you that you don't really need toolbars with well-mannered sites – except to adjust the type size. Grrrr. Actually you can adjust type size, but only on the home page. After two or three magnifications the lines get intertwined and instead of entering the site you go to the designer, bitedigital. You don't mind because their site is a celebration of great typography.

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'The double test may give the reluctant party an open ticket to derail the adjudication process'

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Among the greats

PETER DAVEY

Robert Mallet-Stevens

At the Centre Pompidou, Paris, until 29 August

'If you ask French architects who were the greatest members of their profession in the 1920s and 1930s', says Frédéric Migayrou, *conservateur en chef* of architecture and design at the Centre Pompidou, 'they will almost inevitably reply Corbusier, Mallet-Stevens, Lurçat, Perret and so on. Ask a foreigner, and you will get the same answer without Mallet-Stevens.' The new exhibition at the Pompidou is intended to put Mallet-Stevens into perspective and restore him to the pantheon of French culture.

Robert Mallet-Stevens (1886-1945) was born into a rich Franco-Belgian family and was a nephew of Adolphe Stoclet, for whom Joseph Hoffmann built the fabulous Palais Stoclet in Brussels between 1904 and 1911. The banker poured riches into his marble-walled house, which was decorated by Klimt murals and was fitted out as a virtual *Gesamtkunstwerk* by the Wiener Werkstätte.

Naturally, having been exposed to the creation of this great work during his formative years, Mallet-Stevens was initially very Hoffmannesque, tending towards the abstract Classicism of the older architect's last period. He never lost the elegant precision he learned from the Viennese master.

Mallet-Stevens had little opportunity to build before the First World War, and the designs he made of buildings for ideal cities between 1917 and the early '20s show the

Hoffmann influence gradually giving way to the more ascetic ethos of De Stijl — some of Mallet-Stevens' early film sets could have been by Rietveld or Mondrian.

His first major building was the Villa Noailles, a small country house at Hyères that was started in 1923 and gradually added to until 1928. Here was all the apparatus of Modernism made possible by reinforced concrete (or facsimiles of it): irregular cubic massing, horizontal strip windows, interpenetration of internal and external spaces, terrace roofs, lack of external ornament and the rest.

Other commissions for private houses followed rapidly. One of the best preserved groups is in the Rue Mallet-Stevens, a short private Parisian street formed out of *hôtels particuliers* built between 1925 and 1934 by the architect for his friends (who unanimously voted to name the street after him). His own five-storey house was on the corner and, like its neighbour, a studio built for the sculptor brothers Martel, is a masterpiece of domestic planning created in a dense urban setting (something that Corbusier seemed to be always trying to avoid).

Mallet-Stevens' use of half levels and complex vertical circulation allows a degree of interpenetration and variety of volumes (and ingenious daylighting) that rivals the *Raumplanung* of Adolf Loos at his most intense — though there is no evidence of

direct Viennese influence at this stage of the French architect's career. Modern lighting, construction and hygiene were embraced enthusiastically — for instance, the metal sash windows are opened by winding handles like those in a car.

By 1925, Mallet-Stevens was sufficiently well established to be asked to make the Pavillon des Renseignements et du Tourisme for the Exposition des Arts Décoratifs (the one at which Corbusier built his *Esprit Nouveau* manifesto). The tourism pavilion had a tall De Stijl-influenced tower and a graceful hall lit by a glass ceiling, as in Wagner's Post Office Savings Bank. In the same show, Mallet-Stevens' garden, with its Cubist concrete trees (made in collaboration with the Martel brothers), attracted much popular argument and acclaim.

In the late '20s, Mallet-Stevens collected commissions for commercial projects like shops and car showrooms, as well as a continuing flow of private houses. But the 1929 crash dramatically cut the flow of new work. Yet the huge Villa Cavrois at Croix continued and was finished in 1932 as a most elegant exercise in Dudokian brick massing with a grand and finely honed plan. Other '30s work included furniture, and often grand designs for industrial, commercial and municipal buildings (only a fire station was built). He made several elegant temporary



Above left: the Villa Cavrois. Above: the Parisian studio for the Martel brothers

pavilions for the 1937 Exposition des Arts et Techniques and a curiously Classical design for the École d'Architecture at Lille, of which he became director in 1938. Then the Second World War intervened. Mallet-Stevens fell ill and retired to the south of France, where he died, having asked that his archives should be destroyed.

So it is remarkable that the curators of the exhibition (under the direction of Olivier Cinqualbre) have managed to make a thorough and revealing exhibition. Mallet-Stevens was unlucky: he started quite late and died rather young, so there is little early work and no great post-war corpus, unlike Corbusier and Perret. He was protected by his wealth from having to be as pushy as Corb or as municipal as Perret. His sources were perhaps too obvious. He toyed with Art Deco for too long. And possibly he was too conscientious a constructor – his buildings with their cills, cornices and drips can seem rather clumsy in comparison with those of Corbusier, who was largely indifferent to such mundane matters.

But the Pompidou show demonstrates that Mallet-Stevens was far more than the jazz-age pasticheur that most of us believed him to be. He was a master of space and light, building and urbanity, who deserves a place among the immortals – even if his throne is not quite at the summit.

New gangs of New York

MARTIN PAWLEY

Sixteen Acres: The Rebuilding of the World Trade Center Site

By Philip Nobel. Granta, 2005. 280pp £17.99

A couple of Christmases ago, when the seven shortlisted schemes for Ground Zero were first made public, New York mayor Michael Bloomberg delivered a speech in which he linked the project to the rebuilding of Lower Manhattan.

He talked about a great monument, a huge investment in mass transit, new office buildings, a hotel, housing, a museum, tree-lined avenues, new parks and the long-awaited rail links to Kennedy and La Guardia airports. Asked where all the money was for this building, when there were already millions of square feet of unlet office floor space in Lower Manhattan – the biggest office overhang since the Great Depression – Bloomberg spoke of turning the whole area into a federal tax haven to attract multinational corporations.

That was ages ago. Nowadays the 'federal tax haven' is no longer spoken of, the international competition to redesign the site has been held and the masterplanner's crown won by Daniel Libeskind, and everything is on track for a major building programme. Or is it?

Philip Nobel's book is a breathless gallop from the firestorm morning of 11 September 2001 – and what architects were doing in New York at the time. Rem Koolhaas changed his plans and stayed for several days, making several visits to the smouldering site after dark to absorb the atmosphere, while Frank Gehry played a much slower hand – though little good it did either of them in the end.

The book is written in the way that a front-page story-writer would do, blow by blow: 'As New York lay supine, dazed from the boom and bust of the years before she was gobbling column inches with the story of her 16-count hit-and-run in the Hamptons...'

If you can understand that, you will do just fine reading the rest – provided you factor in a dose of 'city lasagna' (residential towers in which the raw concrete edges are exposed, to save a buck, of course). From time to time thoughts of this kind – and worse – make their way into Nobel's narrative. He records the appearance of the first graffiti, 'Fuck You', within days of the attack – 'the first essay at making meaning through construction at Ground Zero' (as he charitably records it). There are others to follow: T-shirts, boxer shorts, mugs and the inevitable mouse mats.

Next up is a rambling but entertaining dissertation on the life of Minoru Yamasaki, designer of the World Trade Center and also the notorious Pruitt Igoe housing project demolished in the 1970s. This leads into a discussion of public open spaces and the potential they have for information and advertising after dark.

Then back to the World Trade Center – its architecture having failed to communicate a specific vision, the project invites opinions from outside. These opinions typically have the twin towers as 'mysterious tombstone-like-monoliths', 'a pair of giant cigarette cartons' and 'an aluminium sided disaster'.

But the outcome is still uncertain – for everyone from the developer Larry Silverstein, who owned the obliterated underground shopping centre on the World Trade Center site and wants to rebuild it, to the possibly fictional horde of tenants who it is hoped will materialise upon completion of whatever does get completed and when. According to a recent *New York Times*, the Freedom Tower 'is back on the drawing board' because of fears over its security. Nobel could write a sequel.

North points

JULIAN HOLDER

The Buildings of England – Lancashire: Manchester and the South East

Clare Hartwell, Matthew Hyde and Nikolaus Pevsner. Yale University Press, 2005. £29.95



The inclusion of Libeskind's Imperial War Museum North brings this new Pevsner up-to-date

Most reviewers of the latest editions of *The Buildings of England* can do little more than bring the publication to readers' attention. Beyond quibbling over questions of detail or emphasis, these volumes continue to deserve their rightful place as 'the greatest endeavour of popular architectural scholarship in the world'. The only other option is to adopt a considered alternative position to the value of such scholarship. As one of the small team of contributors to this volume, it would be hypocritical for me to be anything other than a supporter. Pevsner is a tough act to follow.

However, when his original two-volume work on Lancashire was published in 1969, he wrote that 'South Lancashire is the most difficult area I have ever had to describe.' Beyond its sheer size, it is easy to see why.

Pevsner's *Lancashire I* – tellingly subtitled 'The industrial and commercial south' – was dedicated to the Victorian Society, then only 11 years old. It was an appropriate dedication, as the serious study of Victorian architecture was still in its infancy. Pevsner went on to write that his introduction 'in complete contrast to those of any of the volumes so far published, is very largely a Victorian introduction'.

The present authors, though they see the same dominance, also see 'an almost total transformation' of the area, which is more than enough justification for this new edition. In the first of a three-volume replacement, Hartwell and Hyde are on safer ground in characterising the region geographically rather than by building function, but then this is part of the region's transformation over the last 35 years – from *Coronation Street* to *Cold Feet*.

The difference in definition reflects the unquestioning acceptance of the works of industry and commerce as a staple of architectural history today. Beyond this acceptance, one of the glories of the new work is the attention paid to the 16th-century and 17th-century domestic architecture whose halls still stand proud in the blasted post-industrial landscape like the ghosts of Christmas past.

The authors have taken into account not only the latest scholarship, but also the changing values of what is now considered our cultural patrimony. Hence a lowly tin tabernacle at Newton Heath is worthy of comment, alongside the more usual suspects such as Manchester Town Hall.

Manchester necessarily dominates the region physically and psychologically – but this volume reminds us that it wasn't always so. If the town halls of Manchester, Bolton, Rochdale and Lancashire's other Victorian towns vie with one another in terms of their municipal ambition, their hinterlands reveal the earlier transformation of the country from an agricultural to an industrial nation.

Most revisions of Pevsner are faced with the challenge of the architecture of the post-war years, the work which was still being built as Pevsner researched his original volumes in 1967 and which he regretted being unable to consider.

Figures such as the often-reviled Richard Seifert clearly impress the authors with the same kind of audacity as the Victorian discoveries of over 30 years ago impressed Pevsner. 'The landmark of Blackley is completely out of scale as well as out of place in its sophistication,' they write of Seifert's Hexagon Tower (1971).

The cover illustrations portray other stark dichotomies which span the centuries. On the front is Prickshaw, an 18th-century fold of terraced workers' houses set in the landscape they are built from. To the rear is Libeskind's Imperial War Museum. The distance between reminds us that this is not only the Lancashire of *The League of Gentlemen*, but also *Queer as Folk*.

However, updating and revising Pevsner is not purely a maintenance exercise like painting the Forth Rail Bridge. There is a serious heritage here, not only of scholarship but of writing. These are not merely a collection of summaries akin to listed building descriptions, but sensitive sketches that capture the essence of a building or place.

Thus the cottages at Summerseat are 'mercilessly restored'; Victoria Baths is 'exuberant in stripped red Ruabon brick and pale yellow terracotta, making it look like a large friendly humbug', and a comment on Anthony Grimshaw's new work at St Nicholas, Burnage, says: 'In steep pens in front of it, like coconuts at a shy, sit the choir and organist.'

Ultimately the new authors should take the greatest satisfaction from knowing that they have succeeded in a region Pevsner himself found so hard to describe.

Julian Holder is an architectural historian

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Value, Culture and Commerce Monday 16 May, 18.30. A forum at the Royal Academy, W1. Details 020 7300 5839.

Architecture on the Ramp: MacCormac Jamieson Prichard Until 17 May. An exhibition at the Royal Academy, Piccadilly, W1. Details 7300 8000.

Rob Cowan Wednesday 18 May, 18.30. A lecture at The Gallery, 77 Cowcross St, EC1. Details www.udg.org.uk

Bartlett Rogues & Vagabonds Dinner Monday 23 May, 19.00. At UCL with guest speaker Simon Allford. Details rachel.stevenson@ucl.ac.uk

Ecobuild 2005 24-25 May. Conference and exhibition at the QEII Conference Centre, SW1. Details 020 8822 6918.

Can Buildings Curate? Until 27 May. An exhibition at the Architectural Association, 36 Bedford Sq, WC1. Details 020 7887 4000.

AJ Small Projects Until 28 May. An exhibition at the RIBA, 66 Portland Place, W1. Details 020 7580 5533.

Sculpture in the Workplace: Stone Until 3 June. A group exhibition at One Canada Square, Canary Wharf. Details 020 7418 2257.

Avant-Garde Graphics 1918-1934 Until 5 June. An exhibition at the Estorick Collection, 39a Canonbury Sq, N1. Details 020 7704 9522.

RIBA CPD Event: Designing Out Decline – Regeneration of Communities Tuesday 14 June. At the RIBA, 66 Portland Place, W1. Details 01892 515878.

Edgar Martins Until 18 June. Urban photographs at Photofusion, 17a Electric Lane, SW9. Details 020 7738 5774.

International Arts and Crafts Until 24 July. A major exhibition at the V&A, Cromwell Rd, SW7. Details www.vam.ac.uk

East

RIBA CPD Event: Fire Regulations Update Thursday 19 May, 13.15. At New Hall, Huntingdon Rd, Cambridge. Details 01223 566285.

Will Alsop: Art and Architecture Wednesday 25 May, 19.30. A lecture at the New Campus, Hertfordshire University. Details 07971 789882.

Getting Ready for Major Changes to the Building Regulations Wednesday 8 June. A Construction Study Centre course at Impington, Cambridge. Details 0121 434 3337.

RIBA CPD Event: Subsidence, Foundation Failure and Underpinning Wednesday 8 June, 13.15. At New Hall, Cambridge. Details 01223 566285.

Fred Sandback Until 26 June. An exhibition of acrylic yarn sculptures at Kettle's Yard, Castle St, Cambridge. Details 01223 352124.



SHAW THING

George Shaw's paintings, based on Coventry's post-war housing estates, were admired by Alan Powers in AJ 22.11.01. His latest works – a detail of *Ash* Wednesday is shown above – are at the Wilkinson Gallery, 242 Cambridge Heath Road, London E2, until 26 June. Details 020 8980 2662.

Henry Moore and the Challenge of Architecture Until 31 October. An exhibition at Sheep Field Barn, Perry Green, Herts. Details 01279 843333.

North

Delivering 21st Century Learning Environments Tuesday 17 May.

A half-day seminar at Newcastle-upon-Tyne. Details 020 8255 7860.

Using Heritage & Cultural Assets in Regeneration 8-9 June. A conference at Gateshead and Newcastle. Details Samantha Shore 0117 975 0459.

North West

Sean Griffiths (FAT) Wednesday 25 May, 19.30. A lecture at the Grosvenor Museum, Grosvenor St, Chester. Details 0161 833 2037.

Parks for People Wednesday 8 June. A conference at the Maritime Museum, Liverpool. Details 0118 946 9068.

Vito Acconci: Self/Sound/City Until 12 June. An exhibition at FACT, 88 Wood St, Liverpool. Details 0151 707 4444.

The New Rural Design Economy – Architecture after Agriculture 22-23 June. A conference at the DEFRA/CSL conference centre, York. Details Ian Hunter 01706 827 961.

South

RIBA CPD Event: Conservation of Brickwork and Masonry Tuesday 17 May, 14.00. At the Town Hall, Reading. Details 0118 969 8051.

South East

Lucy Orta: New Work on Organic Architectural Forms Until 15 May. An exhibition of new projects at the University of Brighton Gallery, Grand Parade, Brighton. Details 01273 643010.

RIBA CPD Event: SmartPractice – Employment Law Thursday 19 May, 16.00. At Le Meridien, Gatwick. Details 01892 515878.

Timber Repair Workshop Tuesday 24 May. A course at the Weald & Downland Open Air Museum, Singleton, Chichester. Details 01243 811464.

Wessex

The Place of Place Friday 20 May, 13.30. Glenn Murcutt, Peter Clegg, Meredith Bowles and Ken Shuttleworth will speak at the University of Bath. Details 01225 874700.

Thinking of the Outside: New Art and the City of Bristol 21 May-3 July. Art works in 'unusual locations' in Bristol's historic centre. Details www.thinkingoftheoutside.com

Troubleshooting Construction Contracts Wednesday 8 June. A Construction Study Centre course at the Avon Gorge Hotel, Clifton, Bristol. Details 0121 434 3337.

Kenneth Armitage Until 3 July. An exhibition at the New Art Centre & Sculpture Park, Roche Court, East Winterslow, near Salisbury. Details 01980 862244.

West Midlands

RIBA CPD Event: Buildings Regulations Update Thursday 19 May, 14.00. At the Bishop Mascall Centre, Ludlow. Details 0121 233 2321.

Yorkshire

William Turnbull 14 May-9 October. A retrospective at the Yorkshire Sculpture Park, West Bretton, Wakefield, partly in Feilden Clegg Bradley's new underground gallery. Details 01924 832631.

Skyscraper Sculptures Wednesday 18 May, 18.00. A lecture by Stephen Morant at the Brunswick Building, Leeds Metropolitan University. Details 0113 283 2600, x4106.

Ruth O'Hertlihy (McCullough Melvin Architects) Thursday 19 May, 18.00. A lecture at the Arts Tower, Sheffield University. Details lectures@suas.org

RIBA CPD Event: Town Planning Tuesday 24 May. A seminar to be held at Wakefield Town Hall. Details 0113 245 6250.

Ettore Sottsass Until 7 August. An exhibition at the Henry Moore Institute, 74 The Headrow, Leeds. Details 0113 246 7467.

Scotland

6,000 Miles Until 7 June. An exhibition which uses the Scottish coast as its starting point. At The Lighthouse, 11 Mitchell Lane, Glasgow. Details 0141 221 6362.

Evergreen Until 3 July. A group exhibition at Inverleith House, Royal Botanic Garden, Edinburgh. Details 0131 248 2983.

Wales

Patrick Shanahan: Paradeisos Until 22 May. Photographs of the Eden Centre. At Ffotogallery, Turner House, Plymouth Rd, Penarth. Details 029 2034 1667.

International

Architecture Biennale Rotterdam 26 May-26 June. An event covering the relationship between water and architecture. Curated by Adriaan Gueze. Details www.biennalerotterdam.nl

Andrea Palladio and the Veneto Villa: From Petrarch to Carlo Scarpa Until 3 July. An exhibition at the Museo Palladio, Vicenza. Details www.cisapalladio.org

Robert Mallet-Stevens Until 29 August. A major retrospective at the Pompidou Centre, Paris. Details www.centrepompidou.fr

Information for inclusion should be sent to Andrew Mead at The Architects' Journal at least two weeks before publication.

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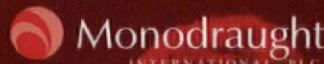
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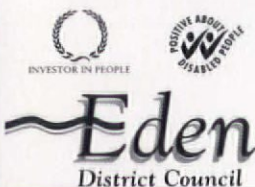
Applications are therefore invited from technicians who are qualified to BTEC Ordinary in Building/RIBA Part 1 or above with appropriate experience. Candidates will be required to demonstrate a detailed knowledge and understanding of building construction and be competent in the production of drawings including the use of AutoCad.

Please contact the Engineering Manager Adrian Cozens on (01768) 212448 for a general discussion about the vacancy.

For an Application Form:

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- or apply in writing to Human Resources, Town Hall, Penrith, Cumbria CA11 7QF
- Telephone (01768) 212268. Fax (01768) 890470
- CV's will not be considered.

Closing date for applications is Friday 27 May 2005.



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people & practices

The RIBA has announced that **Nicholas Taylor** has been appointed as the executive director of RIBA Professional Services.

Heery International will now be based at **Balfour Beatty's** head office, 130 Wilton Road, London SW1V 1LQ.

Associated Architects has announced that **Amanda Harmer** has been promoted to an associate of the practice.

Alan Camp Architects has moved to 88 Union Street, London SE1 ONW.

Environmental consultancy **SLR** has appointed **Chris Herbert** as a new planner.

Walters and Cohen has moved to 2 Wilkin Street, London NW5 3NL.

Mick Mosley has been appointed managing director of **Henry Boot Construction**.

Graphisoft has announced the appointment of **Garreth Evans** as its new managing director for the UK.

Michael Sparks Associates has appointed **Sam Darwin** as an associate.

Battle McCarthy Consulting Engineers and Landscape Architects has promoted **Rob Buckley** to associate director, and **Bob Thomas, Jochen Rabe** and **Anjum Osman** to associates.

Buro Happold chairman **Michael Dickson** has announced that two founding partners, **Ian Liddell** and **John Morrison**, have retired.

● Send details of changes and appointments to Anna Robertson, *The Architects' Journal*, 151 Rosebery Avenue, London EC1R 4GB, or email anna.robertson@emap.com

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PERMANENT VACANCIES

Architectural Technicians x 3, London - to £38,000

Our client is a highly successful architectural practice based in SE1, with projects to the value of £150M on site at the moment, urgently require a number of ambitious and committed architectural technicians to work on a range of high quality residential projects. The successful applicants will be responsible for production of detailed drawing packages and the on-site coordination of various projects. Our client is steadily expanding their practice due to continued success and can offer both a challenging and rewarding career path. Ref: 10274

Project Architects, London - to £34,000 + Benefits

This well-known, vibrant and growing design practice, seeks applications from architects wishing to join their teams working on a range of high profile commercial led, new build and refurbishment projects. Our client is particularly interested in applications from RIBA/ARB qualified architects with extensive site experience and good range of drawing based skills. Good freshhand sketching and detailed design skills are essential, as is a good working knowledge of AutoCAD and current office practice. Ref: 10264

Project Architect, London - to £38,000

This medium sized Mayfair based practice seeks applications from ambitious architects who would like to work on an exciting range of £multi-million commercial projects. Working closely with the practice Director, and being seen as a future Associate, you will be responsible for team and consultant co-ordination, job-running, concept and feasibility work and design development. To be successful, you will have at least 3-5 years post part III experience and have sound organisational skills, with the creative flair to turn a client's brief into a commercially viable but aesthetically pleasing project. Ref: 10276

Technical Architect/Senior Architectural Technologist, London - to £36,000

This leading architectural practice, which specialises in one-off projects of the highest calibre, seeks applications from technically orientated professionals wishing to take a lead role on a forthcoming Residential project. To be successful, you will be RIBA/ARB/BIAT qualified, have a minimum of 5 years post qualification experience and have up-to-date building regulations knowledge. In addition, you will have sound organisational skills, a keen eye for detail, and be able to clearly demonstrate the ability to coordinate project on-site. Excellent AutoCAD skills are essential. Ref: 10275

Project & Senior Architects, London - to £38,000 + Benefits

This large, well-known design led practice, based in EC1, seeks applications from self-driven and ambitious qualified architects. Being capable of managing projects and the client interface, you will also have good conceptual skills, and a thorough understanding of technology and buildability. Successful applicants will have 5-10 years post qualification experience coupled with project delivery experience in the Transportation, Retail, Education, Workplace or Urban Living sectors. You will also be Microstation literate, although cross-training will be considered. Ref: 10286

CONTRACT VACANCIES

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Ref: 10267

Senior Technician, London - to £22ph

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Mid-Weight Technician, London - to £20ph

Retail fit-out projects - AutoCAD/Microstation.

Ref: 10109

Senior Technician, London - to £22ph

Residential and commercial projects - AutoCAD.

Ref: 10151

Mid-Weight Technician x 2, London - to £18ph

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Ref: 10153

Architectural Assistant, London - to £16ph

Large-scale shopping centre project - AutoCAD.

Ref: 10110

Senior Technician, Hertfordshire - to £22ph

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Job of the Week

Sheffield Vacancies

Project Architect and 2 Technicians
Vac ref 0505-29

My client has recently won new jobs and has excellent prospects for other jobs in the next few years so they now need to recruit additional staff.

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Architectural Technician - Scotland - Perm - £25K+

Architectural Technician - Manchester - Perm - £30K


A nationally known architectural practice with a number of national offices is currently seeking an urban designer / master planner. Applicants at all levels will be considered more importantly each applicant must have urban design or master planning experience. A fully qualified architect with an urban design / master planning bias would be given an influential role, with more junior applicants being given the chance to be trained by the best, within a design team environment. If you are looking to progress your career to the next level this company have an excellent employee focused reputation. Apply now! Attach your CV and send to simon@aps-recruitment.co.uk (Southern Consultant).

A large House builder is currently seeking an Architect / Layout Designer. This is an immediate requirement and the client is looking for a candidate who can offer a level of experience which would allow them to hit the ground running. The ideal candidate will be looking for a challenging position and will have had some housing / house building experience, especially within the layout design sector. My client because of the urgency of the requirement is prepared to consider both Permanent and Contract applicants. If you feel you have the skills to take up this opportunity Apply now! Attach your CV and send to simon@aps-recruitment.co.uk (Southern Consultant).


A well established practice based in a key town in Somerset, is currently seeking staff at all levels due to the continued expansion of their local client portfolio and their continued success nationally. Due to their location this company is prepared to consider applications from people who are looking to relocate to the area. Ideally you will have a good basis of UK experience at any level being able to hit the ground running on current projects. Contractors will also be considered with minimum terms of 3 months available. Apply now! Attach your CV and send to simon@aps-recruitment.co.uk (Southern Consultant).

A Large Glasgow City Centre based practice is seeking fully fledged technician with 5 yrs post qualification experience. This practice handles work in a number of sectors so all round abilities are key for any applicant. AutoCAD ability is a must along with a good conceptual knowledge of common UK building regulations also being a must. This is a good opportunity for an experienced intermediate technician to move to the next level / stage in their career. Apply now! Attach your CV and send to mark@aps-recruitment.co.uk (Scottish Consultant).

This company boasts prestigious offices in Manchester City centre where they have consolidated their position as one of the Northwest's largest architectural practices. They are looking to add a Senior Technician to their already successful team. You will have provided working drawings through a mixed bag of project sectors while also possessing job administration experience. The projects they are currently working on include education, residential, commercial, healthcare and mixed. You will be rewarded with a very competitive salary package along with the opportunity to develop yourself further in this fantastic team environment. To apply please attach your CV and send to dans@aps-recruitment.co.uk (Northern Consultant).



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Architects & Technologists - North West - Perm - £35K

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Architects & Technicians - Leeds - Perm - £25 - £35K

This excellent practice now requires Architects & Technicians to complement their existing team. An extremely busy practice, their expertise lies across a wide variety of sectors/disciplines including transport, health, offices, education & community care. Other projects include bespoke residential, conservation, shop fronts and housing. Successful candidates must be AutoCAD literate and have a minimum of three years post HND / Degree experience in the architectural field. The successful candidates will be joining the company at a time of considerable expansion. A bright and rewarding future can therefore be expected with plenty of opportunity for career progression, for both Architects and Technicians. To apply please attach your CV and send to, dans@aps-recruitment.co.uk (Northern Consultant).

Architectural Assistant - London SW1 - Perm - £21 - £25K


Architectural Assistant is required by a leading London practice to work on one off top end private houses, assisting the Project Architect at all stages of the process, from design development and planning drawings through to detailing the buildings and working drawings. This is an excellent opportunity for Part II's wanting to progress to Part III and this practice actively encourages you to do so, providing the support and the projects necessary to complete the Professional Practice Exam. To apply please attach your CV and send to, georgie@aps-recruitment.co.uk (London Consultant).

Senior Architect x2 - London W1 - Permanent - £38 - £45K

This London Based practice requires a talented and enthusiastic architect to run major projects. There are excellent career prospects for an architect with the desired blend of design, technical and contract-running skills. Healthcare experience would be an advantage. In addition to your strong communication, presentation, time management and negotiation skills, you will be an ambitious team player. To apply please attach your CV and send to, georgie@aps-recruitment.co.uk (London Consultant).

Architectural Technician - London NW - Permanent - £23 - £27K

This established practice is seeking an architect technician to complement their existing team. You will ideally have 3-4 years previous experience. You will have a proven capability in concept design interpretation, construction techniques, UK Building Regulation, detailing, technology, contemporary materials and components also fully conversant with AutoCAD. This is an ideal role for a keen professional looking to work with a prestigious and well known organisation. To apply please attach your CV and send to, georgie@aps-recruitment.co.uk (London Consultant).



12 May 2005

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Part of the Avebury Group, Avebury Architects is a leading UK housing architectural practice with over 15 years sustained growth. Award winning for design and innovation and a Deloitte and Touche Indy top 100 winner, we are looking for people like you to grow with us.

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Post: Avebury, 417 Midsummer House, Midsummer Boulevard, Milton Keynes, Bucks, MK9 3BN

AJ Company Profiles

Everyone knows the AJ. After all, we've been publishing for well over 100 years, and are proud to call ourselves the UK's only fully paid for architecture magazine.

A company profile is a full-page synopsis of your practice, in a Q&A format, including;

- Background
- Type of work undertaken
- Staff



By placing a company profile in the recruitment section of the AJ you can raise awareness of your practice, both to potential clients and as a recruiter, and get your name in front of our entire readership.

For more information contact

Nick Roberts on **020 7505 6737**, nick.roberts@emap.com or

Laurie Shenoda on **0207 505 6803**, laurie.shenoda@emap.com

We are a strong design lead architectural studio based in south Manchester, specialising in high quality retail projects. We are currently seeking:

A qualified architect to act as practice project co-ordination manager and to develop feasibility and design studies. The role would be part time, and would suit a person wishing to return to architecture and still be able to manage a family.

Two newly qualified architects / Part II architectural assistants with strong design and presentation skills to be involved at all project stages.

Please send CVs and examples of recent work to Jane Thornton at the address below or email jthornton@taylor-design.co.uk.



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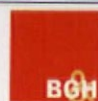
SENIOR ARCHITECT

We are looking for a creative Architect with exceptional design skills to join our expanding multi-disciplinary practice. Must be conversant with Autocad and have a sound knowledge of construction techniques for both new build and refurbishment projects.

Rapid career progression is anticipated for the right person.

Apply in writing with CV to:

Bradshaw Gass & Hope
Construction Design Consultants
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Allies and Morrison Architects

We are seeking recently qualified part 3 architects and part 2 assistants to join us to work on a number of interesting new projects.

Please send c.v. to:

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Architects
fao Stefanie Eberle
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ARCHITECT

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Recruitment enquiries

Laurie Shenoda
Tel: 0207 505 6803
Email: laurie.shenoda@emap.com

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Deadlines

Bookings/copy 5pm Monday
Artwork 12 noon Tuesday
Cancellations 12pm Monday

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Ampersand Associates Limited

We are a successful and very busy retail Architectural and Design practice working for well known retailers throughout the UK. We offer full technical services from survey through design, working drawings to full project management.

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Ideally you will be aged between 25 and 40 in similar employment.

Ampersand Associates is a progressive company and hence career prospects are excellent.

Please forward your CV and covering letter for the attention of Matthew Ashton by fax, e-mail or post.
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The School of Architecture is a joint School of the Manchester Metropolitan University and the University of Manchester and we are seeking to appoint a Head of School.

You will have overall responsibility for the leadership and management of a dynamic School with a strong teaching profile and a growing research capability.

You will demonstrate one or more of the following characteristics:

- National/international reputation for academic leadership in the field
- International research standing
- Professional achievements and recognition

You will have outstanding management skills and excellent interpersonal skills and will ideally be able to show evidence of successful leadership, particularly related to the management of change.

Salary will be dependent upon experience and professional standing.

The title of Professor will be awarded to an appropriately qualified candidate.

The Head will be an employee of the Manchester Metropolitan University but will be required to report to the Dean of Faculty in each University.

Further particulars are available from Mrs Julie Butler, Secretary/PA to the Human Resources Director, The Manchester Metropolitan University, All Saints, Manchester M15 6BH.
Tel: 0161 247 1562, email j.butler@mmu.ac.uk quoting reference number JB075. Alternatively download from our website <http://www.mmu.ac.uk/jobs>

The closing date for applications is Friday 27 May 2005.

Architect/ Assistant Architect

Young, Lake District practice seeks motivated, dynamic staff with minimum 2 years experience to help convert a large estate on the shores of Lake Windermere into a prestigious, contemporary residential and leisure development.

Vectorworks/Mac proficiency preferred.

Please send CV to Phillip Hubbard at:

Hubbard Architecture Ltd

Oak House, Langdale Crescent, Windermere

Cumbria LA23 2HE

T: 01539 488066/431448

E: phillip.hubbard@virgin.net



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Nick Roberts
Tel: 0207 505 6737
Email: nick.roberts@emap.com

Deadlines

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Artwork 12 noon Tuesday
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Recruitment advertisements in the AJ
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Ref: NW/AR/66

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Architectural Assistant

£18,360 pa
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Ref: NW/AR/67

Are you RIBA part 2 qualified and looking for a challenging, interesting role in which to develop your professional skills? Then this is perfect. You'll assist our Director of Architecture in managing a complex national project workload, combining detailed design work with the supervision of professional, technical, finance and construction related issues. In addition to your qualification, you should have a sound working knowledge of ARCHICAD v9, strong design skills and at least some experience of CDM regulations, cost estimating, report writing, contract supervision and procurement.

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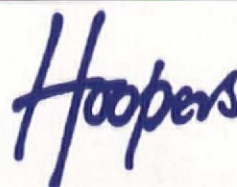
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We are seeking architects with at least 5 years post Part 3 experience for projects in the UK and abroad. You should be highly motivated, have excellent design skills, project running and detailing experience. Knowledge of Microstation is preferable but not essential. We are an equal opportunities employer.

Please apply with full CV:

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Senior Lecturer in Architectural Design

School of the Built Environment - Ref. BEN04/08

An opportunity exists for a new member of staff with a passion for architecture and an ability to inspire students, to join the teaching team in the Architecture Group within the School of the Built Environment. The School runs an Honours degree in Architectural Design and Management which has RIBA Validation at part 1 and is unique in its approach to management teaching in architectural design. The course has recently received an excellent Visiting Board report. There is also a degree in Interior Design, which is run jointly with the School of Design. There are great opportunities to be involved in the further development of architecture within the School.

You should have an architectural education, preferably be a registered architect with experience in teaching design. Your main duties would be tutoring students in the design studios, contributing to the lecture programme and supporting the management and development of programmes. An interest in architectural technology and practice would be particularly useful.

If you would like further information, please contact Peter Beacock, Director of Architecture, on 0191 227 3528.

Anticipated Start Date: 1st September 2005

Salary: Senior Lecturer £27,390 - £36,428

Closing date: 27th May 2005

Interviews will be held week commencing 13th June.

Applications can only be accepted when made on the official application form which you can request from our website <http://humanresources.northumbria.ac.uk/vacancies>, by telephoning (0191) 227 4321 during office hours or by writing to Recruitment Services, Human Resources, Northumbria University, Ellison Place, Newcastle upon Tyne NE1 8ST.

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Laurie Shenoda
Tel: 0207 505 6803
Email: laurie.shenoda@emap.com

Nick Roberts
Tel: 0207 505 6737
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Deadlines

Bookings/copy 5pm Monday
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Qualifications

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Urban Designers
Salary
Qualifications

Surrey Office
£24,000 - £35,000
MA Urban Design or equivalent

Experience In AutoCAD preferred.

Closing date for applications: 27 May 2005

Send your CV direct to Miriam Sharkey, HR Manager, PRP Ferry Works, Summer Road, Thames Ditton, Surrey, KT7 0QJ or email miriam.sharkey@prparchitects.co.uk

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Expressions of interest are invited from professional practices to act as lead consultant for the full range of services required by schools. The lead consultant will be expected to supply all the necessary expertise from the various building professional disciplines either in house or by appointing other suitably qualified and approved practices.

Practices wishing to be considered for inclusion on the panel should apply for an information pack and questionnaire to :-

dbeservices@btinternet.com by Friday 10th June 2005

Denning Male Polisano Architects

Require project architects and design orientated technicians with construction experience to work on a residential scheme which is part of the Arsenal FC development.

Please send CV to Lyn Bascombe

Fax: 01252 318446

Email: studio@dmp-architects.co.uk

If you are looking to advertise your course, tender, or expression of interest, please call
**Laurie Shenoda on
0207 505 6803**
or
email laurie.shenoda@emap.com

TENDERS**STIRLING COUNCIL****Sports Village, Forthbank, Stirling**

Stirling Council intends to appoint an Architect-led design team to carry out the design work associated with the Council's new Sports Village project, at Forthbank, Stirling. The Council has identified a 137 acre site on the north east edge of Stirling, on which to create the Sports Village. The northern portion of the site is contained within a loop of the River Forth. The southern part of the site is bordered by Springkerse Business Park and Stirling Albion football ground.

The Forthbank site will become home to a wide range of high-quality sports and leisure facilities, including a sports hall, football & hockey pitches, swimming & leisure pools, health & fitness studios, and curling rinks. Support facilities will include a rehabilitation and sports injury centre, a café and retail outlet, as well as extensive office accommodation for the Active Stirling Trust. Utilities and infrastructure design will also be required. The project is still evolving, and other additional facilities may also be required.

Although Architect-led, the Design Team will be multi-disciplinary, and will be able to demonstrate sufficient professional and technical resources to develop and manage a complex and evolving project of this scale. Experience in the design and delivery of multi-purpose indoor and outdoor sports and leisure facilities is essential, alongside experience of working with a range of stakeholders on evolving projects.

Requests for a copy of the PQQ should be made in writing to Ian Anderson, Corporate Asset Management, Stirling Council, Municipal Buildings, Corn Exchange Road, Stirling, FK8 2HU, or by e-mail to: andersoni@stirling.gov.uk.

Applicants must note that a non-refundable Documentation Fee of £25 will apply. The fee must be paid by cheque made payable to Stirling Council, and it should be received with the Applicant's request for a PQQ.

Completed PQQs must be returned in accordance with the instructions by no later than 12 noon on Tuesday 31 May 2005. For the avoidance of doubt, no tender documentation will be issued to applicants who have not paid the documentation fee by the closing time and date for applications.

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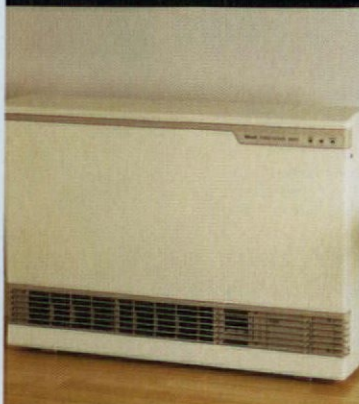
AJ ENQUIRY NO: 301



Input Joinery has made major savings in its manufacturing process, through shifting focus to laminated timber and engineered wood products. The company is now producing doors and windows using Timbmet's TEC range of Engineered Hardwood Components, and is reaping the twin rewards of reduced wood waste and time saved during manufacturing.

RINNAI

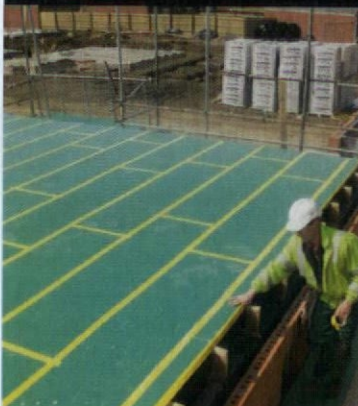
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Rinnai UK has announced a new 15 year warranty on the heat exchanger on its fanned-flue gas convection wall heaters, which are ideal for use in churches and schools. This announcement is expected to have a big impact on the UK convection heating market with life expectancy of products predicted to become paramount in purchasing decisions. Each year, over 12 million Rinnai heaters are sold.

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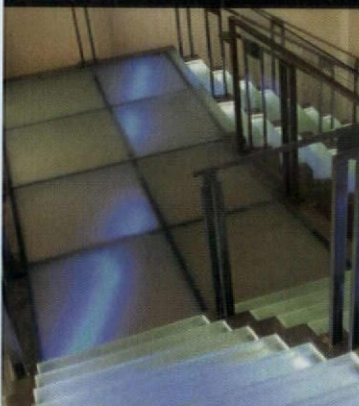
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Latest addition to the Weather Dek2 range of flooring systems from Puhos Board (UK) Limited is the Elite Fast-Fix package. This combines all the proven characteristics of the Weather Dek2 concept with a high performance P7 baseboard which extends effective weather protection and is especially suited to developments where longer exposure is likely.

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Glass UK, part of the LMC Group, has supplied all the toughened laminated glass for a striking new glass staircase at the recently refurbished London County Hall on the South Bank. Glass UK worked closely with its associate company in the Group, Metal UK, to deliver a seamless solution in just 8 weeks, from design and manufacture to construction and installation.

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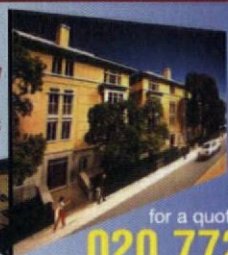
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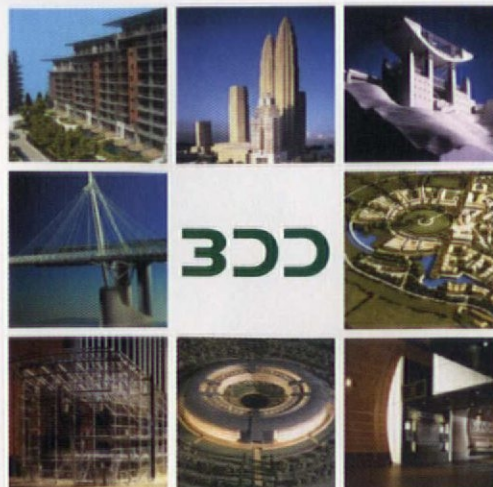
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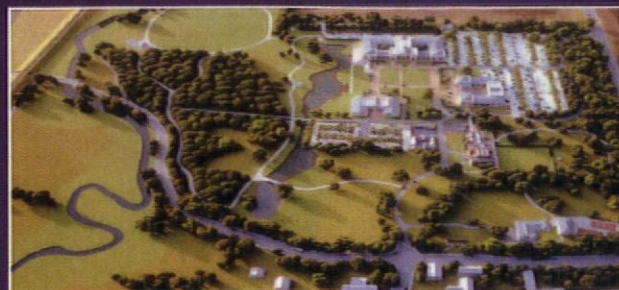
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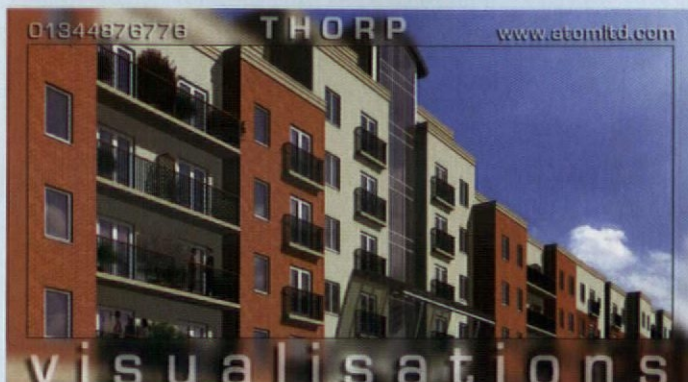
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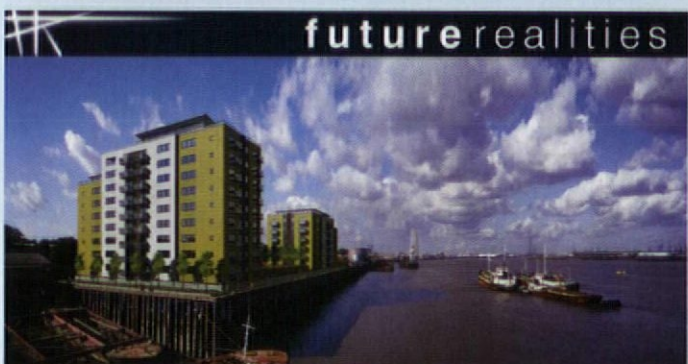


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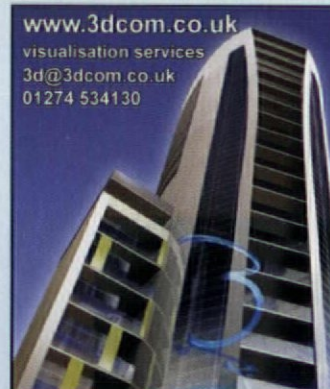


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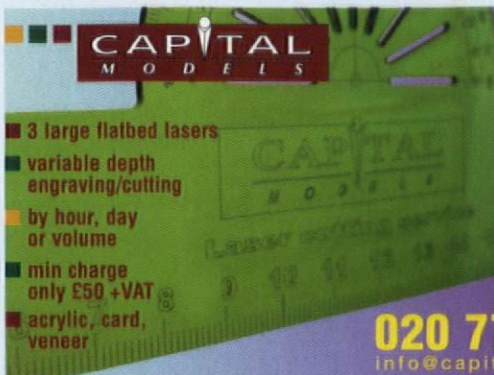
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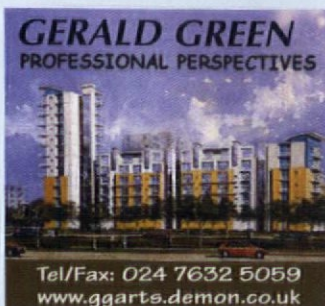
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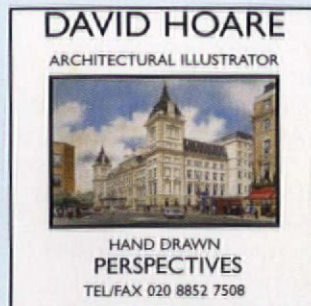
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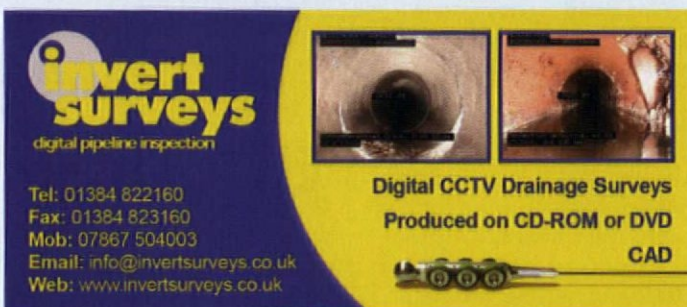
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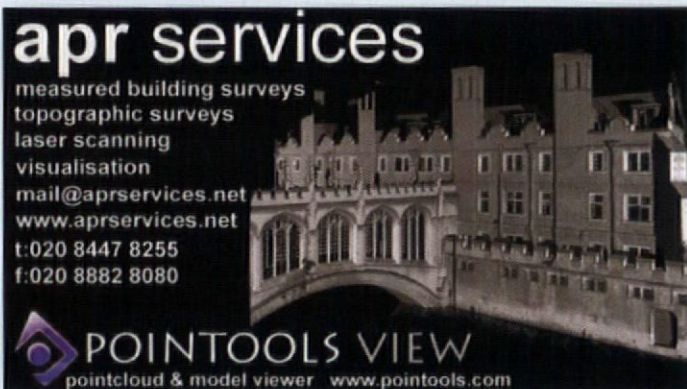


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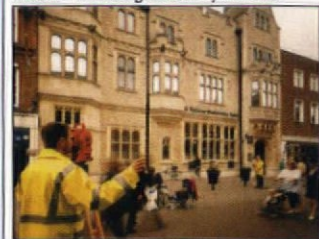
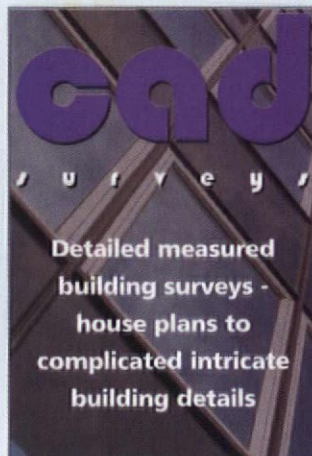
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Take the high road

Astragal left the capital behind and took off on a trip north of the border last week in order to join the 500 delegates attending the annual Royal Incorporation of Architects in Scotland (RIAS) conference in Glasgow. The wildly successful event, which featured contributions from such luminaries as **Ken Shuttleworth**, **Gordon Murray**, **Alan Dunlop**, **Glenn Murcutt** and **Fumihiko Maki**, took place in the wonderful Old Parish Church in Govan. In fact, the building's architect, **Robert Rowand Anderson**, was one of the founding members of the RIAS. All in all, an interesting venue for an interesting conference.

Burning bridges

Also speaking at the conference was **John Devlin**, Gateshead council's director of the development, who confirmed something that many may have been secretly suspecting for some time: that not everyone had been entirely happy with the news that the Millennium Bridge, designed by **Wilkinson Eyre**, would be coming to the city. Devlin claimed that getting approval for the scheme, which opened in September 2001, was in the most part extremely easy for the council. 'We always pushed at open doors,' he said, 'because we got the design right.' However, the praise for the scheme, which links new arts and cultural developments on Gateshead Quays on the south bank of the River Tyne with Newcastle Quayside on the north, was not all encompassing. 'Newcastle council wasn't too happy about it,' explained Devlin. 'They wanted it to happen, but they didn't want to fund it.'

Political pen pal

Others present at the Scottish event included el presidente **George Ferguson**, who was determined to tell people how hard the venerable institution had been working in the run-up to last week's general election. Apparently, around 4.5 million

spot the building



'Spot the Building' asks you to identify a well-known and recently completed building. To make it just a little more difficult we have had fun playing with the image. If you can decipher it, post your entry to arrive by first thing on Monday morning to *The Architects' Journal*, 151 Rosebery Avenue, London EC1R 4GB, or fax 020 7505 6701. The first correct entry pulled out of the hat wins a bottle of champagne. The building featured in the last competition (AJ 5.5.05) was **Yoshio Taniguchi's** redesigned MoMA in New York. **Jon Platt** of Victoria Park, east London, was the winner.

people have been exposed to the expanding influence of the RIBA's election manifesto – which was launched in late March, in time for the campaigning – through both national newspaper and television coverage. **Ferguson**, who will soon be enjoying a flying holiday over the Grand Canyon, also claimed that he intends to write to every elected MP in a bid to urge them to adopt the tenets of the 'golden code', which include making government funding contingent upon good design quality, and introducing stamp-duty relief on the first sale of sustainable homes. He'd better get cracking before his American trip though. There's the small matter of 646 personalised parliamentary missives that will have to be sent out before he takes off on his break.

Flying high

Good news for another budding aviator. **Richard Murphy**, another RIAS

attendee, and co-pilot **Graeme Ritchie** have each won a bottle of whisky, with the proviso that it is 'not to be consumed when flying', after being crowned first-place winners in the Scottish Microlight Dual Pilot championship last weekend. The accolade comes only a year after **Murphy** claimed second place in the coveted flying competition, and **Astragal** wishes him, and **Ritchie**, every success in future events. Are there any other national sporting champions out there from the world of architecture, one wonders? Answers on a postcard please.

Luke-warm lecture

Back down in fair London, **Astragal** was slightly disappointed by **Zaha Hadid's** performance at the Architecture Foundation's 'Real Architecture' lecture last week. While her well-known personality was evident in spades, some observers felt that the First Lady of architecture might have used

the talk to go into her influences and inspiration and explain how she came up with her distinctive style a little bit more than she clearly wanted to. A vast array of people – ranging from students to some of London's aspiring architectural names – turned up for the **Deyan Sudjic**-chaired event, and one cannot help but feel many of them would have gone away disappointed.

Water relief

Every so often the AJ receives a press release that appeals less to the aesthetic and more to the puerile side of the editorial team's collective character. One such rare occasion cropped up last week, when the team was the recipient of information detailing what is claimed to be 'the world's first designer urinal'. According to **Philip Watts**, the designer of said water closet, he took up the challenge due to a 'complete lack of respect' previously being shown for 'one of the most unappreciated, but most important areas of our lives'. Cue infantile tittering.

Food for thought

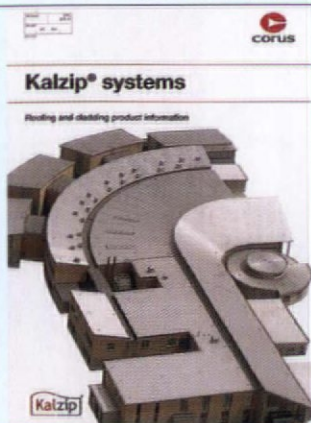
Avid readers will be well aware that **Astragal** has always loved a good party. Opportunities to enjoy a nice glass of bubbly with the 'big cheeses' of the architectural world are seldom refused. So imagine **Astragal's** ecstasy and delight to be greeted at the **Foster Lomas** and **acq** studio party by the grandest of grands fromages: a gargantuan globe of prime, and unbelievably pungent, parmesan cheese. Never in the history of arty parties has such a colossal chunk of cheese made quite such a huge impact. According to one source it took two men to lift the honking heavyweight – a gift from a grateful client – up to the first-floor office. Even though partygoers were chipping off huge lumps late into the night, the vast cheese still appeared to be largely untouched by the end of the evening. **Astragal** fears that if there is another bash at the Prince John Street studio, the cheese may well be back. Watch this space...

astragal

CORUS

AJ ENQUIRY NO: 201

Kalzip has produced its most comprehensive brochure ever – a 56-page guide packed with information on its standing-seam products and their applications. The brochure – entitled *Kalzip Systems* – illustrates the full range of profiles and demonstrates their ability to be curved and tapered to the most demanding of shapes. To obtain a copy of the brochure, email kalzip-uk@corusgroup.com or call 01925 825100.



STANNAH LIFTS

AJ ENQUIRY NO: 203

Stannah Lifts has installed a vertical platform lift to help TowSure, a towing and leisure specialist, meet the requirements of the Disability Discrimination Act and ensure all its customers can reach the goods on display. A blue Stannah Midilift SL has been installed to assist those who are unable to negotiate the stairway to reach the upper floor of the outdoor-pursuit retail store in Southampton.



BRETT LANDSCAPING

AJ ENQUIRY NO: 205

Carrick Housing is using dry-dashing aggregates from Brett Landscaping and Building Products as part of its ongoing refurbishment and repair programme for its 4,000 tenants and leaseholders in the



Falmouth and Truro areas of Cornwall. Most of the work uses Durite Canterbury Spar and Black and White Spar aggregates. For more information on dry-dashing aggregates, call the advice line on 01227 712876 or visit www.brett.co.uk

DAVID BAILEY

AJ ENQUIRY NO: 207

David Bailey Furniture System is going 'miniature', with specially designed and manufactured furniture to suit the discerning tastes of children. The 'mini-furniture' was specifically designed and manufactured in bright colours, in exact miniature proportions for children's use, and includes miniature cupboards, shelving units and wall units for nurseries. David Bailey has supplied nursery furniture to a number of hospitals, including the day nursery at King's College Hospital, London.



MUMFORD & WOOD

AJ ENQUIRY NO: 202

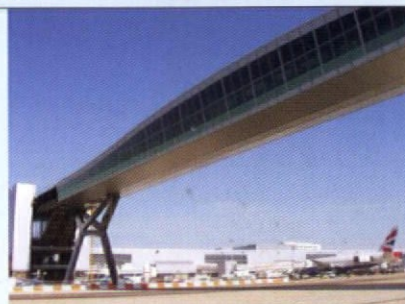
Mumford & Wood's Contemporary range of timber windows and doors has been specified in the construction of a renovated property in Essex. Tilt-turn-and-turn windows and French doors were used throughout, and tilt-and-slide patio doors were used to the rear. The range offers a wide choice of hingeing systems, and all products are fitted with weatherseals and factory glazed with Low 'E' glass as standard.



THE ANGLE RING COMPANY

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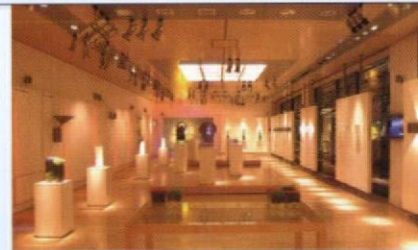
The Angle Ring Company, which started out 50 years ago making stiffeners for chimneys, silos and motor casings, is set to notch up another big international first, with its part in a giant construction project at Gatwick Airport. The firm has provided the key component in the construction of the airport's stunning new 198m-long passenger footbridge, the only one in the world outside the US to span an aircraft taxiway.



IGUZZINI ILLUMINAZIONE

AJ ENQUIRY NO: 206

The concept of iGuzzini's showroom at the Business Design Centre in London, devised by Maurizio Varratta, conceives the premises as a place where the attention



concentrates on light. The walls are lined with a selection of products from the range offered by iGuzzini; this selection varies over the course of the year according to specific and differing selection criteria. Specifiers and designers are invited to call in for demonstrations and assistance with lighting calculations.

BRETT MARTIN DAYLIGHT SYSTEMS

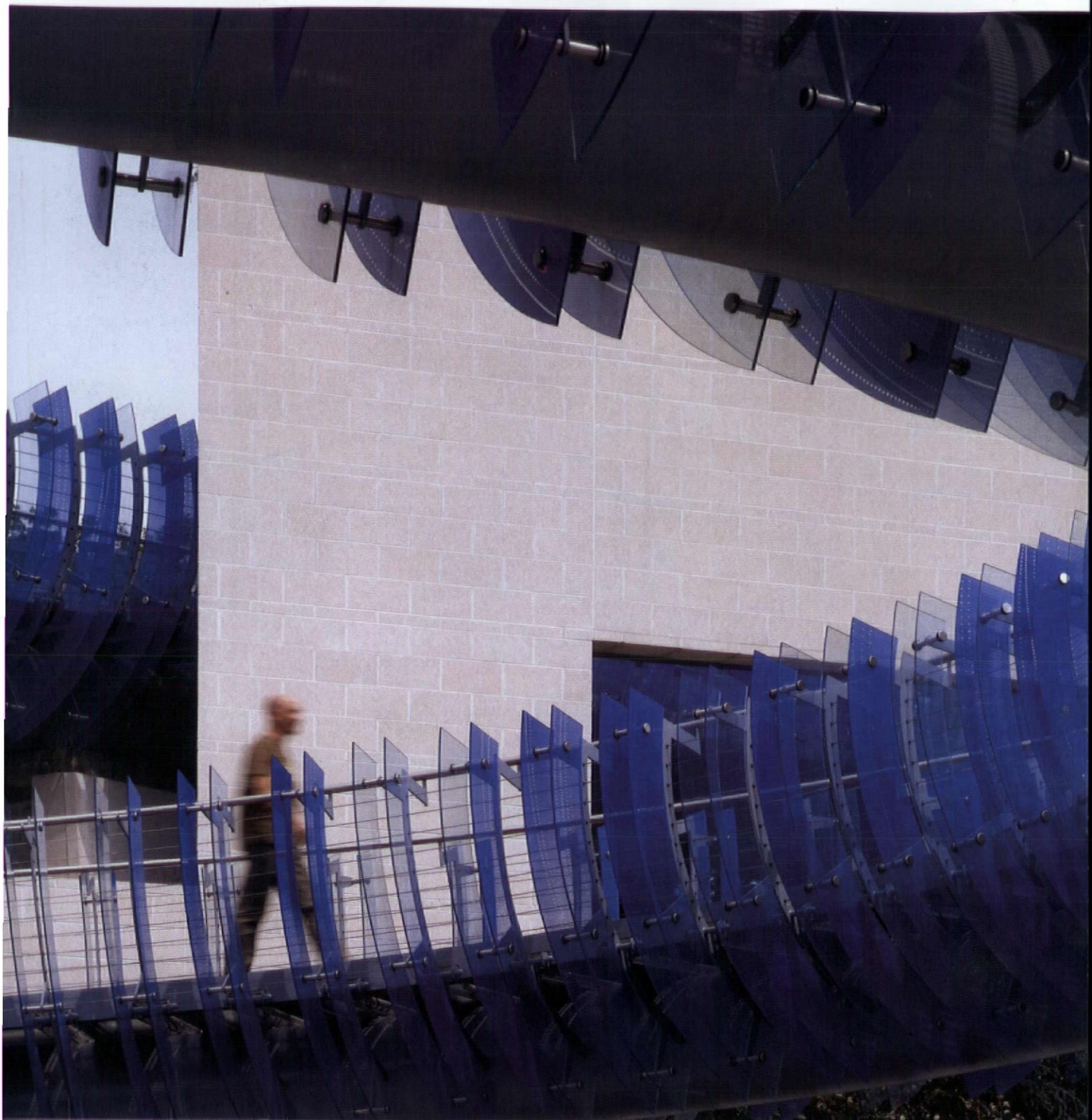
AJ ENQUIRY NO: 208

Brett Martin Daylight Systems' site-assembled, double-skin, translucent GRP rooflights have been installed in City Academy Bristol's new sports hall by roofing contractor Allmass Cladding Systems. Some 1,500m² of the rooflights have been put in place in the bright and attractive 11.8m-high sports hall, designed by Feilden Clegg Bradley Architects.





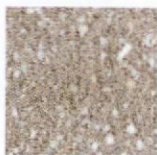
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