

CV – Senior Architect, Master Planner, Interior Designer & Sustainability Engineer with Low CO² Built Environment Experience – Site Management with Design team & Contractor Interface experience

Ashley David Burns

TEL:

Mob: +44 (0)7792 391 693
Home: +44 (0)28 9267 6485
Skype: ashleyburns

Address:

Belfast/Lisburn, Northern Ireland
UK

Email:

Ashley.Burns@btconnect.com

Website:

<http://ashleydburns.weebly.com/>

<http://adb-eesbe-research.weebly.com/>

Linkedin - Ashley Burns:

<http://www.linkedin.com/pub/ashley-burns/18/b69/566>

Experienced Senior Architect, having a track record of a successful Master Planning career, heading Interior Design contracts for both Blue Chip, Commercial and Prime High-end residential and having a MSc qualification in Energy Efficient and Sustainability Building.

Educated in South Africa as a Technical Architect and then relocating to the UK to start a 27 year career developing and fine tuning architectural, technical, interdisciplinary, construction management and interface leadership skills while completing single residential dwellings to multi-million commercial schemes and regeneration master planning.

Excellent at analysing problems and creating workable cost-effective solutions by leading and inspiring teams to focus on clarity, quality, customer service and on-time delivery.

Interested in a challenging position which would blend multiple architectural design skills, project management and a building engineering physics backgrounds with stakeholder interface and relational skills while still committing to a low carbon future.

Key experiences

Sept 1997 (Oct 2013) – Current Urban Dynamics / Ashley Burns

Architectural and Sustainability + Carbon Reduction + Energy Engineering Consultant

Founded business (Sept 1997) to privately and independently pioneer passive and active low carbon technologies and create energy efficient buildings. Projects have featured in leading “Home” magazines. Many pioneering firsts recorded in creating these buildings. Contributor to articles and letters in leading energy and sustainability journals.

Current: Monitoring a typical residence to in order to build up base line information to compare Turkish residential construction and energy use against European and UK housing stock.

Shortlisted: Consultant for MWH Turkey – Residential Energy Efficiency Consultant (EBRB) &

International Consultant on Energy Efficiency and Sustainability (Architect) (EASE-A) - Ankara, TURKEY (UNDP)

Afgan Baba – Involved with the conceptual low carbon operational strategy and corporate identity. Design of fast food outlets & production facility buildings.

Clients: Afgan Baba – Producers of Indian Cuisine to the Turkish market.

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February 2011 – Sept 2013 Interiors with Art – London | India | Middle East

Head of Architecture: working in association with the sustainability and interior shell design divisions and providing technical support to eight designers for this niche design, construction and lifestyle company.

Department leadership role of growing and improving the architectural division of the company in the fields of standardisation, planning, shell and core design, product selection, sustainability and communication. Building relationship and understanding of prime high-end design and construction with IWA'S in-house teams of designers, project managers and builders while including party wall surveyors, planning consultants, structural engineers, landscapers, mechanical & electrical engineers and other external professional.

In charge of delivering interior fit out joinery package to a Middle East Palace commissioned by head of state (bespoke cabinetry and joinery, doors and architraves, wall panelling & cornice and ceiling mouldings).

Lead designer on layout reconfiguration, M&E fit out, basement extensions and refurbishment of prime high end residential of £8 million plus properties in London to high net individuals. (CfSH 4).

Property improvement, fit outs and enhancement to country estates and urban property portfolios for Middle East head of state.

Clients: *Varies high net individuals, Middle East Head of State*

September 2010 – February 2011 Interim (Urban Dynamics)

Architecture + Sustainability/Energy &
Carbon Reduction Engineering Consultant

Contributor to articles and letters in leading energy and sustainability journals and providing input to residential projects regarding sustainability, energy efficiency, carbon reduction, environmental impact and waste.

Volunteer: Residents Sustainable Champion for London School of Economics (LSE).

Architectural Consultant for Pro-Man UK, - London. Completing high end residential projects containing basement pools, saunas, steam rooms, gyms, cinemas and plant rooms.

Short listed for UNDP Energy Efficiency and Renewable Energy Architecture Design Expert - Ankara, TURKEY.

Architectural and energy consultant for proposed 5 unit carbon neutral development at Waringstown, N.I.

Pool room, pool floor and wall design specialist to Stonegres for the set out and detailing of porcelain tiles.

Clients: *Toland Properties, Ard Cherrymount Stud, Crawford W Campbell Associates, Pro-Man-UK and JM Architects.*

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July 2009 – July 2010

KSR Architects – London | China

Technical / Project Architect

Sustainability Team Leader

Sustainable Team – tasked with setting up new sustainability section and preparing KSR sustainable office procedures & documentation. Participated and administered CPD Seminars on Sustainability & Energy Efficiency.

Prepared the draft ISO 14000 documentation (Environmental Management System standard) – modifying it to suit an architectural practice and to reflect KSR own sustainable design services.

Project architect for High-end Housing – Basement pool, gym, cinema and plant room. Reinstatement of garden on new slab. Detailing to eliminate cold bridging.

Client: Owner of KSR Architects.

Nov 2005 – July 2009

McBAINS COOPER Construction and Property Consultants – Inter Disciplinary – Oxford | London | South America | MENA

Project Architect for £33m PFI for North Kent Police Station(NKPS) heading the architectural team + other police, residential tower and airport buildings

Actively played a role in the inception of the sustainability group and was an active member in driving the group forward with input and ideas.

NKPS Building delivered to Police Authority on time and to budget. Largest fee income for MBC ever taken from a single Business Unit (architecture). Building received 4 industry awards. In charge of an internal architectural team of 6, in-house and external consultant teams. Acted as interface for all design stake holders. Building designed to achieve BREEAM excellent rating. Held the role of Sustainable Champion from concept to completion.

Clients: Kent Police Authority, Metropolitan Police Authority, Cleveland Police Authority, Norfolk Police Authority, Suffolk Police Authority, LHR Terminal 4 SkyTeam lounge and British Transport Police.

Nov 2004 – Oct 2005

Tate Stevenson – Belfast, N.I. | Romania

Technical / Project Architect: Involved with new projects with client-facing role

Technical and Project Architect roles - New Office and Production Facility for Xperience an IT Services Company and extension to Smiley Monroe's warehousing. Pioneered new technologies and details to prevent cold bridging at balcony abutments.

Clients: Xperience, Smiley Monroe, Russell Bros Builders, Youth Action NI, North Down and Ards Institute.

Nov 2000 – Oct 2004

WDR & RT TAGGART – Multi Disciplinary – Belfast, N.I. | Dublin | London

Technical / Project Architect: Worked with many leading blue chip companies on their buildings, fit outs and master planning schemes

Lead Architect - M&S stores at Sprucefield, Newry, Foyle side, Ballymena and Newtownbreda. Project Architect for the extension of the Ballymena store – Works went ahead without a single day closure or financial loss to the client.

Project Architect for the highly serviced and specialised fit out of Fujitsu Building for Fujitsu/Siemens, Northbrook Technologies and other small Hi Tech companies creating offices, labs, clean rooms, canteens and conference facilities.

Set up AutoCAD, 3D modelling and www divisions to enhance existing software to provide company with a more competitive edge in presentation and work flow.

Developed master plans for Sprucefield, Lisburn (out of town shopping development), Lanyon Place, Belfast (regeneration master plan for a

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strategic riverside area of Belfast city centre) and Invest Northern Ireland - Rejuvenating of the ex Lummus Mackie Complex, West Belfast, (part of the sustained social and economic regeneration of the Upper Springfield through developing a long-term, area-based regeneration strategy)

Clients: Marks and Spencer, Lidl, Primark, Aer Rianta, Northbrook Technologies, Fujitsu/Siemens, William Ewart Properties Ltd and Airtricity.
Competition: (Learning Resource Centre) for University of Ulster, Magee Campus, L/Derry (Runner up).

Nov 1998 – Nov 2000 McMinn/JM Architects – Bangor, N.I. | Scotland

Technical / Project Architect: Transferred from JM Scotland to capture emerging large scale projects brought on by the Northern Ireland Peace process in N.I. and the Republic of Ireland

Master plans for redevelopment of the Long Kesh/Maze Prison site, Lisburn, N.I., Retail development at Sprucefield Park, Sprucefield, Lisburn, N.I., and proposed car and bike racing circuit. Holiday Village, Castle Gardens, Roslare, Ireland (50 Units).

Clients: Carpet RIGHT, PC World, Harveys, Currys, Homebase, Iceland, Lidl Bewley's, William Ewart Properties Ltd and MFI.

June 1998 – Oct 1998 JM Architects – Scotland | London

Technical / Project Architect: Selected for the ASDA fast-track extension team

Project Architect for ASDA Bearsden, Glasgow fast-track extension. Assisted other in house teams with design, planning and building control applications and site visits for the following fast-track extensions: Govan, Chesser, Dunfermline, Perth, Kendal, Blackburn and Carlisle.

Feb 1996 – June 1998 Douglas Abrahams & Partners – Scotland | Lithuania

Technical / Project Architect: Managed and oversaw the drawings and documentation for the standard temple for The-Church-of-Latter-Day-Saints as an international brief

Briefed from USA Head Quarters, instructions were implemented to incorporate UK context. Interface to HQ and regional client and dissemination stake holders.

Involved in completing new churches at Dumfries, Barrow-in-Furness, Carlisle, Kirkcaldy, Perth, Redcar, Newcastle, Aberdeen, Inverness and Stornoway.

Clients: The-Church-of-Latter-Day-Saints, Carpet RIGHT, Currys and MFI home works.

Oct 1992 – Feb 1996 Loughrey Agnew Architects – L/Derry, N.I.

Technical Architect & CAD Manager: Tasked to transform practice from drawing board and typewriter based workplace to a fully functioning CAD and word processing organization

Restoration of disused Bank designed by Sir Charles Lanyon (1853) converted to Bewley's Coffee Shop - Shipquay Street, L/Derry. Mixed Development: Sackville Court, L/Derry - Ground floor lock up shop units, Covered market, Upper 2 floors 18 Luxury Apartments. Start-up units for Maghera Development Association. Churches: Both modern and traditional. Church at Newtownstewart (New, traditional) Church at Maghera (New, Modern). N.I.H.E Sheltered Housing, Clooney Terrace, L'Derry (15 Unit). Thornhill College, Convent of Mercy, Girls' Grammar School, L/Derry.

Clients: Bewley's, Kular Northern Ireland Housing Executive, Maghera Development Association, Dept. of Education N.I. and Bank of Ireland.

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Jan 1988 – Sept 1992

Knox & Clayton Architects/Planners/Project Managers – Lisburn, N.I.

Start of architectural career in the UK. Member of the initial AutoCAD team using Unix based platform. Provided large slices of incentive and free time to provide wins for Design Build completions. Received full autonomy to work on the many projects completed.

D.O.E Headquarter Building - Clarence Court, Belfast (180,000 sq ft of office plus dedicated car park). Design Build Competition Winner. Discovered flaws in the brief regarding staff numbers and put in a recommendation for a building that could accommodate these numbers. KCA fronted the only team that could accommodate the expansion. Fire Tender & VCR Building for Short Brothers at "George Best" Belfast City Airport. Design Build Competition Winner. Proposed an expensive cladding option, however the insulated panels provided the correct acoustic ratings which again had not been mentioned in the brief.

Magowan Tyres, Glengormley - Designed the initial concept store for the Group/Hamilton Harty Court, Hillsborough (13 Units) mews based scheme. Used as an example in Government Publications – "Creating Places ~ Achieving quality in residential developments".

Clients: Boots, BP, Mercedes, Honda, Rover, Magowan Tyres, Castlereagh Borough Council, Prentice Estates, Sandown Group, Department of the Environment N.I.

June 1984 – Oct 1987

GLH & Associates Architects/Planners – South Africa

Internationally recognised practice which serviced some of the largest corporations and built some of the most noticeable buildings in the country.

Private Clinics: Garden City, Johannesburg. Rosebank Clinic, Rosebank.

Retail: Greatermans, Rosebank and the Pick 'n Pay, Benmore Gardens, Sandton. Townhouse Developments: Rivera International Villas, Vereeniging. Hotels: Rivera International Hotel and Country Club - Vereeniging (Sun International and Bendor Properties). Office Developments: Knightsbridge, Rosebank. JHS Executive Centre, Johannesburg.

Clients: Nedbank Properties, Sun International, Old Mutual and Clinic Holdings – Netcare

Education

Oct 2007 – Feb 2010 Part time

MSc – Energy Efficient and Sustainable Building - Merit, Oxford Brookes University, Oxford, UK

Jan 1984 – Oct 1987 Full Time

BSc Architectural Technology - University of Johannesburg, Gauteng, Republic of South Africa

Professional Bodies

The South African Institute of Architectural Technologists (S.A.I.A.T) - Senior Member (Corporate) 70376.

Architect: (Pr.S.Arch.T) - South African Institute of Architects (SAIA) in the category Professional Senior Architectural Technologist

In South Africa senior architectural technologists (10 years or more in practice) enjoy the same status as that of an architect. The South African Institute of Architects SAIA explains that: "Architecture can be practiced in one of four categories of registered person, namely professional architect, professional senior architectural technologist, professional technologist or professional draughtsperson. The possibility of progression from one category to the next has been provided for in the Regulations.

Chartered Institute of Building Service Engineers (C.I.B.S.E) Affiliate Member 036959

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Awards

1988 and 1989	DULUX AWARD: Certificate of Merit - creative use of COLOUR in DESIGN. DESIGN & BUILD WINNER: Belfast City Airport. (Design team member)
1992 and 1999	DESIGN & BUILD WINNER: Department of the Environment Headquarters Building – Clarence Court, Belfast. (Design team member)/ University of Ulster: Learning Resource Centre. (Design team member)
2004	PPP for Invest Northern Ireland (Runner up): (Design team member)
2009	PFI North Kent Police Station: British Precast – Best Practice Award – High Commendation – 12 May 2009. LABC BUILDING EXCELLENCE AWARDS – Finalist – Best Commercial Building over one million pounds – June 2009. Roses Design Awards 2009 – Public Building Category – Silver – October 2009. Concrete Society Awards 2009 - Commendation – Buildings Category – November 2009.

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List of Key Skills:

- Senior architect (design & technical) and Interior Designer: Commercial, Industrial, Airport, Office, Hotel, Banking, all Residential (high end /prime), religious, education and catering fit out experience. Sustainability engineer / Master planner (Sustainable and Energy Efficient Built Environment).
- Experienced – twenty seven years post qualifying UK experience in architecture, interior design and master planning with fifteen years emphasis on developing and delivering a low carbon built environment.
- International architectural, interior and master planning career (South Africa, UK, Ireland, Middle East & Turkey).
- Involved with nearly every prominent master plan in Northern Ireland and prestige development in Belfast between 1988 – 2004 with particular emphasis on the Lanyon Place Master Plan, a significant regeneration for the strategic riverside area of Belfast city centre which to date is the largest completed master plan in Northern Ireland.
- Correct analytical interrogation and challenging of the brief to win several ‘Design and Build’ projects.
- Strong and mature technical detailing background covering a variety of architectural styles, building types, geographical environments and delivery methods which have been recognised with numerous industry awards for the completed buildings.
- Exceptional interpretive skills – the ability to deliver an exact replica of the presentation/design image on the ground.
- Innovative and inventive – designed many pioneering buildings and have met and overcome all technical and physical challenges along the way, head on.
- Excellent communicator – internal and external team builder, at interfaces whether it be client, consultant or contractor, in the formats of verbal, graphic or written communications.
- Site awareness - site architect for most of the projects designed across working career so valued as design and contractor team interface. Known for solving site problems swiftly, cost effectively and with no further come backs.
- Inspiring, energetic leader with original thinking and the person who gets the best out of each team. Provides leadership by example and understand the strengths and weaknesses of each individual team member.
- Established career path of leading multi - disciplinary and multi cultural teams while delivering improved team and business performance.
- Vocabulary and multi-disciplinary knowledge to engage all design disciplines, turning multi-disciplinary problems into inter-disciplinary solutions.
- Work and articles featured in leading architectural magazines and governmental publications.
- Experienced on working on projects remotely (digitally) and has excellent communication skills and a pleasant demeanour when working with multinational teams in this manner.
- Building enhancement detailing experience: Prison cells, high security (bullet proofing) and terrorist fist strike (bomb proofing).

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- Worked on projects for many Blue chip companies, varies high net business individuals and reigning country leaders.
- Specialist in Low CO₂ – Planning, Design, Detailing, Managing & Monitoring – Completed buildings to the following codes: BREEAM (good/excellent), E.P.C (81+), CSH (4).
- Specialist in Building technology and Material selection, Façade detailing, Building physics and Air tightness detailing.
- Specialist in hi end kitchens with good understanding of horizontal and vertical food transportation.
- Most projects worked on will involve interior design and site monitoring, so 27 years' experience of delivering shell, interiors and site management (surveying, photographing, levels, services, quality inspections, as built inspections, contractor & sub contractor liaisons).
- Experienced at fitting out shells that require integrated mechanical and electrical plant where services, fittings and grills must blend seamlessly into the building interior fabrics.
- A knowledge bank for the integration of video and sound, Lutron, and IT by having prepared several schemes incorporating these mandatory features.
- Technical and practical knowledge on how to fit varying materials to ceiling, wall, floor surfaces being mindful of secondary support.
- Proficient at producing interior joinery packages.