

RAB
BENNETTS
BENNETTS ASSOCIATES
ARCHITECTS
Cofounder and Director
1987 - present

EDUCATION

B. Arch (Hons) Dip Arch RIBA OBE
Edinburgh College of Art
Heriot-Watt University, 1977

EXPERIENCE

Royal Shakespeare Theatre
Stratford-Upon-Avon

-

University Departments, Potterrow
Edinburg

-

New Street Square
London

EXPERIENCE
(continued)

Central Library and Jubilee Street
Development
Brighton

-

Rawstone Place
London

-

Cass Business School, City University
London

-

City Place Offices
Gatwick

-

Wessex Water Operations Centre
Bath

-

BT Headquarters, Edinburgh Park
Edinburgh

-

Cummins Engine Company
Kent

-

Heathrow World Business Centre
London



Rab Bennetts(Bennetts)



Bennetts Associates London
Office (Bennetts)

POWERGEN HEADQUARTERS COVENTRY 1991-1994

Electrical generation company uses less

The simple form and straightforward plan encourage chance encounters and the exchange of information (AR, 1995). Simple east-west running rectangle with extensive external louvres on southern elevation. A luminous central atrium provides ventilation and daylight to conserve energy (AR, 1995). Thermal mass, stack ventilation, and night flush cooling meet cooling needs for all but hottest months (Bennetts). Narrow open office bays separated from atrium by concrete columns to promote light exchange and prevent sound reflections (AR, 1995). Heat from IT equipment used in building heat system (AR, 1995).

BRITISH TELECOM ALEXANDER GRAHAM BELL HOUSE EDINBURGH PARK 1996-1999

An internal street, complete with a daylit atrium and internal garden, aids in passage and workflow. Open zones, team zones, break out zones, and touchdown areas, rather than conventional departmentalized offices, improves productivity (SUST, 2006). Extensive natural daylighting was important to the client and architect not only to save energy, but to link the occupants to the outdoor environment (SUST, 2006). External louvres reduce glare and excess solar gain (SUST, 2006). Mechanical displacement ventilation is employed to reduce incoming outside noise. Cool air is introduced at the floor to waft away heat and CO2 (SUST, 2006).



POWERGEN
HEADQUARTERS (Bennetts)



POWERGEN
HEADQUARTERS (Bennetts)



BT Edinburgh, Alexander Graham
Bell Building (Bennetts)

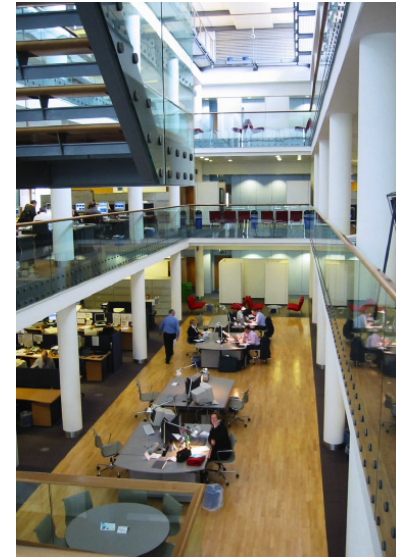
DESIGN PHILOSOPHY

SOME IDEAS WE ARCHITECTS SHOULD EMBRACE

“While such savings can be achieved by simple, unobtrusive measures, it seems to be the badges of eco-building that have captured the interest of many. ‘Politicians want the symbols and the gestures,’ says Rab. ‘The GLA wants solar panels and wind turbines. You might be able to save ten percent of emissions by using renewables, but I would rather save 50 percent first by good design. There are lots of passive measures such as ground source heat pumps and common-sense ventilation that work extremely well” (Yarrow, 2008).

“If every building had a good façade, sun-shading, thermal mass, and a simple and flexible servicing system, emissions would be reduced greatly” (Yarrow, 2008).

“Intelligent Buildings not only embraces the expected - smart materials, mechanical louvres or computerised control systems - but also the unexpected in the form of design and project management, new working methods and, inevitably, sustainability. This lack of precision gives the impression that almost anything at the leading edge of today’s design and construction industry constitutes an Intelligent Building.”(Bennetts, 2005)



BT Edinburgh, Alexander Graham
Bell Building (Bennetts)



Loch Lomond, Gateway and
Orientation Center, Dumbar-
tonshire (Bennetts)

OFFICE LOCATION AND TRANSPORT

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Edinburgh EH8 9NJ
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edin@bennettsassociates.com

Bennetts Associates is accessible by a 35 minute walk or a 27 minute combined walk and underground commute

REFERENCES

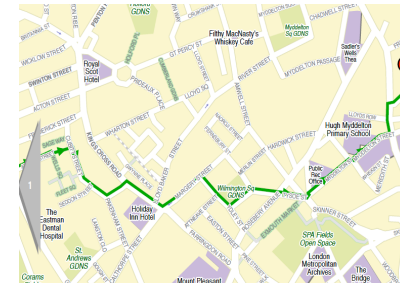
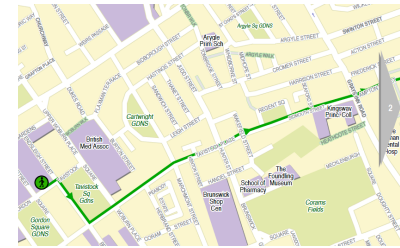
AR, Architecture Review, (June, 1995), Power structure - new headquarters building for PowerGen

Bennetts Associates, <http://www.bennettsassociates.com/>, Retrieved May 5, 2009

Bennetts, Rab. (2005, June). INTELLIGENCE RATING. Review of *INTELLIGENT Buildings: Design, Management & Operation (Book)*, and *INTELLIGENT Skins (Book)*, The Architectural Review, 217(1300), 92. Retrieved May 5, 2009, from Research Library database. (Document ID: 859506241).

SUST.ORG, *Alexander Graham Bell House: Edinburgh, Case Study*, Retrieved from www.sust.org/pdf/bt.pdf on May 5, 2009

Yarrow, Erika, (Sept 2008), WEM, The Environment Magazine, *Rab Bennetts on the Record*, Retrieved from http://www.wemmagazine.com/index.php?option=com_content&task=view&id=87&Itemid=13 on May 5, 2009



Time	Details	Information
	start WC1H 0PW Walk to EC1V 7NL	Average Journey time: 35 mins
	end EC1V 7NL	

Time	Details	Information
15:46	start WC1H 0PW Walk to Euston	Transfer time: 12 mins
15:58		🚶🚶🚶
15:58	Euston Underground Station Take the Northern Line towards Morden via Bank	Average Journey time: 4 mins Zone(s): 1
16:02		
	Angel Walk to EC1V 7NL	Transfer time: 11 mins
		🚶🚶
16:13	end EC1V 7NL	