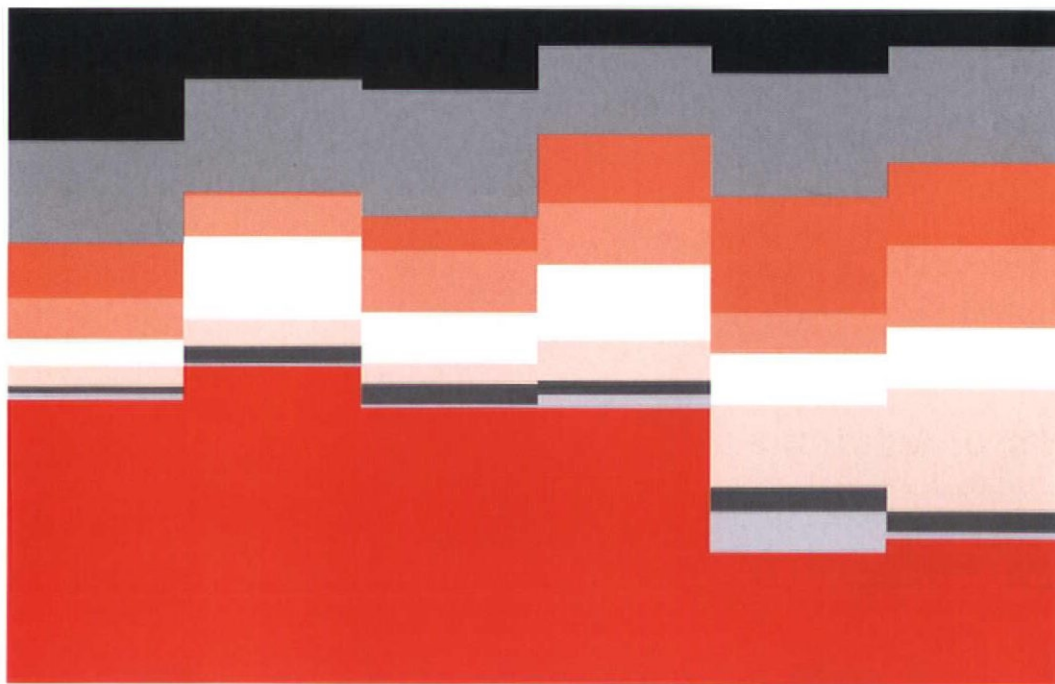


AJ100



AJ 100

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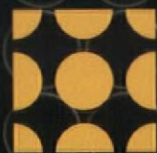




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Research

Camargue

Writers

Isabel Allen, Ed Dorrell, Will Hunter, Rob Sharp,
Ruth Slavid, Richard Waite, Clive Walker

The AJ100 survey is now 11 years old. Its lifetime has coincided with the nationwide drive to revitalise our cities; its evolution charts the impact this has had on architecture's major players. As the opportunities to build mono-function out-of-town developments have steadily declined, architects have had to grapple with the complexities of buildings that occupy constrained sites, respond to historic fabric, and assume a variety of roles.

Where many of the original AJ100 practices were content to define themselves as 'commercial' architects, the definition has become increasingly meaningless. What does it mean to be a commercial architect if the buildings you design are also a significant part of the urban realm, or if you are designing not only retail or office space but maybe also housing, a restaurant, a school?

It is all but impossible to sustain a major practice without confronting the fundamental issues of urbanism, place-making and mixed use. The result is a generation of large practices that define themselves by their design values rather than by their particular niche.

Every year the AJ asks the UK's largest practices to name the architect they most admire. The way the answers have changed over time is revealing. Foster topped the first list back in 1995, and still tops the list today. But back then he was joined by practices such as Broadway Malyan, Aukett Associates and Skidmore, Owings & Merrill. This year's list is peopled exclusively by superstars – home-grown talent such as Hopkins and Rogers, but also international heavyweights such as Ando and Siza.

Once the UK's commercial Goliaths looked to each other for inspiration and viewed themselves as a breed apart. How things have changed. Legendary designers command the greatest respect, and the new breed of super-practices is keeping a watchful eye on the international stage.

Isabel Allen



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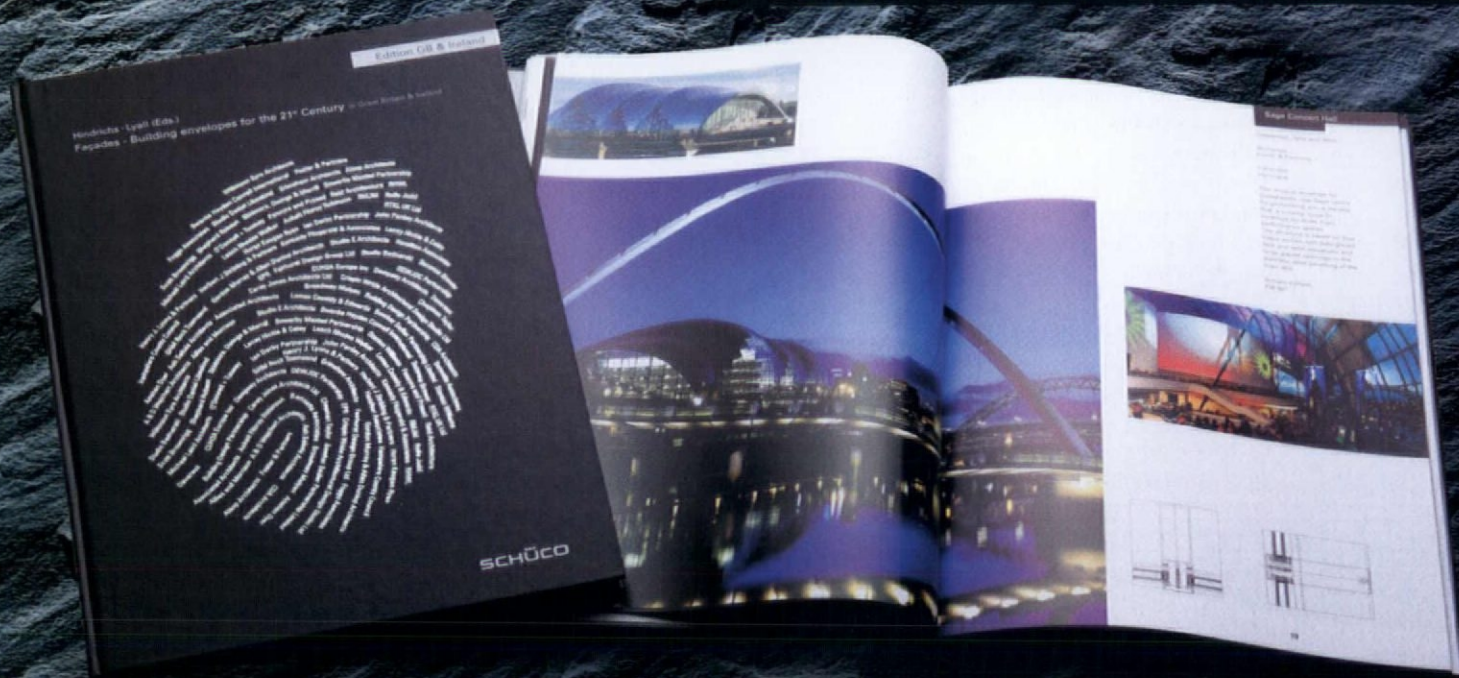
NUMBER OF QUALIFIED UK ARCHITECTS: POSITION 1-49

2005	2004	COMPANY/PRACTICE	UK ARCHITECTS 2005	UK ARCHITECTS 2004	CHANGE IN NUMBER	% OF FEMALE ARCHITECTS
1	1	BDP International	281	241	40	22
2	4	Aedas Architects	190	172	18	23
=3	3	Foster and Partners	175	174	1	24
=3	6	Nightingale Associates	175	160	15	34
5	7	Capita Percy Thomas	172	142	30	12
=6	2	Atkins	167	179	12	14
=6	5	HOK/HOK Sport	167	164	3	25
8	8	PRP Architects	130	120	10	31
9	21	Benoy	117	66	51	18
10	11	Broadway Malyan	108	102	6	23
11	13	Sheppard Robson	101	82	19	25
12	9	Reid Architecture	100	104	-4	20
13	12	Llewelyn Davies Yeang	95	90	5	26
14	=14	Allies and Morrison	90	74	16	30
15	19	Chapman Taylor	76	69	7	21
16	=24	Austin-Smith: Lord	74	60	14	16
17	=26	jMarchitects	73	57	7	25
18	=16	Aukett Fitzroy Robinson	72	-	-	14
=19	18	Chetwood Associates	70	71	-1	21
=19	=14	RMJM	70	74	-4	19
21	=16	RHWL Architects	68	72	-4	29
22	20	Keppie Design	66	67	-1	23
=23	37	Kohn Pedersen Fox Associates	65	48	17	31
=23	22	Stride Treglown	65	63	2	18
=25	=26	Scott Brownrigg	64	57	7	16
=25	=24	Swanke Hayden Connell	64	60	4	20
27	36	Pascall + Watson	63	50	13	8
28	31	RyderHKS	62	54	8	11
29	=74	Lewis & Hickey	61	30	31	8
30	23	Feilden Clegg Bradley Architects	59	61	-2	32
=31	=29	RPS Group	57	55	2	12
=31	28	T P Bennett	57	56	1	18
33	=29	Hamilton Associates	55	55	0	13
=34	=33	Architects Design Partnership	54	52	2	37
=34	32	Pollard Thomas Edwards Architects	54	53	1	52
=36	10	Anshen Dyer	52	103	-51	27
=36	=33	Rolfe Judd	52	52	0	19
38	=38	Carey Jones Architects	51	47	4	12
39	=38	Richard Rogers Partnership	49	47	2	24
40	44	CDA	48	42	6	8
=41	New	3D Architects	46	-	10	24
=41	=52	Hunter & Partners	46	38	8	13
=43	=41	Charter Consultant Architects	45	44	1	13
=43	=59	John McAslan + Partners	45	35	15	44
45	=74	HTA Architects	44	30	14	20
=46	=50	Ellis Williams Architects	43	39	4	26
=46	=45	Fletcher Priest Architects	43	41	2	44
=48	=56	David Chipperfield Architects	42	36	6	38
=48	=50	Wilkinson Eyre Architects	42	39	3	12
=50	=45	DLG Architects	41	41	0	24
=50	=47	Squire and Partners	41	40	1	22

NUMBER OF QUALIFIED UK ARCHITECTS: POSITION 50-100

2005	2004	COMPANY/PRACTICE	UK ARCHITECTS 2005	UK ARCHITECTS 2004	CHANGE IN POSITION	% OF FEMALE ARCHITECTS
=50	=33	TPS Consult	41	52	-11	22
=53	=54	Purcell Miller Tritton	40	37	3	28
=53	=47	Farrells	40	40	0	15
=53	=66	Wimberly Allison Tong & Goo	40	33	7	28
=56	=47	Devereux Architects	39	40	-1	23
=56	=66	HLM Architects	39	33	6	13
=56	=74	NPS Property Consultants	39	30	0	8
=59	=52	Donald Insall Associates	38	38	0	26
=59	=59	Hawkins\Brown	38	35	3	45
=59	New	Jacobs	38	-	-	21
=59	=41	Stephen George & Partners	38	44	-6	11
=63	=94	Architects Co-Partnership	37	23	14	N/A
=63	40	Cooper Cromar	37	46	-9	11
=63	New	DLA Architecture	37	-	4	16
=63	=54	Hopkins Architects	37	37	0	43
=63	=81	Levitt Bernstein	37	28	9	32
=63	=66	Penoyre & Prasad	37	33	4	38
=63	=94	SOM	37	23	14	46
=70	=56	Barton Willmore	36	36	0	19
=70	=63	Bond Bryan Architects	36	34	2	14
=72	=70	GHM Consultancy Group	35	32	3	17
=72	=92	Lyons Sleeman Hoare	35	24	11	14
=72	73	Taylor Young	35	31	4	14
=72	=59	The Parr Partnership	35	35	0	20
=72	=70	YRM Architects	35	32	3	20
=77	=74	Holder Mathias Architects	33	30	3	18
=77	=59	R H Partnership Architects	33	35	-2	15
=77	=87	S&P	33	26	7	6
=80	=70	Hadfield Cawkwell Davidson	32	32	0	19
=80	=90	Michael Laird Architects	32	25	7	25
=80	New	RTKL-UK	32	-	1	16
=83	=83	Feilden + Mawson	31	27	4	19
=83	=63	Jestico + Whiles	31	34	-3	23
=85	New	CPMG Architects	30	-	7	13
=85	New	Holmes Partnership	30	-	-	N/A
=85	43	Ruddle Wilkinson	30	43	-13	17
=85	New	The Tooley & Foster Partnership	30	-	0	23
=89	=81	AWW Architects	29	28	1	21
=89	=63	Grimshaw	29	34	-5	31
=89	=66	Sidell Gibson Architects	29	33	-4	21
=89	New	Stock Woolstencroft	29	-	3	31
=93	New	Assael Architecture	28	-	9	25
=93	=79	John Thompson & Partners	28	29	-1	21
=93	New	Powell Dobson	28	-	5	21
=96	=83	Acanthus LW Architects	27	27	0	30
=96	=83	Gensler	27	27	0	30
=96	New	HKR Architects	27	-	21	15
=96	New	Make	27	-	11	22
=100	=87	ORMS Designers & Architects	26	26	0	19
=100	-	Pozzoni Design Group	26	-	3	15

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SCHÜCO

01 / BDP INTERNATIONAL

Last year: 01

Number of architects: 281

Female architects: 22%

The gap is growing. BDP's astonishing run of form at the head of architecture's top table is once again unchallenged. The only difference this year is that the perennial number one is pulling away. In the last 12 months, the Building Design Partnership has recruited an extraordinary 40 more architects. This in a year in which the seemingly endless stream of public-sector work has begun to slow down. One could have predicted that the government's well-publicised moratorium on health PFI schemes might have damaged BDP's fortunes, but not so. The secret? According to chairman Nick Terry it lies in both a successful diversification strategy and, wait for the soundbite, 'designing a good practice structure'. There you have it.

Below: Perth Concert Hall



DAVID BARBOUR/BDP

02 / AEDAS

Last year: 04

Number of architects: 190

Female architects: 23%

A busy year for Aedas, which has edged into second place. The international figures (*see page 86*) do not take account of the recent coming together with New York practice Davis Brody Bond, which was announced at MIPIM this year and represents Aedas' first US venture. Last year the practice opened offices in Dubai, Kazakhstan, India and China. It also launched a new operation in Warsaw to service clients in Central and Eastern Europe. Aedas employs more than 1,350 staff in 21 offices in the UK, Central and Eastern Europe, North America and the Middle East and Asia.

Below: Dancing Tower, Abu Dhabi



=03 / FOSTER AND PARTNERS

Last year: 03

Number of architects: 175

Female architects: 24%

The architectural Goliath had a mixed year, which kicked off with its 2004 losses being widely reported. But after a spate of new commissions – including a revamp of New Holland Island in St Petersburg – the high-profile practice has surged back into the black. Recent award-winning projects, such as the Swiss Re headquarters at 30 St Mary Axe, the Millau Viaduct, the McLaren Technology Centre – with its Stirling Prize nomination – the Sage Gateshead and Hearst Tower in New York, have enjoyed acclaim, while future projects, such as Beijing Airport, have also received praise. Lately, its operations have been streamlined by a change in internal structure, with six design groups formed to take over day-to-day project operations. This will, no doubt, make the practice's rise to global domination even more efficient.

Right: Hearst Tower, New York





=03 / NIGHTINGALE ASSOCIATES

Last year: 06

Number of architects: 175

Female architects: 34%

The Oxford-based practice just keeps on growing. Known for its healthcare work, it is also expanding into the education and science fields. Along the way it has teamed up with Make Architects on a top-secret research building for Oxford University. Other schemes include the Clinical Education Centre for the University Hospital of North Staffordshire and Keele University, one of the pilot schemes for ProCure 21, as well as the recently completed Blue Coat School in Liverpool. Meanwhile, Nightingale's South Africa studio is concentrating on new projects in Dubai and Abu Dhabi.

Below: Clinical Education Centre



CHARLOTTE WOOD

05 / CAPITA PERCY THOMAS

Last year: 07

Number of architects: 172

Female architects: 12%

Capita Percy Thomas exemplifies the process of growth under way in the UK architecture scene. In the past year, the Cardiff-based design offshoot of outsourcing giant Capita has taken on 30 architects. It has bought both Norman and Dawbarn and the Birmingham branch of architectural practice Church Lukas, and there are more purchases on the horizon. Among its projects, is completion of Grimshaw's problematic Bath Spa. Below: Opto-electronics Technology and Incubation Centre



KHALID AL-MUHARRAQI

=06 / ATKINS

Last year: 02

Number of architects: 167

Female architects: 14%

Atkins has continued its global expansion, with many of its landmark buildings across the world starting to take shape. Its Durrat Al Bahrain residential and leisure resort – a sustainable seaside community – has started on site, and the practice has unveiled designs for the Bahrain World Trade Centre. In the UK, its 'floating cloud' designs were also deemed the favourite for London's new Lea Square scheme – a 17,000m² mixed-use development on the fringes of the Olympic Park.

Above: Durrat Al Bahrain

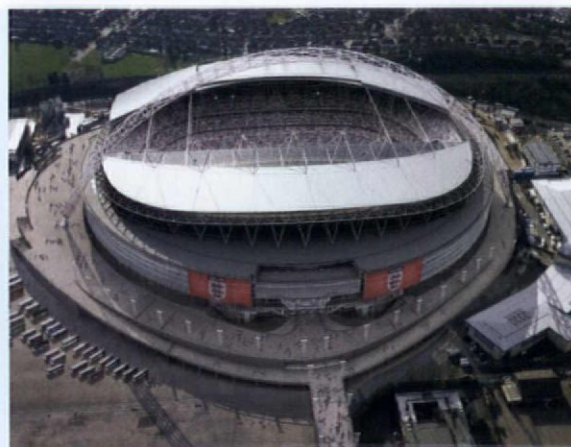
=06 / HOK/HOK SPORT

Last year: 05

Number of architects: 167

Female architects: 25%

HOK International and its sister practice, the catchily named HOK Sport + Event + Venue, have had a steady year – no mean achievement considering the two highest profile schemes associated with the practices are Wembley Stadium, which they are working on with Norman Foster, and the ever-contentious Barts and the Royal London PFI scheme in Whitechapel. With Barts finally winning the go-ahead last month and Wembley set to complete sometime soon, expect the next year to be a little calmer for HOK. Right: Wembley Stadium



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08 / PRP

Last year: 08

Number of architects: 130

Female architects: 31%

PRP's St Matthew's key-worker housing scheme in Lambeth, is the first PRPZed venture with green guru Bill Dunster. This will not be zero carbon, but will have virtually zero heating, says PRP chairman Barry Munday. He is also excited about the low-cost compact housing the practice is pioneering in Notting Hill, West London, for people on modest incomes. This will be prefabricated. Other major work includes the refit of Wembley Arena. Below: St Matthew's housing



09 / BENOY

Last year: 21

Number of architects: 117

Female architects: 18%

Benoy has powered up the charts thanks to an aggressive move into India, the Far East and the United Arab Emirates. The retail specialist is designing a 50,000m² signature scheme, known as Saket Courtyard, for one of India's foremost developers, DLF. On the strength of further business wins, it plans to open a dedicated New Delhi office. Benoy executive director Nick Lamb says: 'Overseas assignments currently represent 20 per cent of workload. This will increase by 10 per cent in 2006.' The Chinese operation continues to soar, contributing to a 50 per cent hike in Benoy's group-wide turnover. Right: St David's, Cardiff



10 / BROADWAY MALYAN

Last year: 11

Number of architects: 108

Female architects: 23%

Perennial performer Broadway Malyan has increased the size of its practice by six architects, but experienced a drop of one place. It has some fascinating projects on its communal drawing board, however. Most significantly, there's the Fourth Grace Mann Island scheme in Liverpool. Nestling behind the site of 3XN's troubled Liverpool Museum project, the mixed-use development – the most direct replacement for Alsop's 'Cloud' – is garnering high levels of local support for what could be a hugely controversial undertaking. Right: Mann Island, Liverpool



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ENQUIRY 14 ON CARD
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URBANISM AND REGENERATION



© Christoph Gebler

HAFEN CITY ONE OF THE BIGGEST MIXED USE DEVELOPMENTS IN EUROPE

Urbanism is at the core of BDP's sector focused structure. The practice's approach to urbanism brings together urban designers, town planners, architects, landscape designers, and other professionals to design major mixed-use schemes including retail, offices, leisure, transport interchanges and housing.

"Our expertise in urbanism is much in demand to help regenerate not only major cities in the UK but also around the world - in Australia, Russia, China and in mainland Europe" says BDP Chairman Nick Terry.

In Germany the masterplan for a major urban quarter on 155 hectares of harbour land is likely to change the way Hamburg works and feels – forever. Hafen City, one of the biggest mixed use developments in Europe, has been zoned into 11 districts of which the 10 hectare Überseequartier is the heart. BDP is working on this waterside quarter in association with some of the biggest architectural names in the world, Rem Koolhaas' OMA, Erick van Egeraat, NPS and Netzwerk for ING Real Estate, Groß & Partner and Bouwfonds Property Finance. The focus of BDP's work is 70,000 m² of offices and 40,000 m² of retail which will sit over a new U-Bahn station; while other elements of the urban mix will include culture, leisure, housing and a hotel. Construction is set to start in 2006, with phased completion starting in 2009.



www.bdp.co.uk

ENQUIRY 15 ON CARD
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11 / SHEPPARD ROBSON

Last year: 13

Number of architects: 101

Female architects: 25%

In March the practice's three most senior directors agreed to take early retirement and hand over control of the business to two of the firm's youngest partners – Tim Evans and Malcolm McGowan. Work by the practice's offices in London and Manchester includes Liverpool's School of Tropical Medicine's new Centre for Tropical and Infectious Diseases and taking over the BBC Broadcasting House project.

Below: Centre for Tropical and Infectious Diseases



14 / ALLIES AND MORRISON

Last year: =14

Number of architects: 90

Female architects: 30%

Allies and Morrison has had a busy year. Its masterplan for Argent at King's Cross – where it joined forces with Demetri Porphyrios – was approved in March; its 'Three Sisters' tower design won a commission from P&O in Waterloo; and its masterplan for the Olympic Park has undergone some subtle changes too. The practice also took on the task of working with Zaha Hadid to design the Architecture Foundation.

12 / REID ARCHITECTURE

Last year: 09

Number of architects: 100

Female architects: 20%

A small slip this year for Reid, which has offices in London, Birmingham and Glasgow, as well as Spain and Australia. The firm's workload continues to be dominated by large mixed-use developments and aviation projects. Among the many overseas airports in the pipeline is a new terminal in Antigua, West Indies, which should be open in time for the Cricket World Cup in 2007. Despite the loss of four architects during the last 12 months, the practice has seen growth in both its residential and healthcare work.

13 / LLEWELYN DAVIES YEANG

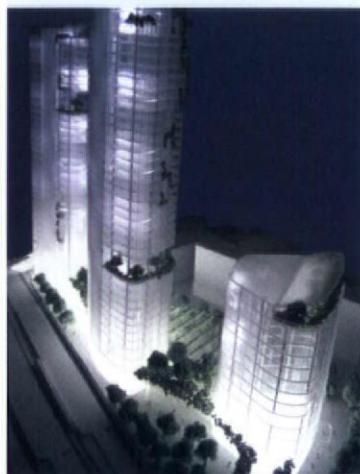
Last year: 12

Number of architects: 95

Female architects: 26%

Eco-superstar Ken Yeang's arrival at commercial giant Llewelyn Davies led to a name change and a wave of new work around the globe. The scheme that grabbed the most headlines was the practice's appointment as masterplanner for Najaf in Iraq. Others include an ecological masterplan for Lakeside and West Thurrock in the Thames Gateway. With sister offices in the US and Malaysia, the practice has more than 500 staff worldwide.

Below: Mixed-use proposal, South London



15 / CHAPMAN TAYLOR

Last year: 19

Number of architects: 76

Female architects: 21%

Despite the practice's determination to paint a different picture, Chapman Taylor is still most often associated with retail. While there is a smattering of other mixed-use schemes, the bulk of the practice's work comes from shopping centres. But that does not mean that all the projects are alike. For instance, Chapman Taylor is working on a vast neo-Georgian development in the heart of Bath.

17 / JM ARCHITECTS

Last year: =26

Number of architects: 73

Female architects: 25%

A good year for this Edinburgh-based practice, marked by the acquisition of Wheeler & Sproson Architects. Turnover has been boosted by a number of ventures into masterplanning and commercial and residential design, including a £20 million housing development at Bowness, Scotland, and City Square, Liverpool – a £20 million office complex completed in December 2005.

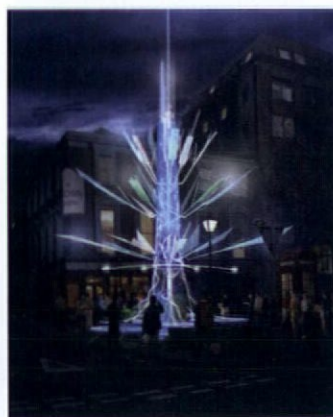
18 / AUKETT FITZROY ROBINSON

Last year: =16

Number of architects: 72

Female architects: 14%

The practice has been busy trimming the fat since the merger last year between Aukett and Fitzroy Robinson, with the result that it has posted some of its best trading figures for years. As well as selling its Dutch arm – officially called GroupA Aukett – the practice has closed its Glasgow office. Meanwhile, the business has formed a joint venture with Barcelona-based Alonso Balaguer y Arquitectos Asociados and has plans to open a third British office.



16 / AUSTIN-SMITH: LORD

Last year: =24

Number of architects: 74

Female architects: 16%

A jump of eight places reflects a busy year for Austin-Smith: Lord. Planning consent has been awarded for a 13-storey commercial building for Argent Estates opposite Manchester's Piccadilly Station. The practice is also working as executive architect on the £10 million redevelopment of the historic Bluecoat Arts Centre in Liverpool, conceived by Rotterdam-based BIQ Architecten working with Donald Insall Associates.

Above: Liverpool University sports facility

=19 / CHETWOODS

Last year: 18

Number of architects: 70

Female architects: 21%

Chetwoods' sustainable design for a 174-unit social housing scheme in Southampton picked up a Building for Life Gold Award. The practice was also awarded the Industrial/R&D Architect of the Year and Challenging Regeneration Project of the Year awards. Director Laurie Chetwood is developing 'an exciting new concept for inner cities' called Urban Oasis, the first of which will be launched in June this year.

Left: Urban Oasis development



=19 / RMJM

Last year: =14

Number of architects: 70

Female architects: 19%

In the fallout from the controversial Scottish Parliament, a number of key figures left the firm, including chief executive Brian Stewart and six other senior staff members. The practice has continued to land work overseas, including schemes in Russia, India and Qatar. In addition RMJM, which celebrates its 50th anniversary this year, is the only British architect designing a building for the 2008 Olympic Games in China.

Left: Dubai Tower, Doha

21 / RHWL ARCHITECTS

Last year: =16

Number of architects: 68

Female architects: 29%

RHWL's performance dipped slightly this year, after the practice lost four architects. Despite this, high-profile projects included completion of the Royal Bank of Scotland Headquarters in Edinburgh, and design of a 214-room hotel for Mountgrange, also in the Scottish capital. Despite a fall-off in lottery funding for the arts team, the specialist architects are still busy in London with Cameron Mackintosh, while projects for Newcastle's Northern Stage and an extension to Belfast's Grand Opera are both due for completion.

22 / KEPPIE DESIGN

Last year: 20

Number of architects: 66

Female architects: 23%

What better way of showing off your work than getting your projects printed on bank notes? Take a look at the Scottish £20 notes issued by the Clydesdale Bank and you'll see Keppie's new £30 million Exchange development in Glasgow. This currency coup was just one of the highlights for Keppie Design, whose offices in Inverness, Belfast and Manchester have expanded. Schemes completed in the last year include the Admiral Park office development in Guernsey and the new OKI production facility at Cumbernauld.

=23 / KPF

Last year: 37

Number of architects: 65

Female architects: 31%

This year KPF has cemented its international reputation, with commissions in Amsterdam, Paris, Milan and London. In London, the architect increased the height of its Heron Tower, and narrowly missed out on a further tower scheme in London's Waterloo. And the practice won the high-profile backing of CABA for its 'Helter Skelter', in the City, for foreign-owned investor DIFA, to cement its client-attracting reputation as a creator of icons.

Right: Heron Tower



=23 / STRIDE TREGLOWN

Last year: 22

Number of architects: 65

Female architects: 18%

It has been a consolidating year for Stride Treglown, with a couple more architects but a one-place drop in the charts. The practice has put its house in order: developing its internal systems; achieving Investors in People status; strengthening its student mentoring scheme; and gaining ISO 14001 environmental accreditation. An EcoHomes Excellent scheme in Somerset was recently completed by the firm. An office in Manchester is also being established.

=25 / SCOTT BROWNRIGG

Last year: =26

Number of architects: 64

Female architects: 16%

The year saw the firm recruit 22 architects at its London and Guildford offices and nail a clutch of commercial contract wins. These included an £8 million revamp of the Hippodrome in London's Leicester Square. Education is core to Scott Brownrigg, with projects such as Kent Schools PFI, Ruislip High School, Hillingdon, and University of Westminster's new teaching blocks contributing to an estimated 20 per cent increase in profits.

Below: Hippodrome, Leicester Square



27 / PASCALL + WATSON

Last year: 36

Number of architects: 63

Female architects: 8%

Pascall + Watson Architects started its 50th year with a flourish: a party for 168 staff; news of its continued expansion (reflected by the launch of a new coffee-table book); the culling of 'troublesome' clients; and a surge up the table by nine places. On the project front, the practice won significant design commissions for the new terminal and pier at Dublin Airport; an interim terminal and pier at Abu Dhabi; and two new terminals in Cyprus. It also completed the detailed design for Richard Rogers' Terminal 5 at Heathrow and St Pancras station. New regional offices have been opened in Ireland and Manchester.



=25 / SWANKE HAYDEN CONNELL ARCHITECTS

Last year: =24

Number of architects: 64

Female architects: 20%

The Sheffield and London offices of the international firm have grown modestly over the past 12 months. Diversifying from mostly office projects seems to be paying off, with healthcare, commercial and education now providing two-thirds of turnover. The first PFI commission, a £300 million healthcare scheme, achieved financial close last year. In education, the office has a £9 million research facility for the Open University and is at the initial design stage for a City Academy in Coventry.

Above: Open University Library

28 / RYDER HKS

Last year: 31

Number of architects: 62

Female architects: 11%

Ryder HKS, which, with 62 architects, has climbed three places, works around the world in some seriously odd places, as well as taking the British architectural scene very seriously. The strangest commission this Newcastle- and London-based firm undertook in 2005 must be a £20 million education bundle made up of two kindergartens, two primary schools and a mixed secondary school. What's weird about that? They are in Kurdistan, northern Iraq. The practice is working with its US partner HKS – one of the largest firms in the world – on this rather risky undertaking.



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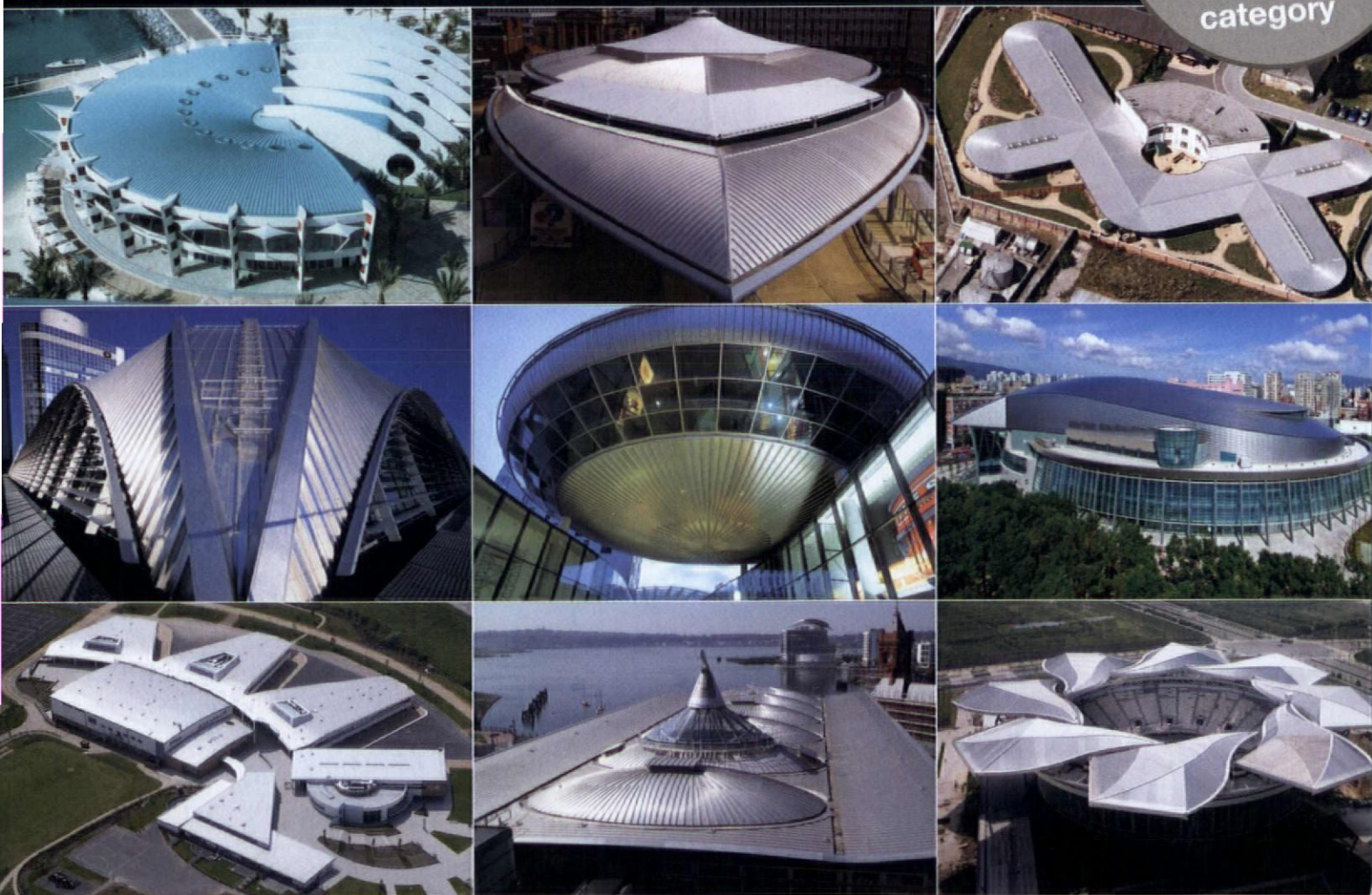
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29 / LEWIS & HICKEY

Last year: =74

Number of architects: 61

Female architects: 8%

After crashing from 26th place in 2004 to 74th last year, Lewis & Hickey is one of the highest climbers. So what's behind this meteoric rise? Partly, it's down to a rebrand, claims group chief executive Paul Miele. But the practice also secured the £82 million Westfield, Guildford Friary Centre; the £28 million Heathrow South cargo terminal; and a £32 million revamp of Edinburgh University's central library.

=31 / RPS GROUP

Last year: =29

Number of architects: 57

Female architects: 12%

Very little has changed at RPS Group, which has slipped just two places on last year and has maintained the same number of architects – 57 – for three years running. Arguably the highlight of 2006 (so far) is the purchase of Australian-based Ecos, which specialises in environmental consultancy services to the energy and minerals industries. This year the firm achieved a 32 per cent increase in pre-tax profit, powered mainly by the energy sector.



JOSE LASHERAS

30 / FEILDEN CLEGG BRADLEY ARCHITECTS

Last year: 23

Number of architects: 59

Female architects: 32%

Feilden Clegg Bradley continues to break new ground in terms of sustainable architecture. Its Arcadia development in Cambridge for Countryside Properties has been hailed as an exemplar for future housing projects. The office's specialisation in school projects also reaped dividends with Haverstock School, along with city academies in Northampton and Bristol.

Left: Northampton Academy

=31 / TP BENNETT

Last year: 28

Number of architects: 57

Female architects: 18%

In December 2005 the practice followed a number of others in converting from a partnership to an LLP. As a result, the original membership of six partners has expanded to include 21 others at director and project-director level. Schemes starting on site include the redevelopment of the Guildhall North Block for the Corporation of London, the fifth building for Microsoft at Thames Valley Park, and the 30,000m² fit-out of IPC Media's new headquarters at Bankside 123.



33 / HAMILTON ASSOCIATES

Last year: =29

Number of architects: 55

Female architects: 13%

Hamiltons started this year with a number of major planning applications focusing on sustainable design. Its year has been mainly static, with no net loss of architects. The practice's commitment to sustainability is evident in its proposals for Castle House, a 147m-tall residential tower, complete with three integrated rooftop wind turbines, that was approved by Southwark council in March.

Hamiltons is now developing projects in the arts and cultural sectors. Left: Castle House, Elephant and Castle

=34 / ARCHITECTS DESIGN PARTNERSHIP

Last year: =33
Number of architects: 54
Female architects: 37%

ADP is down one place from last year, but up two places on 2004. It has been appointed to design a £20 million academic building in Canterbury. The win is especially satisfying because the project was scrapped three times over the last 12 months. If approved later this year, it will involve the demolition of an unlisted 1960s office building sited in a conservation area.

=36 / ANSHEN DYER

Last year: 10
Number of architects: 52
Female architects: 27%

Anshen Dyer's apparently dramatic drop in size in fact reflects a change in the way this Anglo-American healthcare specialist audits its staff. The practice still has one of the largest portfolios of PFI hospitals in the UK. Projects completed during the last year include phase one of the redevelopment of Great Ormond Street hospital.

=36 / ROLFE JUDD

Last year: =33
Number of architects: 52
Female architects: 19%

Another three-place slip for Rolfe Judd, whose proposed refit of a swathe of London's Lime Street was panned by English Heritage in February 2006. The firm is to revamp Richard Seifert's iconic Centre Point complex, and has been chosen to carry out a major internal refurbishment of the 32-storey London skyscraper. A stone's throw due east, the practice has designed 40 Holborn Viaduct – a speculative office complex on the site of the former DeBeers HQ building.

=34 / POLLARD THOMAS EDWARDS ARCHITECTS

Last year: 32
Number of architects: 54
Female architects: 52%

This year the practice has opened its second satellite office – in Brighton. This is part of an expansion for the practice from urban work to suburban and rural projects. Among these is a still-confidential scheme for the creation of a new village. In 2005, PTE published a book on its work. Completions included a residential scheme above a school for St Jude's and St Paul's in Islington, London, and the conversion of Crown Wharf Ironworks in East London into live/work units.

Below: St Jude's and St Paul's, Islington, London



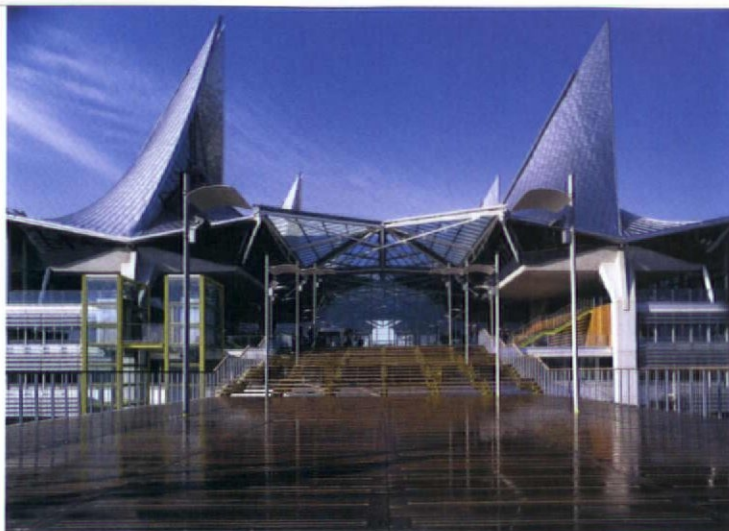
38 / CAREY JONES

Last year: =38
Number of architects: 51
Female architects: 12%

The firm has a range of schemes on its books, from a £300,000 art-gallery extension in Newcastle to a \$70 million (£40 million) casino interior in Florida. Other big projects include the Clarence Dock development in Leeds, the mixed-use Paragon scheme in Brentford, and a number of collaborations with Make Architects.

Below: Leeds University Innovation Hub





GRANT SMITH

39 / RICHARD ROGERS PARTNERSHIP

Last year: =38

Number of architects: 49

Female architects: 24%

The Richard Rogers Partnership has, in purely AJ100 terms, had a rather dull year. With a one-place change in its ranking, the practice has gained two architects. Away from the stats, however, it's a different story. Winning the vast extension to the Javits Conference Centre in New York is fascinating in itself, but then the firm's principal nearly lost the job because of his Palestinian sympathies. Furthermore, RRP has two of the best young-ish designers around, in Graham Stirk and Ivan Harbour, and it is rumoured that Rogers has rediscovered his love of design work. Above: Antwerp's new law courts

=41 / 3D ARCHITECTS

Last year: N/A

Number of architects: 46

Female architects: 24%

This practice has romped into the AJ100's middle ground. A management-buyout team took the helm from founding director David Young in April 2005. The year also witnessed the launch of a London operation led by former Reid Architecture director, Mark Taylor. Its robust entry into the AJ100 reflects an energetic performance in the commercial market. Among the workload completed in 2005 is 40 Prince's Street, a £13 million mixed-use development in the heart of Edinburgh's World Heritage site. Meanwhile, its rolling contract with WM Morrison saw the completion of a £15.4 million flagship Glasgow store.

40 / CDA

Last year: 44

Number of architects: 48

Female architects: 8%

Otherwise known as Comprehensive Design Architects, CDA made its first foray into PFI education in 2005, heralding a watershed for the Edinburgh-based retail specialist. The scheme in question is a £17 million cluster of primary schools for North Lanarkshire Council, for which CDA is collaborating with Aedas and BMJ. CDA director Michael Anavi insists the company's strategic focus remains in retail. This commitment is illustrated by a new £30 million HQ for Littlewoods in Speke, Liverpool.

Below: Skyways, Littlewoods' HQ



=41 / HUNTER AND PARTNERS

Last year: =52

Number of architects: 46

Female architects: 13%

Climbing 11 places since last year, Hunter and Partners continues its ascent up the table, gaining eight architects over the past 12 months. The London- and West Sussex-based practice has benefited from the boom in residential, education and healthcare projects in the public sector, from where it gets up to 70 per cent of its work. The firm is looking forward to a buoyant year, hoping for a large involvement in the Olympic Way Wembley.

=43 / CHARTER CONSULTANT ARCHITECTS

Last year: =41
Number of architects: 45
Female architects: 13%

This Bedford-based outfit recruited just two architects in 2005. That said, CCA has relocated its London HQ to bigger premises and extended its Bournemouth site by a third. Last year saw the firm win a commendation from the Design Commission for Wales for its Wood Street project in Cardiff – a £40 million office tower neighbouring the Millennium stadium. The practice also secured a £40 million refurbishment at South Thames College, London.



=46 / ELLIS WILLIAMS

Last year: =50
Number of architects: 43
Female architects: 26%

Educational specialist Ellis Williams scooped a regional award from the RIBA for the £8.5 million Longley Park Sixth-Form College in Sheffield, and the SCALA award for the £13 million Lilian Baylis School in Lambeth. Rising three places, the practice is predicting an exciting year ahead with 'income set to jump by 35 per cent'. The firm is also on the winning teams for Ealing Schools PFI, Northampton PFI, Manchester Frameworks 1+2, and most recently Lancashire BSF. Above: Didcot Art Centre

=43 / JOHN MCASLAN AND PARTNERS

Last year: =59
Number of architects: 45
Female architects: 44%

John McAslan has around £1.5 billion worth of projects on the boards or on site at the moment, ranging from major transportation commissions (King's Cross Station and Birmingham New Street Station); to the Roundhouse in Camden Town; to the new engineering block at Southampton University; and the Student Centre at the University of Manchester. Overseas commissions include two large masterplanning commissions in Moscow.

45 / HTA ARCHITECTS

Last year: =74
Number of architects: 44
Female architects: 20%

A period of considerable growth for HTA – the practice is 29 places higher than its 2005 position. The workforce has almost doubled, extra office space has been taken on, and turnover and profit have increased. Highly praised by CABE, the practice's entry for the ODPM's £60K house competition will be built at schemes in Leeds and Northampton. HTA has also recently won the Housing Design Award for Affordable Housing.

=46 / FLETCHER PRIEST

Last year: =45
Number of architects: 43
Female architects: 44%

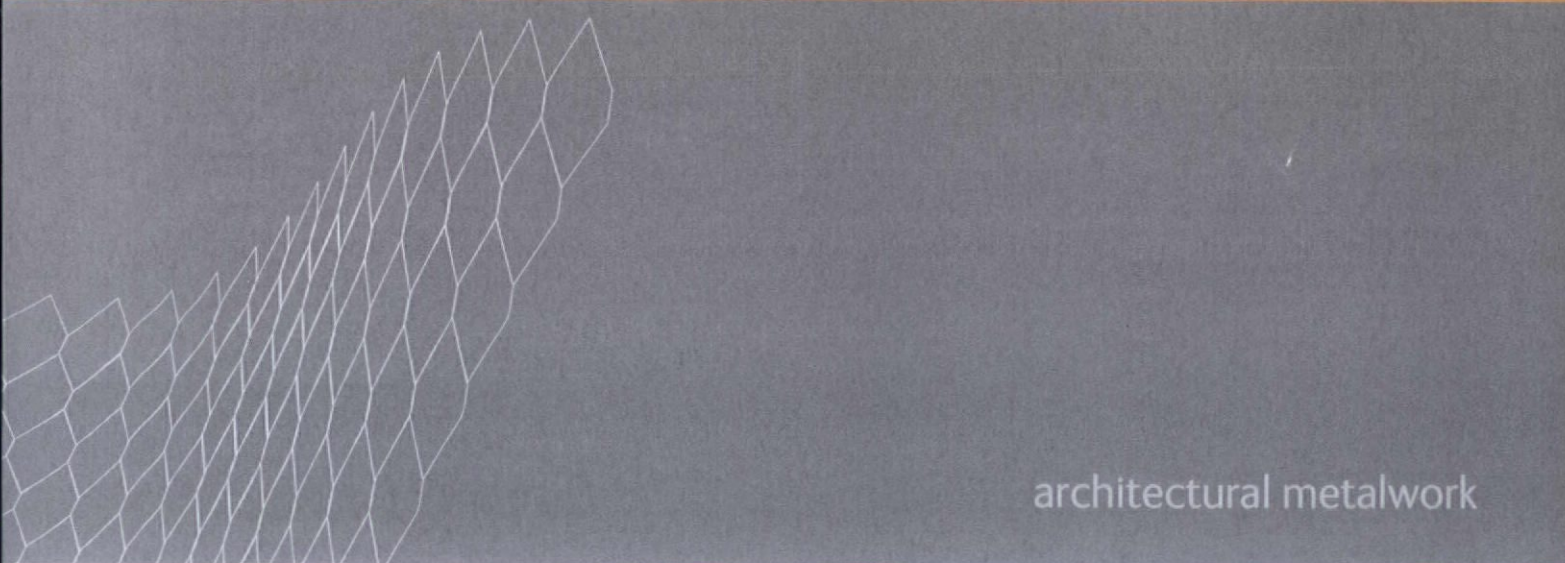
There was good news at the end of 2005, when the practice's masterplan for Stratford City with Arup Associates was saved, after fears that it might be a victim of the Olympics. On the Thames, Fletcher Priest has won planning permission to replace Mondial House. And in Newcastle, it is refurbishing the country's last newsreel cinema. It has completed an office in Eastbourne Terrace, London, for Land Securities, powered by geothermal energy. Right: Sedley Place, London



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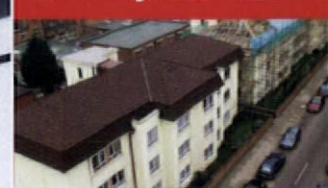
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=48 / DAVID CHIPPERFIELD

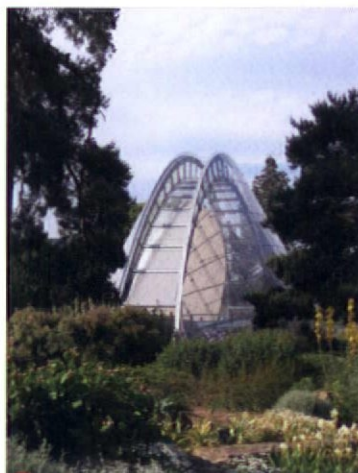
Last year: =56

Number of architects: 42

Female architects: 38%

The practice has just celebrated 20 years of outstanding work with a major retrospective exhibition in Padua, Italy. The big disappointment of the year was losing control of the BBC Glasgow project to Keppie Design. Blockbuster projects completed over the past year include the Figge Art Museum in Iowa, USA and the Museum of Modern Literature in Marbach am Neckar, Germany. Current projects include the San Michele Cemetery in Venice.

Below: Museum of Modern Literature



=48 / WILKINSON EYRE

Last year: =50

Number of architects: 42

Female architects: 12%

The highest-profile project this year has been one of the smallest; the Alpine House at Kew Gardens. In contrast, construction of the Guangzhou West tower in China, the fourth-tallest tower in the world, started at the end of 2005. Bread-and-butter projects include City and Islington College's Centre for Business, Art and Technology, which opened in January. The practice moved into YRM's former offices in Clerkenwell. Stafford Critchlow has become a director, and associate director Martin Knight left to set up on his own. Left: Alpine House, Kew



JORG VON BRUCHHAUSEN

=50 / DLG ARCHITECTS

Last year: =45

Number of architects: 41

Female architects: 24%

Having completed work on Cavendish House in Leeds and a refurbishment for the London College of Fashion, the 33-year old practice has recently relaunched its brand. The Leeds and London offices are gearing up for a busy year ahead, with a handful of major urban projects. Quarry Hill, a mixed-use development for a 3ha site in Leeds city centre, is about to go on site, and a similar scheme is in the pipeline for the Waterfront Quarter in Huddersfield.

=50 / SQUIRE AND PARTNERS

Last year: =47

Number of architects: 41

Female architects: 22%

Squire and Partners began the year with a competition win and planning consent to design the headquarters and flagship store for Reiss clothing. In May, the practice took second place in a competition to design a new state library in Guadalajara, Mexico. Over the past year, the office has achieved consents for several high-rise projects in and around London.

Below: Design for state library, Guadalajara



=50 / TPS CONSULT

Last year: =33

Number of architects: 41

Female architects: 22%

In autumn 2005, Malcolm Cook, previously director of architecture at Marks Barfield Architects, took the architectural helm at TPS Consult, part of construction behemoth Carillion. The company has partnering at its core, working with other architects – such as Richard Rogers at Madrid's Barajas Airport and Heathrow Terminal Five. With high security clearance, many projects stay under wraps, but prison work is a large strand, and TPS is also refurbishing army accommodation. Cook has brought in work on the London Underground, at Euston and Leicester Square.



DANIEL HOPKINSON

=53 / FARRELLS

Last year: =47

Number of architects: 40

Female architects: 15%

Farrells' mid-table ranking has dipped slightly this year, despite the practice retaining roughly the same staff and winning some high-profile victories. The best news of the year for the firm came when its Lots Road power station conversion in Chelsea finally won the green light after being called in by the Deputy Prime Minister. However, there was also bad news, when Farrell walked away from one of the practice's most contentious schemes in years – South Kensington Underground Station.

Left: Green Building, Manchester

=53 / PURCELL MILLER TRITTON

Last year: =54

Number of architects: 40

Female architects: 28%

Highly respected as a conservation practice, Purcell Miller Tritton is expanding into an element of new build, but only using traditional materials in historic contexts. It has opened offices in Sheffield and York in the past year. The highest-profile scheme at present is a feasibility study for conservation work at Battersea Power Station in London. The Georgian Group gave the practice an award for its work on Hawksmoor's Christ Church Spitalfields.



=53 / WIMBERLY ALLISON TONG AND GOO

Last year: =66

Number of architects: 40

Female architects: 28%

It has been a great year for WATG, climbing 13 places in the table. Reviewing the portfolio, senior vice-president Tom Russell says: 'It's been a mixed bag' – which includes 'a couple of palaces'. The recently completed \$2 billion (£1.1 billion) Emirates Palace in Abu Dhabi has helped drive the growth of the practice, which has recently moved from design-only to full-service work. It hopes to establish London sub-offices in Oman and Egypt.

Above: Emirates Palace



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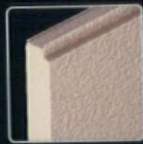
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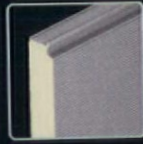
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=56 / DEVEREUX ARCHITECTS

Last year: =47

Number of architects: 39

Female architects: 23%

Devereux recently formed an LLP with practice Lacey Hickie Cayley in south-west England to help with a growing number of projects in the region. Healthcare schemes played an important role in the last year. Over the next 12 months the firm is hoping to expand its work in the Middle East.

=56 / NPS PROPERTY CONSULTANTS

Last year: =74

Number of architects: 39

Female architects: 8%

In last year's AJ100 NPS' bosses pledged to increase architects at this multi-disciplinary practice to 55 within 12 months. The firm has not achieved this aim, but has still leapt 18 places up the table. The practice has also scooped the Norfolk Association of Architects' craftsmanship award for Cavell First and Nursery School – a £1.5 million school in Lakenham, Norwich, built in partnership with JS Hay.

=56 / HLM ARCHITECTS

Last year: =66

Number of architects: 39

Female architects: 13%

Passion, innovation and inspiration – these were the superlatives bestowed on HLM Architects by the *Sunday Times*, which voted the firm one of the UK's best employers. The practice certainly appears to be growing, as does its awards cabinet. Last year saw the office secure a high commendation in the Building Quality Awards for its Andrew Huxley building. It has also climbed 10 places in the AJ100. Other diary entries for 2005 included the opening of a larger, brighter Belfast office and a £15 million contract to centralise Guildford School of Acting's disparate buildings into a single campus.

=59 / DONALD INSALL ASSOCIATES

Last year: =52

Number of architects: 38

Female architects: 26%

Seen as a conservation practice, Insall is also working on new private houses, and has a large new accommodation building at Gonville and Caius College, Cambridge, on site. Highest-profile project this year was the Battle of Britain Monument on the Thames Embankment.

Below: Battle of Britain Monument



=59 / HAWKINS\BROWN

Last year: =59

Number of architects: 38

Female architects: 45%

The practice has completed a 208-unit key-worker housing scheme in Surrey and smaller projects, such as the Dalston Culture House and The Roald Dahl Museum and Story Centre, shortlisted for the Gulbenkian Prize. It has also won commissions including the Nottingham Art Exchange. Planning applications for Sheffield's Park Hill Estate and the Bottle Store in Stockwell Green have been submitted recently.

Above: Art Exchange, Nottingham

=59 / JACOBS ARCHITECTURE

Last year: N/A

Number of architects: 38

Female architects: 21%

On the strength of a new three-year deal with Leeds City Council, Jacobs has cut the ribbon on a satellite office in the city centre. Among the current workload is Prestwick Airport's £60 million air-traffic-control centre and the £65 million Diamond Synchrotron in Oxfordshire. Significant projects completed in 2005 include the £35 million Conwy Schools PFI and the Exeter Crown and County Courts. Right: Conwy School



=63 / ARCHITECTS CO-PARTNERSHIP

Last year: =94

Number of architects: 37

Female architects: N/A

After a spurt of aggressive growth between 2003 and 2004, in which turnover doubled, Hertfordshire-based ACP is consolidating, and does not expect to grow by more than 5 per cent in 2006. Its Bishop Park College project won RIBA East's 2005 Spirit of Ingenuity award. Away from education, it has designed a £5 million HQ for Signature Flight at Luton airport, and a £4 million apartment complex at Shanklin, Isle of Wight, is now on site. Below: Signature Flight HQ, Luton Airport



=59 / STEPHEN GEORGE & PARTNERS

Last year: =41

Number of architects: 38

Female architects: 11%

Stephen George & Partners' mantra is 'encouraging creativity'. Sadly, the upbeat rhetoric has not prevented an 18-place drop for the firm in this year's AJ100. However, it's not all doom and gloom for the Midlands-based operation, which recently unveiled a Solihull office. According to partner Michael Barker, the practice is engaged in a raft of 'exciting major projects'. These include Dickens Heath urban village, Solihull; a regional control centre for the Highways Agency; and a major planned project for a technical centre for Peugeot Citroën in Coventry.

=63 / COOPER CROMAR

Last year: 40

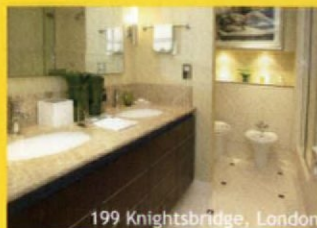
Number of architects: 37

Female architects: 11%

A disappointing year for Glasgow- and Edinburgh-based practice Cooper Cromar, which slipped nearly 25 places down the league table. It has nine fewer architects than last year's tally, but still employs more than 100 people. Projects that received planning but didn't go ahead caused a 'blip in turnover in Edinburgh' says partner Alan Stark. There are a number of schemes currently finishing off around Glasgow, such as office developments Aurora and City Park, and riverside residential schemes Lancefield Quay and Glasgow Harbour. With lots of projects coming in, the practice is confident about the next 12 months.

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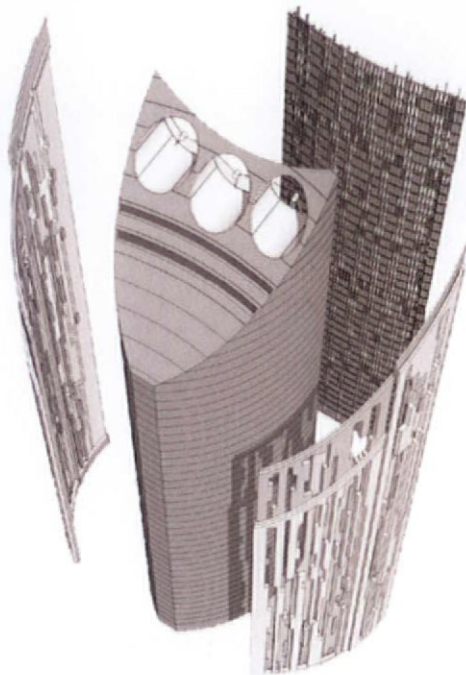
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=63 / HOPKINS ARCHITECTS

Last year: =54
Number of architects: 37
Female architects: 43%

Hopkins Architects' shortlisted scheme for the British Antarctic Survey is featured on Royal Mail stamps for the British Antarctic Territory. Yet it's possible the practice would have preferred not to be beaten in the competition by Hugh Broughton. In a more temperate climate, the office and academic accommodation proposal for the University of Brighton was given planning permission at the beginning of the year, as was its planned £72 million transformation of the gateway to Hastings Station. Above: Evelina Children's Hospital, London

=63 / PENOYRE + PRASAD

Last year: =66
Number of architects: 37
Female architects: 38%

Over the last year, Penoyre & Prasad has completed seven major projects across Belfast, Bristol, Sheffield and London. Schools and healthcare remain key sectors, with an increasing share of general-needs and Extracare housing. The practice prides itself on bringing high design quality to a variety of procurement routes. Its first PFI school, in Croydon, opened in April, and the Moorfields Children's Eye Hospital is due to open in the autumn.

Right: The Arches Centre, Belfast



DENNIS GILBERT/VIEW

=63 / DLA ARCHITECTURE

Last year: New
Number of architects: 37
Female architects: 16%

A fine start to 2006 for this multidisciplinary practice, whose services embrace architecture, interiors, landscaping, urban design and graphics. Not only is DLA a new entrant to the AJ100, its designs for the £100 million Brewery Wharf, in Leeds city centre, swept the board at the city's architecture awards in 2005. Other notable projects include the £40 million Doncaster Education City and a £6 million office development at Humber Quays, Hull.

=63 / LEVITT BERNSTEIN

Last year: =81
Number of architects: 37
Female architects: 32%

All good things are worth waiting for. Which is just as well for David Levitt, of Levitt Bernstein, who returned to the Brunswick Centre in London's Bloomsbury to reconfigure the controversial and much maligned Grade II-listed housing and retail complex he helped design in the 1960s. The £20 million project will, hopefully, bring a denouement to the saga of the concrete colossus. In the meantime, Levitt Bernstein can enjoy the instant acclaim of the AJ100, which shows the firm has climbed 18 places on last year's tables.

=63 / SOM

Last year: =94

Number of architects: 37

Female architects: 46%

Current work for this UK branch of the American giant includes British Land's Ludgate West, 201 Bishopsgate and the Broadgate Tower. SOM's designs for London residential towers Pan Peninsula at Millharbour and Ontario Tower at New Providence Wharf are under construction, while work is also starting on the mixed-use development at Crossharbour. On the planning side, projects range from Leamouth Peninsula in London for Ballymore to a national plan for the Kingdom of Bahrain.

=70 / BARTON WILLMORE

Last year: =56

Number of architects: 36

Female architects: 19%

Life is a game of snakes and ladders for Barton Willmore, which climbed 10 places to 56 last year, only to fall back to 70th place in 2006. The practice is carving out a reputation for urban regeneration, notably at Vauxhall Tower at St George's Wharf, London. Its £40 million vision for north Solihull was given the green light in June. At the heart of the scheme lies Chelmsley Wood Shopping Centre, built in the 70s, which will be comprehensively upgraded.



=70 / BOND BRYAN ARCHITECTS

Last year: =63

Number of architects: 36

Female architects: 14%

A drop of seven places for the Sheffield practice – a surprise, as the firm has taken on two extra architects since the last AJ100. The practice recently finished its Matthew Boulton College project in Birmingham and its Bio Incubator for Sheffield University. Current designs include the £50 million York College project and Sheffield Sun Casino. Left: Sheffield Sun Casino and Hotel

=72 / GHM CONSULTANCY GROUP

Last year: =70

Number of architects: 35

Female architects: 17%

GHM Consultancy Group's architectural arm, GHM Rock Townsend, combined with FaulknerBrowns and Sarah Wigglesworth Architects to launch Mentor, a new force in PFI school design. The trio is championing design excellence and sustainability in the Building Schools for the Future initiative. GHM was also shortlisted for the UK housing awards.

=72 / LYONS SLEEMAN HOARE

Last year: =92

Number of architects: 35

Female architects: 14%

A 20-place leap for this practice – joint 92nd last year and 82nd in 2004. Despite efforts to break away from retail architecture, shops remain LSH's bread and butter. But there's plenty to smile about, including a £150 million redevelopment of Galway shopping centre and a similar project at Whitefriars shopping complex, Canterbury. Flexi-time, including three-day weekends, has been introduced, just in time for summer.

Right: Covent Garden refurbishment



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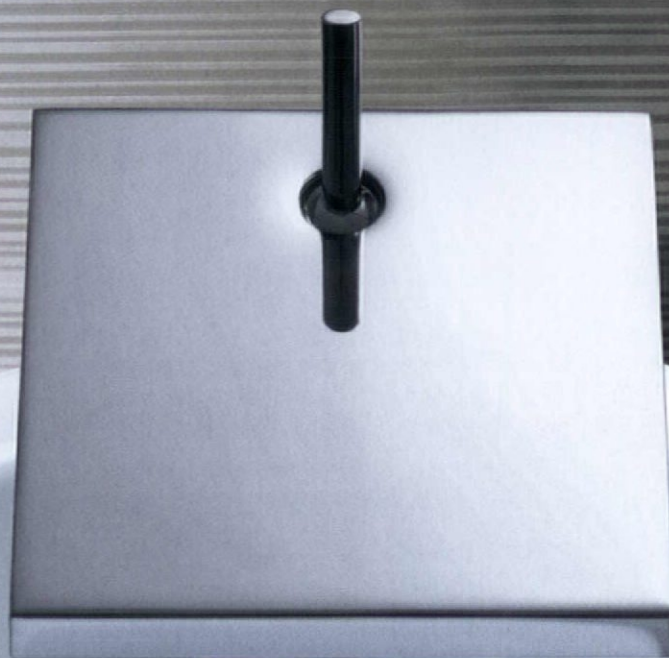
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=72 / TAYLOR YOUNG

Last year: 73

Number of architects: 35

Female architects: 14%

A fractional step up the league table for this Cheshire practice – disappointing against last year's 11-place jump. The year was characterised by further incursions into regeneration, education, commercial, housing and secure facilities. Projects expected to keep the firm busy in the coming 12 months include the refurbishment of Ashton market hall and square, ravaged by fire in 2005, and a £25 million reworking of Bolton University, which includes a £6 million design centre.

=72 / THE PARR PARTNERSHIP

Last year: =59

Number of architects: 35

Female architects: 20%

The Parr Partnership toasts its golden jubilee this year. And it has plenty to celebrate. The aviation specialist remains the only practice outside London to be included in BAA's fleet of preferred architects (alongside Foster & Partners, Grimshaw, Reid Architecture and Ruddle Wilkinson). Meanwhile, its Birmingham arm has moved to bigger premises after securing further design contracts at Birmingham Airport. Education is another big earner. It has been named preferred bidder on Dundee's PFI schools programme and has a £20 million deal to refurbish Borders College, in Galashiels, Scotland.

=72 / YRM

Last year: =70

Number of architects: 35

Female architects: 20%

The big change for YRM has been the move, in September last year, to a refurbished Victorian industrial building in King's Cross. The move was driven by YRM Chairman Jonathan Gray's belief that vertical communication doesn't work, and follows a search for a London space capable of accommodating the staff on one floor. Gray predicts it will need to move again in about eight years.

Below: The YRM office



=77 / HOLDER MATHIAS

Last year: =74

Number of architects: 33

Female architects: 18%

Projects winning planning permission last year included two residential developments for Westmark: Port Marine in Portishead and Red House, Cardiff Bay – both start on site in April 2006. The firm has built a solid relationship with holiday village developer Center Parcs, and last year designed its fifth complex – at Warren Wood, near Woburn. This £60 million project will boast a leisure pool, sports hall, hotel, spa and restaurants. All being well, work will start this year, with completion scheduled in 2008.

Above: Red House, Cardiff Bay



=77 / RH PARTNERSHIP

Last year: =59

Number of architects: 33

Female architects: 15%

Education remains key, although housing, notably a £30 million affordable contract in Gibraltar for Haymills, is swelling its coffers. Turnover in 2005 was shy of £2.5 million. The practice continues to lead a £6 million restoration of Denys Lasdun's iconic ziggurat student accommodation at the University of East Anglia. Over at Cambridge University, work has begun on an £11.3 million student accommodation complex at Trinity Hall. RHP has also designed a £5 million mixed-use scheme for Baxter's Quarter, Lewes, East Sussex.

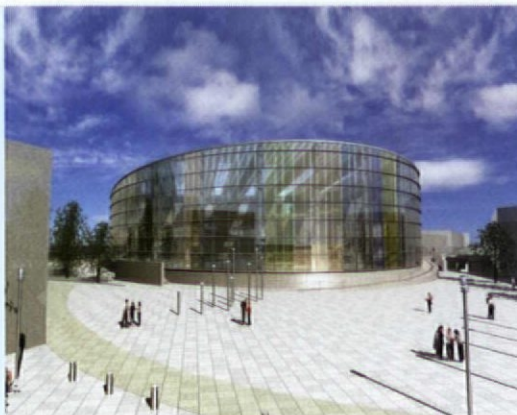
=77 / S&P

Last year: =87

Number of architects: 33

Female architects: 6%

Advancing eight places, S&P has buddied up with Farrells on a leisure centre in Swiss Cottage and is working with Zaha Hadid on the 2012 Olympic Aquatic Centre. The £28 million K2 Leisure Centre in Crawley was finished recently, and other sports projects are under way, such as the international 50m pool at Cardiff, the new Memorial Stadium for Bristol Rovers and a major sports village at Stirling.
Right: Cardiff pool



=80 / HADFIELD CAWKWELL DAVIDSON

Last year: =70

Number of architects: 32

Female architects: 19%

Hadfield Cawkwell Davidson has diversified considerably since it was founded in 1834. The Sheffield firm has completed several projects in the city, including a new Sainsbury's and a Boots fit-out. Nationally, two David Lloyd Health & Fitness schemes opened and student housing was finished in Sheffield and Birmingham. It is hoped the firm will regain some of the places dropped.
Left: Nelson House, Sheffield

=80 / MICHAEL LAIRD ARCHITECTS

Last year: =90

Number of architects: 32

Female architects: 25%

For Edinburgh-based Michael Laird, 2006 represents a three-year high watermark. Last year the practice was joint 90th, and before that it was 95th. The firm's steady rise through the AJ100 ranks owes much to its distinctive designs, notably the Royal Bank of Scotland's world HQ building, completed last year. The project has since scooped accolades including Scottish Enterprise's Dynamic Place prize.

=80 / RTKL

Last year: N/A

Number of architects: 32

Female architects: 16%

Russia, India, Abu Dhabi, Italy, Morocco – RTKL is a truly global multi-disciplinary heavyweight making its debut in the AJ100. Traditionally a commercial operation, RTKL has balanced its portfolio during 2005 by winning significant retail, hospitality and housing contracts. These include a £9 million British Embassy in Rabat, Morocco and the £250 million Croydon Park Place regeneration initiative for Minerva.

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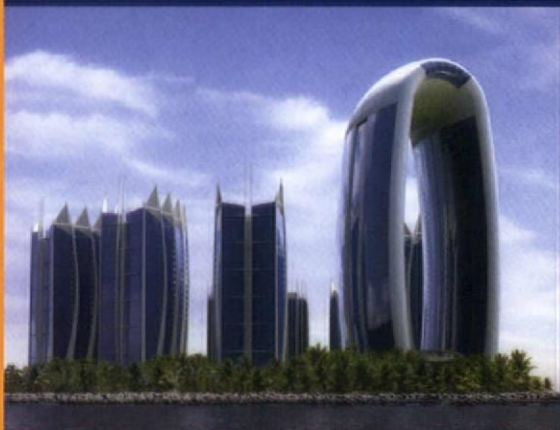
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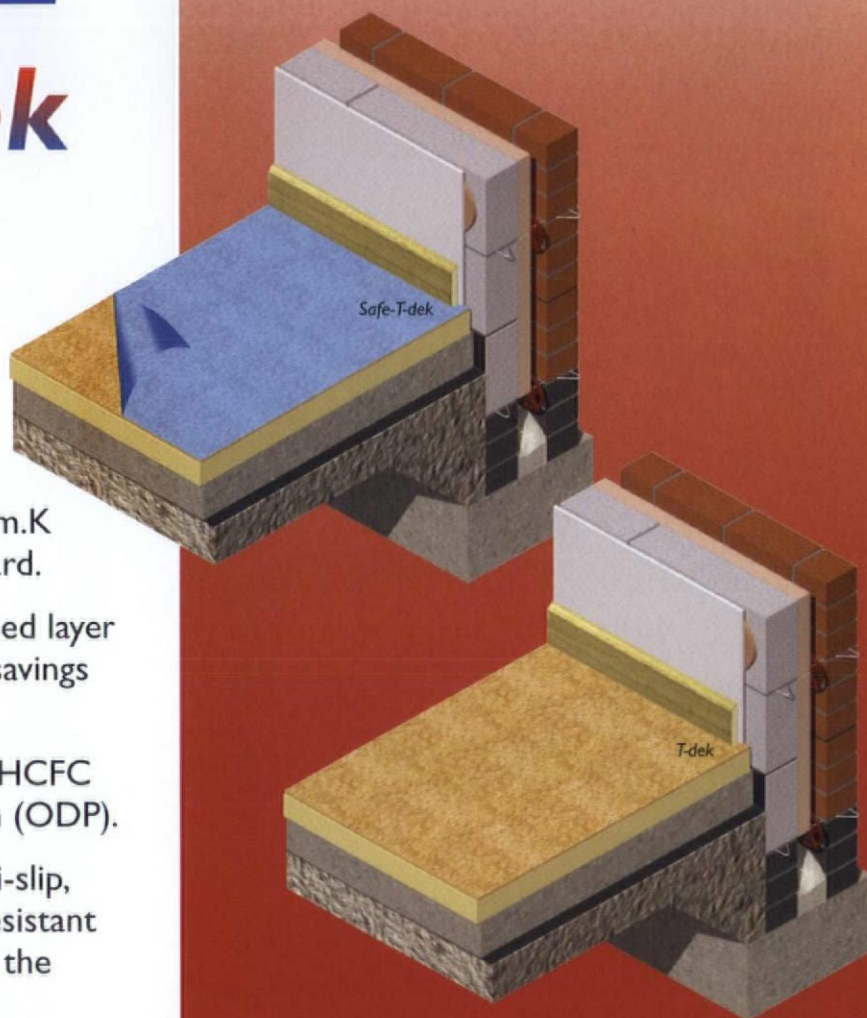
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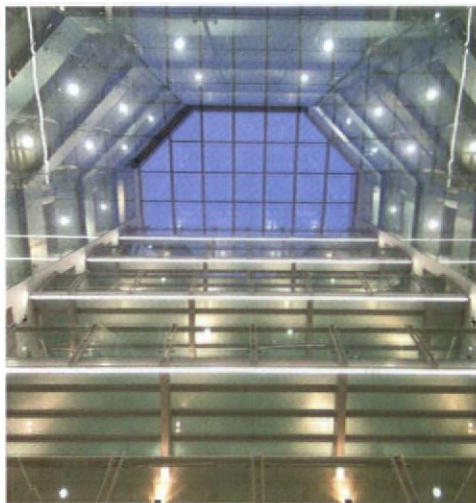


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=83 / FEILDEN + MAWSON

Last year: =83
Number of architects: 31
Female architects: 19%

Feilden + Mawson gained four architects but its ranking didn't change. It has been a period of expansion for the practice, which – in addition to offices in London, Norwich and Cambridge – opened in Prague last autumn. Growth is predicted in London housing work under the direction of new partner, Elsie Owusu. The court building sector is pretty much cornered, with Salisbury, Manchester, Hendon and Aberystwyth – and it is team leader on the Supreme Court.



=85 / CPMG

Last year: N/A
Number of architects: 30
Female architects: 13%

Nottingham-based CPMG Architects opened its first Scottish office in Glasgow last November. Highlights of the year included two wins at the RIBA Yorkshire White Rose Awards for the University of Sheffield student health centre. Projects on the go include a London HQ for Jarvis and teaching blocks for the University of Teesside. Left: Smithfield Street, London

=83 / JESTICO & WHILES

Last year: =63
Number of architects: 31
Female architects: 23%

Director Tony Ingram believes the practice is now benefiting from a reorganisation made three years ago, giving it a more open structure. It is also implementing a comprehensive training programme, covering everything from drawing skills to project management. Projects include the Woolston Riverside project in Southampton, working with Patel Taylor, and a landmark tower at the east end of the Thames Gateway, won in competition for Southend Council and Gladesdale Homes.



=85 / RUDDLE WILKINSON

Last year: 43
Number of architects: 30
Female architects: 17%

The Peterborough-based practice was dropped by Tube Lines from its London Underground station refurbishment programme. Chairman John Durancey remains ebullient, however, citing a raft of project wins, including a £40 million IKEA store in Coventry City. Royal Bank of Scotland's branch refurbishment is another project, and it is preferred architect for Marks & Spencer's 2006 store remodelling push.

=85 / HOLMES PARTNERSHIP

Last year: N/A
Number of architects: 30
Female architects: N/A

An old-established Scottish practice, after 50 years Holmes Partnership has set about reinventing itself, concentrating on large projects in the residential, educational and commercial sectors. Schemes range from the conversion of an old bank building in the centre of Glasgow into commercial units, to a housing scheme loosely based on Dutch ideas and dubbed Mondriaan. Above: Mondriaan housing scheme

=85 / TOOLEY & FOSTER PARTNERSHIP

Last year: N/A

Number of architects: 30

Female architects: 23%

A stable year, marked by the full integration of Watts & Partners – a small West End practice acquired in 2003. Retail and health are keeping the practice's 50 staff busy. Projects range from a 4,800m² extension to the Glades shopping centre in Bromley – due on site this summer – to a £1.4 million Salvation Army hall in Chalk Farm, London. Its showpiece is a redesign and upgrade of Wembley Arena.



=89 / AWW

Last year: =81

Number of architects: 29

Female architects: 21%

In last year's AJ100 AWW vowed to increase its ratio of female architects. A year on the practice has six fully qualified female architects – out of 30 professionals – and a trio of Part 3 female students is on the books. The practice has rebranded from Atkins Walters Webster to AWW. Two new directors – Chris Mitchell and Mark Alker Stone – are already on board, and the Bristol and London offices have been decanted to larger quarters ahead of an aggressive recruitment drive.

Above: Broad Quay, Bristol

=89 / GRIMSHAW

Last year: =63

Number of architects: 29

Female architects: 31%

Grimshaw has lost five architects, dropping to 89th place. Last year the London office was 63rd. In 2004 it was 58th, and in 2003 it came 35th. Grimshaw continues to be associated with the ever-contentious Bath Spa project. However, the practice continues to hold on to design talent of the calibre of Nevin Sidor, and has won a smattering of awards for its work in New York. Things are certainly not all bad.

Below: The Core, Eden Project

=89 / SIDELL GIBSON

Last year: =66

Number of architects: 29

Female architects: 21%

The north London practice has slid 23 places down the AJ100. Director Richard Morton blames a slowdown in the commercial sector. Morton insists the firm is destined for rapid expansion in 2006. 'A lot of projects that were sitting around will start moving ahead this year,' he said. Among these is 1 New Change, a £150 million mixed-use scheme adjacent to St Paul's Cathedral, for Land Securities. Dingwell Road, a 35-storey tower in Croydon, goes before planners soon.

=89 / STOCK WOOLSTENCROFT

Last year: N/A

Number of architects: 29

Female architects: 31%

House-hunters in London are becoming more than likely to cross the threshold of a Stock Woolstencroft-designed property. This new entrant to the AJ100 won planning permission for 23 capital housing schemes in 2005 alone, including a £6.9 million residential scheme in Barking Road, Canning Town for Toynbee Housing Association – a precursor to wider regeneration. Other notable regeneration schemes include New River Village and Sutton Wharf, both in Bow.



=93 / ASSAEL ARCHITECTURE

Last year: N/A

Number of architects: 28

Female architects: 25%

A new entry for the south London practice, headed by John Assael. He was delighted by the firm's ranking in the *Sunday Times* 100 Best Small Companies To Work For poll, which placed it seventh. Back at the coalface, the practice has won planning permission for schemes including a huge development in Brentford, which incorporates the Art Deco Grade II*-listed Wallis House. The firm is also working on the largest scheme currently on site in Leeds. Right: P+B Greenwich



=93 / POWELL DOBSON ARCHITECTS

Last year: N/A

Number of architects: 28

Female architects: 21%

This Welsh practice rebranded from PDP to Powell Dobson in 2004, and now runs offices in Swansea and Cardiff. Mounting workloads convinced the firm to transfer its Swansea operation last year to bigger premises on the city's SA1 waterfront development. Its string of accolades include the 2005 Vale of Glamorgan Built-In Quality award for Llandough hospital mental health unit. Recent project wins include a £25 million upgrade of Swansea Leisure Centre.

=93 / JOHN THOMPSON & PARTNERS

Last year: =79

Number of architects: 28

Female architects: 21%

This architectural and urban-design practice has moved down 14 places, despite a 15 per cent increase in turnover over the past 12 months. John Thompson has been busy as the head of the RIBA's new Academy of Urbanism, which launched to promote best practice in city design. The London and Edinburgh offices have remained roughly the same size, with no current plans for an expansion in staff – although an increase in the number of architects is hoped for, having secured very large projects such as the redevelopment of Guildford Exchange and masterplans for York, Dublin and Moscow.

Right: Hungate, York



=96 / ACANTHUS LW ARCHITECTS

Last year: =83

Number of architects: 27

Female architects: 30%

Director Michael Watkins says the last 12 months have been 'pretty constant', neither losing nor gaining any architects. However, standing still has caused an unlucky 13-place drop for the practice, as others in the league have rushed ahead. In transport, the year has had its successes, with Hounslow East Underground Station picking up a station excellence award from HSBC. Looking ahead, the firm is poised to start on Crossrail – should it ever get the green light. In housing, the Centrium project in Woking was recently completed.

=96 / GENSLER

Last year: =83

Number of architects: 27

Female architects: 30%

This has been the busiest year in memory for Gensler, so naturally its relegation to very near the bottom of the league table has caused some surprise. Projects in the Middle East – such as the new headquarters for Abu Dhabi Commercial Bank scheduled for completion in April – have broadened the range of work for the firm, with a number of large-scale interiors. Moderate expansion over the next 12 months is expected.

=96 / MAKE

Last year: N/A

Number of architects: 27

Female architects: 22%

There are some who say that Ken Shuttleworth's ever-growing band of brothers has rather a lot to prove. The practice has 27 architects and just one completed project – the Dartford Judo Club building – to show for it. Having said that, one would have to be highly cynical to believe Shuttleworth – and his Fosters pedigree – is really going to let us down. There are many more buildings, from one-off houses to vast skyscrapers, in the pipeline. Watch this space. Below: Digbeth coach station



=96 / HKR ARCHITECTS

Last year: N/A

Number of architects: 27

Female architects: 15%

Dublin-based HKR Architects is working on €5 billion (£3.4 billion) of projects, spanning Florida, Bray and London. It has more than 150 professionals operating from offices in Ireland, the UK and soon Florida. Dabbling in urban design, residential and healthcare architecture, it remains anchored to retail projects. Smithfield market, a 120,000m² mixed-use space, was completed in 2005. Its flagship project is a €2 billion (£1.4 billion) redevelopment of Bray town centre, Ireland.

=100 / ORMS

Last year: =87

Number of architects: 26

Female architects: 19%

Director Dale Jennings describes 2005 as 'an unusual year' for ORMS, with its massive housing development for Carlyon Bay in Cornwall put on hold when it was called in. But it has fought back, winning more work, especially since August. This includes a doctors' surgery in the Midlands, which is privately financed – ORMS won't touch PFI – and a mixed-use scheme on the site of the old C&A in London's Oxford Street. The apartments sold so fast the show flat has been cancelled.

=100 / POZZONI DESIGN GROUP

Last year: =100

Number of architects: 26

Female architects: 15%

With big plans to tackle the profession's looming skills crisis, managing partner David Hughes wants to establish a Pozzoni Academy to arm graduates with basic technical skills not necessarily taught at UK universities. The practice has carved out a reputation for ground-breaking care homes, such as the Peele, south Manchester. This is a £6 million 108-bed facility for Manchester Care, featuring purpose-built cinema and bistro.



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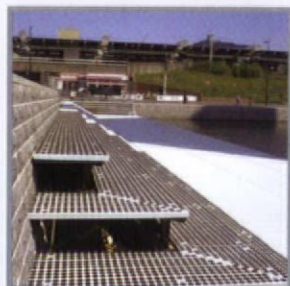
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SCOTLAND

	2005	2004
1 jmarchitects	73	66
2 RMJM	70	74
3 Keppie Design	66	67
4 Lewis & Hickey	61	30
5 CDA	48	42
6 3D Architects	46	36
7 Cooper Cromar	37	46
8 The Parr Partnership	35	35
9 Michael Laird Architects	32	25
10 Holmes Partnership	30	New
11 Gareth Hoskins Architects	20	17



NORTH EAST

	2005	2004
1 RyderHKS	62	54
2 Carey Jones Architects	51	47
3 Bond Bryan Architects	36	34
4 Hadfield Cawkwell Davidson	32	32
5 Waring & Netts	19	12
6 Design Group 3 Architects	17	14



NORTH WEST

	2005	2004
1 Ellis Williams Architects	43	39
2 DLA Architecture	37	33
3 Taylor Young Limited	35	31
4 Pozzoni Design Group	26	23
5 Halsall Lloyd Partnership	25	25



MIDLANDS

	2005	2004
1 Nightingale Associates	175	160
2 RPS Group	57	55
3 NPS Property Consultants	39	39
4 Stephen George & Partners	38	44
5 CPMG Architects	30	23
=6 Pick Everard	24	22
=6 Seymour Harris Architects	24	27
=8 Associated Architects	23	20
=8 Oxford Architects	23	29
10 Worcestershire County Council	16	13



WALES

	2005	2004
1 Holder Mathias Architects	33	30
2 Powell Dobson	28	23



SOUTH WEST

	2005	2004
1 Stride Treglown	65	63
2 Feilden Clegg Bradley Architects	59	61
3 AWW Architects	29	28
4 Parsons Brinckerhoff	24	21
5 Stubbs Rich Architects	23	18



SOUTH EAST / LONDON

	2005	2004
1 BDP International	281	241
2 Aedas Architects	190	172
3 Foster and Partners	175	174
4 Capita Percy Thomas	172	142
=5 Atkins	167	155
=5 HOK/HOK Sport	167	164
7 PRP Architects	130	120
8 Benoy	117	66
9 Broadway Malyan	108	102
10 Sheppard Robson	101	82
11 Reid Architecture	100	104
12 Llewelyn Davies Yeang	95	90
13 Allies and Morrison	90	74



Ranked according to total number of UK qualified architects.

UK ARCHITECTURAL FEE INCOME

	2005	2004	Per qualified architect 2005
1 Foster and Partners	£43,300,000	£42,546,000	£247,429
2 BDP International	£37,200,000	£30,400,000	£132,384
3 HOK/HOK Sport	£37,000,000	£39,600,000	£221,557
4 Aedas Architects	£34,700,000	£25,000,000	£182,632
5 Capita Percy Thomas	£28,000,000	£20,000,000	£162,791
6 Broadway Malyan	£22,000,000	£21,000,000	£203,704
7 RPS Group	£19,170,000	£16,800,000	£336,316
8 PRP Architects	£18,896,000	£16,557,210	£145,354
9 Sheppard Robson	£15,415,000	£14,905,000	£152,624
10 Nightingale Associates	£15,000,000	£12,500,000	£85,714

FASTEST RISERS BY UK ARCHITECTURAL FEE INCOME 2004-2005

	Change in fee 2004-2005	% Estimated change 2006
1 Aedas Architects	£9,700,000	11
2 Capita Percy Thomas	£8,000,000	0
3 BDP International	£6,800,000	N/A
4 SOM	£6,349,269	12
5 Jacobs	£6,160,000	15
6 Make	£4,657,375	50
7 Wilkinson Eyre Architects	£4,100,000	24
8 Swanke Hayden Connell Architects	£3,400,000	15
9 NPS Property Consultants	£3,030,000	20
10 Allies and Morrison	£2,800,000	15

ARCHITECTURAL FEES GLOBALLY (EXCLUDING THE UK)

	2005	2004	% Estimated change 2006
1 HOK/HOK Sport	£179,200,000	£143,700,000	0
2 Gensler	£122,600,000	£92,400,000	15
3 SOM	£74,223,408	£58,981,271	12
4 RTKL-UK	£60,375,220	£37,950,000	15
5 Kohn Pedersen Fox Associates	£27,000,000	£23,600,000	50
6 Aedas Architects	£22,900,000	£16,800,000	13
7 Wimberly Allison Tong & Goo	£17,750,000	£16,000,000	8
8 Reid Architecture	£15,000,000	£12,000,000	10
9 BDP International	£13,700,000	£12,000,000	N/A
=10 Anshen Dyer	£11,000,000	£12,000,000	5
=10 Chapman Taylor	£11,000,000	£7,000,000	10

UK ARCHITECTURAL FEE INCOME GENERATED FROM PFI PROJECTS

	2005	% UK fee income 2005	% Estimated change 2006
1 Capita Percy Thomas	£16,800,000	60	0
2 Aedas Architects	£16,309,000	47	10
3 BDP International	£12,648,000	34	0
4 HOK/HOK Sport	£11,100,000	30	0
5 Anshen Dyer	£7,018,507	75	0
6 jmarchitects	£5,070,000	65	0
7 RyderHKS	£4,842,000	50	0
8 Swanke Hayden Connell Architects	£4,615,000	65	0
9 Nightingale Associates	£4,500,000	30	-10
10 Scott Brownrigg	£3,864,000	42	35

UK ARCHITECTURAL FEE INCOME GENERATED BY WORK WON THROUGH COMPETITIONS

	2005	% UK fee income 2005	% Estimated change 2006
1 Capita Percy Thomas	£4,200,000	15	+5
2 Aedas Architects	£3,470,000	10	-1
3 RPS Group	£2,875,500	15	0
4 TPS Consult	£2,425,000	50	+50
5 Make	£2,020,640	30	0
6 Stride Treglown	£1,630,980	18	+10
7 RTKL-UK	£1,435,650	15	0
8 Sheppard Robson	£1,156,125	7.5	+7.5
9 Broadway Malyan	£1,100,000	5	0
10 RyderHKS	£968,400	10	0

TOTAL UK FEE INCOME 2005

1 Jacobs	£200,000,000
2 RPS Group	£120,000,000
3 BDP International	£63,700,000
4 Foster and Partners	£43,300,000
5 Aedas Architects	£39,200,000
6 HOK/HOK Sport	£37,000,000
7 NPS Property Consultants	£29,330,000
8 TPS Consult	£26,210,000
9 Broadway Malyan	£23,500,000
10 PRP Architects	£20,133,000

ESTIMATED GROWTH IN UK ARCHITECTURAL FEE INCOME 2006

1 Make	50
2 Benoy	41
3 3D Architects	40
4 HKR Architects	37
5 Kohn Pedersen Fox Associates	35
6 YRM Architects	30
7 Hopkins Architects	25
8 Wilkinson Eyre Architects	24
=9 David Chipperfield Architects	20
=9 NPS Property Consultants	20

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P R O T E C T I N G P E O P L E A N D P R O P E R T Y A R O U N D T H E W O R L D

AVERAGE SALARY

	2006	2005	2004
Part 3 student	£25,610	£24,161	£22,931
Architect	£35,687	£33,506	£32,192
Associate	£45,303	£42,668	£40,991
Partner / director	£73,373	£75,887	£70,186

**DOES YOUR PRACTICE HAVE
A PENSION SCHEME?**

NO 17% YES 83%


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

YES 7% NO 93%



'I'm setting up a unit to look at how we charge fees and manage our businesses. I want to get a trajectory going that will lead to more satisfactory rewards'

Jack Pringle, RIBA president

In principle, 100 per cent of practices should have said they have a pension scheme, says Kenneth Donaldson, director of pensions at Higham Group, since employers of more than five people are legally obliged to provide at least a stakeholder pension. The figures probably therefore indicate companies that operate a scheme to which they contribute. 'I am slightly surprised,' says Donaldson, 'that it's only four-fifths. Normally firms wrap together pension, death benefits and critical-illness in the pension plan. For a professional firm not to supply any of these is slightly surprising. It puts a lot of strain on the employees.' Companies not currently paying into a pension scheme will be in for a shock if Lord Turner's proposed pension reforms go ahead, Donaldson warns. 'He has suggested that the employer should be compelled to pay in at least 4 per cent, with the employee paying in a further 3 per cent. If and when compulsion comes in, not only will the employer suffer a 4 per cent drop in the bottom line, but the staff will suffer a 3 per cent drop in take-home pay.'

WHICH IS THE BEST ARCHITECTURE SCHOOL?

2006 2005

1	1	University College London (Bartlett)	25%
2	=4	Oxford Brookes	11%
=3	=6	University of Glasgow (Mackintosh)	9%
=3	3	University of Sheffield	9%
=5	2	Architectural Association	8%
=5	=6	University of Cardiff	8%
=7	=6	University of Cambridge	5%
=7	=10	University of Nottingham	5%
9	=15	University of Portsmouth	4%
10	=15	University of Newcastle	2%

'There is a tremendous standard in the best schools, but the poor are still very sad. We have to raise the standards but avoid typecasting. The profession is not a one-fits-all gig. I can see a model where you get different degrees and more considered choice'

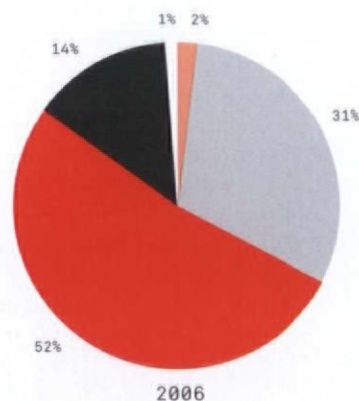
Simon Allford, RIBA vice-president for education

WHICH DO YOU PREFER TO EMPLOY? OVERSEAS OR BRITISH-TRAINED ARCHITECTS?


BRITISH 73% OVERSEAS 27%



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



VERY BAD
 BAD
 INDIFFERENT
 GOOD
 VERY GOOD



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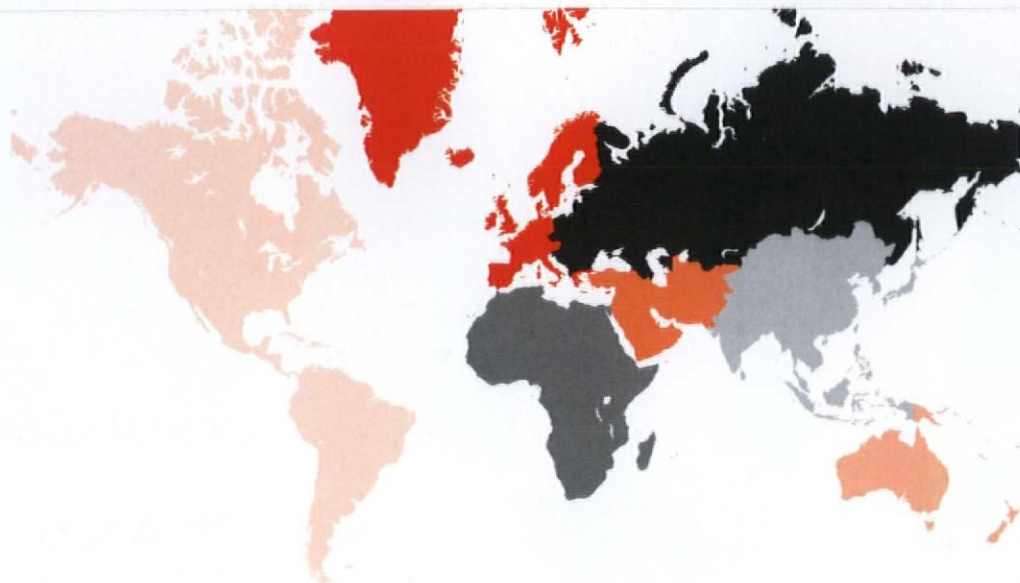
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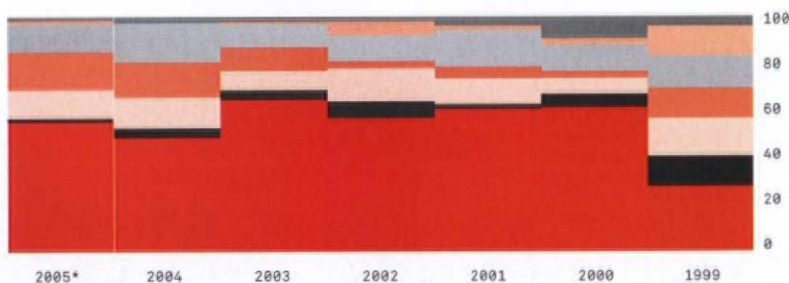
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Peter Oborn, Aedas



BREAKDOWN OF PROJECTS OUTSIDE UNITED KINGDOM



● AFRICA
● AUSTRALASIA
● ASIA
● MIDDLE EAST
● AMERICA
● EASTERN EUROPE
● WESTERN EUROPE

*2005 BREAKDOWN

● 1.5%
● 1.5%
● 12%
● 16%
● 12%
● 1.5%
● 55.5%

NUMBER OF QUALIFIED ARCHITECTS GLOBALLY (EXCLUDING THE UK)

	2005	2004	Estimated % change 2006
1 HOK/HOK Sport	770	745	0
2 Gensler	441	396	10
3 Jacobs	380	—	15
4 Kohn Pedersen Fox Associates	195	174	10
5 Aedas Architects	191	170	10
=6 RTKL-UK	190	154	23
=6 Wimberly Allison Tong & Goo	190	175	8
8 SOM	175	110	15
9 RMJM	106	112	15
10 Chapman Taylor	103	99	14

DO YOU OUTSOURCE ANY OF YOUR WORKING DRAWINGS OR CAD-IMAGING TO FOREIGN COUNTRIES?

YES 18% NO 82%



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Pantile, natural and fibre cement slates:	17.5°
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1. Ronchamp

PAUL RAFTERY/VIEW

WHAT IS YOUR FAVOURITE BUILDING?

1	Ronchamp	8%
2	Fallingwater	7%
=3	Swiss Re	5%
=3	Thermal Baths, Vals	5%
=5	Barcelona Pavilion	3%
=5	The Scottish Parliament	3%
=7	Alhambra	2%
=7	Houses of Parliament	2%
=7	La Tourette	2%
=7	McLaren Technology Centre	2%
=7	Sagrada Familia	2%
=7	Sydney Opera House	2%



2. Fallingwater



3. Swiss Re

Leading the way in Architectural Recruitment with the AJ Top 100 Practices



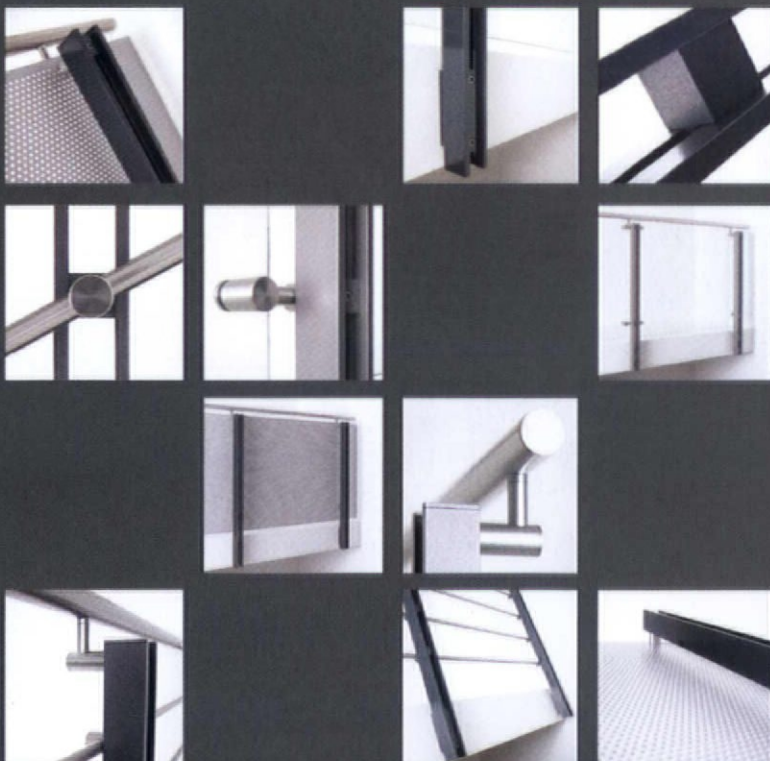
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ENQUIRY 37 ON CARD
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1. Vauxhall Cross



KEITH HUNTER

2. Scottish Parliament

WHAT IS YOUR LEAST FAVOURITE BUILDING?

1	Vauxhall Cross	15%
2	The Scottish Parliament	12%
3	GLA	7%
4	Swiss Re	5%
5	MI6	4%
=6	Elephant & Castle Shopping Centre	3%
=6	Heathrow Airport	3%
=6	Minster Court	3%
=6	Peckham Library	3%
=6	The Sage, Gateshead	3%
=6	Tricorn Centre, Portsmouth (RIP)	3%

DO YOU BELIEVE IT WAS RIGHT TO AWARD THE 2005 STIRLING PRIZE TO THE SCOTTISH PARLIAMENT?

NO 63% YES 37%



IF NO, WHO DO YOU THINK SHOULD HAVE WON?

=1	BMW Factory	32%
=1	McLaren Technology Centre	32%
3	Lewis Glucksman Gallery	26%
=4	Brighton Library	3%
=4	Swiss Re	3%
=4	Norwich Cathedral Refectory	3%
=4	The Sage, Gateshead	3%



Part 'F'

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We've all
been waiting
for the revisions to
the Building Regulations.

The new documents may appear to be more involved, but we are here to guide you through all the detail of Part F to help you comply in the most efficient way. Go to www.partf.co.uk for the latest news and come to us for specification advice, either through our CPD seminars or our fully prepared technical teams. Whatever your ventilation question, Titon will have the answer.

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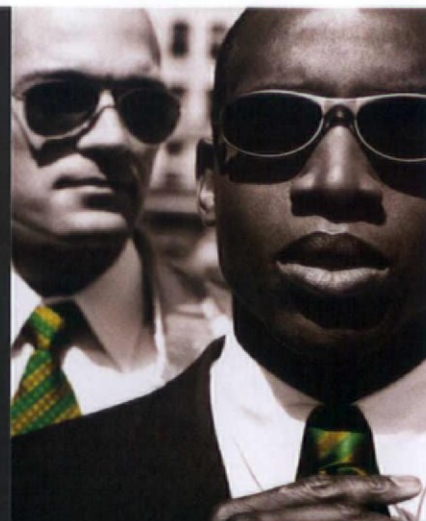


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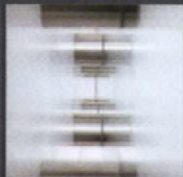
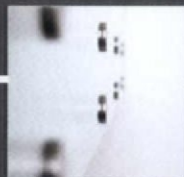
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21%

'I am absolutely delighted to have been voted AJ100's most admired architect. To receive recognition from my peers is a real honour in a profession that is often its own greatest critic.'

Above: Millau Bridge

WHICH LIVING ARCHITECT DO YOU ADMIRE THE MOST?

1	Norman Foster	21%
2	Renzo Piano	19%
3	Richard Rogers	7%
4	Santiago Calatrava	6%
=5	Peter Zumthor	3.5%
=5	Michael Hopkins	3.5%
=5	Tadao Ando	3.5%
=8	Álvaro Siza	2.5%
=8	Edward Cullinan	2.5%
=8	Frank Gehry	2.5%
=8	Jacques Herzog and Pierre de Meuron	2.5%
=8	Jean Nouvel	2.5%
=8	Ken Shuttleworth	2.5%
=8	Richard Meier	2.5%

The AJ's special awards go to AJ100 practices that have excelled in specific areas. The awards were judged by AJ editor Isabel Allen, Architectural Review editor Paul Finch, environmental engineer Max Fordham, Swiss Re client Sara Fox, Wordsearch's Peter Murray, architect/developer Roger Zogolovitch and RIBA president Jack Pringle.

LARGEST PRACTICE

Sponsored by Schüco

WINNER: BDP

REGIONAL WINNERS

Sponsored by Griffiths and Armour

Scotland

JMARCHITECTS

North East

RYDER HKS

North West

ELLIS WILLIAMS ARCHITECTS

Midlands

NIGHTINGALE ASSOCIATES

Wales

HOLDER MATHIAS ARCHITECTS

South West

STRIDE TREGLOWN

HIGHEST FIRST-TIME ENTRANT

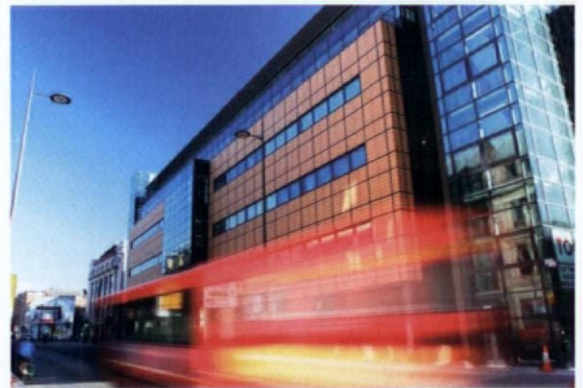
Sponsored by Corus Kalzip

WINNER: MAKE

HIGHEST CLIMBER

Sponsored by Pipers

WINNER: BENOY



1.



2.

1. jmarchitects' City Square, in Liverpool
2. Stride Treglown's Great Bow Yard



3. Aedas' Holland Park School

'This was a well-deserved success by a practice that has taken an intelligent view of its areas of strength and has worked hard to develop and expand them.'

Isabel Allen

BUSINESS ACHIEVER OF THE YEAR

Sponsored by Glenigan

WINNER: AEDAS

For an established practice to increase its fee income by 11 per cent is an impressive achievement, and makes Aedas the fourth-largest fee earner in the country. It is also the second-largest earner in both PFI and work won in competitions. This is reflected in the fact that Aedas has added 23 architects in the UK, moving it up to second position in the AJ100. Aedas has also become a truly international practice, with the sixth-largest fee income outside the UK and the fifth highest number of architects employed overseas. These figures predate the tie-up with New York practice Davis Brody Bond.

INTERNATIONAL PRACTICE OF THE YEAR

Sponsored by Davis Langdon

WINNER: CHAPMAN TAYLOR

In 1995, Chapman Taylor picked up 135 new projects giving it a presence in 17 new countries, but what really impressed the jury was the spread of the practice's workload in terms of type of work and geographical location, and its determination to create projects that suit local needs. In the past year, the practice has built on its success in the office, residential, regeneration, urban-design and retail sectors, and entered new areas including tourism, hospitality, education and sport. Recent schemes include a mixed-use seafront development in Argentina; the redevelopment of rubber factories in central Moscow into a mixed-use scheme; and a new football stadium in Ghana. The practice plans to expand its Italian, Spanish, Polish and French offices in the coming year, and to open new offices in Romania and Russia.

'This is an incredible achievement for a practice which was very badly hit by the real-estate slump of the 1990s. This year seems to be the high watermark of their recovery'

Paul Finch

4. Chapman Taylor's Dubai Pearl





5.

'This is an exemplary case of a practice which has used its expertise to position itself as an authority in a particular area, generate publicity, and strengthen its position in the marketplace'

Peter Murray



6.

5 & 6. The Gensler white paper, *These Four Walls*

BEST MARKETING INITIATIVE

Sponsored by Smoothe

WINNER: GENSLER

In 2005, Gensler engaged the PR agency Man Bites Dog to translate some of its research efforts into a large-scale marketing initiative. Drawing on an independent survey of UK business managers, the practice produced a white paper entitled *These Four Walls: The Real British Office*, a document which sets out the impact of the work environment in relation to productivity, staff attraction and retention, creativity, and work/life balance. The aim was to encourage debate about design at board level and to raise the profile of the key personnel and services provided at Gensler's headquarters in London. The exercise yielded 43 pieces of media coverage, with a total circulation of 5 million and a broadcast reach of more than 1.3 million, including articles in the *Guardian* and the *Financial Times* and two interviews on the BBC. It also led to eight public-speaking engagements. Gensler's website has received more than 8,840 hits to date on the page featuring the white-paper news, and 40 enquiries from the UK and around the world, including questions from potential and existing clients, and institutions such as Reading University and the University of Liverpool. In purely financial terms, the campaign delivered coverage worth £438,622.

SUSTAINABILITY AWARD

Sponsored by Interface

WINNER: FEILDEN CLEGG BRADLEY

The winner of the AJ100 Sustainability Award for the second year running, Feilden Clegg Bradley impressed the jury with Heelis in Swindon, the newly completed Central Office for The National Trust. The building's form allows excellent light and natural ventilation throughout, with the saw-tooth pitched roof facilitating solar collection via roof-mounted photovoltaic panels, providing 35 per cent of the building's energy requirement. Materials were sourced to ensure sustainability in production, use and ultimate disposal: timber from National Trust estates is used for cladding, and carpets are made of wool from sheep raised on National Trust farms. An enlightened approach to design was matched by effective communication to the client. The design team collaborated to develop a matrix, setting out the energy savings and payback periods, to allow the board to make informed decisions at the design stage, and all users have been educated to understand their building.

COMMENDATIONS

PRP

The jury commended St Matthew's Estate in Brixton, the first scheme developed by PRP ZedFactor, as a successful collaboration between a large, commercial client and a smaller 'niche' practice, and a bold attempt to introduce a forward-looking approach to environmental issues into the social-housing sector.

BDP

The jury was particularly impressed by the efforts of the sustainability unit to introduce a sophisticated understanding of sustainability issues into BDP projects, and by the practice's success in developing DREAM (defence-related environmental assessment method), a tool designed to assess the environmental performance of Ministry of Defence buildings across the whole of its estate.



7. Feilden Clegg Bradley's Heelis building for The National Trust

'What started life as a more conventional two- or three-storey building was rethought after a detailed analysis of energy use.'

Max Fordham

DENNIS GILBERT/VIEW

EMPLOYER OF THE YEAR

Sponsored by SIV

WINNER: ASSAEL

Contrary to popular belief, the outstanding quality of the submissions for Employer of the Year suggested that large architectural practices are both enlightened and imaginative employers. The jury, which unanimously voted for Assael, was particularly struck with its policy of rewarding staff who have been with the practice for 10 years with 20 days' paid leave (in addition to the usual 25 days) along with two round-the-world air tickets. All employees are given a £250 annual allowance towards a European trip, on the less than onerous condition that they report back at the practice's Friday afternoon meetings when the office closes at 3.30pm for drinks. This, incidentally, is in addition to the annual average training budget of over £700 per year which can be spent on learning to drive, cook or act, as well as the more predictable range of CPD options. The jury was also impressed, even a little incredulous, to hear that the managing director makes a point of personally meeting with students once a week.

SPECIAL MENTIONS

The jury also gave a special mention to HLM Architects and Lyons + Sleeman + Hoare for offering lifestyle packages which were particularly flexible and clear; PRP Architects for its student bursary scheme; and Jestico + Whiles for its decision to transfer ownership of the practice from shareholders into an Employee Benefit Trust.



8. Staff of employer of the year Assael

'This is a wonderful example of somebody who absolutely loves his practice, and really enjoys what he does.'

Jack Pringle

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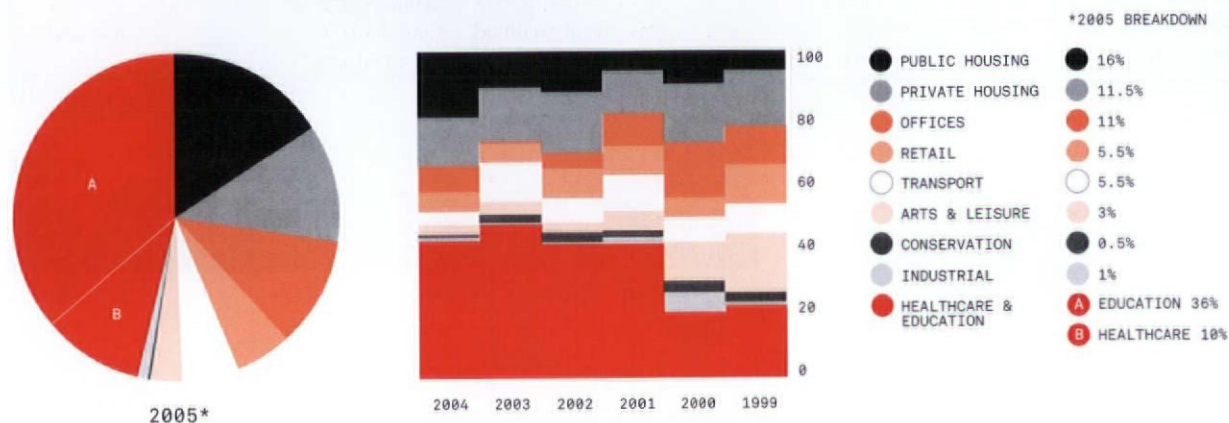
Interface



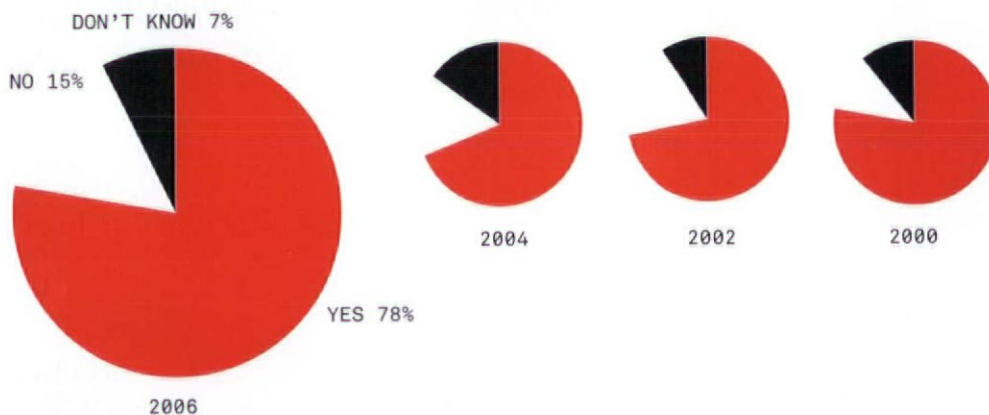
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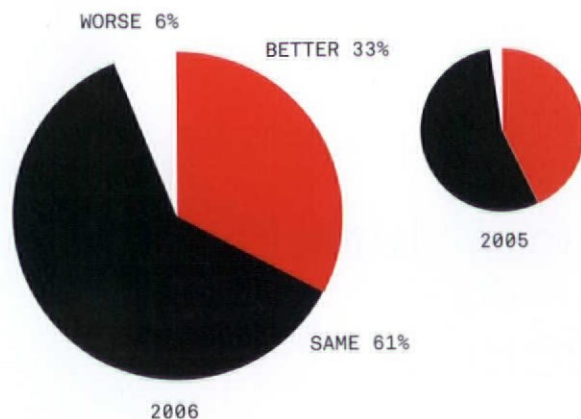
BREAKDOWN OF PROJECTS OUTSIDE UNITED KINGDOM



DO YOU BELIEVE THE FUTURE IS LOOKING BRIGHT FOR ARCHITECTS?



DO YOU THINK THE ECONOMIC OUTLOOK FOR ARCHITECTS IN THE NEXT 12 MONTHS IS:



'The profession is riding high – with regeneration, sustainability, and the Olympics... if we can't be optimistic about the future now we never will be'

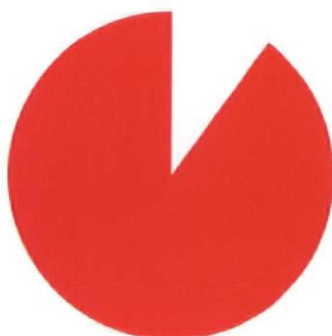
Laurie Chetwood, Chetwood Associates

PREDICTED GROWTH IN NUMBER OF QUALIFIED UK ARCHITECTS 2006

	% Estimated growth in number of qualified architects in 2006	Estimated growth in number of qualified architects 2006	Number of qualified architects in 2005
1 Make	50	14	27
2 HKR Architects	41	11	27
=3 Carey Jones Architects	40	20	51
=3 Sidell Gibson Architects	40	12	29
=5 John McAslan + Partners	25	11	45
=5 Terry Farrell & Partners	25	10	40
7 Grimshaw	22	6	29
=8 3D Architects	20	9	46
=8 Architects Co-Partnership	20	7	37
=8 AWW Architects	20	6	29
=8 Benoy	20	23	117
=8 David Chipperfield Architects	20	8	42
=8 Holder Mathias Architects	20	7	33
=8 Hopkins Architects	20	7	37
=8 ORMS Designers & Architects	20	5	26
=8 Pozzoni Design Group	20	5	26

DO YOU BELIEVE THE GENERAL
STANDARD OF ARCHITECTURE
IN THE UK IS IMPROVING?

YES 90% NO 10%



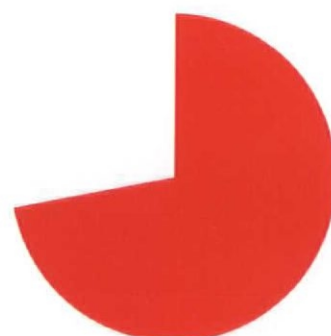
DO YOU SUPPORT THE RIBA'S
EFFORT TO REFORM THE PFI
PROCUREMENT PROCESS?

NO 8% YES 92%



DO YOU THINK THE 2012 LONDON
OLYMPICS WILL BE DELIVERED,
IN ITS ENTIRETY, ON TIME?

NO 28% YES 72%



WHAT KEEPS YOU AWAKE AT NIGHT?

'Clients who don't pay'

Architects Design Partnership

'Nothing – we are too exhausted'

Pollard Thomas Edwards Architects

'Having to find half a million pounds a month'

Gensler

'Paying the mortgage and impressing your peer group'

Chetwood Associates

'Cash flow'

Hopkins Architects

'Emails'

PRP Architects

WHAT IS THE MOST PRESSING ISSUE FOR ARCHITECTS?

'Credibility within the construction industry'

Capita Percy Thomas

'Adversarial and aggressive contractors'

Ellis Williams Architects

'Being the design team leader and reclaiming the QS role'

David Chipperfield Architects

'Risk management. Getting paid. Getting a commitment to do a proper job'

Grimshaw

'Delivering quality'

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Pinions Barn by Simon Conder Associates

Photo: Chris Gascoigne

WA

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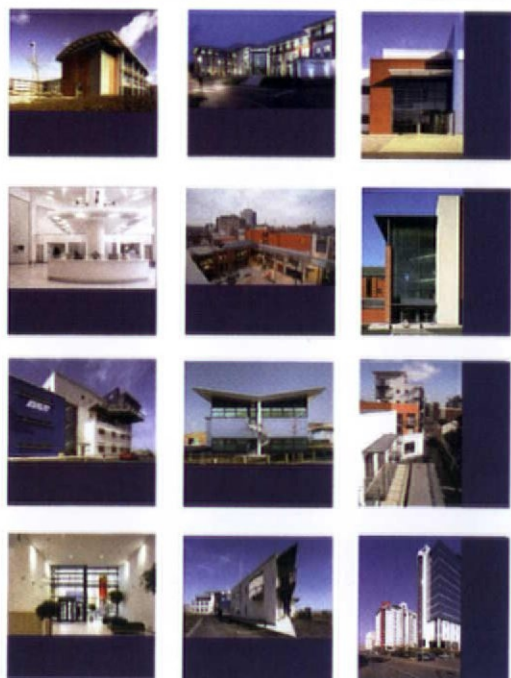
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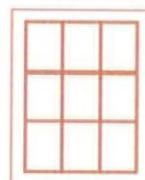
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STAINLESS STEEL



KATSUNISA KIDA

IN ASSOCIATION WITH



UGINE & ALZ
Arcelor Group

STAINLESS STEEL IS SELF-PROTECTING, SO MAINTENANCE IS KEPT TO A MINIMUM

By Ruth Slavid

Stainless steel is a material that naturally appeals to architects. A quintessentially modern material, it also works ideally with other materials. But popularity does not necessarily mean that it is understood. In this supplement, sponsored by leading stainless steel manufacturer UGINE & ALZ, we make matters clearer and investigate the potential of stainless steel in construction.

WHAT IS STAINLESS STEEL?

Stainless steel is steel containing a minimum of 10.5 per cent chromium along with other alloying materials, thus forming specific grades. Its unique resistance to corrosion is an intrinsic quality. This is thanks to the reaction of chromium with oxygen and the creation of a self-protecting passive layer on the surface. If this layer is damaged, it reforms spontaneously, continuing the protection. Using other alloying components, such as molybdenum and nickel, will further enhance the properties of the metal.

Four main types of stainless steel exist. They are martensitic, ferritic, austenitic and duplex. The austenitics include the grades probably already best known to the architect as 304 grade and 316 grade. The 304 grade contains both chromium and nickel, and with the addition of molybdenum the 316 grade increases its corrosion resistance and allows stainless steel use in the more aggressive environments found in heavy-industrial or marine locations. Making the correct choice of grade is of key importance and depends on the type of environment to which the building will be exposed. All grades of stainless steel have different

mechanical, physical and corrosion-resistance properties. It is important to seek professional advice when selecting the appropriate grade.

WILL IT RUST?

Stainless steel will not rust. One of the earliest architectural applications of stainless steel was for the cladding on the top of New York's Chrysler building, designed by William Van Allen and completed in 1929. At almost 80 years old, the durability of this cladding is a tribute to the properties of stainless steel.

The table opposite shows the corrosive resistance of two common grades of stainless steel in a variety of environments.

This shows that the 304 (1.4301) grade can be considered for most sites, except either heavily polluted industrial sites or marine locations. In these cases the 316 (1.4401) or 316L (1.4404) grades would be more appropriate.

As well as the overall environment, local conditions will have an effect. For example, natural rain washing is an advantage, as it reduces the corrosion risk from pollutants or condensates.

Because stainless steel is self-protecting, rather than relying on an applied protective finish or a patina to provide protection, maintenance is kept to a minimum.

IS STAINLESS STEEL EXPENSIVE?

Stainless steel may have a reputation as an expensive material, but if you look beyond the initial cost of the metal and interrogate the

CORROSION RESISTANCE OF TWO COMMON GRADES OF STEEL IN A VARIETY OF ENVIRONMENTS

	Rural conditions			Urban conditions			Industrial conditions			Marine conditions		
	L	M	H	L	M	H	L	M	H	L	M	H
316	3	3	3	3	2	2	2	2	1	2	2	1
304	2	2	2	2	2	1	1	1	X	2	1	X

KEY

CONDITIONS

L LEAST CORROSIVE CONDITIONS E.G.
LOW HUMIDITY AND LOW TEMPERATURES
M TYPICAL ATMOSPHERIC CONDITIONS FOR
THE SITE TYPE
H HARSH ATMOSPHERES, TYPIFIED BY
PERSISTENT HIGH HUMIDITY, HIGH
TEMPERATURES OR HIGH LEVELS OF
POLLUTION

PERFORMANCE RATINGS

3 HIGH SPECIFICATION, AN ALTERNATIVE
GRADE MAY BE SUITABLE
2 MOST SUITABLE GRADE FOR
APPLICATION
1 CAN BE CONSIDERED WITH SPECIFIC
CORRECT SURFACE CHOICE AND REGULAR
CLEANING MAINTENANCE
X NOT ADVISED FOR THIS TYPE OF
ENVIRONMENT

life-cycle cost, it becomes much more affordable. This is due, in part, to the longevity of the material and its low maintenance requirements. Another contributing factor often overlooked is the benefit to the overall build-up of the supporting structure and the fact that stainless steel is non reliant for ventilation to its underside. Warm-roof design and construction is increasing and poses no threat to stainless steel.

Ugine & Alz calculates that it can provide stainless steel for roofing and cladding applications for as little as £8.50/m² (metal manufactured price only).

IS STAINLESS STEEL ENVIRONMENTALLY FRIENDLY?

Ugine & Alz is part of giant European steel company Arcelor, whose production sites are ISO 14001 certified. Arcelor's manufacturing process includes the recycling of large volumes of steel scrap, and at the end of its life all stainless steel is fully recycled.

One other main environmental advantage comes from the inert nature of stainless steel. Because stainless steel has no corrosion products forming on its surface there is no toxic run-off bi-product, making rainwater simple to harvest and reuse.

WHAT FINISHES ARE AVAILABLE?

Just as there is more than one type of stainless steel, so there are also numerous surface finishes available, including the possibility of colours.

Finishes offered by Ugine & Alz include:

- Uginox AME, which is a stainless steel with a tin-coated surface that will gradually acquire a patina through weathering. Its appearance makes it suited to use in external applications where lead might have been the metal of traditional choice. Uginox AME offers the advantages of low weight, durability, minimal maintenance and no underside corrosion. The tin coating remains environmentally inert.
- Ugibat, which is a light grey with a soft sheen and very good uniformity of finish and flatness, enabling it to be used in a variety of different applications.
- Ugitop, which has a matt surface with a low-reflective finish. Having a stable finish which can be simply maintained has made this stainless steel a favourite for surfaces where natural rain washing could be difficult.
- Ugibright, which has a dramatic clean finish that can be further mirror polished. It is particularly valuable for use in reflecting the surroundings, giving a changing appearance throughout the night and day.
- Ugisand, which has a very even surface finish and a textured appearance. It resists marking and is silky smooth to the touch.
- Mecachim, which is a range of coloured and textured stainless steels, suitable for both internal and external applications. Coloured by either a patented Polispectral process or by titanium vapour, the steels come in a wide palette of colours and can also be stamped and patterned to a variety of finishes.

CASE STUDY:

The Public

Architect: Alsop Architects

Subcontractor: Richardson Roofing

Will Alsop is famed for his love of non-rectilinear shapes, and The Public in West Bromwich is no exception. Eight years in the making, this socially engaged community arts project is based on a box, but it is certainly a box with a difference. Clad in a black metal skin with a pink interior, it has irregularly shaped 'jellybean' windows. But this was not enough irregularity, so there are two additional shapes, a wall-clinger known familiarly as 'the rock' and a ground-hugging shape called 'the pebble'. In addition, there are faceted structures on the roof. All these 'extra' structures are clad in stainless steel from Ugine & Alz.

On 'the pebble' the material is 0.5mm mirror-finish Ugibright stainless-steel standing-seam cladding. It is laid over a timber structure that has been built up rather in the same way as a boat, with a series of ribs and beams.

The same material was used to clad 'the rock', but in this case the cladding is faceted, rather than curved. Instinctively, one might think that this was a simpler solution, but Max Titchmarsh of Alsop Architects explained that it was actually more difficult. The shape is made up from prefabricated timber trusses fixed to steel cleats on the outer face of the cladding substructure. Triangular windows were fitted in, and then the cladding was applied. Because of the constantly changing angles, a lot of thought had to be given to the positioning of the seams, so that the water ran off in sensible ways. 'Sometimes we had to use flattened seams,' explained Titchmarsh, 'so that each facet is articulated.'

The rooftop structures are also relatively complex, and again are clad in Ugine & Alz's Ugibright standing-seam system, 0.5mm thick. The architect considered alternatives, such as composite-aluminium panels, but decided they would not be able to deal with the complexity of form.

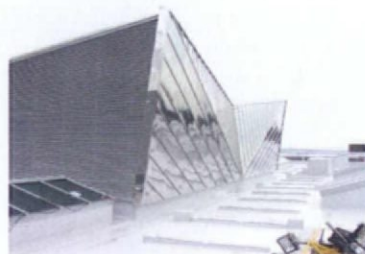


1.



2.

1. The rock uses faceted Ugibright
2. Standing-seam cladding on the pebble
3. Stainless steel suits the complexity of the rooftop forms



3.



1.

CASE STUDY:

Doncaster Interchange

Architect: Carey Jones Architects

Frenchgate Interchange, Doncaster, is an £80 million project for Teesland Property that provides a fully integrated retail centre and transport interchange for this South Yorkshire city. It connects the existing Frenchgate Centre and the listed railway concourse buildings, reinforcing the excellent transport links in the area. Frenchgate Interchange provides a new 30-stand, 'state-of-the-art' bus and coach facility, and a central multi-storey car park.

The development creates 30,000m² of top-quality retail space, which boasts high-profile tenants, such as Debenhams and Next.

It consists of six storeys plus mezzanines between ground, first and second floors. The primary structure consists of a steel frame acting compositely with precast-concrete floor units.

Because the building is both bulky and in a key position, the design was most important, since a lot was riding on it in terms of regeneration of the town centre. In order to break up the mass to some extent, a number of treatments are used. But most striking is a great curved wall that overlooks the railway line. Because of this and the functions contained within the building, this wall is almost entirely free of windows, making it dramatic but potentially forbidding.

The architect has dealt with this issue by adopting an approach that is both contemporary and yet links with some of the city's heritage. This is the use of Uginox AME standing seam with vertical seams, which will weather to a lead-like finish. There is a slightly fluted effect in the form, like a gentle series of waves, which plays interesting games with the light. The flexibility of the metal makes it possible to achieve this form relatively easily.

In addition, the panel sizes give a more 'human' scale to the structure, and a feeling of something that has been handcrafted.

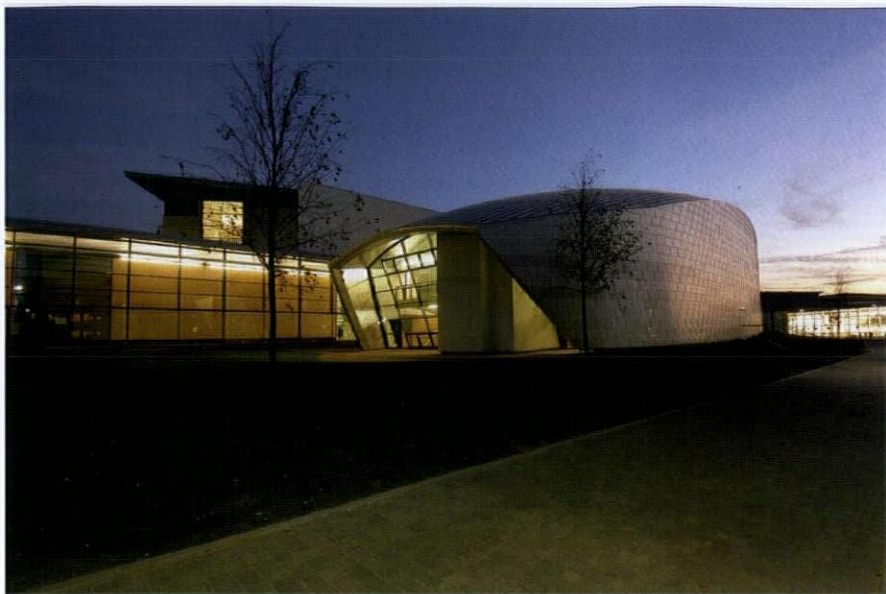


2.

1. Rectangular Uginox AME panels will weather to a lead-like finish
2. The curved wall faces the railway
3. Stainless steel interacts well with other materials used on the external cladding



3.



HUFTON + CROW

1. The auditorium is a centrepiece of the campus
2. The roof, although heavy in appearance, is relatively light in weight

1.

CASE STUDY:

University of Hertfordshire

Architect: RMJM

Subcontractor: Pace Roofing

The University of Hertfordshire was one of the most ambitious single-phase educational development projects in the UK for 50 years. Set on the old de Havilland aircraft site, the campus offers a mix of academic, residential and sports facilities. At its heart is a 500-seat auditorium clad in Ugitop stainless steel. Designed to be a flexible building, adjustable to suit different sizes of audience and with excellent acoustics, it has a beautifully considered stainless-steel roof, sat on top of it and bent over on either side.

Slightly anthropomorphic, it is also reminiscent of the roof of one of the three clustered pods on Renzo Piano's Casa de Musica in Rome. Like that building, the acoustics were taken seriously, and have a defining effect on the form.

The effect is of solidity and heaviness, but in fact the solution is relatively light, since the roof is covered with Ugine & Alz's stable-appearance Ugitop 43 standing-seams and the walls in shingles in the same material.

In 2005, the building won a Stainless Steel Excellence Award. Colin Moses, managing director of RMJM, said the material 'suits the form of the building, is perceived as high quality, and provides a visually distinctive solution'.



HUFTON + CROW

2.

CASE STUDY:

Antwerp Law Courts

Architect: Richard Rogers Partnership/VK Studio

Engineer: VK Engineering/Ove Arup

The dramatic roof of Antwerp's new law courts is a landmark for the city, with its pointed roofs sparkling in the sun reminiscent of the cone hats, or hennins, that are familiar from the paintings of Memling. They are part of the strategy, by architect Richard Rogers Partnership, to create a legal building that is relatively transparent and pleasant to use, with plenty of natural light. One set of roof structures tops each of the eight main courts, composed of four doubly curved hyperbolic paraboloids. They are like a simple rectangular grid that has been pulled up (or down) at the corners to create the double curve.

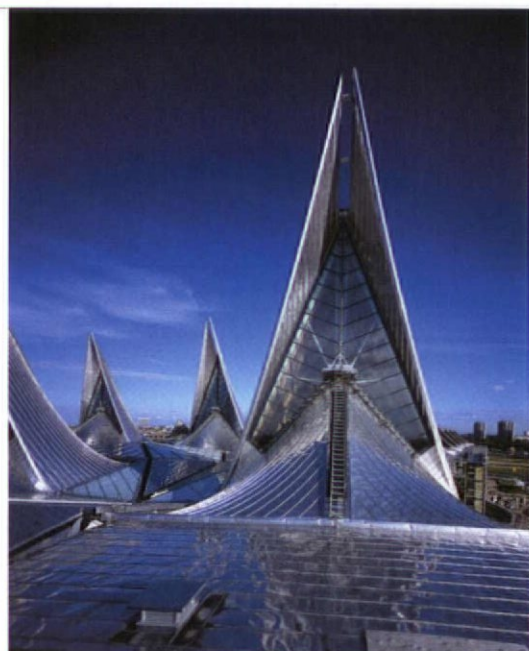
On any roof two of these forms are much higher than the other two. The gap between is filled with vertical north-facing glazing to bring in natural light. Overhangs provide solar shading.

Held within a steel frame and then built up from a laminated timber structure that is exposed on the inside of the courts, this is a gridshell structure, so the entire load of the roofs is transferred to the perimeter and down to the building's structure. The roofs are clad with Ugine & Alz's 0.4mm-thick Ugibat stainless-steel roofing in strips 600mm wide. 'Because it is not malleable, it "oilcans" which we quite like,' said project architect Avtar Lotay, but the contractor laid it out carefully to get the least deflection. Some of it has been cut to almost a banana shape to minimise oilcanning. The strips were folded over each other and welted, rather like a standing-seam roof. This approach is, says Lotay, 'very durable'.

The roofs were manufactured offsite and brought in by barge. Construction of the first one took four weeks, but once it was in full swing a complete unit was produced every week. As well as making site work simpler, this approach ensured quality control, since construction of the roofs took place under cover whatever the weather. Once the roofs were on site, they just had to be 'zipped together' and elements like the glazing added.

Lotay said that the architect did look at alternative materials, including zinc. 'But,' he said, 'we would have had to do all sorts of protective details. And zinc corrodes. So we said to the client that stainless steel was best and what we should really go for.'

Judging by the result, the inhabitants of Antwerp will agree. It is hard to imagine another material that could brighten the scene in quite the same way.



KATSUHISA KIDA

1.

1. Glazing between the roof elements allows in north light
2. The hyperbolic paraboloids create an intriguing roofscape



KATSUHISA KIDA

2.

CASE STUDY:

The Atomium, Brussels

Architect: Conix Architecten

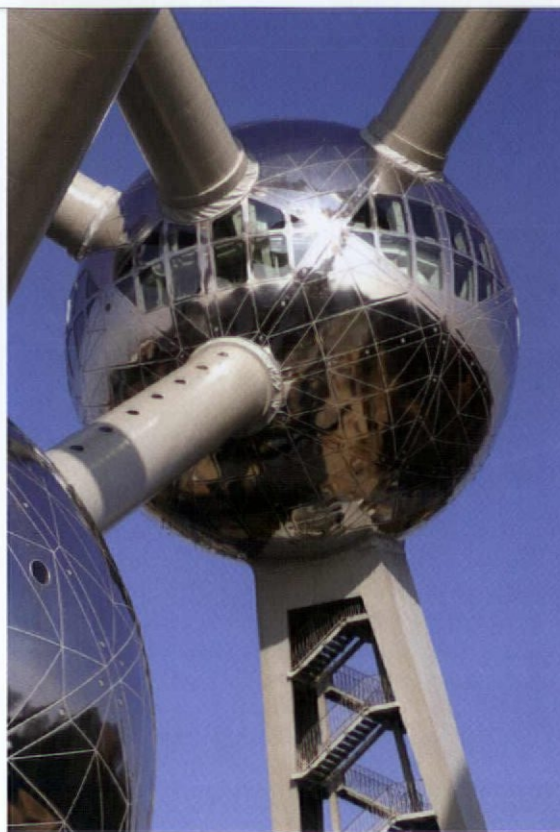
The Atomium in Brussels, constructed for the 1958 Brussels World Fair, is one of those temporary buildings like the Eiffel Tower that stayed on to become a well-loved icon. Based on an atomic structure magnified 165 billion times, it was in need of refurbishment and recladding. Most dramatic has been the replacement of the original failed aluminium with Ugibright stainless steel, chosen for its durability, robustness and lustre.

Because one of the main desires was to make the Atomium shine again, the 1.2mm-thick sheets were given a special electrolytic surface treatment to enhance their sheen.

The operation has been a major one. The structure is 102m high, and each of the nine spheres, packed in a body-centred cubic configuration, has a diameter of 18m. There is public access, which means that the spheres have 'windows' set into them. They serve different functions, including exhibition spaces, a conference room and a children's sphere. The new cladding consists of 50,000 pieces of steel, with a total weight of 130 tonnes and a surface area of 9,000m², made in the Ugine & Alz plant at Genk. There are 2,000 different designs of cladding panel. Ugine & Alz worked closely with the client and architect to provide solutions for this complex project.

The cladding was fixed to a specially made steel frame, and access had to be carefully managed for both effectiveness and safety, with erectors in harnesses delivered to the surface in the most appropriate manner possible.

The recladding was completed in September 2005 and the Atomium reopened in February this year, looking as good as, or probably better, than it did when it first opened nearly 50 years ago. This time, thanks to the use of stainless steel for cladding, it should not lose its lustre over time.



MARC DETIFFE

1.

1. Recladding of the eight balls was a complex operation
2. Brussels' iconic building now sparkles



MARC DETIFFE

2.

CONTACT

UGINE & ALZ UK
9 Midland Way
Barlborough Links
Barlborough
Derbyshire
S43 4XA
Telephone:
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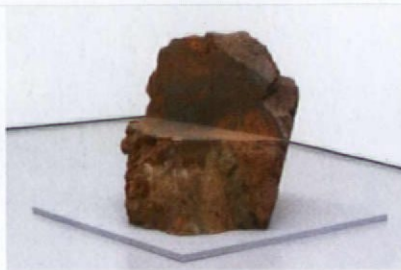
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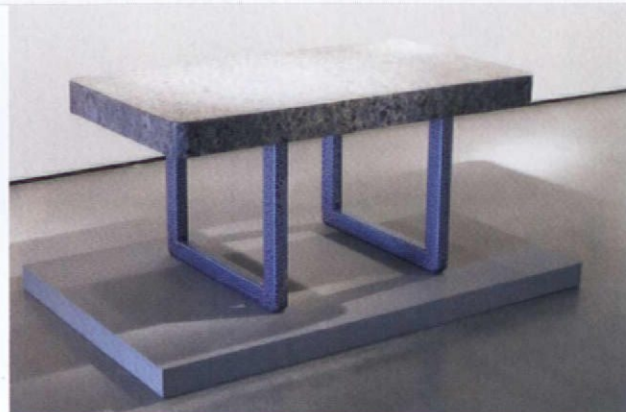
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1.



2.

1. Lava Rock Chair
2. Blue Granite Table

EXHIBITION

By Morgan Falconer

Scott Burton
At Albion, 8 Hester Road,
London SW11, until 2 June

Although the wave of recent retrospectives and surveys devoted to the art of the 1980s might appear to have been all-encompassing, what it has left behind is the period's bombast and Classicism. Painters such as Julian Schnabel and David Salle, and the kind of stylistic rhetoric that produced, in architecture, the likes of Canary Wharf, have been thoroughly rejected. So one might doubt the public's thirst for a survey of the art-furniture of Scott Burton, even one as extensive as this, with more than 20 objects ranging from the beginning of his concentration on furniture, in the mid-1970s, to the time of his death from an AIDS-related illness in 1989.

Burton first came to prominence in the 1970s, when he produced pared-down performances, often involving

a single actor interacting with furniture. Eventually the actors disappeared and the furniture was left alone, but rather than opting to flirt with design, as figures such as Jorge Pardo have begun to do today, Burton continued to work within the gallery system and produce one-offs.

He enjoyed considerable success throughout the 1980s, yet his work surely embodies much that curators now seem to want to ignore about that time: the grandiose gestures to the ancient and Classical past in works such as *Ziggurat Table*, a flat surface whose legs are ziggurats; the slick gloss of the thin-surfaced tripod *Hectapod Table*; the pastels, which appear in the *Child's Table and Chair*; and, above all, the period's will to power, which Burton sums up in

ironic fashion in a design entitled *Slave Table*, with thin, unadorned metal that's bent into the shape of a human figure on all fours.

Burton was diverse in his sources: occasionally he would draw on the American vernacular for objects such as the *Lawn Chairs*, while sometimes, for works such as the *Sling Chair* – a leather seat hanging from a tubular steel frame – he would raid Modernist designers such as Marcel Breuer. But the most important influence on Burton came from Brancusi, by way of Minimalism. A few works here, such as the bollard-like series of *Concrete End Tables*, remind one of the Romanian sculptor, but there is much more – the massive weight of the *Square and Cube Table* – that reminds one of corporate plazas.

To be sure, much of this is no recommendation for Burton, yet Albion's show is still a beauty to behold, so flattered is it by Norman Foster's superb gallery space. And many of the objects are undeniably remarkable: the pair of *Lava Rock Chairs* are gorgeous lumps of red stone, like asteroids with smooth surfaces sawn out of them. Burton was an intelligent interpreter of his decade's styles and moods, sometimes above them, more often in thrall to them, but whatever the case, this show brings back strong memories.

Morgan Falconer is an arts writer based in London



BOOK

By Andrew Mead

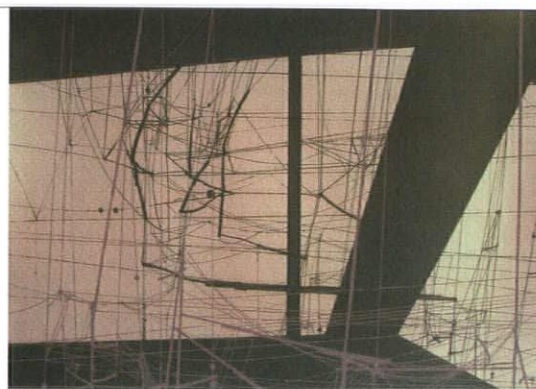
Sense of the City:
An Alternate Approach
to Urbanism
Edited by Mirko Zardini.
Lars Müller Publishers,
2005. 352pp. £32.50

Sense of the City is the book of an exhibition at the Canadian Centre for Architecture (CCA) which runs until September 2006. It aims to counter an emphasis on the visual when cities are discussed or planned, by highlighting the role of our other senses when it comes to experiencing them. But its approach is hardly systematic.

It falls into five sections, the first of which deals with cities at night by focusing on the dual role of artificial light in providing safety, but also surveillance. Then follows an interlude on the seasons, exhorting us to 'embrace ice and snow' rather than retreat to hi-tech cocoons. Subsequent chapters consider soundscapes of cities, their surfaces (the homogenising spread of asphalt), and their air quality. Barely linking these various

parts is the assertion that 'there has been a continuous erosion of the perceptual sphere, by sanitisation on the one hand and standardisation on the other'. A few attempts to reverse that trend, such as a lighting scheme in Brooklyn, are included.

At the CCA, apparently, the exhibits do engage more than the eye, though a reviewer in the *Architect's Newspaper* complained that 'the result is not nearly noisy, stinky, dark, tasty or gooey enough to give us a real sense of the city'. The book, of course, can only be visual, and while its images are disparate and sometimes surprising, the result can't but be one-dimensional. It tackles an important subject but in a sketchy, provisional way.



CRITIC'S CHOICE

By Andrew Mead

Many photos in Ian Nairn's famous *Outrage* issue of *The Architectural Review*, now half-a-century old, show streets or countryside overhung by a tangle of cables and wires – evidence to Nairn of 'how modern man can reduce technology to meaningless ugliness'. I thought of them for a moment on first seeing Kelly Chorpene's works in the gallery which forms a prominent part of Shillam + Smith's new premises at 122 Great Titchfield St, London W1 (see picture).

Chorpene's show is called *Suspended Animation* and in the window is one of her large, intricate, suspended constructions – a warped, fractured frame of metal wire with fragments of coloured ribbon, strands of wool and clustered beads attached to it. Her paintings combine the outlines of such constructions with the shadows they cast, so that one visual system overlaps another to make a complex, layered composition. The works are beautifully executed in ink and acrylic on panel: a mixture of the seemingly informal and the carefully crafted that suits Shillam + Smith's offices, where much evidence of previous use survives alongside the architect's new insertions (www.urbaneye.co.uk).

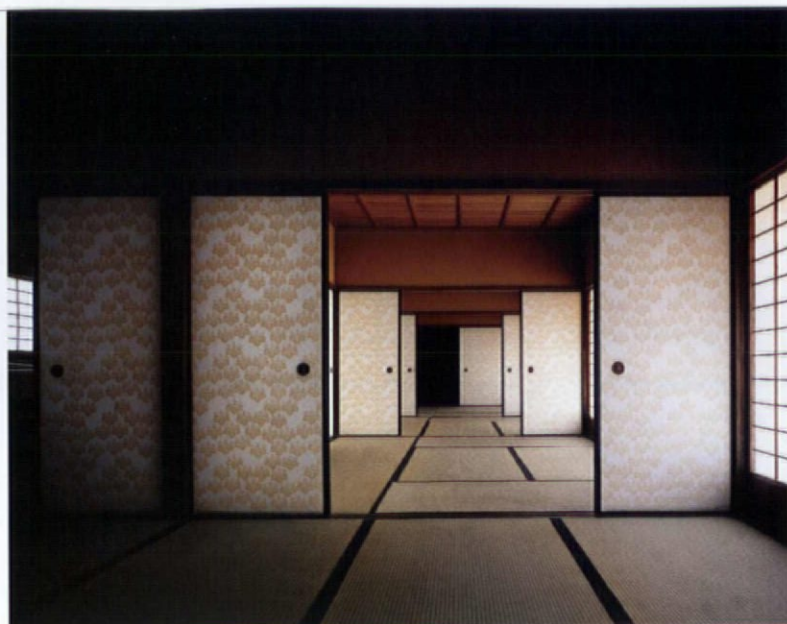
In contrast to Shillam + Smith's mostly time-marked walls, those of the gallery at Kettle's Yard, Cambridge, are a familiar white – and in one room at present, quite empty, apart from some small speakers close to the floor. For the current show, *1:1 – Translations of the Real*, the Italian group DE-ABC has transposed to the gallery the sounds of a canal flowing through a narrow tunnel in the industrial backlands of Milan's main station; the speakers are just where the mikes were, in this invisible reconstruction of an actual space.

It's one of those urban settings where noise and near-silence alternate: the rumble of trains overhead, a flurry of bells, the steady drip of water. This evocative piece would sit well in *Sense of the City* at the Canadian Centre for Architecture (see adjacent review), and the companion works at Kettle's Yard – including Fabio Sandri's full-scale photograph of a room and Luca Bertolo's deftly positioned photograph that has you reaching for a 2D handrail – are also worthwhile (www.kettlesyard.co.uk).

For forthcoming events visit www.ajplus.co.uk/diary



1.



2.

BOOK

By Andrew Mead

Katsura Imperial Villa
Edited by Arata Isozaki.
Electa, 2005. 398pp. £45

Illustrating Arata Isozaki's introduction to this splendid book on Katsura Imperial Villa are two sequences of photographs by Yasuhiro Ishimoto – one from a 1960 volume on the villa, the other from 1983. 'When we compare the two approaches of the same photographer, the difference is so radical that it is almost impossible to believe it is the same Katsura,' says Isozaki.

The 1960 images turn the villa into a series of near-abstractions. Its pitched roofs are almost eliminated, as is much of the landscape; in one shot it looks like a timber version of Crown Hall. This was a Modernist Katsura for an audience raised on Mondrian. By contrast, the 1983 images, though still very carefully composed, are less rigorous in their geometry and include

more context: here the villa is more a place than a page in an art book.

What Isozaki neatly demonstrates is that Katsura – which began life in the 17th century as a 'simple teahouse in the melon patch', and evolved into a central complex of buildings integrated with ancillary ones in a finely calculated garden – has been open to various readings, maybe misreadings.

Bruno Taut discovered it for Modernism in 1934 and the book includes facsimile excerpts from his *Japanese Diary*, along with texts by Gropius, Kenzo Tange and Isozaki which all annex the villa to a particular end – in Isozaki's case, precisely to refute the Modernist emphasis on transparency and system and offer a more nuanced account.

For most people, however, the book's many new photographs by Yoshiharu Matsumura will be the attraction. Regularly interspersed with plans to keep you oriented, they give a logically sequenced tour of the buildings and grounds. Aesthetically, they take the tendency of the 1983 images a stage further, so there's the sense (or illusion) that you're getting a full picture of the complex and the relationship of all its contributing parts.

That's not at the expense of detail, though: for instance, there are gorgeous close-ups of pathways and paving – the subtle disposition of shaped and irregular elements, the different textures and colours, the gleaming surface of some pebbles after the rain. And there are still the kind of images that

Taut and Gropius would linger over: the long interior views layered by luminous sliding screens. But equally striking are some roofscape panoramas that the Modernists would have censored: one spread especially, shot at ridge-tile level, gives a powerful sense of Katsura as an organism, a mostly pragmatic accretion of parts.

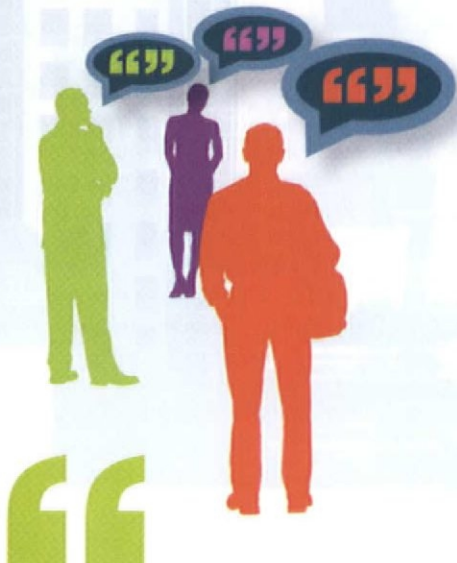
The photos are accompanied by a large number of drawings, which at times are rather too small but still make the construction of the buildings explicit and increase the impression of the book's thoroughness. And perhaps for occidental readers, just the words 'moon-viewing platform' on a plan have a poetry that's hard to resist.

1. A teahouse at Katsura
2. The servants' quarters

Wednesday 7th June 2006 / Millennium Gloucester Hotel, London SW7

community engagement and public consultation

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*A Vision of Britain, 1989

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HRH The Prince of Wales*



CONFERENCES





THEY WANT TO TELL YOU A STORY

This column runs on two broadband links: one by BT, the other by cable firm Telewest, aka NT, aka Blueyonder. Several months ago, Telewest stopped working at around 5.30pm every day. Then I discovered that BT had been double billing me following an upgrade last year.

The Telewest problem was too many people, straight home from work, logging on and congesting the local fibreoptic cable. And, apparently, the alternative fibreoptic link. The blokes in the call centres wove some marvellous stories but, tiring of these, I rang in to pull the plug. Later, a sixth sense persuaded me to recheck the date on which Telewest was to retrieve the cable modem. Never heard of it they said. And we can fix things for you, they promised. And there's a new modem on its way and you won't have to pay for a couple of months. Needless to say neither happened, although broadband access has improved.

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AN EALING COMEDY

Party-wall procedures are all very well so long as everyone knows what they are doing, and gets on with it properly, writes *Sue Lindsey*. But when things go awry, the provisions in the Party Wall etc Act are not as clear as they might be. The Court of Appeal has recently picked up the pieces between party-wall owners in Ealing (*Zissis v Lukomski* 5 April 2006), and given us guidance on how to pursue an appeal against a party-wall award.

The third surveyor made an award that did not deal with the fees of one owner's surveyor, Mr Carter. The third surveyor then declared himself 'incapable of acting'. The Act provides that under such circumstances the owners' surveyors should agree on a new third surveyor. Mr Carter wrote to his opposite number asking for his proposals. When none were received, Mr Carter made an award alone. He awarded himself £15,000 that he said Mrs Zissis had to pay.

Mrs Zissis did what section 10(17) of the Act told her to if she disagreed with an award, and appealed to the County Court. She did so under Part 8 of the Civil Procedure Rules, a procedure used for starting new claims. The judge found that Mr Carter's award was invalid, but overall he found against Mrs Zissis because he said the Part 8 procedure was the

wrong one to use. He said that Part 52, the appeal procedure, should have been used, because Mrs Zissis was pursuing a statutory appeal in challenging the award.

The Court of Appeal, having been shown three textbooks giving conflicting guidance on whether Part 8 or Part 52 is the correct procedure, seized the chance to make the position clear. The answer is that Part 52 applies to appeals under section 10(17) of the Party Wall Act. Furthermore, the Court clarified that the appeal to the County Court under Part 52 is a rehearing. That means the County Court can hear all the evidence and reach its own decision unconstrained by the findings of the award. (This means that the appeal to the Court of Appeal from the County Court was what is called a second appeal, which is an appeal from a decision made on appeal.)

Of comfort to anyone currently pursuing a party-wall appeal in the County Court under Part 8 (as wrongly recommended by two of three textbooks their Lordships looked at) will be that the Court of Appeal held that the County Court judge should not have dismissed Mrs Zissis' claim because of the incorrect procedure. He should have either allowed an amendment or let the matter continue under Part 52.

There are two likely sequels to this case. First, the parties are going back to the Court of Appeal to deal with whether Mr Carter's award is valid. Second, Lord Justice Brooke has asked the Deputy Head of Civil Justice to consider whether directions are needed about the level of judge who should hear challenges under the Party Wall Act, and whether more formal guidance is needed as to the appeal procedure under the Act.

Sue Lindsey is a barrister at Crown Office Chambers in London. Visit www.crownofficechambers.com

18th May 2006 Hotel Russell, London WC1



CONFERENCES

THE ARCHITECTURAL
REVIEW

designing tall buildings

Designing, planning and engineering tomorrow's towers

“Skyscrapers are back in fashion and every city in the UK is planning one.” *New Civil Engineer, 26th January 2006*

But local authorities think carefully about the impact of tall buildings before they grant planning permissions. Planners demand designs that harmonise with their context on the ground, even where they have a dramatic effect on the skyline. Building Regulations have forced designers to think hard about energy use. And of course, clients need to know that the resulting buildings will be viable.

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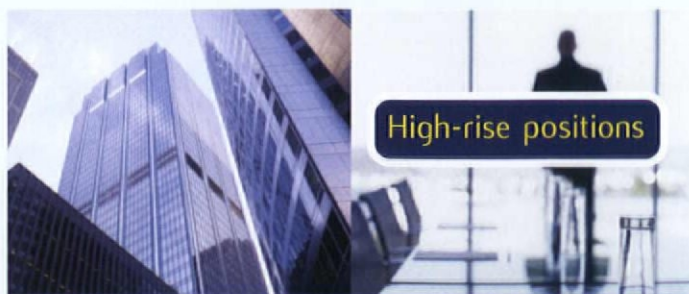


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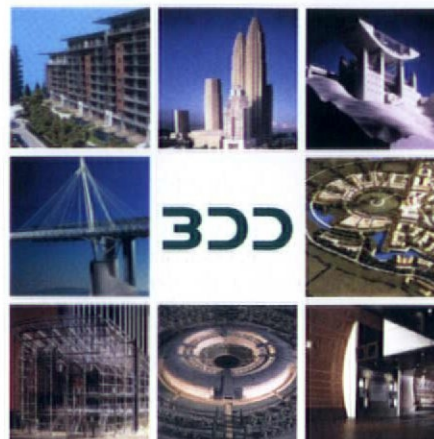
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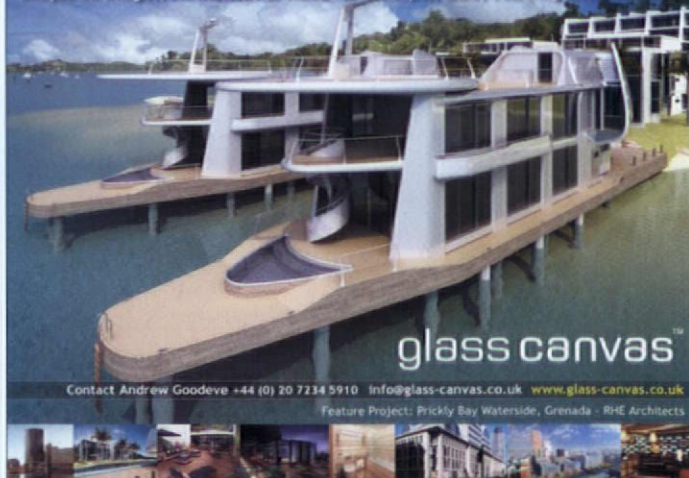
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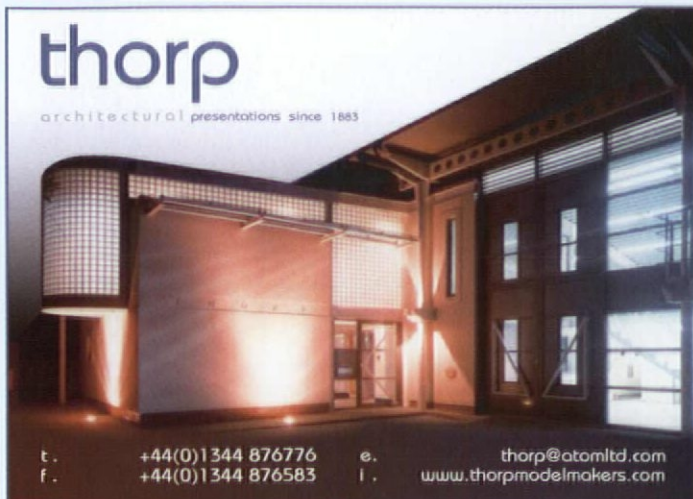
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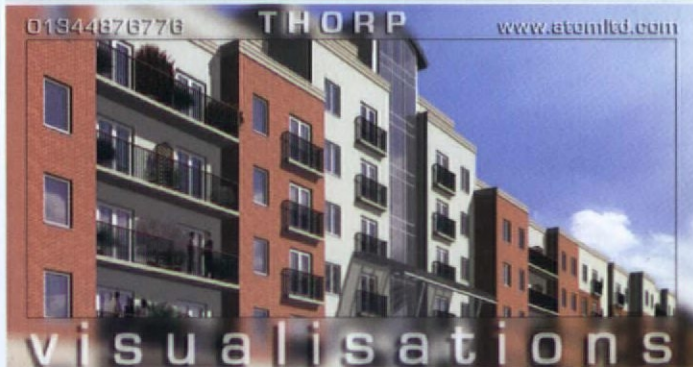
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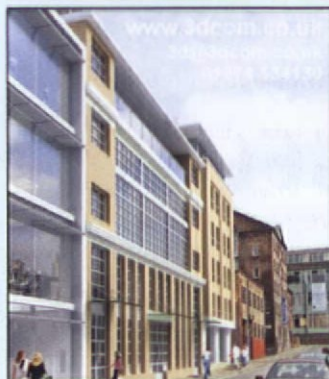


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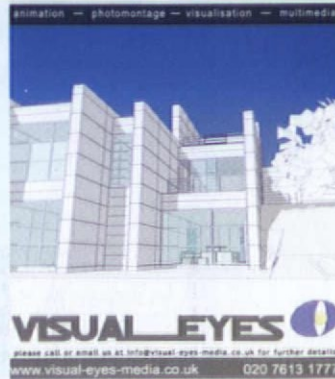


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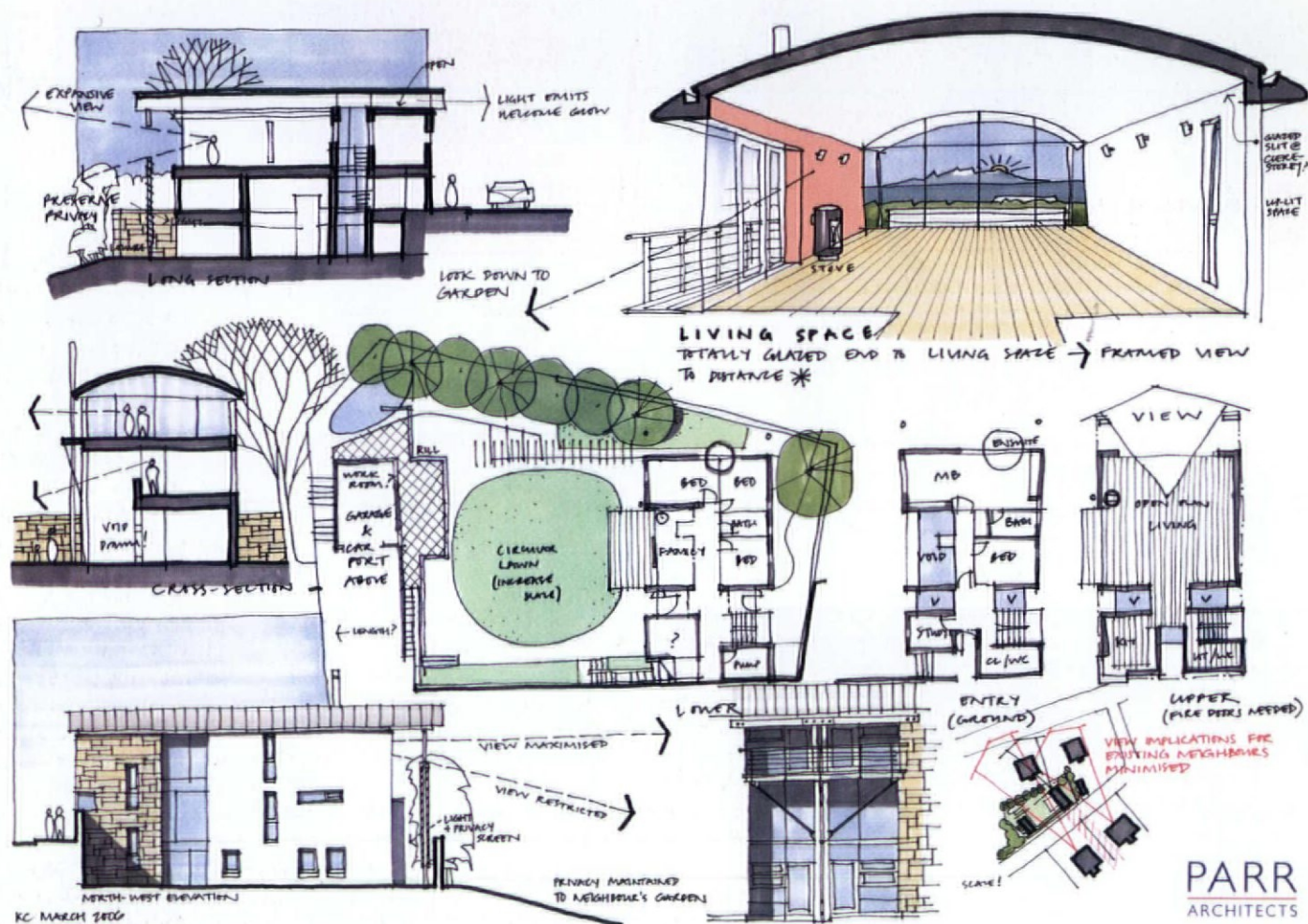
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Concept sketches for Taylor House, Ayrshire. By Kevin Cooper of Parr Architects

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