

AJ

# 24.11.05 MBLC/ THE LOCK

PEI COBB FRIED & PARTNERS  
LIBRARY

THE ARCHITECTS' JOURNAL WWW.AJPLUS.CO.UK

ISSN 0003-8466

48>



9 770003 846103

£3.25



# Choose NBS Office Library Service

**nbs**

The NBS Office Library Service offers unique and flexible library installation and management services for technical libraries. It harnesses the skills of trained and highly experienced librarians with bespoke library management software. The NBS Office Library Service provides and maintains a complete, organized and up-to-date libraries of technical information to reflect an organization's



from:

- A structured, well indexed library that is easy to use
- Up-to-date information, ensuring accuracy and reducing potential risk
- A reduction in staff time used to locate technical information
- The reinforcement of technical and QA standards
- Flexibility, so if your needs change, so can the service

For a no obligation assessment of your office needs,  
contact the **NBS Customer Centre** on **0845 456 6501**  
or for more information visit **[www.theNBS.com/OLS](http://www.theNBS.com/OLS)**

ENQUIRY 11 ON CARD  
[WWW.AJPLUS.CO.UK/AJDIRECT](http://WWW.AJPLUS.CO.UK/AJDIRECT)





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

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

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

**Editor**  
Isabel Allen  
**News editor**  
Ed Dorrell (020 7505 6715)  
**Senior reporter**  
Richard Waite (020 7505 6636)  
**Reporter**  
Rob Sharp (020 7505 6770)  
**Technical and practice editor**  
Austin Williams (020 7505 6711)  
**Working details editor**  
Sue Dawson (015242 21692)  
**Reviews editor**  
Andrew Mead (020 7505 6717)  
**Art editor**  
Sarah Douglas (020 7505 6705)  
**Assistant art editor**  
Eriko Shimazaki (020 7505 6704)  
**Production editor**  
Paul Lindsell (020 7505 6707)  
**Sub-editor**  
Angus Montgomery (020 7505 6708)  
**Editor, AJ Specification / Online**  
Ruth Slavid (020 7505 6703)  
**Managing editor, AJ Specification**  
Cristina Esposito (020 7505 6716)  
**Managing editor online**  
Barrie Evans (020 7505 6609)  
**Editorial administration**  
Angela Newton (020 7505 6700)  
Anna Robertson (020 7505 6700)  
**Marketing manager**  
Jo Roberts (020 7505 6615)  
**Publishing director**  
Jonathan Stock (020 7505 6744)

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

Back issues: 01344 404 407

**emap communications**

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

## LIKE LAMBS TO SLAUGHTER, WE HAVE FOLLOWED THE EGANESQUE ZEALOTS

By Isabel Allen

This week David Chipperfield identified the key difference between working in Europe and the UK as being that 'here you are not really expected to debate ideas'. So have we managed to completely obliterate architectural practice as a critical endeavour?

We have been bullied into believing that the survival of the profession is dependent on our ability to get to grips with critical-path analysis, value engineering, supply-chain management *et al.* In other words, the only way to protect ourselves from predatory project managers is to emulate their example as best we can. Like lambs to the slaughter, we have followed the Egan-esque zealots in their quest to create a culture which emphasises delivery and implementation over the intellectual and creative aspects of design.

There are those who make a triumph out of adversity. Rab Bennetts ingeniously PFI-proofs his buildings by designing them in such a way that it is impossible to cost out individual

elements without abandoning the entire design. You could, for example, have replaced the beautiful concrete table structure at the heart of Brighton Library with something rather cheaper, but you would have lost the building's environmental control system in the process.

Others have fought against the odds by implementing a strategy of 'design by stealth'. Avanti, along with every other reputable practice struggling to deliver decent buildings in the social housing and healthcare sectors, has developed an approach to detailing which allows for the inevitable rough and tumble of design and build.

But the architects who flourish under the pressure of this siege mentality are few and far between. Others, like Richard MacCormac, are forced to watch or walk away as their work is systematically undermined. We have let ourselves forget that real value is not delivered through endless compromise, but by knowing when it's worth putting up a fight.

## CONTRIBUTORS



Sue Dawson, who produces this week's Working Detail on the Lock on pages 34-35, is an architect based in Lancashire and the AJ's working details editor



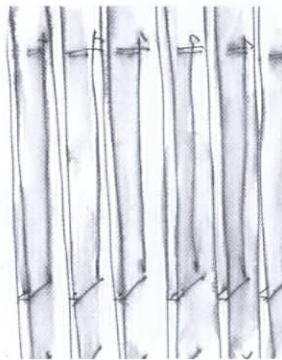
Clare Wright, who assesses the Lock on pages 25-33, was design manager at Circle 33 Housing Trust before forming Wright & Wright Architects



Alan Stanton, who is featured in this week's Sketchbook on page 58, is a partner in Stanton Williams. Both partners have just been made Royal Designers for Industry



## CONTENTS



### P. 58 ALAN STANTON



IOANA MARINESCU

### P. 25 MBLC



### P. 14 DRDH ARCHITECTS

#### NEWS

**6 – 7**

Weekly digest/online news

**11**

Crossrail moves to avoid Barbican collapse

**14 – 15**

DRDH Architects scoops major victory in Germany

#### AGENDA

**12 – 13**

How has the *Urban Task Force* responded to government progress on regeneration?

#### BUILDING STUDY

**25 – 33**

MBLC addresses the issues of urban living with its Lock housing project in Manchester

**34 – 35**

Working Details: a glazed atrium roof with walkways

#### TECHNICAL & PRACTICE

**37**

Austin Williams

**39**

Part L explained

**41**

Colour in Design

**42**

Legal/webwatch





## P. 12 URBAN TASK FORCE



## P. 44 THE MODERN HOUSE



## P. 45 PETER EISENMAN

### SUBSCRIBE

- Subscribe to the AJ before December 10 and get a FREE copy of the AJ Corus 40 Under 40 book (worth £11.99)
- Simply call 01858 438 847 quoting ref AJKH
- Your sub costs £129 (£89 for students) & now includes the AJ every week, AJ Specification every month, full access to [ajplus.co.uk](http://ajplus.co.uk) & six breaking news stories in a daily email alert

### REVIEWS

**44**

*Raul Barreneche* looks at the modern house

**45**

*Peter Smithson* in conversation. Critic's Choice

### REGULARS

**16**

*Astragal* and *Hellman*

**18**

Opinion: *Holly Porter*

**20 – 22**

Letters

**58**

Sketchbook: *Alan Stanton*

### JOBS & CLASSIFIED

**46**

The latest vacancies

**54**

Classified advertising

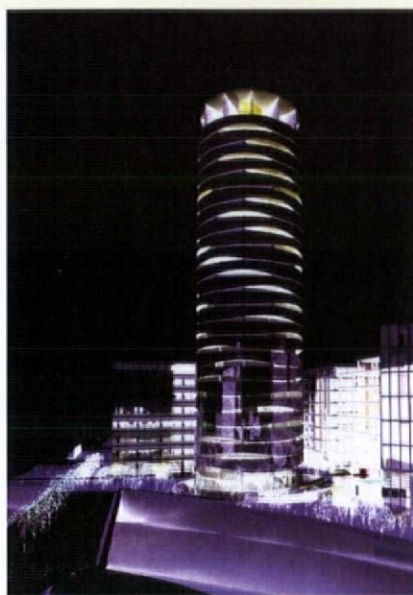
### AJ PLUS

- Read an interview with Swiss architect Mario Botta at [www.ajplus.co.uk/interviews/botta](http://www.ajplus.co.uk/interviews/botta)
- Daily breaking news at [www.ajplus.co.uk/news](http://www.ajplus.co.uk/news)
- More than 500 buildings at [www.ajspecification.com](http://www.ajspecification.com)
- More than 70 events at [www.ajplus.co.uk/diary](http://www.ajplus.co.uk/diary)
- Latest jobs at [www.ajplus.co.uk/jobs](http://www.ajplus.co.uk/jobs)



#### MAKE GETS GO-AHEAD FOR LEEDS TOWER

MAKE has cleared the first hurdle in its bid to build a 24-storey residential tower on the Leeds International Swimming Pool site, within a Carey Jones masterplan. Developer HBG Properties was given the initial go-ahead for the 'iconic' £160m scheme by Leeds City Council's executive board on Wednesday.



#### CABE IN GUARDED WELCOME FOR GEHRY'S HOVE PLANS

CABE's Design Review Committee has issued a guarded welcome to Frank Gehry's 'quirky' overall designs for the King Alfred development in Hove, although it has expressed concern over the project's lower residential blocks. The committee has also praised the building as something 'entirely new' for Brighton and Hove – and for being of the same ilk as the Royal Pavilion when it was built.

#### NORTHERN IRELAND COSTS SOAR

The value of one of Northern Ireland's highest-profile PFI schemes has suddenly shot up by more than £50 million. The province's new police training college, to be built on a 109ha site near Cookstown, Co Tyrone, will now cost £134 million, not the £80 million predicted last year. The cost changes have come even before the team behind the project has appointed an architect to work up the proposals.

#### BOTTA PLANS FIRST MOSQUE

Swiss architect Mario Botta has announced he is to design his first mosque. The religious specialist has previously been known for his work on churches and synagogues. Botta spoke to the AJ on Tuesday when he was in London to publicise his new exhibition at the RIBA, 'Architecture of the Sacred: Prayers in Stone'. For a full interview with Botta, visit [www.ajplus.co.uk](http://www.ajplus.co.uk) tomorrow morning (25.11.05).

#### KINETIC GETS VICTORY

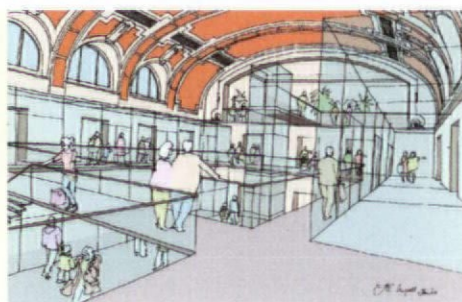
Birmingham-based Kinetic-AIU has won an international invited competition to design a masterplan for the Warwick Bar area of the second city. The practice saw off the likes of AZHAR architecture, DSDH, Fat, S333, Jeppe Aagaard Andersen and Sarah Wigglesworth.

#### ENGLISH HERITAGE FIGHTS BACK OVER CHISWICK HOUSE

English Heritage (EH) has hit back at attacks on its plans for the 'regeneration' of Chiswick House in west London. The quango has faced heavy opposition to proposals that will see 'major improvements' to the historic grounds and a renovation of Britain's oldest Palladian house. EH claims it simply wants to improve access to the building.

#### PERTH CITY HALL BACK IN TUNE

John Lyall Architects' client, Wharfside Regeneration, has won a competition organised by Perth & Kinross Council for the adaptation and re-use of Perth City Hall, Scotland. The listed building, dating from 1908, became redundant this year with the completion of the city's new symphony hall.





#### TASKFORCE MEMBER IN RIOT WARNING

A leading member of the reconvened Urban Task Force has warned that Britain's cities are on a 'knife-edge' that could lead to the wholesale rioting seen in France over recent weeks. LSE professor of social policy Anne Power, speaking at the launch of the second Urban Task Force report on Tuesday, claimed that the ethnic polarisation seen in some of Britain's inner cities has caused the rise of extreme community tension.

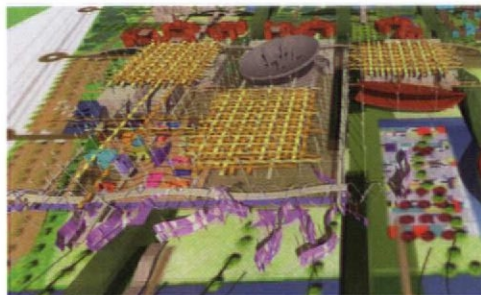
#### S&P IN THE SWIM WITH CORBY POOL PROJECT

S&P Architects, the practice working with Zaha Hadid on the 2012 London Olympic Aquatic Centre, has won a competition to design Corby's new swimming pool. Hailed as a 'flagship project' as part of the Parkland Gateway Regeneration programme, the £9.9 million scheme will create a 25m-long, eight-lane competition pool on the edge of the Northamptonshire town.



#### BUS GARAGE FINDS CHAMPION

A former Desert Rat has vowed to take on the Duke of Westminster's developer, Grosvenor, in a bid to save the much-loved Modernist bus garage in Preston. Hailed as a 'stunning example of 1960s co-ordinated transport planning' by the Twentieth Century Society, the bus station will be pulled down under current proposals to regenerate the centre of the Lancashire city.



#### BEIJING IN FASHION

Broadway Malyan has completed this schematic proposal for a new 70,000m<sup>2</sup> retail fashion park in Beijing. The scheme provides three integrated retail environments selling Chinese, Asian and international brands. The space incorporates a fashion school, exhibition centre, museum, conference facilities and a five-star hotel.

#### LEGAL BATTLE COSTS RISE

A legal battle between the now-defunct MAK Architects and developer Winterdome is expected to cost at least £120,000. A leading legal cost expert has claimed that the price of the action, over alleged negligence by the architect, will extend into six figures when it kicks off on 20 February 2006.

#### ARCHITECT SENT TO QUAKE ZONE

Recently formed charity Architects for Aid has sent Sam Price, from London-based practice UV Architects, to an earthquake-hit area of northern Pakistan. The architect will join with the recovery and relief assessment project set up to help the survivors of the 8 October disaster.

#### EH MOVES TO BLOCK CITY TOWER SCHEME

English Heritage is objecting in the strongest terms to KPF's plans for the DIFA tower on Bishopsgate in London, it has emerged. The conservation quango has demanded that the Corporation of London reject the scheme, citing views from Tower Bridge, the Tower of London and St James' Park.

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

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



## affordable aluminium.

Aluminium panels.

Aluminium lock.

Aluminium doors.

Top pivoted in  
aluminium headrail.

Bottom pivoted in  
aluminium foot.

icon aluminium.

At a price that  
allows you to put  
quality cubicles into  
all types of building.

---



Door formed from 0.7mm anodised aluminium, factory folded on leading edges and bonded to a 25mm core.



Anodised aluminium lock, locates in continuous aluminium receiver for strength and durability.



Engineered aluminium foot, concealed spring loaded open or closing mechanism.





**thrislington cubicles**

**Product:** icon

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

**Scale:** nts

w [www.thrislingtoncubicles.com](http://www.thrislingtoncubicles.com)  
e [info@thrislingtoncubicles.com](mailto:info@thrislingtoncubicles.com)

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



innovation  
design  
technology  
diversity

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

[www.spaintiles.info](http://www.spaintiles.info) Spanish Embassy Commercial Office Tel: 020 7467 2389 Fax: 020 7224 6409 e-mail: [consumo.londres@mcx.es](mailto:consumo.londres@mcx.es)  
Tile of Spain and the "N" logo are registered trade marks of ASCER (Spanish Ceramic Tile Manufacturers' Association)

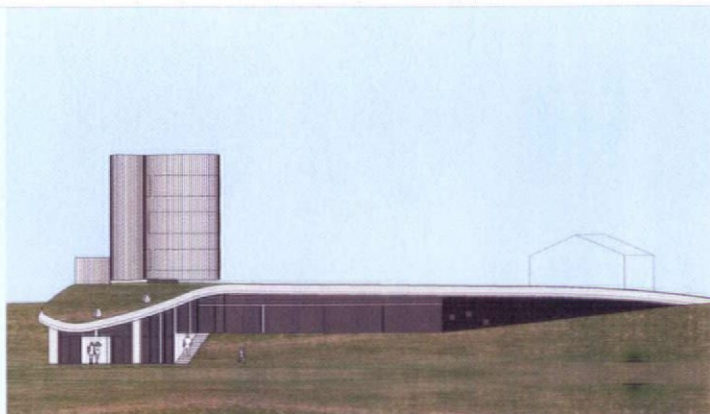


tile of spain  
be creative



### MODERNIST HOUSE FAILS TO FIND FAVOUR

Hudson Architects has lost a planning appeal for this country house – the first Modernist scheme to be submitted under the terms of the PPS7 clause. Elvendon House in Goring-on-Thames, south Oxfordshire, would have been almost entirely buried under a sloping valley side and was praised by CABE for being 'well considered in functional and topographical form'. However, the planning inspector rejected the scheme, claiming the house did not 'significantly enhance' its immediate setting and would harm the character of the surrounding area of outstanding natural beauty.



## CROSSRAIL MOVE SAVES BARBICAN

By Richard Waite

Crossrail has made a dramatic U-turn over proposals for a major tunnel under the Barbican in a bid to save the 1960s towers from sinking.

The AJ has learned that the firm, which is charged with delivering the cross-London rail link, has dropped plans to use a sprayed-concrete tunnelling method, alleged to be the controversial New Austrian Tunnelling Method (NATM), on part of the route beneath the Grade II-listed estate.

Experts warned that the method, which was linked to both the 1994 Heathrow Express cave-in and the Barcelona Metro collapse earlier this year, could threaten the Barbican centre's structural stability (AJ 17.03.05).

However, the original plans have been changed following discussions between Crossrail

and the Corporation of London, which was particularly worried about plans to excavate a 'cavernous' crossover tunnel.

It is understood that the parties have now agreed that the main track-crossover tunnel is to be constructed with a horizontal piped arch technique and will be shifted towards Liverpool Street station. As a result, the cavern will lie below the Barbican's lakes and parkland rather than beneath the heavy residential units.

Joe Weiss, the Corporation's strategic transportation director, admitted he was pleased with the proposed amendments.

'The environmental statement revealed an alarming proposal to use the NATM. The Crossrail team had probably rushed in at first.'

He added: 'The plan is now to drill horizontal, intersecting

piles in the shape of an arch. It's a very robust construction and you can take earth out without it falling down.'

Another bonus is that there will no longer be a need for a massive, 24-hour concrete factory in nearby Aldersgate, because the new method will rely on pre-cast piles rather than sprayed concrete.

Weiss said: 'This would have risen three storeys high outside homes and the issue caused a deep local interest.'

The move has met with a guarded response from Richard Morrison, head of the Barbican Association residents' sub-committee on Crossrail, who said: 'It is good news, although we will have to see if the new plans raise any other issues.'

Morrison is expecting an undertaking from the company to confirm the changes shortly.





1.

## TASK FORCE DELIVERS ITS VERDICT

By Rob Sharp

Not so much a report as a 'report card'. That's the summary of the second coming of the Urban Task Force, charged with the task of 'sorting out' Britain's cities.

What's not clear is what grade to award the government for its pursuit of inner-city design excellence. The report seems to award a 'B' for achievement and a 'C' for effort. It's come some way since 1999, but it could try harder.

'The difference between when Labour came to power and now is the sea-change in investment in inner cities,' says task force member Ricky Burdett, 'not encouraging suburban sprawl.'

Yet the government is far from perfect. 'The biggest deal at the moment is the quality of design,' task force chairman Richard Rogers tells the AJ.

'We're still well below the standards we wished to reach [the first time the task force convened] and the best examples in Europe.'

And Burdett agrees: 'There's a deeper issue about UK policy makers and their diffidence toward design,' he says.

One of the key problems in achieving these lofty design exemplars seems to be the bureaucracy suffocating their delivery. While the task force called for delivery authorities to spearhead housing growth, it seems the government overcompensated – with authorities and acronyms coming out of its ears.

The reason for this is a concentration on the short-term benefits of attracting business to city centres, rather than the long-term benefits of good planning. This is reflected in

the demographic of delivery authorities up and down the country. Burdett – for one – questions the lack of design-focused management at English Partnerships, which is somewhat laughable, considering that it seems to be a standard-bearer for central government's wish for cheap, well-designed housing. '[These authorities'] jobs are to promote business, not to create, beautiful, sustainable, integrated environments,' says Burdett.

Rogers called on the Olympic Delivery Authority and Thames Gateway regeneration partnerships to work 'shoulder to shoulder' with designers, as happened in Barcelona in the run up to the 1992 Olympics.

Like Rogers, Burdett sees Europe as the example to follow. 'There's something



2.



3.

1. Despite being of high density, Appleton in Warrington was slammed by the task force for lacking good transport links and 'a sense of place' 2 & 3. The Greenwich Millennium Village was heralded by the task force as an example of good design

intrinsically different between how a Dutch planner and an English planner view the world. Design is much more ingrained in their DNA,' he claims. While Rogers scoffs at such a generalisation, he agrees there's a problem. 'It's a lack of land issue – over there they value what they have much more than we do. I don't know if it's endemic. But there's a real problem with the UK system.'

It was apparent at the launch of the report that disagreements between the task force members ran fairly deep. They were split over how the government should tackle the 'fundamental problem' of urban renaissance – or design on a wider scale. While Rogers believes densities should be ratcheted up to prevent urban sprawl, senior planning academic Peter Hall believes

lower densities are the solution to house families, with higher densities for single- and two-person accommodation. 'I don't think builders would respond to calls for higher densities, and the targets set by the Barker Review [on housing delivery] would be compromised,' he tells the AJ.

Hall sits as a planner should on the panel – as a mediator between the architects and the public – and his answer to improving Britain's grades is, to say the least, pragmatic.

'Flick through the Saturday supplements and look at the property advertised,' he says. 'This is what people want – Edwardian suburban housing. Architects now need to produce a new vernacular without compromising their standards.' Let's hope the government is listening.

## THE URBAN TASK FORCE

### ACHIEVEMENTS SINCE 1999

- CABE is now an established champion of design quality;
- There are encouraging examples of good design, such as the Millennium Village in Greenwich;
- Transport investment has increased;
- Congestion charging has gone some way to civilising congested roads.

### CHALLENGES TODAY

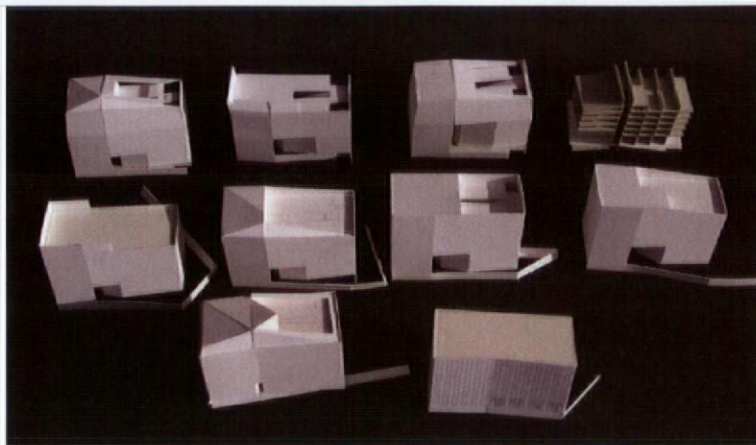
- The need for more houses is overtaking the need for good houses;
- Decision-making structures still fail to prioritise design;
- Design quality is not a key objective for public bodies with built-environment responsibility;
- Design advice to ministers, mayors, local authority leaders and cabinets is too limited;
- Design briefs are poorly written and structured;
- Masterplanners are separated from other design teams in the development process – which leads to fragmented environments;
- Community groups are excluded from decision-making processes.



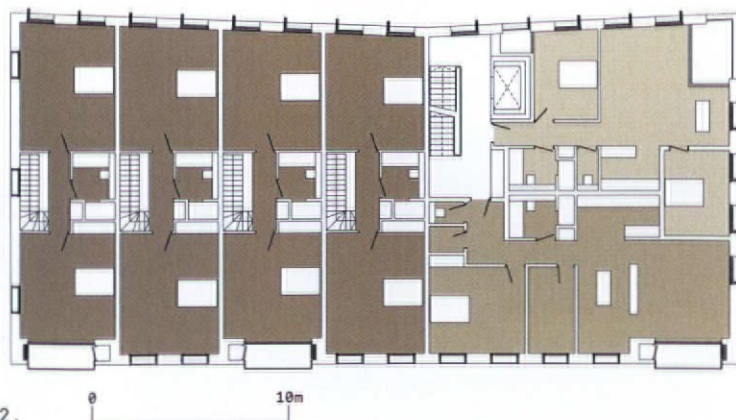
## DRDH TASTES VICTORY IN GERMANY

This scheme, by young London-based practice DRDH Architects, has won a competition in Hamburg. The firm saw off competition from Austria's Love Architecture; Onix, from Holland, and four Hamburg practices. The competition – which targeted up-and-coming offices – was based around a three-day design workshop. The scheme will nestle within the HafenCity masterplan, which features projects by a wide range of international stars, including Benedetta Tagliabue, Herzog & De Meuron, David Chipperfield and Philippe Starck. DRDH's designs focus on simplicity and reference the traditional waterside architecture that surrounds the site. This approach is reflected in the form of the building, that subtly changes angles – both in the facade and the roof – in response to the way the light changes throughout the day. The winning designs will be worked up before being approved by a residents' co-op that has a 60 per cent share in the development.

*By Ed Dorrell*



1.

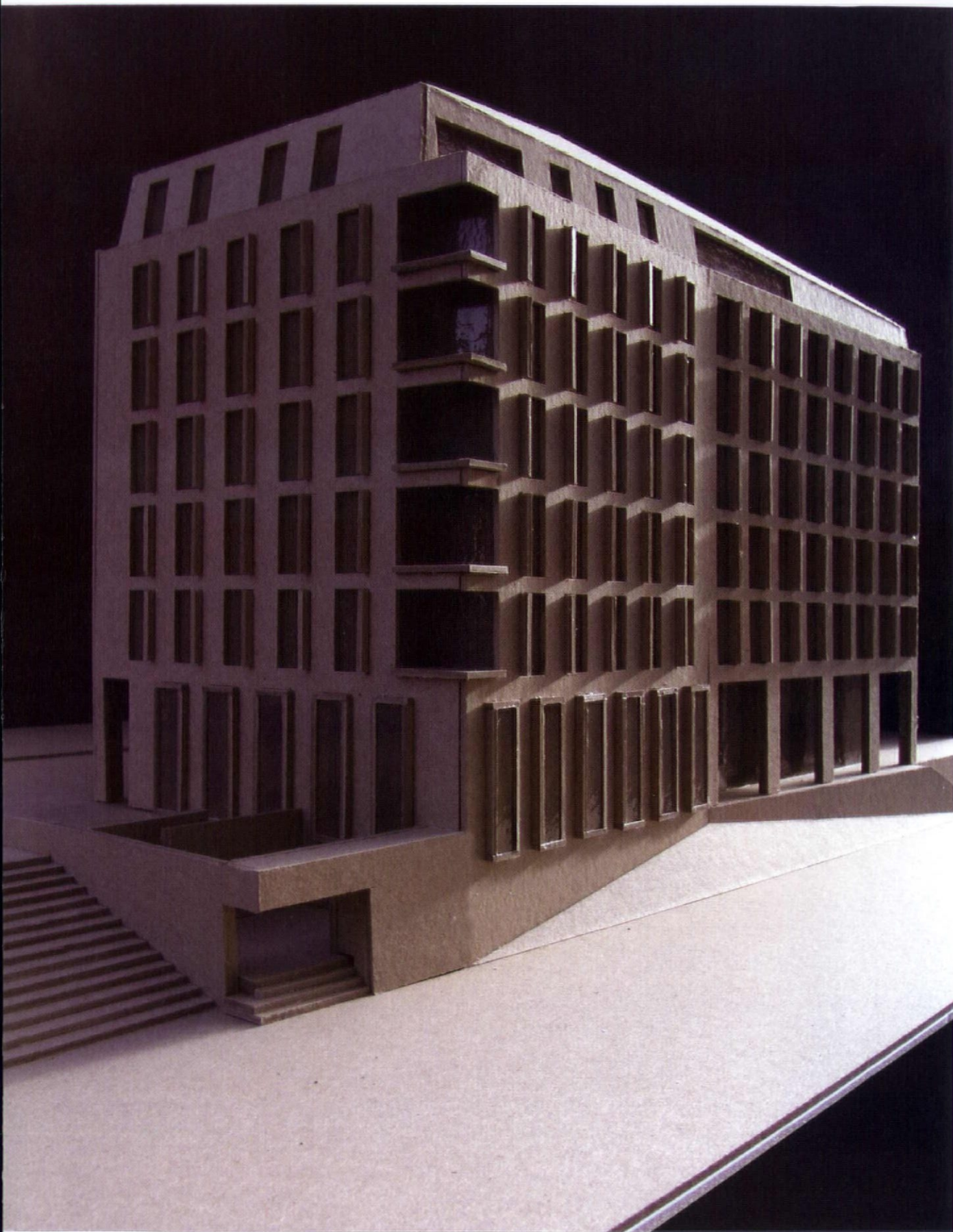


2.

1. Concept models
2. First-floor apartment block plan
3. The angles of the facade and roof respond to the way the light changes throughout the day

3.







*'He is possessed of a gravely ambiguous demeanour that might belong to a burly end-of-pier straight-man'*

Jay Merrick on Tony Fretton, *Independent*, 16.11.05

*'I heard someone ask at a conference "How can we design housing to cope with large-scale immigration?" That must be the most dangerous thing we can ask'*

Ricky Burdett, *Financial Times*, 19.11.05

*'The big difference between working in Britain and Europe is that here you are not really expected to debate ideas'*

David Chipperfield, *Guardian*, 21.11.05



#### TAKING A SHOT AT NORMAN

Astragal went east last week to The Yard on Old Street for the opening of the **Architecture Foundation** show, 'I Shot Norman Foster'. The photography exhibition featured work by **Richard Wentworth**, **Jemima Stehli**, **Olivia Beasley**, **Poppy de Villeneuve**, **Chris Steele-Perkins** and **Norbert Schoemer**, reinterpreting some of Foster's most famous buildings. Veteran journo **Eddie Heathcote** and **Ken Powell** were among those admiring the snaps on display. Also gracing the occasion was the great man himself, **Norman Foster**, who descended on the event wearing a fetching black polo-neck and salmon-pink suit – the less said about that, the better. 'What a terrific idea,' his lordship said of the show, 'and what a diversity of images

featured'. When one hack attempted to pin him down, Norm went on to brush off his loss at this year's Stirling Prize with typical ambiguity. 'It was great to be shortlisted for once,' he murmured, before leaving mid-sentence to talk to someone more interesting.

#### A STICK TO BEAT BILL WITH

At the recent **Chartered Institute of Building Engineers** conference, hundreds of besuited engineers met to discuss the implications of the dreaded Part L. The RIBA's sustainability guru **Bill Gethin** seemingly felt as if he had to prove he was no pushover. Speaking of his approach to environmental enforceability – rather than his slimline appearance – he made the announcement: 'I am a stick man'. Presumably as opposed

to being a 'carrot man'. With that personal declaration out of the way, and feeling that he was among friends, he confided: 'I'm a fascist at heart.' At the end of his speech, he got a rousing round of applause, but no salutes.

#### THE WOOD AT WAR

It may be 60 years since the end of the Second World War, but that is as nothing in the life of a tree. Furniture maker **Luke Hughes** made this point during a talk at the RIBA last week. Hughes has been having some trouble with trees – specifically, some being felled that witnessed Ukraine's intense Battle of Kursk. Despite investment in the most modern saws, the Polish mills that process the timber are suffering constant shutdowns due to shrapnel embedded in the wood.





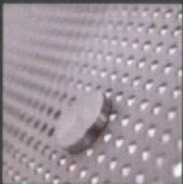
TUBE



Architectural Handrail and Balustrade  
Modular System Solutions

**Handrail Design Limited**

Tel: +44 (0)1634 817800 E-mail: [info@handraildesign.co.uk](mailto:info@handraildesign.co.uk)  
[www.handraildesign.co.uk](http://www.handraildesign.co.uk)



ENQUIRY 15 ON CARD  
[WWW.AJPLUS.CO.UK/AJDIRECT](http://WWW.AJPLUS.CO.UK/AJDIRECT)

icon

# ironing out imperfections

When you're through with adding the finishing touches to your design, we get to work. With the confidence and experience of undertaking global projects, from historic buildings to landmark developments like Heathrow Terminal 5, every detail is carefully considered and where there's an imperfection, we'll develop a smooth solution.

Select warringtonfire consulting - ironing out imperfections, making the process smoother!

Winners of the 2004 Fire Engineering Award



1965 - 2005  
**40**  
ANNIVERSARY

t: +44 (0) 1925 655116 - f: +44 (0) 1925 646660  
w: [warringtonfire.net](http://warringtonfire.net) - e: [info@warringtonfire.net](mailto:info@warringtonfire.net)

 **warringtonfire**  
global safety

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





## I RESCUED MY STILETTO HEEL, WHICH HAD ATTACHED ITSELF TO A CRACK IN SIMON STARLING'S WOODEN STRUCTURE SHEDBOATSHED

If the only thing that makes life possible is permanent, intolerable uncertainty then this year's Turner prize show was a good example. Last year I was un-inspired and this year it's great. But then, I've always been addicted. I love the Turner Prize and I go every year for three reasons: for the spectacle of the event itself; for a curiosity to see the work and for the ideals behind the exhibition.

It's got it all, if not always in the work then in the public that views it. To an architect, it's a spectacle like no other. I'm fascinated by the electric interaction between the public, the gallery space and the art on display. I remember being really excited at my first Turner Prize when I was six – and this year was no exception. After rescuing my stiletto, which had attached itself to a crack in Simon Starling's wooden structure *Shedboatshed* (*Mobile Architecture No.2*), I was swept through the exhibition along with the rest of the British public – all united in their curiosity of creative endeavour. In a way, it's the great exhibition of our time – and because of that I always think it's sad that it's not free to enter.

I like the fact that it was named in memory of a painter who wanted to set up a prize

for young aspiring artists. Interestingly, this year they really were. Almost all the artists showed a curious, yet intelligent, restraint in their use of single media. In his subtle use of the moving image, Darren Almond – with an incredible lightness of touch – records a portrait of his widowed grandmother. Gillian Carnegie's journeys through the qualities and textures of paint are best shown in her Black Square paintings, which looked almost edible in their depiction of woodland scenes, vigorously but delicately created in tar-like black oils. Meanwhile, Starling creates a sharp adaptation of *objets trouvés* through his *Shedboatshed* and other pieces. It is almost as if there is a return to a Ruskinian zeal for artistic and creative specialism and an emphasis on the processes of production. Perhaps there are some parallels with contemporary young architects, who, faced with a construction industry where the parameters for technological innovations are expanding by the day, need to specialise in their skills in order to achieve clarity in their work.

From the Turner Prize's inception in 1984, the question has always been on what criteria the honour is awarded.

But it's exactly this debate, encouraging the public to think over the intangible act of creativity for creativity's sake, that holds the value of the prize for me, not who wins or why they win. As Oliver Holmes once said: 'Man's mind, once stretched by a new idea, never regains its original dimensions.' To create, in our increasingly consumerist society, an event where four people's creative vision, ideas and work in one gallery can raise a public debate that the whole country interacts and engages with is, for me, a formidable achievement and the reason I will continue to go.

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



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



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

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

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

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

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



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



## LETTERS

### WHAT CAN BE LEARNED FROM BROADCASTING HOUSE

Now that Sheppard Robson has been appointed to replace Richard MacCormac on Broadcasting House (ajplus 04.11.05), it's appropriate to learn from this sorry affair, which has seen a master architect replaced on such an important commission at its midway stage.

Surely the time is now right for us to consider the process used in the US, where there is a marriage at the beginning of major projects between the design architect and the architect of record (a much more elegant title than executive architect).

If this approach had been adopted at the BBC, then MacCormac could have retained his involvement throughout the project as design architect, while Sheppard Robson would have taken on the executive role as the architect of record, responsible for the project's implementation and delivery.

When this relationship works effectively, as it does across the US, each architect retains ownership of their particular element of the scheme and the divorce between architect and client that we've seen at the BBC is avoided.

*John McAslan, John McAslan + Partners*

### BRITISH ARCHITECTS DO THEIR BIT FOR CHARITY

The quote from Shigeru Ban from the *Guardian* (AJ 03.11.05) that damned architects in comparison with solicitors and accountants for not putting their shoulders sufficiently into charity work seems to have been plucked from a long interview to imply that UK architects are just as uncaring.

In France, where Ban has a studio at present, there is a healthy tradition of solicitors 'doing their bit', but in the UK it is architects who are well represented. In organisations such as Business in the Community around 20 per cent of the member companies offering professional help are architectural firms.

At PCPT we have won a Business Charter Award and have also been working for 15 years across the West Midlands, with community initiatives in such areas as Aston, Walsall, Bordesley Green and as far away as Hereford, trying to make

a difference and providing skills and good advice where and when it counts.

So, what about a bit of positive publicity for the profession?

*David Mahony, PCPT Architects*

### MURRAY'S ROLE IN BOW COMMON CHURCH

I am writing to make one small but important correction to the appreciative obituary of my former partner Keith Murray (AJ 10.11.05) – important for the sake of historical accuracy, since the Bow Common church is Grade II\*-listed. Fr. Gresham Kirkby did not appoint Keith as architect for St Paul's church.

Keith was a designer, silversmith and sculptor, not an architect; he introduced me to Fr. Kirkby, who appointed me on the strength of a radical church design I had produced four years earlier when a student at the AA School.

The arrangement was that I would design the building and Keith would create some £8,000-worth of glass mosaics (a vast commission in 1956) due to be paid for by the War Damage Commission in lieu of stained glass.

Keith and I worked very closely on the project and by the time it was building and another church commission had arrived (in 1959) decided to start a joint practice. The mosaics were eventually done by Charles Lutyens.

Incidentally, the whole AJ staff at the time knew the progress of all this as a daily running saga, because to keep body and soul together while designing the church, I worked for four years as the AJ's buildings editor.

*Robert Maguire, by email*

### MINIMUM IMPACT? WHAT ARE YOU DRIVING AT?

I was enthralled to read about Laurie Chetwood's Andes house (AJ 10.11.05), and even more delighted to read that the dwelling 'impacts only minimally on the environment'.

What a pity to discover that it has a garage for six cars!  
*Colin Anderson, by email*



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



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

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



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

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



“**.communicate**  
**.communicate**”  
**.communicate**”

“**.communicate**  
**.communicate**  
**.communicate**”  
**.communicate**”

When building our new website, we took advice from the leading technical experts. You.

We wanted [corusconstruction.com](http://corusconstruction.com) to be a little different, so we consulted industry partners and potential users to find out exactly what they wanted. The result is a site that, as well as containing everything you could ever want to know about Corus in construction, also offers up-to-the minute industry news, views, and impartial advice.

You can even create and maintain your own secure area on the site, where you control the content and we send you regular updates on the issues and products that interest you.

You see, we believe that a website is not about selling, but about communicating. That's why we built ours around you.

Discover more at [www.corusconstruction.com](http://www.corusconstruction.com)

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



# PARDEY'S WORK IS PRETTY, BUT WHAT ABOUT THE REST?

How does John Pardey do it (AJ 17.11.05)? Most of us spend an entire lifetime searching for the ideal client – the imaginative, creative couple with disposable income to spare. Yet Pardey seems to have a steady stream of them knocking at his door. Maybe it has something to do with the fact that, unlike the rest of us, everything he produces ends up in the AJ. How about giving the rest of us a chance?

Pardey's houses may be beautiful, but they can hardly be said to be representative of British architecture. Might I suggest that the AJ devotes a lavish feature to some gritty social housing or, better still, a deeply flawed, highly compromised private dwelling which is pretty mediocre and done on the cheap, but which represents a triumph when compared to the pitiful aspirations of the client. I'm sure you would have plenty of material to choose from.

*Tom Edwards, by email*

# NEW AUTOCAD HAS GOT ME ON A GO-SLOW

Having used AutoCAD for some 11 years now, I would consider myself to be super quick. So, having installed our new AutoCAD 2006, I was disappointed to find myself working more slowly and being frustrated by the unnecessary changes.

The package now seems to run more slowly, is full of unnecessary visual enhancements which do nothing but irritate your eyes, and also seems to have omitted some of the most useful aspects of the previous release.

We have become familiar with tailoring the package to our needs over the past few releases, so why re-invent the wheel? I now need to spend time re-learning some fundamental aspects of the program rather than getting on with progressing projects.

If AutoDesk wants to continue to supersede its products and demand the additional fees that this entails then it should at least develop the product so that it genuinely makes life easier for us end-users.

*Gareth Hickman, by email*

# CORRECTION

In AJ 17.11.05, muf architecture art was referred to as Modern Urban Fabric. The practice has asked us to point out that it does not operate under this name.

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

To readers of the Architects' Journal

**The COOPERATIVE BANK**  
Customer led, ethically guided

**Now** I've got the cash  
to make it happen  
with a loan  
at just **7.2%APR (TYPICAL)**

- Borrow £2,000 to £25,000
- Spend it on anything you want
- Get an instant decision and get your cash fast
- Make payments by standing order
- Get your money paid direct to your bank
- Take out our optional Payment Protection Plan\*

Phone  
**0800 591 682**  
(Quote ref: 791/2075)

Lines open Mon to Fri 8am – 9pm, Sat 8am – 8pm and Sun 9am – 6pm.

Applicants must be UK resident and aged between 21 and 69 years of age.

\* Policy terms and conditions apply.

Credit facilities are provided by The Co-operative Bank p.l.c. (Registered No. 990937) of P.O. Box 101, 1 Balloon Street, Manchester M60 4EP and are subject to status. The Bank reserves the right to decline any application or offer a loan at a rate that differs from those advertised. Interest rates are correct as at 11/05. Calls may be monitored or recorded for security and training purposes.

The Co-operative Bank is authorised and regulated by the Financial Services Authority (No. 121885), subscribes to the Banking Code, is a member of the Financial Ombudsman Service and is licensed by the Office of Fair Trading (No. 006110).

current  
accounts

savings and  
investments

credit cards

mortgages

loans

insurance

business  
banking

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



# ADDLED?



Don't be!

**Kingspan**  
**Kooltherm®**  
makes life  
simple!

Are you confused about how you are going to comply with the new Building Regulations: Approved Documents L1A, L1B, L2A and L2B – are you in a muddle with SAP and SBEM – don't be, **Kingspan Insulation can provide the solution to this mind numbing puzzle.**

The **Kooltherm®** K-range of rigid phenolic insulation products can provide you with the thinnest overall constructions for any given U-value when compared with other common insulation materials. This will allow you to comply with the demands of the new Approved Documents without radical changes to the way in which you build.

Wall U-values of  $0.27 \text{ W/m}^2\cdot\text{K}$  hold no fear for **Kooltherm®** K8 Cavity Board, K5 External Wall Board, K12 Framing Board, K15 Rainscreen Board or K17 Insulated Dry-lining Board. Likewise, **Kooltherm®** K7 Pitched Roof Board and K18 Insulated Dry-lining Board can solve pitched roof U-values of  $0.16 \text{ W/m}^2\cdot\text{K}$  and below with ease. As for floors, U-values of  $0.22 \text{ W/m}^2\cdot\text{K}$  are a piece of cake for **Kooltherm®** K3 Floorboard.

**So bring on the K-team and let it take the heat off and keep the heat in!**

ENQUIRY 22 ON CARD  
[WWW.AJPLUS.CO.UK/AJDIRECT](http://WWW.AJPLUS.CO.UK/AJDIRECT)

Further information on the **Kingspan Kooltherm®** K-range of rigid phenolic insulation products for roofs, walls and floors is available on:

**Telephone: 0870 733 8333 (UK)**

e-mail: [literature.uk@insulation.kingspan.com](mailto:literature.uk@insulation.kingspan.com)

**Telephone: 042 97 95038 (Ireland)**

e-mail: [literature.ie@insulation.kingspan.com](mailto:literature.ie@insulation.kingspan.com)

[www.insulation.kingspan.com](http://www.insulation.kingspan.com)

© Kingspan, Kooltherm and the Lion Device are  
Registered Trademarks of the Kingspan Group plc.



**Kingspan Insulation Ltd**

Pembridge, Leominster, Herefordshire HR6 9LA, UK  
Castleblayney, County Monaghan, Ireland



# WHY Westok

## FOR CURVED BEAMS?



Project British Car Auctions, Bedford



Project Holmes Place Fitness Club, Merton

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



Project Newton Hill School, Wakefield

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



Project Liverpool Football Club Academy



Westok Limited, Horbury Junction Industrial Estate, Horbury Junction, Wakefield, West Yorkshire WF4 5ER

Tel: 01924 264121 Fax: 01924 280030 Email: [info@westok.co.uk](mailto:info@westok.co.uk)

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

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



# **MBLC/ THE LOCK**





## IF THIS BUILDING IS A LIFE ACCESSORY, THEN MAYBE IT FITS THE BILL VERY WELL. IT IS CERTAINLY MORE ZIGGY STARDUST THAN TOVE JANSSON

By Clare Wright. Photography by Ioana Marinescu

*MBLC is an established Manchester-based firm of architects and urban designers. Key projects include the Zion Arts Centre in Hulme; a headquarters building for Siemens; the Millennium Powerhouse multi-functional community centre in Moss Side; and the Royal Northern College of Music. The Lock is one of numerous housing projects that range from social housing through to luxury homes.*

This building reflects many current trends and preoccupations and, precisely for that reason, raised more questions than answers in my mind about what living in our cities means and should mean. This building is for a certain type of living, represented by form rather than function, image rather than substance and glamour rather than instincts.

Set in the centre of Manchester amid a gritty buzz of development, it forms a wedge-shaped residential block fronting Whitworth Street and backing onto the Rochdale Canal. The site is densely packed, with 155 apartments on nine floors, above two floors of car parking and retail units. There are a variety of unit sizes, mostly small but with glamorous duplexes on the top. While more conventional neighbouring developments seem to comprise a single depth of dwelling looking onto the street to the front and the canal to the rear, this accommodation is arranged in two strips, facing across an atrium which is packed with architectural drama.

Like most English cities, Manchester does not have a tradition of inner-city apartment living. In this development, I was struck by an analogy with European cities – say Paris or

Barcelona – with dense planning around a lightwell on the inside of the building. But the well here is not actually like the European ones that have their backyards and private spaces in which you glimpse drying, washing and slivers of other people's lives. Here it is the heart of the building and the primary circulation and, with access walkways running centrally down the atrium on each floor, it is very much the public domain. If, at some level, most of us need a degree of communal and separate living with delineated defensible space, does this new model meet these primitive and fundamental requirements? Few of the flats are occupied yet, so it has not been put to the test.

The flats are arranged with living rooms looking out onto the street and the canal, and bedrooms facing the atrium. In some of the latter, windows are of obscured glass blocks with small inset opening lights. These have a strange, ghostly, underwater feel, which might be attractive with a hangover and are preferable to others, that have full-height windows, some of which are two metres from the main circulation route and some of which abut it and the entranceways to dwellings. I was reminded of a student trip to Barcelona, when, chatting to my partner from the en suite bathroom, I found to my embarrassment that a friend could hear us all too clearly. Inhabitants will learn about this and presumably make adjustments for this intensity of habitation. Does this matter?

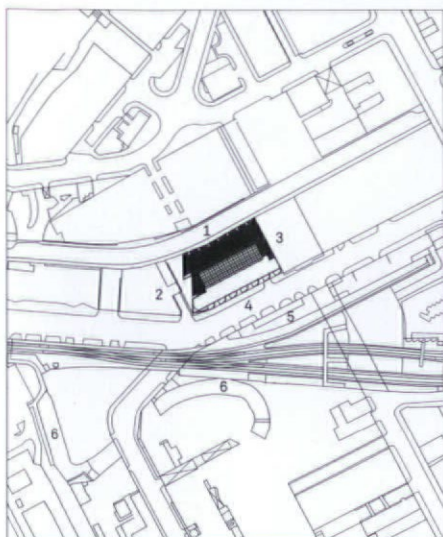
On one side of the atrium, the wall slopes from floor to ceiling, as do others in other parts of the building. This creates spatial drama and dynamics. On the other side of that wall are





1. The canal elevation: the terracotta cladding is topped by two zinc-clad upper floors





2.



#### KEY

- 1 ROCHDALE CANAL
- 2 BARCLAY HOUSE
- 3 THE RITZ
- 4 WHITWORTH STREET WEST
- 5 OXFORD ROAD STATION
- 6 RIVER MEDLOCK



3.



4.

the bedrooms which are barely large enough to hold the necessary furniture. Presumably triangles of empty space will sit behind wardrobes and chests of drawers. Is this balance of form and function valid? Overall, does this building reflect the unacceptable face of developers' greed and a lack of understanding of fundamental human requirements, or is it a novel and imaginative response to market demands for struggling urbanites, who mostly live at work and want a crash pad with suite attached?

If this building is a life accessory, maybe it fits the bill very well. It is certainly more Ziggy Stardust than Tove Jansson. The atrium has a 50mm-deep, 2m-wide strip of water running the length of the ground floor, reflecting low-level red fluorescent strips opposite piles of white stones, in which mounds covered in crumpled tinfoil (temporarily for a film set) were set, soon to be replaced with sedum. One is minded of an unearthly life – stone, water and vegetation, lit with coloured fluorescents in purple, pink and green. It is strangely, but not unpleasantly, calm, artificial and quite un-natural, although this alters a bit on the upper floors.

The cross walls of the flats are loadbearing, hence the ease with which partitions can be arranged non-orthogonally for the tapered section and other areas. The lightwell is spanned at roof level by curved steel beams, which carry a glazed canopy and from which the walkways are hung by means of delicate 40mm-diameter rods. This is the only part of the building of which Ruskin would have approved – but then this is now and that was then. The atrium is not sealed at the top and the end wall above the

entrance is open to the air, enclosed by utilitarian galvanised-steel panels holding an industrial steel mesh through which, on the upper floors, a hazy view of the city may be seen. At these upper levels, there is a pleasant sensation of contrast when stepping out of the lift, from the closed artificial interior to contact with the elements – at this time of year feeling a cold breeze and sunlight.

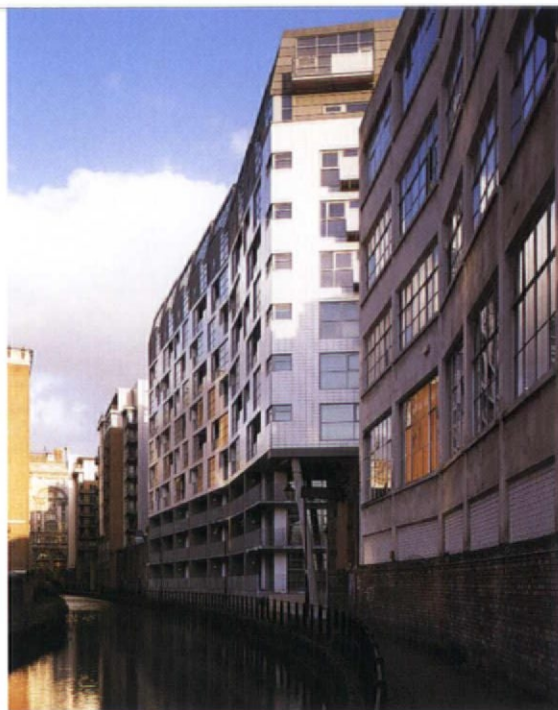
Generally, however, there is dislocation between inside and outside. The interior has a set-like quality. Walls are white-painted plasterboard; balustrades are flat grey or milky glass; lighting is concealed fluorescents or downlighters; floors are laminated-timber boarding and most balconies are only large enough for two. Perhaps this truly reflects current aspirations for internal comfort.

In contrast to the starkness of the interior, a wide array of materials, forms and colours are liberally expressed on the outside of the building, much of which is undoubtedly photogenic and, incidentally, different on each elevation.

The building has a tripartite order. Onto the canal, the lowest four floors of apartments are set back 1,200mm or so for privacy from the slightly lower but abutting towpath and the gridded steel panels are used as balustrades again. Windows to the middle range of flats are grey, powder-coated, steel-framed, punched holes, mostly full height, in terracotta cladding. The top two floors are zinc clad, with grids of fenestration. This building jostles with strident big-gun neighbours along the canal.

The entrance is on the gable, defined by sloping concrete columns and a cantilever. The base to the entrance ramp and a





5.



6.

freestanding portico at the top of the stair are faced with stone cladding. The entrance is further accentuated by a bright yellow panel at the top of the steel-gridded balustrade of steps and ramp. The building steps out to a point as it turns the corner, in a monolithic slab of white render, which is then curved back to the terracotta cladding on the facade of the main thoroughfare.

On this facade, the as-yet empty retail units form the base, with a regular distribution of hole-in-wall windows above, with vivid orange glazed panels to balconies and the top two floors set back. The architect chose the white terracotta and orange of the balconies to reflect Mancunian building traditions. The orange glass represents brickwork and the tiles reflect the local building practice, well represented by the two-storey, early 20th-century Ritz building nestling next door. This is faced in faience, in broken bond, finely detailed around windows with implied lintels. This elevation lies to the uninformed eye about how it is built. Its new neighbour reflects current construction practice. The different elements, produced by different subcontractors, separated for manufacture as packages, can be clearly seen. The terracotta is hung in a straight bond, which says 'this is not loadbearing masonry, it is cladding'. It tells an aspect of the truth.

Reflecting on this and the parts of the building I liked best – the expressed roof structure, with natural light and the steel mesh and balustrading with clearly visible fixings – I wondered what makes some reality false and some falseness true. Because perhaps sometimes it is better if your eyes deceive you.

2. Site plan

3. The entrance is defined by sloping

concrete columns and a cantilever

4. Living rooms look out onto the

street and canal

5. The Lock competes with the big-gun

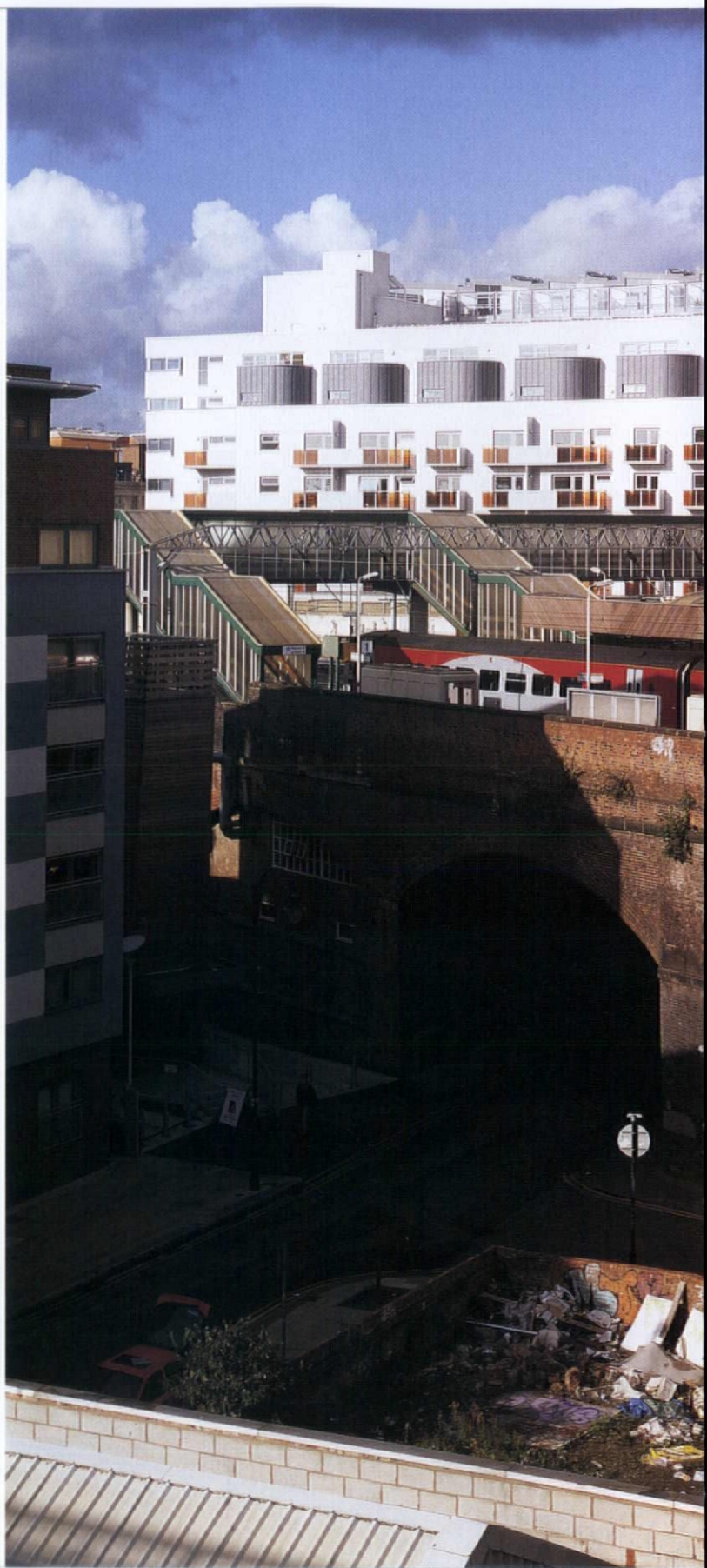
buildings along the canal

6. The street elevation, with the

early-20th-century Ritz building

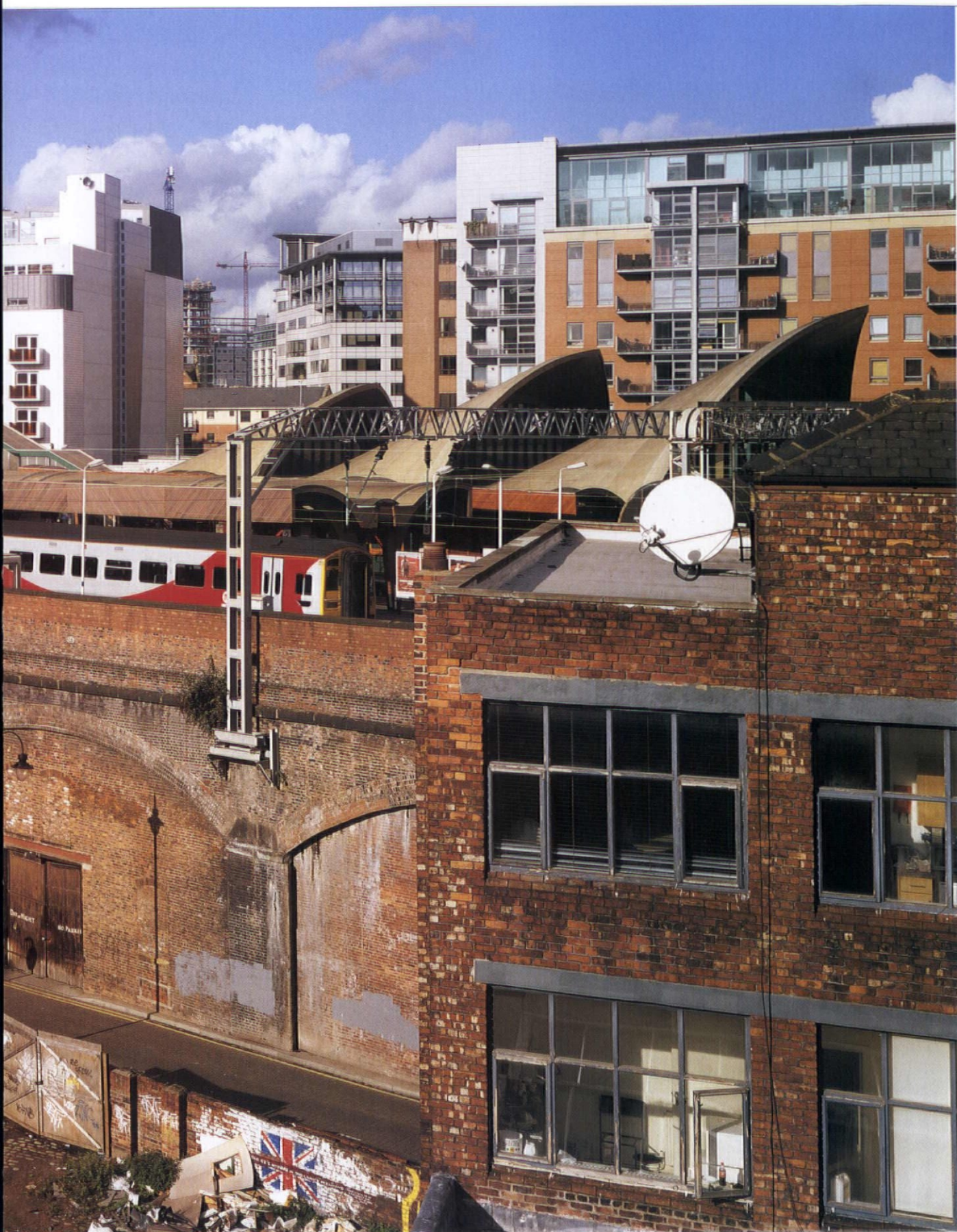
nestling next door





7. The Lock is set in the middle of central Manchester, amid a gritty buzz of development







## STRUCTURE

Groups of 600mm-diameter bored cast-in situ concrete piles into rock sockets sustain the building loads and provide the solution to the difficult conditions on this former hydraulic power station site, with certain piles placed to avoid obstructions in the ground. A hard/soft secant-piled retaining wall, along the canal, provides a practical solution to the elevated position of the canal and deals with leakage experienced during construction. The two parallel blocks of accommodation consist of cellular in situ reinforced concrete about the central atrium. A system of full-storey-height-deep beams form the party walls at 6.5m centres, dictating the structural grid and demarcating apartments. The floor plates consist of 225mm-deep one-way spanning slabs and form linked diaphragms, transmitting the lateral loads to the in situ lift cores at either end. Vertical loads within the loadbearing walls arch onto double-storey-height columns, enabling efficient car parking within the basement and ground-floor storeys. Access to the apartments is by way of suspended precast concrete walkways. The systems of tension-rod assemblies and socket connections are hung from plated feature beams, exposed to such an extent that they make a major contribution to the visual aspect of the atrium. A detail at the interface between the frame and the walkway facilitates lateral movements and allowed for construction tolerances. A key feature in this space is the series of fabricated roof beams spanning 10m across the atrium between adjacent blocks, with welded teardrop plates for the walkway hanging systems' pin connection, and providing primary support for the atrium glazing. The facades give a strong frontage, with cantilevered galvanised steelwork balconies fixed to the main structure through cast-in fixings. The main gable has 11m-high inclined cast-in situ concrete columns supporting an end bay of eight storeys.

*Paul McKay and Sandy Porter,  
Woolgar Hunter*



8.

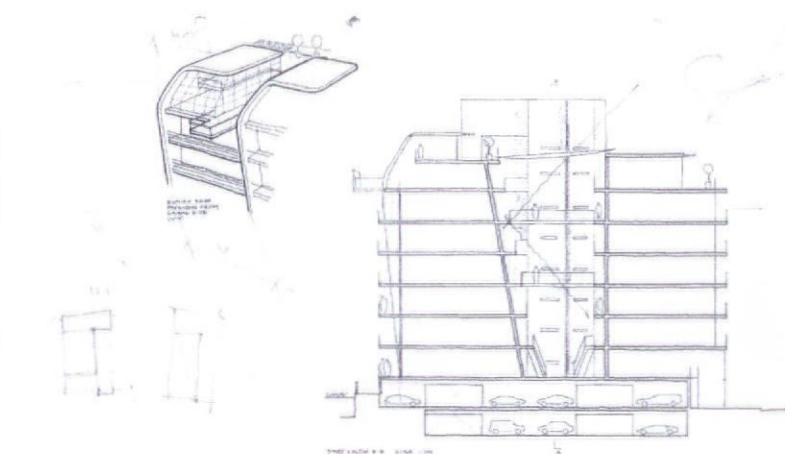


9.

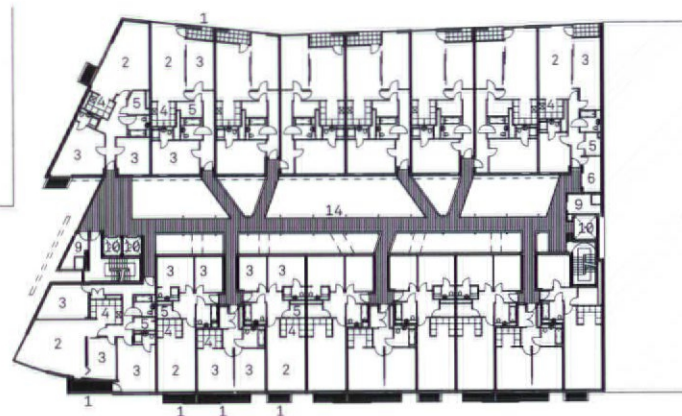
8. Exposed roof structure and suspended walkways; the only part of the building of which Ruskin would have approved?

9. The atrium is the heart of the building and main circulation space

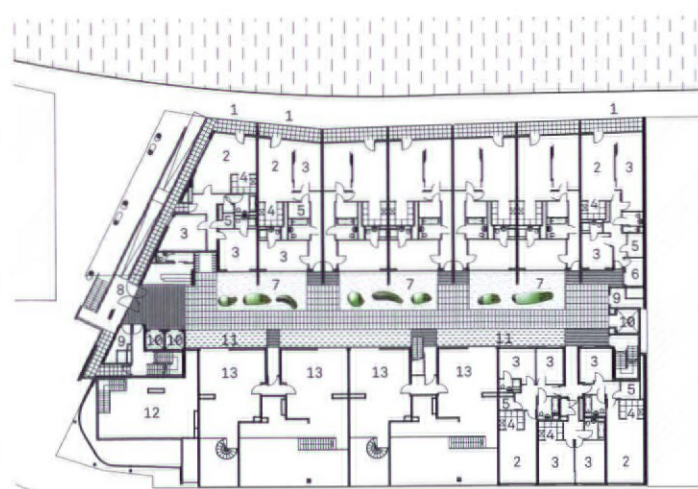




Sketch



Fifth-floor plan



First-floor plan



- KEY
- 1 BALCONY
  - 2 LIVING/DINING
  - 3 BEDROOM
  - 4 KITCHEN
  - 5 UTILITY
  - 6 STUDY/BED
  - 7 LANDSCAPING
  - 8 MAIN ENTRANCE
  - 9 REFUSE
  - 10 LIFT
  - 11 WATER FEATURE
  - 12 CAFE
  - 13 LIVE/WORK UNIT
  - 14 WALKWAY LINK BRIDGES

## Credits

### Architect

MBLC: George Mills, Mike Hitchmough, Steve Bradshaw, Ian Hicklin, Bryn Mainwaring, Mark Serventi, Oliver Schultz, Mandy Tsang, Debbie Harrington, Galli Wu, Tom Sheehan

### Structural engineer

Woolgar Hunter

### M&E consultant

Buro Happold

### Fire engineering

Buro Happold

### Quantity surveyor

Thomas and Adamson

### Landscape architect

Landscape Projects

### Acoustic consultant

BDP Acoustics

### Main contractor

Mowlem

### Subcontractors and suppliers

Joinery A & M Joinery; windows and curtain walling Anaco; steelwork Aspinalls; insulated render Astley; M&E installations Balfour Kilpatrick; fire-resisting glazing Baydale; zinc cladding and insulated cladding Carlton Building Services; underfloor heating Devi; glass blocks Luxcrete; dry lining Mansells; roofing Monorooft; lift installation Otis; rainscreen Richmond Cladding; stone cladding and paving Stone Central; roof membrane Alwitra ICB; plastenwork British Gypsum; cladding Creaton; insulation and cladding Kingspan; bricks Lancashire Brick and Tile; kitchens Moores Kitchens; roof vents Passivent; profiled roofing Plannja; joinery Powell Hardware; fireboards Promat; insulation Rockwool; carpets Tarket; render Weber SBD



## A GLAZED ATRIUM ROOF WITH SUSPENDED WALKWAYS

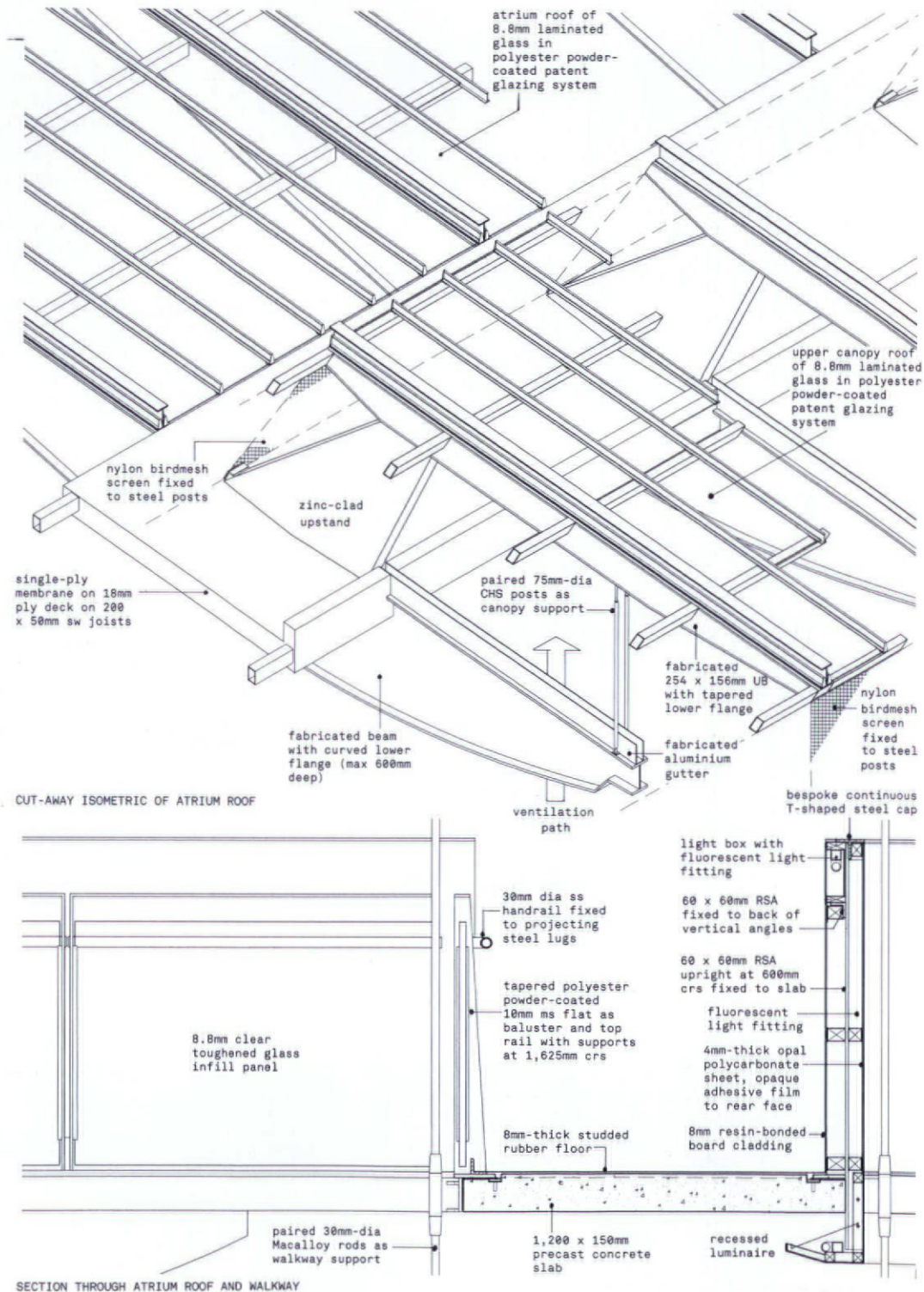
The building has 11 floors of apartments on each side of a central atrium. The construction is of cast-in situ concrete, with exterior walls clad with a rainscreen of white tiles and atrium walls clad with an insulated acrylic render system.

The atrium is naturally lit and ventilated. The glazed roof – 8.8mm laminated glass in a polyester powder-coated patent glazing system – is at two levels: the lower level rests on a series of fabricated beams with curved lower flanges that span between the atrium walls. The upper level rests on a series of fabricated 254 x 156mm UBs with tapered lower flanges, supported by zinc-clad upstands set on a strip of roof and paired 75mm-diameter CHS posts. The upper level shelters a continuous air space; it acts as a ventilation chimney for exhaust warm air from the atrium. It is screened by nylon birdmesh.

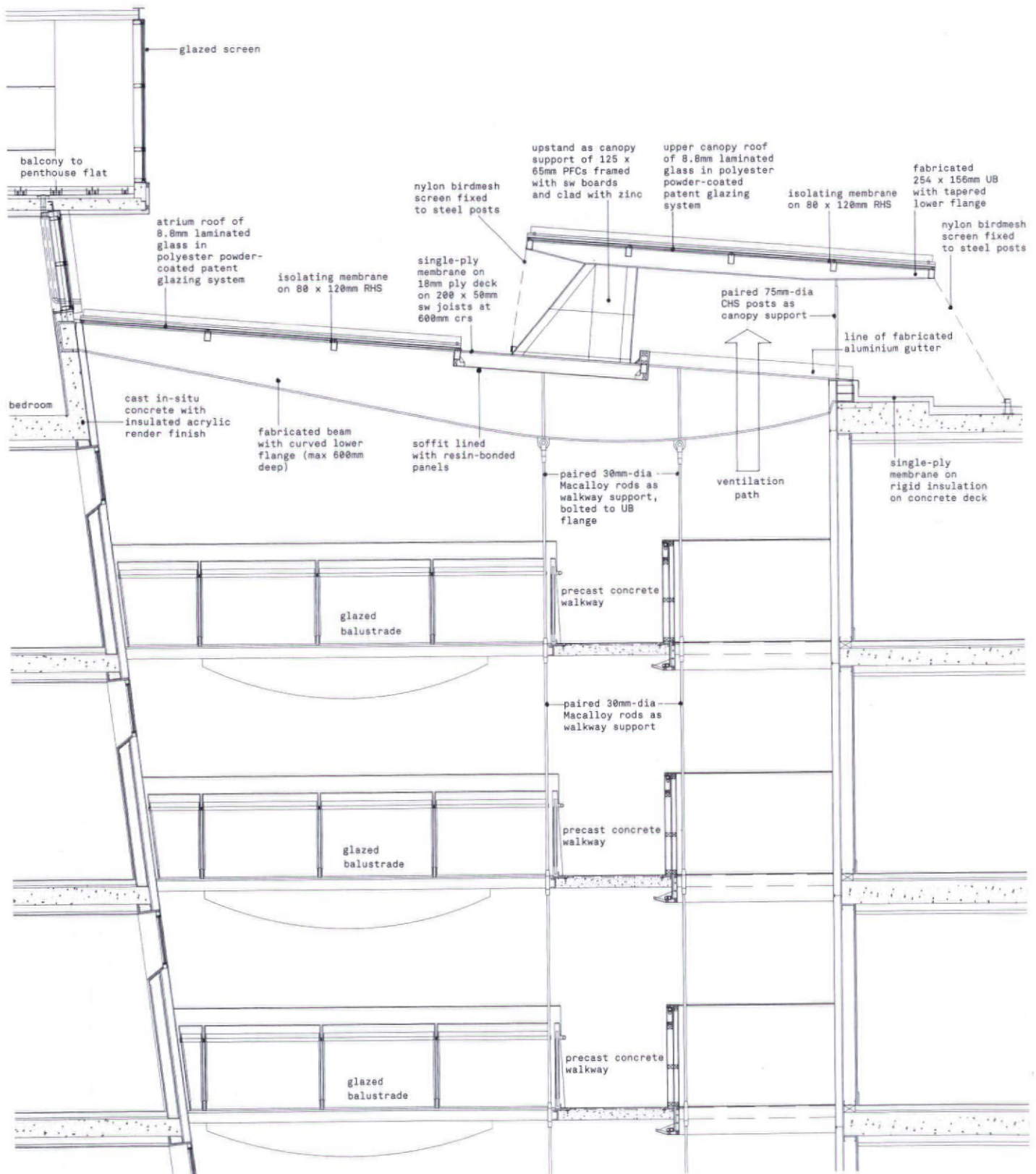
On each floor a suspended walkway runs the length of the atrium, with six short spur walkways leading off to give access to apartments. The walkway layout gives privacy to atrium-facing bedrooms.

The walkways have pre-cast concrete floors and are suspended from the fabricated beams by paired 30mm-diameter Macalloy rods. On one side is a solid balustrade with concealed lighting clad with opal polycarbonate; on the other side is a glazed balustrade supported by tapered steel flats.

*Susan Dawson*







PART ELEVATION AND DETAIL SECTION THROUGH WALKWAY



# *£20,000 treehouse. Unfortunate development*

When a branch smashed through a customer's state-of-the-art treehouse, our cover meant he was not left out on a limb.

You do not need an expensive tree house to benefit from Hiscox insurance. You will enjoy an extraordinary level of cover and a claims service to match. So should the unexpected happen, you can expect to have your claim settled quickly and fairly.

Hiscox are specialists in the home insurance needs of professional people such as architects, and through this insight we have fine-tuned our policies to meet them.

With us, the extraordinary is simply standard policy.

CALL OR BUY ONLINE

**0845 330 9505**

[www.hiscoxonline.com/architect](http://www.hiscoxonline.com/architect)

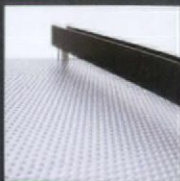
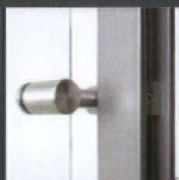
Please quote reference BC011

Monday to Friday, 8.30am to 8pm

  
**HISCOX**  
HOME INSURANCE  
extraordinary cover

Hiscox Insurance Company Limited is authorised and regulated by the Financial Services Authority. This service is for UK residents only.

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



CUBE®

Architectural Handrail and Balustrade  
Modular System Solutions

**Handrail Design Limited**

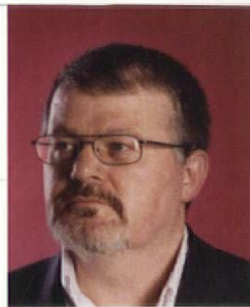
Tel: +44 (0)1634 817800 E-mail: [info@handraildesign.co.uk](mailto:info@handraildesign.co.uk)

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

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

**icon**





## HIDDEN IN CODE

By Austin Williams

'Look,' said the man from the ministry, 'we've announced that the document is going to come into force in April 2006, and that's what's going to happen.' He couldn't see what my problem was, so I felt obliged to spell it out. 'At the moment,' I said, 'you haven't completed the steering group stage, but let's assume that you go out to consultation by December, say, for three months. That takes us to the beginning of March 2006; so you have just one month to get it analysed, assessed, published and approved for April 2006?'

'Exactly,' said the *apparatchik*. 'I have every faith that is what is going to happen.' Sometimes I despair. This feeling was not helped by the fact that he couldn't tell me what's in the document as 'that's confidential at present'.

Our chat was about the Code for Sustainable Building, a voluntary scheme being developed by the government in order to promote more

sustainable building practices. It is being drawn up by a range of industry players, from the CEO of Barratt Homes to the director of Stanhope and the CEO of the Thames Housing Association. Some people have suggested that the involvement of big developers will act as a break to 'innovative' sustainable practices but, given the fact that other steering group members include Robert Napier, CEO of WWF UK, and Walter Menzies of the Sustainable Development Commission, there are sufficient sustainability fundamentalists to keep even the most hardened eco-fanatics happy.

So what is the Code for Sustainable Building? Well, no-one knows for sure, but it will be mandatory for new residential developments receiving government funding. It will go beyond the Building Regulations' 'conservation of fuel and power' and cover the conservation of water, minerals, material resources and 'much higher sustainability standards'.

This all ties in with the Energy Performance in Buildings Directive (EPBD), which also comes into force in April 2006, that stipulates that when existing buildings over 1,000m<sup>2</sup> undergo 'major renovation' their energy efficiency should be upgraded 'in so far as is feasible'.

The EPBD spells out major renovation as 'where the total cost of the renovation related to the building shell and/or energy installation such as heating, hot-water supply, air conditioning, ventilation and lighting is higher than 25 per cent of the value of the building, excluding the value of the land on which the building is situated, or those where more than 25 per cent of the building shell undergoes renovation.'

As outlined in the AJ (04.11.04), the Secure and Sustainable Buildings Act has the power to amend Building Regulations and, for example, provides the secretary of state with powers to make Building

Regulations that make provision in respect of 'recycling facilities (including facilities for composting)', regardless of whether they are stipulated in the Approved Documents. With this level of authority, and with a vague performance-specification brief at their disposal, architects should be wary of sustainability consultants offering to clarify matters for them. This is a recipe for an extension of environmental criteria for design that goes way beyond Part L. Eco-gurus bearing gifts of 'sustainability compliance' will have a field day.

At the moment, it is intended that the code replace BREEAM and Eco Homes but there are suggestions that there be a SAP equivalent for water consumption and that there be a minimum percentage of virgin and reclaimed timber. Unsurprisingly, it is the unelected, supremely biased WWF that will undoubtedly dominate the agenda.





# Work the way you think.

## Idea:

Improve an architect's business by providing a more complete way of thinking about buildings, from design through construction.

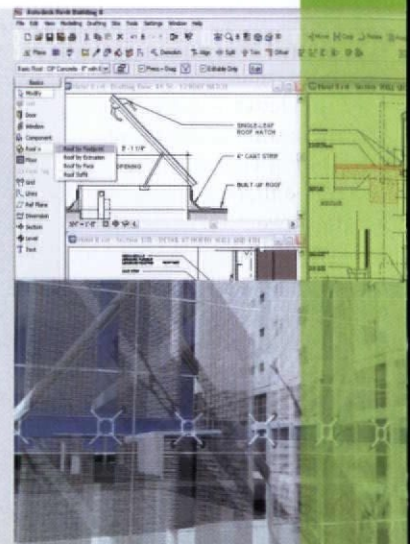
## Realised:

With Autodesk's® Revit® Building, design teams achieve superior documentation, more effective design co-ordination and more productive collaboration. Your clients are happier, so you see more repeat business and a more profitable business. Because it's created specifically for Building Information Modelling, designing with Revit Building can help you realise your ideas to compete and win.

See how at [autodesk.co.uk/revit](http://autodesk.co.uk/revit)

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

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



Autodesk



## STAFF CAN STILL BE SUBJECTED TO OVER 20 HOURS AT OVER 28°C

*By Austin Williams*

The new Approved Document Part L2A:2006 (ADL2A) covers new buildings other than dwellings. If you are constructing a building comprising many dwellings, Part L1A applies but L2A will apply to the heated communal areas or shops under dwellings. Residential homes however, do not qualify as 'domestic', hence L2 will apply.

The five central criteria for ADL2A compliance are:

- The CO<sub>2</sub> emissions from the as-built building must be less than the Target Emission Rate (TER). The ODPM creates a needless complication in describing this lesser figure in Approved Document Part L1 as the DER (Domestic Emission Rate), meaning L2 has to be known as the BER (Building Emission Rate). It follows a similar calculation path to L1 (see AJ 27.10.05), based on:

$TER = C_{notional} \times (1 - \text{improvement factor}) \times (1 - LZC_{benchmark})$

where LZC means a low- and zero-carbon emission energy source which is read off from Table 1; the improvement factor is similarly read off and relates to the required energy efficiency in buildings of a given type. Note that there is an extraneous and wilfully confusing letter 'l' in the calculation on page 4. This is an error.

- U-value standards, air-permeability rates, controlled services etc have been given substantial limiting – or minimum – values that need to be met. U-values remain and are spelled out for area-weighted averages as well as for an individual element. For curtain walling, for example, it recommends the limiting U-value be applied to glazed areas and opaque panels separately. For CO<sub>2</sub> emissions, if you can make the case that the design will have high internal gains, then U-value limiting figures can be relaxed.

As well as meeting the criteria laid out in 21 clauses in L2A, you must also meet the design limits set out in L1 (here described confusingly as L1(a)(i) and L1 (b)).

These design-limit conditions are:

- Minimising solar gain while making sure to limit the amount of compensating electric lighting. For all the talk of improving conditions, it is still deemed acceptable to subject staff to over 20 hours at over 28°C. Even though this is per annum, in this country theoretically this could occur in one week. The impact of CO<sub>2</sub> emissions from air conditioning is factored into the equations and is intended to be a strong incentive towards natural ventilation. The fact that air conditioning was invented to keep people cool is lost somewhat in this approach.
- The emissions rates of the built structures must meet, or exceed, the pre-built calculation assumptions. These results must be verifiable. Be aware that even though Part L2 cites various documents, it often increases (improves) the criteria beyond those permitted in those documents. Ductwork leakage testing is a case in point (page 14).
- A logbook, including operational data and maintenance instructions, must be handed over. Usefully, it suggests that an electronic copy would aid the updating of this information due to any subsequent alterations improving the condition of the building.



# HERITAGE®

*traditional period colours in a modern paint*

Nostalgia in 120  
superb colours.

**Heritage®** from **Dulux Trade** offers 120 accurate period shades, ensuring a superb look, whatever a property's era. All colours are available in a wide range of interior and exterior finishes with the industry-leading technical performance you expect. To obtain a copy of the specifier prospectus and colour literature call 0870 242 1100.

For further information visit  
[www.heritagepaints.co.uk](http://www.heritagepaints.co.uk)

The ICI roundel, Dulux Trade and Heritage are trademarks of ICI. © ICI 2003.



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



## It's a whole new world

With hundreds of flooring options you'll soon see exactly what we mean. Whatever you may need, irrespective of the project or the space, we can satisfy your most demanding brief:

- Hundreds of colour, pattern and texture choices
- Highly durable and easy to maintain
- Carpet, carpet tile, vinyl and linoleum
- Dedicated expert advice for healthcare, education, office and retail markets

So with this huge range of flooring available the world is literally at your feet. **Tel: 01235 554848**

[www.armstrong-europe.com](http://www.armstrong-europe.com)

[ Between us, ideas become reality.™ ]

COMMERCIAL **FLOORING**



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



## ALL THE THEORY IN THE WORLD IS OF NO USE IF YOU CAN'T GET THE COLOURS YOU WANT

*By Ruth Slavid*

A local authority architect wants to paint classrooms in a bright red to stimulate pupils but the client is worried this could lead to unruly behaviour. It may sound like a theoretical problem, but it was a real issue raised by an audience member at the AJ's recent conference on Colour in Design. As an indicator of how seriously these issues are now considered, the question could not have been asked in a better place. Angela Wright, director of Colour Effects, responded that red would be more suitable for a gymnasium, since it stimulates physical energy. Blue is an intellectual stimulant and yellow an emotional stimulant. Using strong colours will inject energy, whereas lighter tones are likely to soothe.

In her presentation, Wright, who has worked hard to establish a scientific basis for theories of colour, exploded some myths. It is not true, she said, that response to colour is determined by culture, age and gender – this applies only to our conditioned, conscious response. And there are no universally attractive colours, she said – just universally attractive combinations.

For architects trying to work imaginatively with colour, however, all the theory in the world is of no use if they can't actually get hold of the colours that they want.

Tim Makower, project director for Allies & Morrison on its Bankside 123 project, discussed the use of coloured external fins in the design. These coloured metal panels form a counterpoint to the smooth terracotta cladding. Originally, the architect was thinking of a purplish two-tone colour for the fins but then it hit reality and discovered that its only choice of colours was green or blue.

It settled on blue and is confident the effect will be interesting. But Makower is disappointed the selection is so limited. 'Construction of buildings is still a cottage industry – there is almost no choice,' he said. 'If I can have it on a car, why can't I have it on a building?'

With interiors there is no such restriction, since paint can of course come in any colour you can think of, plus some that you can't. Nevertheless, it can be used in very depressing ways. Hilary Dalke, director of CROMO and the Colour Design Research Centre at Kingston University, has been looking at the application of colour research to healthcare environments. She stressed the importance of this, since many long-term residents experience only three environments – their bedroom, a day room and the linking space. Choice of colours for these can therefore be key.

Curiously, Dalke found that when residents are asked to select their own colours their selections are decidedly anaemic. There are distinct differences between men and women, with men preferring green and women liking red/blue – not good news for elderly men in homes, who are always outnumbered by women. Oddly, respondents claimed to hate a home that had bright colours in the corridor, although the people there were far more alert than in other establishments – proof, perhaps, that our responses to colour really are instinctive and not willed.

*Sponsored by:*



**Dulux**  
TRADE



**Armstrong**





## NEVER MIND THE B\*\*\*\*\*S

Some of my AJ colleagues were a bit negative about the anonymous architectural blog at <http://b2architecture.blogspot.com>

Call me irresponsible but I quite liked the flavour of B\*\*\*\*\*s to Architecture, which bills itself as 'irreverent opinion on (mainly UK) architecture and architects.' I'm not sure why it needs the asterisks. This is anonymous, irreverent and also the Web – most of us would be comfortable with the word spelled out. Whatever, this is a blog, one architect's occasionally rough-hewn, occasionally insightful view of his/her professional world. Its mild truculence is surely a reaction to the reality that running a site on your own is a time-consuming, thankless and lonely business. We journalists have a whole battery of editors, sub-editors, knowledgeable colleagues and layout people who protect you from us. But the blogger, especially the anonymous blogger, has no one. Think of this site as a web version of the sort of insider conversations you hear after work in 100 architectural pubs around the country. It seems to have been going since August, although I fear the lures of the opposite sex, drink and other less licit pleasures may prove more attractive in the months to come.

[sutherland.lyall@btinternet.com](mailto:sutherland.lyall@btinternet.com)

# LETTER OF INTENT

An oral contract, so the saying goes, is not worth the paper it is written on. While this may not be entirely true, it is certainly the case that failing to take the trouble to record your agreement in writing does make it difficult to prove what has been agreed, if there is some doubt about it later, writes *Kim Franklin*. And there usually is.

Most people fail to write down the terms of their agreement because they are not entirely clear about them at the time. The problems involved in reducing an agreement to writing are particularly exaggerated in multi-faceted construction contracts with extensive, sometimes burdensome, documentation. Besides which, hope springs eternal, triumphing, as always, over experience.

Who wants to get bogged down in the paperwork when there is a project to be built? A common solution to the 'enthusiasm versus caution' problem is the Letter of Intent. This is a half-way-house, designed to confirm the parties' intention to enter into a formal contract, when they can get round to it.

What happens when work starts but the contract is not executed is a familiar theme to those of us brought in to sort out the ensuing muddle. The recent case of *Hackwood v Areen Design Services (ADS)* demonstrates the point.

Hackwood wanted to carry out extensive renovation works to Hackwood House, a Grade II-listed property near Basingstoke in Hampshire. It engaged contractor ADS on the understanding that it would enter into the JCT Standard Form With Contractors' Design. Rather than delay the project, which had already been held back by the foot-and-mouth epidemic, it agreed a letter of intent.

ADS carried out work to the value of £13.2 million over the next 65 weeks but the JCT contract was never executed. After practical completion, ADS took a claim for an extension of time and variations totalling £4 million to adjudication. Hackwood, which agreed that the JCT contract had been incorporated, successfully resisted the claim. Undeterred, ADS referred its claim to arbitration. Hackwood then changed tack and denied that the JCT terms had been incorporated. Without the JCT terms, it argued, there could be no arbitration agreement, and therefore no arbitration.

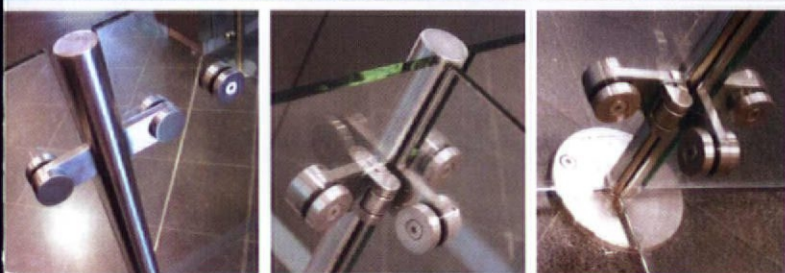
Hackwood asked the Technology and Construction Court to find that the arbitration was a nullity. The case was heard by Mr Justice Field, one of the five High Court Judges recently allocated by Mr Justice Rupert Jackson (dubbed 'the Jackson Five') to try TCC cases. The judge found

that the letter of intent, considered as a whole, did incorporate the JCT contract and, with it, the arbitration clause. While he acknowledged that the various options in the uncompleted appendix had been left open, this did not make the contract unusable or uncertain and the arbitration was allowed to proceed.

Needless to say, had the parties executed the contract as intended, they would have been spared this unnecessary trip to court. What's more, had they gone to arbitration in the first place, ADS would have saved itself the costs of the adjudication.

*Kim Franklin is a barrister and chartered arbitrator at Crown Office Chambers in London. Visit [www.crownofficechambers.com](http://www.crownofficechambers.com)*





## MAST screens

With materials & dimensions to specification, this modular system can be configured to suit individual planning requirements - call for details

### SHOPKIT DESIGNS LIMITED

Tel: +44 (0)1923 818282 Fax: +44 (0)1923 818280

Email: [sales@shopkit.com](mailto:sales@shopkit.com) [www.shopkit.com](http://www.shopkit.com)

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



VIEU®

Architectural Handrail and Balustrade  
Modular System Solutions

### Handrail Design Limited

Tel: +44 (0)1634 817800 E-mail: [info@handraildesign.co.uk](mailto:info@handraildesign.co.uk)

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

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

icon®



## REVIEW

## BOOK

By Alan Powers

Modern House Three

By Raul Barreneche.

Phaidon, 2005. £39.95



1.



2.

1. John Hejduk's Wall House
2. Sarah Wigglesworth's Straw Bale House

'This book concerns the individual villa type of house,' wrote FRS Yorke at the beginning of *The Modern House* (1934). His prediction that 'for some time to come the majority of people will continue to want to live in detached or semi-detached houses' has remained true, and *Modern House Three* is concerned with the same type of house that Yorke illustrated over 70 years ago.

The similarities don't end there. Not only do people like, in their dreams at least, to inhabit such houses, but architects like to design them and a certain kind of public likes to look at glossy pictures of them without an overload of information.

Assuming that such aspects of a project as difficult clients, cost, over-runs and planning battles – not to mention the

client's taste in furniture and decoration – can't be mentioned, there's not much left to say. Yorke believed he was writing primarily for other architects and included basic technical information, costs, plans and a few construction details. Barreneche provides one drawing (sometimes a plan, sometimes a section) per project, which is useful, although the pictures are what matters. These are, of course, glamorous, with only two ghostly human presences featured.

The narrative on each project tells us something about the client's lifestyle and the architect's CV, before taking a walk around. Examples are grouped in three sections, although most could qualify for another one. The geographical spread is worldwide, with several of the most interesting

houses coming from China – such as Father's House on Jade Mountain by MADA, with its walls of local pebbles and window shutters of woven bamboo – but there is nothing as yet from former Communist Eastern Europe.

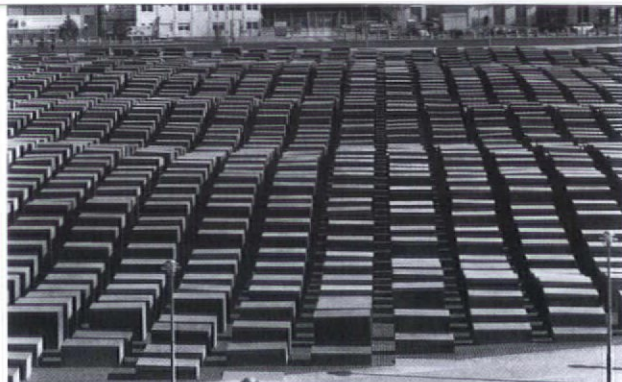
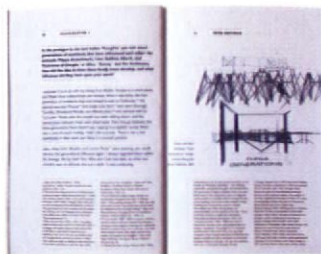
There are two Brits: Sarah Wigglesworth's Straw Bale House; and David Adjaye's Dirty House. Since there is less opportunity in this country to build spectacular modern beach or mountain holiday homes, we have little to offer in the category that fills about half of the book. Even before the Modern Movement, this type of house was the perfect site for experiment, where the daily constraints of living don't apply.

The myth that books like this foster is that they depict the normality of the future. Some aspects of these houses might

be adopted as common practice but they are mostly unadventurous in respect of energy saving or plan form. The most ingenious device is the long glass table in the shared living space of 'C House and Y House', Tokyo, by Power Unit Studio. The floor level steps up twice beneath the table top, offering different sitting styles in an elegant visual conceit.

The appearance of Pierre Bourdieu in the bibliography indicates an authorial agenda so hidden as to be almost invisible, but it is clear that, above all, these houses confer status and that the book celebrates this fact. Among the status factors in Modern architecture has always been the apparent possession of private space, which allows the house to seem open to the world and confers a mystical





## BOOK

Peter Smithson:  
Conversations  
With Students  
Princeton Architectural  
Press, 2005. 100pp. £12.50

power on the dweller; transparency as an indicator of wealth – which in cash terms is more costly than ever in a crowded world.

Turning the pages of Barreneche's book, it would appear that the Modern house has scarcely evolved at all. There is little on show that, barring a few fashionable twists, had not already been imagined by the 1930s. Only a posthumous project by John Hejduk at Groningen, designed in 1973, reminds us of three decades of Post-Modernism, now airbrushed out of history as painlessly as the clutter and mess of everyday living. *Alan Powers is an architectural historian*

'Metal buildings demand a tremendous amount of resources and energy to make them; and although you get minimum weight with fabric, that minimum weight costs you a lot. That's why Buckminster Fuller was a banana.'

So says Peter Smithson in one of the 'conversations' with American students recorded in this book. Topics range from such Smithson staples as 'emptiness' and 'conglomerate order' to Mies, the Eames, Paul Rudolph and *Some Like It Hot*. Though Smithson's comments have the sense of being long-meditated, he resists playing the sage, at times opting even for self-deprecation – 'only one person in 25 million likes it', he says of his Building 6 East at Bath. This engaging little book has more substance than it might seem.

## CRITIC'S CHOICE

By Andrew Mead

'Perhaps in his pursuit of silence, as opposed to the polemics and pyrotechnics of his other buildings, Peter Eisenman has at last made a real contribution to the art of architecture,' wrote Peter Davey of the Holocaust Memorial Berlin in *The Architectural Review* (July 2005).

On a recent sunny Saturday it was a source of multiple and conflicting impressions. From some angles, with the autumn trees of the Tiergarten a colourful backdrop, the memorial seemed surprisingly benign: a reading reinforced by the fact that children find it a perfect place for hide-and-seek, so it becomes a giant playground. Another strong impression is that a Minimalist artist has really struck lucky with site and budget; its grid of 2,400 dark-grey concrete blocks could just be a huge sculptural installation. But you can't help thinking also of a cemetery: the blocks at the edge of the memorial look much like chest tombs and some are slightly angled, as if settling into the earth as old tombs do.

Then, as you walk towards the centre, the ground dips and undulates and the blocks rise in height, like an interrupted wall lowering over the narrow alleys. The concrete is both smooth and sharp: the surfaces inviting your touch, the edges ready to draw blood. Though the memorial is not a labyrinth (its many axes run uninterrupted), the Tiergarten foliage can seem far away.

This ambiguous monument, whose 'meaning' is only anchored (if then) by the exhibits in the information centre below, is now the subject of a beautifully produced book – *Holocaust Memorial Berlin* (Lars Muller, £27.50). The concrete blocks are tailor-made for Hélène Binet's black-and-white photography, while colour images, all inhabited, give a sense of the varied response to this resonant work.

An exhibition by Ori Gersht at London's Photographers' Gallery from 2 December explores similar terrain to Eisenman, in images made deep in a Ukrainian forest which saw horrors in the Second World War, but the accompanying show by David Spero is very different in tone, featuring 'low-environmental-impact settlements' throughout Britain ([www.photonet.org.uk](http://www.photonet.org.uk)).

For forthcoming events visit [www.ajplus.co.uk/diary](http://www.ajplus.co.uk/diary)



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

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

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



When you have finished with  
this magazine please recycle it

# **M & E Associate Partners**

We are a small, well-respected practice in SW London, having long-standing relationships with many award-winning architects. Providing innovative solutions for energy efficiency, imaginative lighting design and excellent client/architect service. These two new key positions are offered with excellent packages and the prospect of future full partnership. Please post or e-mail your CV to Mike Popper, Partner (mike@michaelpopper.com) Michael Popper Associates LLP Unit B, 75 South Western Road Twickenham, Middlesex TW1 1LG

www.michaelpopper.com

**Michael Popper**

## **•The NOBLE Consultancy•**

**We are seeking a talented, ambitious, housing layout designer to join our busy Bristol Architectural Consultancy.**

The successful candidate will extend their skills over many large prestigious projects around the UK with leading developers keen to encompass all the latest urban design thinking.

Please e-mail your C.V to Nick Noble at: [nobleconsultancy@btconnect.com](mailto:nobleconsultancy@btconnect.com)

## **Brock Carmichael Architects**

### **ARCHITECTS**

**great opportunities for career development  
exciting commissions**



We are a practice of architects, planners and landscape architects with an exciting portfolio of commissions including the new **Liverpool Institute for Performing Arts Centre** for Dance, new housing in Kendal, new Registry building for **Liverpool Hope University** and projects for **Grosvenor's** major commercial centre regeneration scheme in Liverpool creating mixed use developments in converted historic buildings and new build.

**ARCHITECTS:** 3-5 years post ARB registration experience who are quality designers, understand materials and construction, all forms of procurement, building contract, planning and building regulations.

Applicants should be fully conversant with AutoCad 2005

Write with CV and examples of work to:

Gordon Almond  
Brock Carmichael Architects  
19 Old Hall Street, Liverpool L3 9JQ

e-mail: [almond.g@brockcarmichael.co.uk](mailto:almond.g@brockcarmichael.co.uk)

## **JOBS ENQUIRIES**

Gemma Knight 020 7505 6737 [gemma.knight@emap.com](mailto:gemma.knight@emap.com)  
Laura Tilling 020 7505 6803 [laura.tilling@emap.com](mailto:laura.tilling@emap.com)  
[www.ajplus.co.uk/jobs](http://www.ajplus.co.uk/jobs)

Please contact Dave Smith to discuss these and many more exciting jobs on:  
Tel: 01700 812750  
Mobile: 07810 624036  
email: [dave.smith@dgservice.co.uk](mailto:dave.smith@dgservice.co.uk)



## **Lancashire and Cornwall Vacancies**

### **Architects and Technicians**

**Vac ref 0511-005**

**Permanent**

My client is a very well established general practice, currently experiencing a huge demand for their services within the Health-care sector. For this reason they are seeking both Architects and Technicians, with experience gained in any sector, for their operations in Manchester and Cornwall. In return for your skills they can offer attractive offices in which to work and a training and development programme that is second to none.

[www.aberdeencity.gov.uk/jobs](http://www.aberdeencity.gov.uk/jobs)



## **Architect (2 posts)**

**£18,381 - £31,860**

You'll be working on a full range of duties associated with Local Authority housing or non-housing projects and will possess a sound knowledge of all aspects of architectural design, Technology and Project Management with an extensive working knowledge of AutoCAD 2002 or latest update. Registration with the Architects Registration Board and qualification to RIBA Part III are essential. You'll carry out visits to new and existing construction sites with the responsibility for arranging and controlling site meetings and necessary site inspections. Creativity and imagination in architectural design plus the ability to develop this in others would be a distinct advantage. Self-motivation, initiative, team working and analytical thinking all go without saying, along with good organisational skills. The ability to work to tight deadlines and to deal effectively both with the public and Council Members is essential. You'll be IT literate and preferably hold a current UK driving licence. Previous applicants need not apply. A relocation package may be available.

**The Council is implementing a new pay and grading structure. This may have an effect on the salaries stated in this advert.**

**For an application pack call 01224 522105 (24 hrs) or apply online at [www.aberdeencity.gov.uk](http://www.aberdeencity.gov.uk) quoting reference number AK044/05.**

**Closing date: Monday 12 December 2005 (12 noon)**

*Committed to equal opportunities. Benefits include the opportunity to join the Local Government Pension Scheme.*



## **PULMANN ASSOCIATES LIMITED EXPERIENCED TECHNICIAN / TECHNOLOGIST**

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

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

Replies in confidence with CVs to:

**Mr Lew Wright**

**Pulmann Associates Limited, Architects**

Albert Buildings, 29A Stockport Road,

MARPLE, Stockport, Cheshire SK6 6BD

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



**R D RECRUITMENT (RUGBY) LTD**  
Trioka House, East Union Street, Rugby Works CV22 6AJ  
Tel: (01788) 572841 Fax: (01788) 578609  
E-mail: kim.shreeve@rdrecruitment.co.uk  
Web: www.rdrecruitment.co.uk



**RIBA Part 3 Project Architect**  
**Bedfordshire**  
**Ref: 0511-60**

**£Neg Permanent**

My client currently has a vacancy for an Associate Director for their Residential Department to replace an existing employee in this role who is due to retire early next year. My client is a busy and successful multi-disciplined consultancy based in the centre of Bedfordshire with expertise in Civil Engineering, Architecture, Development Consultancy, Town Planning and Land Surveying.

They are now seeking a recently Qualified Part 3 Project Architect. The successful applicant will be working within the Commercial Department so previous experience in this sector would be an advantage, as would an excellent design capability & technical knowledge.

**DONALD INSALL ASSOCIATES**

CHARTERED ARCHITECTS, HISTORIC BUILDING & PLANNING CONSULTANTS

*Our North West Branches have vacancies for work on a challenging range of interesting historic building projects and new buildings in sensitive areas*

**CHESTER:** An expanding workload gives rise to a position for an ARCHITECT with experience in writing Historic Building Reports and Conservation Plans

**CONWY:** To support our growing workload in Wales and to help establish our forthcoming new office, we are looking for a motivated ARCHITECT with historic buildings experience

**SHREWSBURY:** To assist with our busy workload throughout the West Midlands and the Marches, there are immediate vacancies for

an ARCHITECT with job running experience on listed buildings and a TECHNICIAN with ArchiCAD or AutoCAD skills and a proven record in the production of drawings and specifications

For more details of the work of the Practice, visit our website: [www.donaldinsallassociates.com](http://www.donaldinsallassociates.com)

Please apply with CV to: Beverley Hinks, Donald Insall Associates Ltd, Bridgegate House, 5 Bridge Place, Chester CH1 1SA

Tel: 01244 350063  
[beverley.hinks@insall-deva.co.uk](mailto:beverley.hinks@insall-deva.co.uk)

We are Equal Opportunity Employers

**CMC**  
ARCHITECTS

**SENIOR ARCHITECTURAL TECHNOLOGIST**

**To play significant roles in our exciting projects**

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

CAD experience is essential, Microstation V8 experience an advantage.

Post, Fax or Email your CV to the Directors:

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



**We are Expanding Again.....**

Harrogate, North Yorkshire

Due to the success of our diversification plans we have positions for Architects and Technicians to work on Exciting New Mixed Developments.

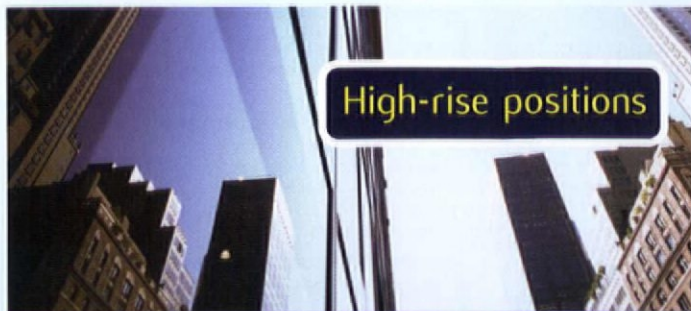
Already 50 strong with long lasting relationships with Clients in the Retail, Distribution and Commercial fields. We now require enthusiastic people to build our new teams working on large Mixed, Retail, Residential and Leisure projects in addition to Office Developments, Supermarkets, Education and Housing Developments.

The Practice was formed by Gordon Smith and Chris Smalley in 1991. We are based in the beautiful spa town of Harrogate with a growing office in Mayfair London.

Our enviable staff retention levels result from the strong team spirit that is fostered throughout the practice.

We offer an excellent remuneration package and friendly working environment for the right candidates. This will include Healthcare Cover, Pension, Life Assurance, Paid Overtime, Flexible Working and good Holiday entitlement.

Contact: Chris Smalley or Gordon Smith Smith Smalley Architects Craven Lodge Victoria Avenue Harrogate HG1 5PX  
tel. 01423 531100 fax. 01423 531449 email. [admin@smithsmalley.co.uk](mailto:admin@smithsmalley.co.uk) website. [WWW.smithsmalley.co.uk](http://WWW.smithsmalley.co.uk)



**High-rise positions**

**Architectural Technologist**

**€38,000 + Benefits – Ireland**

This is a fantastic opportunity for an Architectural Technologist with at least 2 years' experience. You will have the chance to expand your skills whilst operating on a broad range of projects from inception through to the completion stages. AutoCAD proficient, you will be working on construction detailing, tender packages and planning applications. This company has won several awards and is a well-established practice, having been in operation for over 20 years. An urgent requirement with the company interviewing immediately. Naomi Cassidy t. +353 (0) 1 678 9288 e. [ncassidy@bbtireland.com](mailto:ncassidy@bbtireland.com) Ref: NC67

**Part II Architect (6 Month Contract)**

**£19 Per Hour – West London**

Dynamic Part II Architect required to work on an exciting new £500m, mixed-use development for Dubai. You will be working with the Master Designer and preparing detailed designs and presentations for the planning stage of the project. You will be able to produce a high standard of work within strict deadlines and provide a commitment for six months. This project will be fast paced, good fun and will keep you motivated throughout.

Emma Ellis t. 020 7881 2700 e. [eellis@bbt.co.uk](mailto:eellis@bbt.co.uk) Ref: EE11



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

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



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



**READY FOR A CHALLENGE?.....**

We are an expanding architectural practice on the south western fringe of the Lake District.

We are seeking an architect or technician. You must be a hard-working team player with a sense of humour. You must be ambitious but practical, self-motivated and able to offer our clients a personal and high quality service, meeting or exceeding their expectations through creative and efficient design and management.

**CHALLENGED?..... Send us your CV**

CRAIG AND GREEN PARTNERSHIP 111 DUKE STREET  
BARROW IN FURNESS CUMBRIA LA14 1XA [www.craigandgreen.com](http://www.craigandgreen.com)

**SMITH  
SMALLEY  
ARCHITECTS  
LTD**





### Senior / Associate Architect

£40,000 approx • Birmingham

This International firm based in Birmingham City Centre is looking for highly skilled and widely experienced Registered Architects to join their expanding team at a Senior or Associate level. Suitable candidates will have excellent conceptual design skill, solid construction knowledge and the dynamism to win and manage complex developments.

Contact Thomas on 0121 212 2255 or  
email [thomas.walton@anderselite.com](mailto:thomas.walton@anderselite.com)

### Senior Urban Designer

Up to £38,000 • South West London

Our client is a medium sized SW London practice with a reputation for innovative & design-led projects. They are seeking a Snr Urban Designer to lead the Urban Design section. He or she will be responsible for building upon the practices existing work and to develop new opps and winning new urban design work, and therefore good communication skills are essential.

Contact David Clazey on 0207 256 5555 or  
email [david.clazey@anderselite.com](mailto:david.clazey@anderselite.com)

### Snr Architectural Technician

£28-£30k + Bonus & Benefits • Cardiff

A Senior Architectural CAD Technician is required with at least 4 to 5 years exp to work on a variety of Housing, Leisure and Healthcare projects. This opportunity will allow you to become heavily involved in producing Construction Drawings/Details to a high degree of accuracy; hence proficiency in AutoCAD is required. Commitment to a high design standard, creative flair and good Technical ability are essential. This position offers an opportunity to work in a young and vibrant environment alongside an inspiring team with a proven reputation for quality and excellence.

Contact Lou Maskell on 02920 388 752 or  
email [lou.maskell@anderselite.com](mailto:lou.maskell@anderselite.com)

### Architect (Perm)

£25,000 to £35,000 • Glasgow

A permanent role with an internationally renowned Architectural and Design practice. Candidates will preferably have 5yrs post part III experience and be looking to grow their skills with a forward thinking firm. Experience in educational sectors and design development is preferable.

Contact Ollie Quinn on 0131 240 2300 or  
email [ollie.quinn@anderselite.com](mailto:ollie.quinn@anderselite.com)

### Architectural Technician

To £25 p/hr • Central London

Experienced Architectural Technician required to work on Landmark project. Min 3yrs experience, knowledge of UK Building Regs and strong Detailing skills with a Design sensibility is needed. MicroStation and/or AutoCAD proficiency is required. The practices' sectors include Residential, Transport, Education and Mixed-use projects. This job is a 3-month contract with excellent long-term career opportunities.

Contact Martin Briggs on 020 7847 2495 or  
email [martin.briggs@anderselite.com](mailto:martin.briggs@anderselite.com)

### Architect

£35,000 / £42,000 + Car & package  
East Anglia

This is a fantastic opportunity and package for a PIII architect with around 4 years experience in the house build sector. You will be responsible for your own projects and team of technicians, have a professional understanding of the UK building regulations, fully conversant on AutoCAD.

Contact Georgie Georgiades on 01223 451341 or  
email [georgie.georgiades@anderselite.com](mailto:georgie.georgiades@anderselite.com)

### Senior Associate/Partner

£50,000 + package • Bermondsey, SE1

An excellent opportunity exists to join a small practice and play an integral part in their future. Joining at a senior level, you will play a crucial role in the development and scope of their ongoing business plan and assist them to double in size over the next 2 years.

Contact Kate Waymouth 020 7847 2436 or  
email [kate.waymouth@anderselite.com](mailto:kate.waymouth@anderselite.com)

### Design Co-ordinator

c£37,000 + Bens • London

A design co-ordinator is required for one of the UK's leading contractors working on healthcare projects in and around the City. This role would ideally suit a project architect who has both good design skills and good construction knowledge who is looking for further career progression in a highly lucrative and dynamic field. Healthcare experience would be useful though not essential.

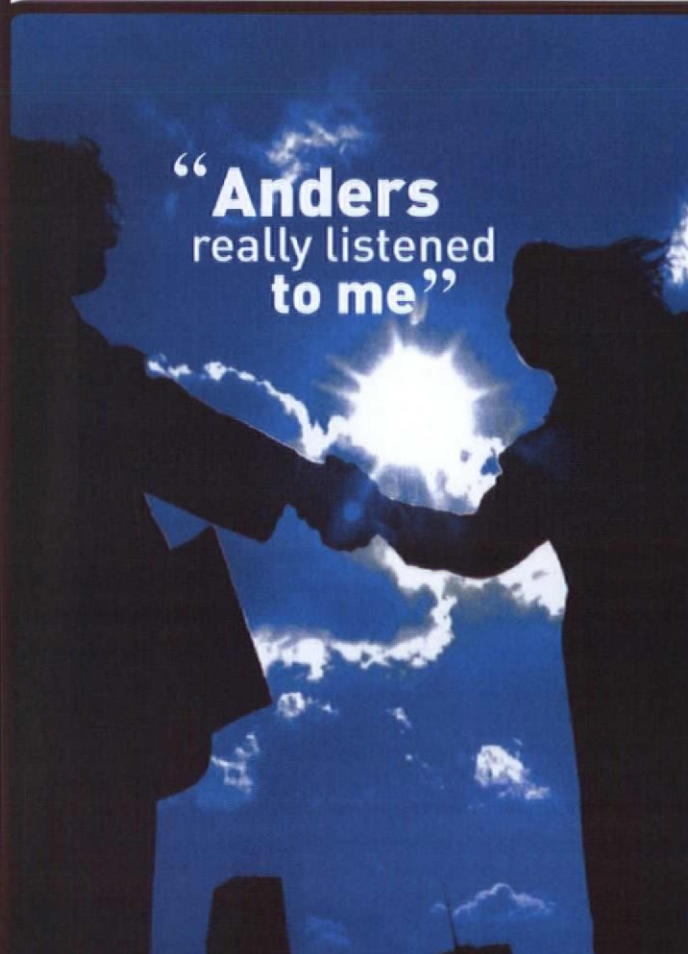
Contact Victoria Bistolfi on 0207 847 2401 or  
email [victoria.bistolfi@anderselite.com](mailto:victoria.bistolfi@anderselite.com)

### Architectural Technician (Contract)

£14 to £18 p/hr • Edinburgh

Long-term contract with large established practice working on Commercial, Retail and Residential projects, producing technical drawings using AutoCAD and liaising with Design Team and clients. Must have at least 3 years experience.

Contact Steve McNally on 0131 240 2300 or  
email [steve.mcnelly@anderselite.com](mailto:steve.mcnelly@anderselite.com)



“Anders  
really listened  
to me”

# Anders elite

[www.anderselite.com/architecture](http://www.anderselite.com/architecture)

“Best National Recruitment Agency Website 2005”

CDI AndersElite Ltd operate as both an employment agency and employment business



## Architecture + Design Scotland

### Architect

Architecture and Design Scotland is a new public body established as the national champion for architecture, design and planning in the built environment.

Applications are invited for the post of Architect, based in Edinburgh. The successful candidate will be registered with the Architects Registration Board, hold a full driving licence, and will preferably have experience of the analysis and description of architectural design projects and a working knowledge of the Scottish planning system.

Appointment will be to the pay range B3 (£26,650 - £35,669 - pay review pending). Starting salary will depend on experience. This post is a permanent, full-time appointment analogised to Scottish Executive pay and conditions of employment. The successful candidate will have the opportunity to join the Civil Service Pension Scheme.

For further details and an application form, please visit [www.ads.org.uk](http://www.ads.org.uk) or contact Helen Brown on 0131 556 6699 or Email: [recruitment@ads.org.uk](mailto:recruitment@ads.org.uk)

Completed applications must be received by 7 December 2005. All correspondence will be treated in confidence. To ensure equality of assessment, applications will only be accepted if made on the Form provided by A+DS.

Architecture + Design Scotland is an Equal Opportunities employer which welcomes applications from all suitably qualified people. We aim to employ a diverse workforce which reflects the people of Scotland. A+DS operates a no smoking policy within its premises.



...careers in construction

NOW in Architecture

#### SENIOR URBAN DESIGNER

Based: London

This top 40 UK practice is currently forming a new urban design section and are currently recruiting for a Senior Urban Designer. You will be responsible for leading the section on various projects to include masterplanning, healthcare, residential, educational, etc. Applicants must have a wide range of UD experience, be self motivated and be a good communicator. You will be responsible for building up the practice's existing work, as well as developing new opportunities. On offer will be a competitive package and excellent progression opportunities. Ref: RL182

#### ARCHITECT/DESIGNER

Based: London

Due to an expansion of their brand design activities for shopping centres and retail prospects in Eastern Europe, our client is looking for a senior, experienced Architect/Designer to direct and manage projects from inception to completion. This client-facing role requires passion, personality, tenacity and a willingness to travel to exciting and demanding market places. This is an exceptional opportunity, for the right person, to play a key role in the future development of the company. Languages would be beneficial. Ref: RL218

#### ARCHITECTURAL TECHNICIAN/ ASSISTANT

Based: London

An enthusiastic Architectural Technician or Architectural Assistant Part II, with a minimum three years' experience, is required to join this busy multi disciplinary team, working on projects at various stages. An interest in transport projects would be beneficial. Must be proficient in AutoCAD (2000) and have a sound knowledge of the design and construction process. Job Running experience would be beneficial as would good design skills. Ref: RL323



To apply, please email David Bean,  
[david.bean@nowrecruitment.com](mailto:david.bean@nowrecruitment.com)  
NOW Recruitment, 83 Victoria Street,  
London SW1H 0HW  
Tel: 020 7495 5613 Fax: 0870 751 7448  
[www.nowrecruitment.com](http://www.nowrecruitment.com)



## Nationwide Architectural Recruitment

### Contract

#### Assistant Architect

North London

To £19/hr

Located in idyllic countryside, a short commute from Central London, our client is a busy Education specialist with a number of needs for Assistant Architects to work on a 12 month+ contract. Candidates must have a minimum of 4 years experience, be proficient on AutoCAD and have a good understanding of UK Regulations. Education experience would also be desirable.

Ref: AJ5

#### Part 2/3 Architect

NW London

To £23/hr

Fabulous International project with medium-size practice. You can be part of a new team, working with existing staff from the concept design to planning stage. Great scope for input in this huge project, including Hotel, Residential, Health and Leisure designs for a large village overseas. Excellent AutoCAD and presentation skills vital, in addition to a fresh design outlook. 6 months ongoing contract.

Ref: AJ6

#### Architectural Technicians

Manchester

To £25/hr

One of the UK's leading design practices is urgently seeking experienced Architectural Technicians to join their Manchester based office. An experienced Technician, you will have at least three years experience within the Architectural Market place. Proficiency on Microstation is vital.

Ref: AJ4

### Permanent

#### Senior Urban Designer

SW London

£Neg

Our Client, a well established Architectural Practice in London, is looking to form a new Urban Design section and is looking for a Senior Urban Designer to take a lead role in building upon the practices existing work, as well as creating and winning new opportunities. This will be a challenging and exciting role with great career prospects for the right individual. Ref: AJ3

#### Architect

Central London

To £35k pa

Our award winning client is a market leader in the Social Housing field and are currently looking for an Architect to join their successful team. This is an excellent opportunity for an Architect with 2-5 years post qualification UK experience to develop their career. You will have strong client liaison abilities and a realistic approach to design, ideally gained in the Residential sector although this is not essential.

Ref: AJ7

#### Project Architect

Oxford

To £35k pa

Due to continued success, this Oxford based Architectural practice requires an experienced Project Architect to manage a small team. You will have at least 3 years PP3 experience, preferably in the Healthcare, Educational or Industrial sectors. The ability to run projects and take responsibility is vital. Design skills and proficiency on AutoCAD are desirable.

Ref: AJ9



[www.faststream.co.uk](http://www.faststream.co.uk) - 120+ Nationwide architectural jobs online  
t: 023 8033 4444 e: [arch@faststream.co.uk](mailto:arch@faststream.co.uk)

**faststream**  
RECRUITMENT LIMITED



# AJ NET DIRECTORY

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

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

**BARKER ROSS** [www.barkerross.co.uk](http://www.barkerross.co.uk)  
architecture@barkerross.co.uk  
Professional Recruitment Solutions 0115 948 3757

**careers**  
in construction

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

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

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

**NOW** [www.nowrecruitment.com](http://www.nowrecruitment.com)  
recruitment

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

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

**www.riba-jobs.com**

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

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

## Recruitment Agency of the Royal Institute of British Architects

### Senior Architect - The West End

A senior project architect with proven experience in urban design and housing estate regeneration is required to lead a new team specialising in this field. You will be working alongside fellow design teams and other built environment professionals on prominent sites around the Capital. Presentation, management and AutoCAD skills required. **JOB REF 0810**

### Project Architect / Associate level - Islington

An ideal opportunity if you would like a change, perhaps from a larger design practice, to work within a small friendly studio on high quality projects. Residentially focused, this practice seeks someone to help continue their growth into fields such as healthcare and primary schools, upto £4m budgets. With sound client liason experience you will be mid-career and ready to take an associate level position. Vectorworks. **JOB REF 0800**

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

RIBA

# Appointments

[info@ribaappointments.com](mailto:info@ribaappointments.com) [www.ribaappointments.com](http://www.ribaappointments.com) 020 7496 8371



## Foggo Associates

We are seeking new team members for our practice of Architects, Engineers and Cost Consultants:

- Architect with five to ten years experience,
  - Senior Architectural Technician
- CAD proficiency essential (MicroGDS preferred)

CV and samples of work to:

Andrzej Hewanicki  
Foggo Associates  
55 Charterhouse Street  
London EC1M 6PR  
[andrzej.hewanicki@foggo.com](mailto:andrzej.hewanicki@foggo.com)  
[www.foggo.com](http://www.foggo.com)

## ttgarchitects

require experienced

### PROJECT ARCHITECTS, ASSISTANTS and TECHNICIANS

to work with us on a variety of retail and commercial projects.

Applicants will be AutoCAD proficient, have strong organisational skills and a good technical background with proven project experience.

Please apply, with CV, by email to: [post@ttgarchitects.co.uk](mailto:post@ttgarchitects.co.uk)  
or write to: Iain Whittington

ttg architects, 28/30 Kirby Street, London EC1N 8TE



## Architects and Technicians SOUTH WALES

With increasing quality commissions in the care and specialist residential sector, we require talented Architects and Technicians.

Excellent salaries and benefits with an opportunity to progress in a friendly, busy and ambitious practice

### KWL architects

Poplar House, Hazell Drive, Newport, NP10 8FY  
[KWL@KWL.architects.co.uk](mailto:KWL@KWL.architects.co.uk)

## Architectural Staff

For an informal chat  
about your options  
please call Jane  
Gamblin.

Or email at -  
[janegamblin@barkerross.co.uk](mailto:janegamblin@barkerross.co.uk)

**BARKER ROSS**  
LIMITED  
Professional Recruitment Solutions

**0115 948 3757**  
[www.barkerross.co.uk](http://www.barkerross.co.uk)

Ref: NT420 (Agy)



## A Community of Professionals

Sprunt are seeking a talented architectural assistant to join our well established multi-disciplinary company specialising in inner city regeneration.

### ARCHITECTURAL ASSISTANT: A17/111105

£26,000 - £29,000 pa - Central London

Qualified architectural assistant interested in education, housing and health design. Experience of full working drawings/details and previous use of ADB NHS Activities Database essential.

The successful candidate will receive the training and the experience required for Part III as part of our graduate training programme.

Sprunt is an equal opportunities employer. We never forget our people are our future and that their knowledge, talent and initiative are our greatest assets. For an information pack and application details, please e-mail jobs@sprunt.net, quoting the relevant job title and reference.

Closing Date: 22 December 2005

**Sprunt** The Quadrangle,  
180 Wardour Street  
London W1F 8FY  
T +44 (0)20 7287 1153  
www.sprunt.net

**sprunt.**  
...not just architects

## ARCHITECTURAL TECHNICIAN/DESIGNER



Croudace Homes, award winning developer of new homes for over 50 years, seeks an architectural Technician/Designer to strengthen our Engineering and Design Department at our Head Office in Caterham.

This wide ranging and varied role encompasses the preparation and submission of planning applications and the working detail design for small and large scale residential developments.

You should be results driven and enthusiastic, wishing to join a team intent upon adding to their achievements in a challenging business environment.

Qualified to a minimum of HNC standard, you must have a knowledge of the latest version of AutoCAD.

Please send your full CV to: Brenda Millar,  
Personnel Department, Croudace Homes Ltd,  
Croudace House, Caterham, Surrey CR3 6XQ,  
or email [brenda.millar@croudace.co.uk](mailto:brenda.millar@croudace.co.uk)

**Croudace**  
[croudacehomes.co.uk](http://croudacehomes.co.uk)

Surrey

Renowned for bespoke traditional & contemporary timber frames  
We are now looking for a talented **architect/part III/technician** to provide leadership through collaboration & help steer the design team onto its next tier.  
Head office near Bath.

please send your cv with examples of your work to: [design@cowco.biz](mailto:design@cowco.biz)

Carpenter Oaks Woodland

## Practice Manager, €C1 up to £34k

Fantastic opportunity to run large, internationally renowned, award winning architectural practice. You will be in charge of the day to day running of the office and co-ordinating and supervising the administration team. Responsibilities include liaising between departments, producing weekly and monthly reports on practice information and staff utilisation as well as HR and facilities. An Extremely demanding role for a pro-active and self motivated industry experienced Office Manager of 100+ staff. Must have knowledge of IT infrastructure and trouble shooting, strong communication skills, the ability to work under pressure and good multi-tasking skills. Salary depending upon experience. Please quote reference number **AW02893** upon application.

adrem recruitment Ltd. 41-42 Foley Street, London W1W 7TS  
T: 020 7436 1616 E: [admissionsolutions@adrem.uk.com](mailto:admissionsolutions@adrem.uk.com)



Busy Practice requires an Architect and a Technologist to join its Bedford Office. Applicants should be talented and motivated with experience in Housing Design and an interest in sustainability.

MEPK is an Equal Opportunities Employer

5A Harpur Street Bedford MK40 1PE  
Tel: 01234 - 351221  
[bedford@mepk.co.uk](mailto:bedford@mepk.co.uk)

**MEPK**  
ARCHITECTS



**C. G. FRY & SON**  
**BUILDERS & CONTRACTORS**  
*In harmony with our heritage*

CG Fry and Son Ltd are a design led regional house builder, based in Dorset in the south west, with an excellent reputation for producing high quality residential developments. We have the following vacancies:

### ARCHITECT/ARCHITECTURAL TECHNOLOGIST

We require either an architect or an architectural technologist with at least five years post qualification experience. The ideal candidate will have good design, technical and job running skills and a flair for residential design. Experience of AutoCAD is essential. The ability to prepare full working drawing packages, specifications and to take projects through to completion will be important.

### ARCHITECTURAL ASSISTANT/ TRAINEE ARCHITECTURAL TECHNOLOGIST

Candidates should have completed a course in Architecture or Architectural Technology and have good technical ability and an interest in residential design, as well as experience in the use of AutoCAD.

The positions are permanent and salary is negotiable depending on experience. Please apply in writing /e-mail with CV and A4 examples of work to:

Eugene Doherty,  
CG Fry and Son Ltd, Litton Cheney, Dorchester,  
Dorset, DT2 9AW  
e-mail: [eugene@cgfry.co.uk](mailto:eugene@cgfry.co.uk)  
Website: [www.cgfry.co.uk](http://www.cgfry.co.uk)



MANCHESTER  
1824**School of Environment and Development  
Readership/ Senior Lectureship in  
Architectural Studies**

Ref: HUM/297/05

£38,685 - £43,850 p.a.

**Lectureships in Architectural Studies**

£24,352 - £36,959 p.a.

Ref: HUM/298/05

Following a review of Architecture as part of the process of establishing the University of Manchester in 2004, the University decided to make a major investment in the University of Manchester Architectural Research Centre (UMARC), located within the School of Environment and Development within the Faculty of Humanities. UMARC will draw upon a wide range of interdisciplinary research and teaching interests within the School, the Faculty of Humanities, the University and the Faculty of Art and Design at the neighbouring Manchester Metropolitan University (through the joint Manchester School of Architecture).

Professor Simon Guy has been appointed as Head of UMARC and the School of Environment and Development (SED) now seeks to make appointments of a Reader/Senior Lecturer and two Lecturers in Architecture. You will assist Professor Guy to establish an international research profile in interdisciplinary architectural research at the University of Manchester, expanding research activity, enhancing research grant income, developing postgraduate teaching and increasing the number of postgraduate research students. These positions are open in disciplinary terms to established researchers with international reputations in any field of architectural research.

Starting dates as soon as mutually convenient.

Informal enquiries about the post may be made to Professor Simon Guy on +44(0) 161 275 0315; e-mail: [simon.guy@manchester.ac.uk](mailto:simon.guy@manchester.ac.uk)

The activities of the component parts of the School are described on the School of Environment and Development website at [www.sed.manchester.ac.uk](http://www.sed.manchester.ac.uk)

Closing date: 6 January 2006.

*The University will actively foster a culture of inclusion and diversity and will seek to achieve true equality of opportunity for all members of its community.*

Combining the strengths of UMIST and The Victoria University of Manchester

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

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

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

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

We are an equal opportunities employer.

To advertise here please contact  
Laura Tilling on: 020 7505 6803

Email: [laura.tilling@emap.com](mailto:laura.tilling@emap.com)

AJ

**PLANNING AND  
TRANSPORTATION****Urban Design Senior Planning Officer**

Grade JE9: £34,090 - £40,960 inclusive of London Weighting

The City of London is the historic and commercial core of the capital and is the world's leading financial centre. Planning in the City seeks to reconcile the constant pressure for development with the stewardship of a unique historic form and townscape. The City presents exciting opportunities for both new world-class architecture and the conservation of the best of the past, along with the creation of a high-quality streetscape.

A vacancy has arisen for a Senior Planning Officer with considerable urban design experience to work in a multi-disciplinary area team dealing with development proposals and project work in the eastern half of the City. You would be responsible for leading on urban design and conservation matters in the team and would be expected to promote high-quality design and the protection of historic environment in the Square Mile. You can expect to handle major and complex proposals by internationally renowned architects.

The postholder will also be expected to take joint responsibility for allocating and monitoring the work of the team with particular reference to urban design matters.

A qualification in Town Planning, Architecture, Urban Design or Conservation is required with at least five years' experience in urban design and development control.

The Corporation of London is the local authority for the City of London, providing a wide variety of services to a unique mix of customers. It has an 'excellent' CPA rating.

Our unique range of benefits includes 28 days' holiday, final salary pension scheme, subsidised staff restaurant, season ticket loan and a variety of discounts on Corporation services and local shops.

For an informal discussion about the post please contact: David Stothard, Development Manager (East), on 020 7332 1238.

For an application pack please contact the Central Service Unit on 020 7332 3978 (24hr answerphone) or email [csu@corpoflondon.gov.uk](mailto:csu@corpoflondon.gov.uk) quoting reference number PLN022.

Closing date for completed application forms is 19 December 2005.

Interviews week commencing 9 January 2006.



The Corporation is committed to Equal Opportunities and welcomes applications from all sections of the community. A no smoking policy is in operation.

**Barnsley Hewett & Mallinson  
Chartered Architects**

We are currently recruiting Architects to help with our increasing Educational workload. Candidates should be technically competent and have good communication skills. All candidates should have a minimum of 1 year's UK office experience. AutoCAD experience preferable but not essential.



**We are looking for qualified Architects with up to 3 years' post-graduate experience as well as Part 2 RIBA Architects**

Please write to

Mr S W Leech, Barnsley Hewett & Mallinson, Chartered Architects,  
1 White Hart Lane, London. SW13 0RA.  
or e-mail [recruitment@bhmarchitects.com](mailto:recruitment@bhmarchitects.com)



# CA ARCHITECTURAL RECRUITMENT CONSULTANTS

## MANCHESTER

Senior Job Runners - Manchester City Centre £35 - 40k

This well established, national practice are seeking experienced job runners, either Architects or Technicians for their Manchester city centre office. With a varied and diverse range of projects, they have something to interest everyone. A well run and organised practice, they can offer real career opportunities for talented professionals.

For this and a range of other opportunities please visit our new website at [WWW.CHAMBERLAINASSOCIATES.CO.UK](http://WWW.CHAMBERLAINASSOCIATES.CO.UK)

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

**CA** CHAMBERLAIN ASSOCIATES  
T: 01925 423644 F: 01925 423645  
E-mail: [info@ca-uk.co.uk](mailto:info@ca-uk.co.uk)  
Website: [www.ca-uk.co.uk](http://www.ca-uk.co.uk)

## FDArchitecture

+ 4 4 2 0 7 6 3 7 3 5 4 1

We are a small, ambitious, design-led practice in central London. Projects are varied, although a large percentage of current commissions are Private residential projects and High-end retail work.

Due to rapidly expanding workload of exciting projects we are looking for qualified Architects with good design, technical and job running skills to take a key role in the development of the practice. Applicants should have a minimum of 5 years post part iii experience.

Good career prospects and attractive salaries will be offered to the right candidates.

Please send fully illustrated cv to:

Hans van Riemsdijk,  
FDArchitecture,  
19 Margret st.  
London  
W1W 8RR

## COURSES

# AutoCAD Courses

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

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

## CAD Training Service

## TENDERS

# Foot bridge Rochester competition Riverside

Architects and designers are invited to take part in an exciting opportunity to design two 30m span footbridges. The bridges will be dramatic features for the planned waterfront development in Rochester, Kent.

Competition entrants will need to produce the following:

- Detailed design for the first bridge
- Concept design for the second bridge

The competition is being conducted in 2 stages.

Stage 1 submission: Expressions of interest  
12th December 2005

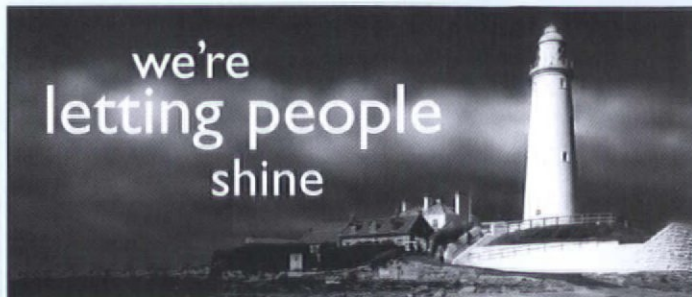
Stage 2: A shortlist of three+ entrants will be invited to develop their ideas. Each team will receive a £4,000 honorarium.

Further Details  
please contact Sarah Brown  
at The Kent Architecture Centre.  
[sarah.brown@kentarchitecture.co.uk](mailto:sarah.brown@kentarchitecture.co.uk)  
Telephone 01634 401 166



Designed by Electric Workshop  
[www.electricworkshop.co.uk](http://www.electricworkshop.co.uk)

# we're letting people shine



At North Tyneside we give you the freedom that lets your natural talents shine through, and now we're giving you even more scope to shine. This is a time of positive change as we transform the way in which we provide essential public services, starting with an overhauled structure and a clearer focus on the customer.

## ENVIRONMENT, REGENERATION & HOUSING

Design & Partnering

## Architect (2 Posts)

£25,437 - £27,411/£27,411 - £29,958 pa, 37 hpw, Permanent  
Ref: DE609/05

We are a progressive design practice embracing a Partnering approach. Our challenging and interesting workload includes education, leisure, public buildings, offices, retail, environmental works and regeneration. All projects are commissioned through the North Tyneside Partnering Agreement which has Demonstration Status with M4i and received a Construction Best Practice award in 2003.

You must demonstrate design flair, combined with excellent job running/project management skills and CAD proficiency in REVIT and AutoCAD 2006. You will have excellent 3D CAD presentational skills. Good health and safety knowledge and awareness is essential.

You will be responsible for projects from inception to completion and for ensuring that the multi-disciplined project team meets its targets. Preference will be given to experience in Education, Leisure or Regeneration sectors. You should be ARB registered with a minimum of 3 years' post qualification experience. RIBA membership is preferred but not essential.

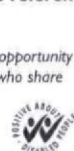
This post requires an enhanced disclosure.

Application forms available in standard format, large print, Braille and audio tape, can be obtained by telephone (0191) 200 5000 between 7.30am - 8pm and (0191) 219 2366 between 8pm - 7.30am, Minicom (0191) 219 2440 or apply online at [www.sector1.net](http://www.sector1.net) or [www.northtyneside.gov.uk](http://www.northtyneside.gov.uk). Please quote reference number.

Closing date: 9th December 2005.

We are actively working towards ensuring equality of opportunity in employment and service delivery and seek people who share our commitment. We operate a No Smoking Policy.

[www.sector1.net](http://www.sector1.net) for more vacancies within this organisation



North Tyneside Council

letting people shine

[www.northtyneside.gov.uk](http://www.northtyneside.gov.uk)

## PTOLEMY DEAN ARCHITECTS LTD

Young Covent Garden based practice is looking for an enthusiastic and capable

## PART I/II STUDENT

with an interest in conservation work to be involved in a variety of projects. AutoCAD experience preferred.

Please apply in writing with CV and A4 work samples to include hand drawn and CAD samples to

Ptolemy Dean Architects Ltd

5 Dryden Street  
London, WC2E 9NB  
TEL: 020 7829 8380



**CLASSIFIED ENQUIRIES**

Gemma Cook: T 020 7505 6816 F 020 7505 6750  
gemma.cook@emap.com

**MODEL MAKERS**

**form**  
modelmakers


020 7620 1020      www.formcreations.com



**BULLFROG  
MODELS LTD**

Contact  
STAN AUBERTIN

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



**A.D.A.**  
All types of models

Atmospheric perspective illustration      Professional architectural photography

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

**MODEL MAKERS**



For all enquiries please call  
Wesley or John  
01892 835051


Tonbridge Kent  
tpamodelmakers.com  
Email: [creativity@tpamodels.freemove.co.uk](mailto:creativity@tpamodels.freemove.co.uk)

**Modelmakers**



**FLIC  
MODELS**

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



**BUSINESS OPPORTUNITIES**

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

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

**mac**  
Mastic Asphalt Council

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

**ARCHITECTURAL  
MODELMAKERS**

**elfin**  
presentations

191-205 Cambridge Heath Road London E2 9EL  
Tel. (020) 7729 6744 Fax. (020) 7729 9318  
[www.elfinpresentations.co.uk](http://www.elfinpresentations.co.uk)

**AJ**

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

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

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

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

YOUR VISION, OUR KNOW HOW

**MY  
SPACE**



MS1QAJ

**PIPERS  
FOOKS**

**CONCEPT, PLANNING & MARKETING**

FOR ALL YOUR MODELMAKING NEEDS,  
CONTACT STEPHEN FOOKS.

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

**01233 636 868**  
[STUDIO@PIPERSFOOKS.COM](mailto:STUDIO@PIPERSFOOKS.COM)  
[WWW.PIPERSFOOKS.COM](http://WWW.PIPERSFOOKS.COM)



## MODEL MAKERS

### KANDOR KANDOR MODELMAKERS



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

01344876776

THORP

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



modelmakers

# PIPERS

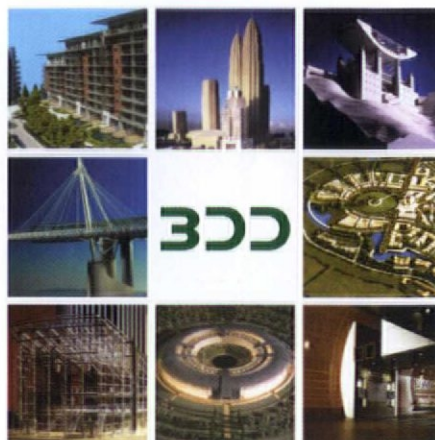
## CONCEPT, PLANNING & MARKETING

FOR ALL YOUR MODELMAKING NEEDS,  
CONTACT CARLOS SOUSA.

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

**020 7250 0530**  
[STUDIO@PIPERS.CO.UK](mailto:STUDIO@PIPERS.CO.UK)  
[WWW.PIPERS.CO.UK](http://WWW.PIPERS.CO.UK)

## MODELMAKERS



t: 020 7739 7933

f: 020 7739 7195

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

### MC MODELMAKING

ARCHITECTURAL MODELS

**01634 818539**

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

# COMBER

**MODELMAKERS Tel: 020 8533 6592**

LONDON

• INVERNESS



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



## 3D COMPUTER VISUALISATION

+44 (0) 1252 711 700  
www.circlecreative.co.uk  
sales@circlecreative.co.uk

**Circle**  
creative limited

**designhive**  
visualisation & animation

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

The Grand Magazine. Client: Saville Jones Architects

01944876776 **THORP** www.etomltd.com

visualisations

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

3D Architectural Advertising by  
Glass Canvas Productions Ltd

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

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

glass canvas

animation — photomontage — visualisation — multimedia

**VISUAL EYES**

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

www.3dcom.co.uk  
3d@3dcom.co.uk  
01274 534138

the digital image co.

t 020 7613 5530 www.thedigitalimageco.com

**cpmgraphics**  
SUPERIOR QUALITY GRAPHIC COMMUNICATIONS

**3d visualisation**  
www.cpmgraphics.co.uk  
graphics@cpm-uk.co.uk  
01285 750555

**VIVA**  
your idea. our passion. your reality.

www.vivadigitalmedia.co.uk Tel 05800 437096  
studio@vivadigitalmedia.co.uk

**AJ**

To advertise here please  
contact  
Gemma Cook on:  
020 7505 6816  
Email:  
gemma.cook@emap.com



# PLANS-SECTIONS-ELEVATIONS

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

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

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



## XYZ Surveys

Digitally mapping the Landscape

- Topographical Surveys
- Engineering Surveys

- Measured Building Surveys
- Utility Surveys

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

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



### 360design (UK)

Measured Building Surveys

Laser measured building surveys, commercial properties our speciality.

North +44 (0) 1484 543 198

+44 (0) 7770 987 257

South +44 (0) 1582 882 993

+44 (0) 7798 687190

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

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



measured land and building surveys

the true measure of excellence

t 020 8543 8884

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

f 020 8543 6664

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

## apr services

+44 (0)20 8447 8255

land & measured building surveys  
laser scanning & visualisation

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



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

SHELTERS, CANOPIES & WALKWAYS



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

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

**trueform**  
industry leading solutions



Land & Measured Building Surveys  
Established over 12 years

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

208 Blythe Road,  
Hammersmith, London,  
W14 0HH  
Tel: 020 7610 4132  
Fax: 020 7610 4142  
email: [info@metroplans.com](mailto:info@metroplans.com)  
[www.metroplans.com](http://www.metroplans.com)

## KINGS

Land and Architectural Surveyors

YOUR CHOICE FOR ALL YOUR SURVEY NEEDS

Specialising in

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

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

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

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

Kingsland Surveyors Limited

Bridge Chambers

Bridge Street

Leatherhead

Surrey KT22 8BN

Tel. 01372 362059

Fax. 01372 363059

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

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



PERSPECTIVES

**DAVID HOARE**  
ARCHITECTURAL ILLUSTRATOR



HAND DRAWN  
-PERSPECTIVES  
TEL/FAX 020 8852 7508

**GERALD GREEN**  
PROFESSIONAL PERSPECTIVES



Tel/Fax: 024 7632 5059  
[www.ggarts.demon.co.uk](http://www.ggarts.demon.co.uk)

LASER CUTTING SERVICES



ACRYLICS • VENEERS • FABRICS • PAPERS



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

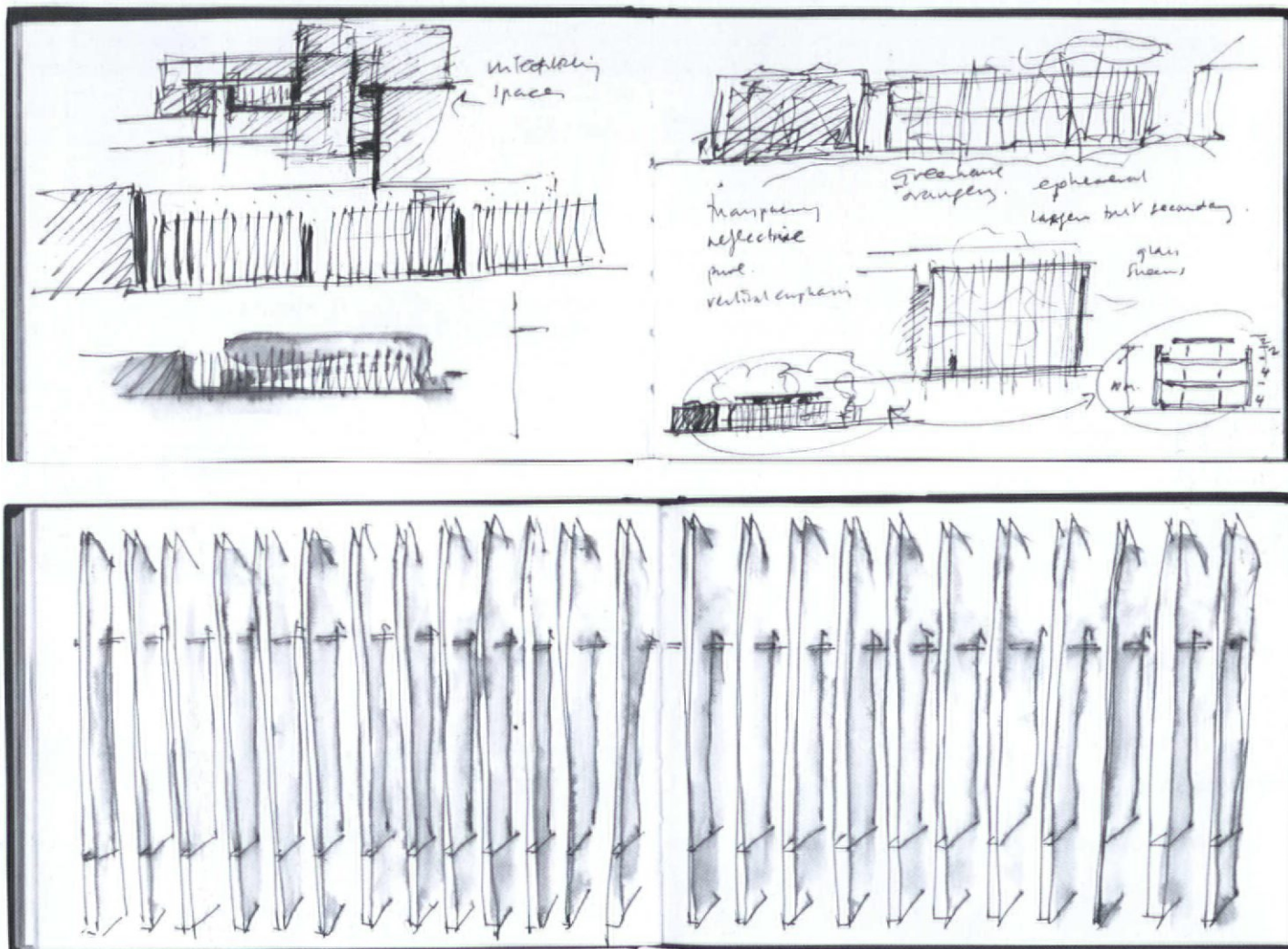
large flatbed  
laser cutters  
cut & engrave

Robert Danton-Rees  
**020 7729 8660**

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

**laser cutting service**





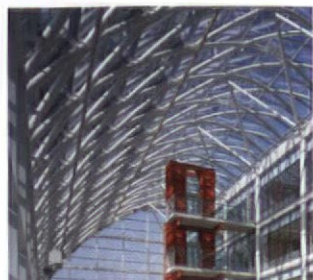
Early concept sketches for a new building for Salisbury District Council. By Alan Stanton of Stanton Williams



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

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

### KEIM MINERAL PAINTS



### AJ ENQUIRY 201

Keim Mineral Paints' Concretal Lasur was specified for overall harmonisation of the concrete for Evelina Children's Hospital. The Concretal Lasur system is a low-pigmentation colour stain available in a range of shades and is ideal for unifying the colour and texture of concrete while retaining its look.

### CORUS COLORCOAT



### AJ ENQUIRY 202

The new West Stand at Leyton Orient's Matchroom Stadium on Brisbane Road is now complete. Colorcoat HPS200 from Corus has been used in three colours – Albatross, White and Merlin – for the roof and wall cladding. Colorcoat Celestia in Sirius was also specified for the main elevation of the ground.

### VELFAC



### AJ ENQUIRY 203

Velfac now provides a service for domestic or small commercial projects. Each window is made to order to customer specifications for design, colour and size, allowing you the freedom of your imagination. Our display can be seen in our Kettering showroom. Call 01223 897100 or visit [www.velfac.co.uk](http://www.velfac.co.uk)

### ASH & LACY



### AJ ENQUIRY 204

Ash & Lacy has teamed up with Cambridge-based surface-treatment technology specialist Keronite to create a new finish for its Ashtech rainscreen cladding system which could open up significant market opportunities in areas that are subject to particularly harsh environmental conditions.

### SILL LIGHTING



### AJ ENQUIRY 205

Power-projectors and power-floodlights from Sill Lighting have been used to light Portsmouth Harbour's Spinnaker Tower. Sill fittings were chosen to provide lighting on the landward side of the tower. Sill achieved the effect using only 12 fittings and a maximum lamp wattage of 400W.

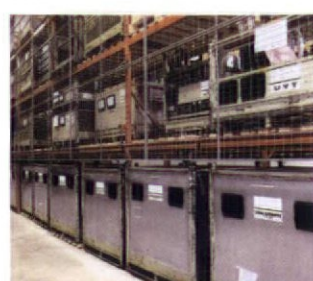
### SWS



### AJ ENQUIRY 206

The high-performance range of timber windows and doors from Scandinavian Window Systems was chosen by sustainable house builder Gusto Homes. All windows and doors are made with laminated Swedish Redwood from sustainable sources for maximum strength and stability.

### TROAX



### AJ ENQUIRY 207

Industrial safety and partitioning specialist Troax has built and installed a custom-designed wire mesh enclosure as part of an overall project to relocate and expand an existing parts-storage facility at the Honda UK plant in Swindon. Troax used its Scimitar range of modular partitioning for security.

### ARMOURCOAT



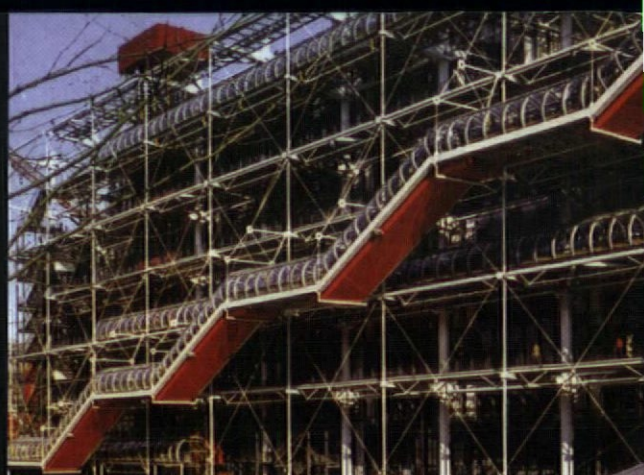
### AJ ENQUIRY 208

Armourcoat Surface Finishes has announced the introduction of new colour palettes for the entire Selector range of polished plaster finishes. The new range of colours has been developed in consultation with architects and designers to create a harmonised spectrum of textures, colours and effects.

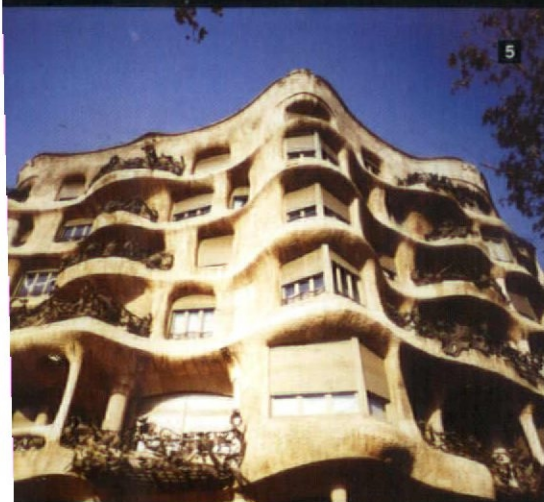
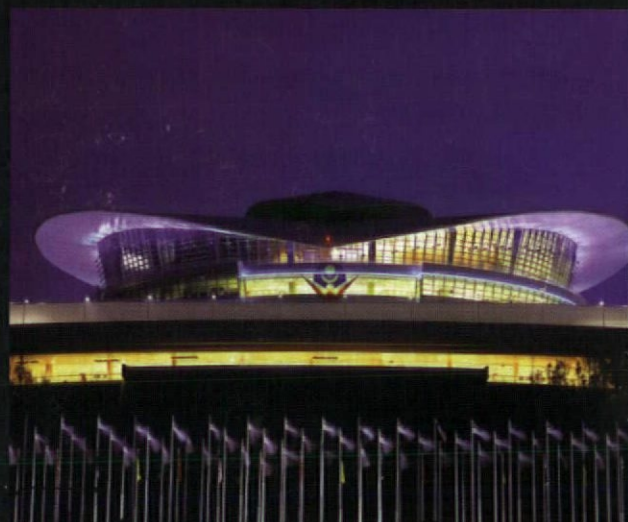
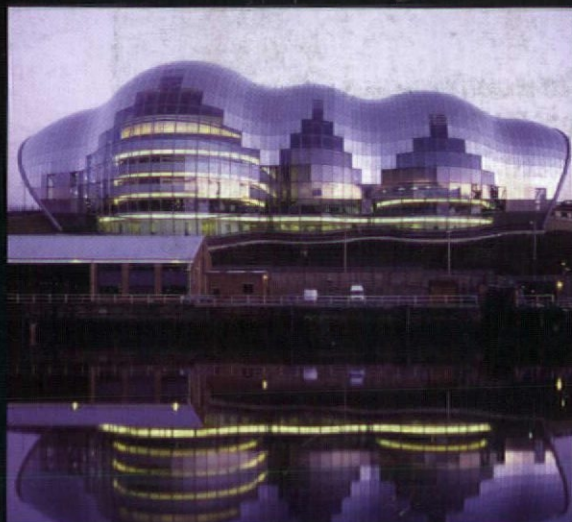




1



What do they have in common?



5



6

1 Teatre Nacional de Catalunya - Spain- Ricardo Bofill

2 Centre Georges Pompidou - France- Renzo Piano

3 The Sage - Gateshead - UK - Foster & Partners

4 Putrajaya International Convention Centre - Malaysia- Hijjas Kasturi

5 La Pedrera - Spain- Antonio Gaudí

6 Opera de Lyon - France- Jean Nouvel



SPECIALISTS IN PUBLIC SEATING SOLUTIONS

UK : rbonet@figueras.com

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

HEADOFFICES & FACTORY - 08186 Lliçà d'Amunt (Barcelona) SPAIN - Tel 34 93 844 50 50 - Fax 34 93 844 50 70 - email: headoffices@figueras.com