

Iain Bradley – Curriculum Vitae



PRINCIPAL ENGINEER

BEng (Mechanical), MEng (Systems), CPEng, MIEAust, CIBSE, RBP

HIGHLIGHTS



Now a leader in building services design, Iain Bradley began his career in 1986. Over 25 years, Iain has gained extensive experience with a rich variety of projects both private and public sectors, in Australia, New Zealand, Singapore and Indonesia. His broad range of technical expertise, outstanding management skills and attitude of “putting clients first” make a valuable addition to any project team. Iain is a Chartered Professional Engineer and Registered Building Practitioner with professional expertise as follows:

- Building services design and design management
- Building services testing, commissioning and maintenance
- Project management and systems engineering
- Facility management and life cycle analysis
- Environmentally sustainable design (ESD)

PROFESSIONAL EXPERIENCE

2012 – Present Braird Engineers

Director & Principal Engineer responsible for Braird Engineers Pty Ltd operations

Iain had been the driving force to deliver quality projects and the team leader in planning, design, and project management of diversified projects.

1997 – 2012 AGB Group

Director & Principal Engineer responsible for AGB Melbourne Pty Ltd operations

Lead in building services design and project management for institutional, commercial and industrial projects. Main clients include MFB, University of Melbourne, Monash University, Kangan TAFE, Southern Cross Station, and various city councils.

1994 – 1997 Beca Simons (1996: Seconded to Beca New Zealand)

Senior Mechanical Engineer

After joining Beca Simons for 2 years, in virtue of his exceptional skills, Iain was assigned new responsibilities in Beca's New Zealand practice in 1996. His clients included The Australian Advanced Air Traffic System (TAAATS), Melbourne Sports and Aquatic Centre and University of Auckland.

1987 – 1994 Meinhardt (1989 - 1991: Seconded to BMP Indonesia and BMP Singapore)

Senior Mechanical Engineer

Iain had built up a solid technical foundation and strong international experience over the 7 years working for Meinhardt in Melbourne, Singapore and Indonesia. His work included Channel Ten TV Studio, Monash University, Deakin University, Plaza Indonesia (Jakarta), Pontiac Marina (Singapore) and Bumi Hyatt Hotel (Surabaya).

1986 – 1987 MTM Engineering Pty Ltd

Started as a site engineer working on the Tempco Casting Machines Project for BHP Bell Bay Tasmania.

MEMBERSHIP OF PROFESSIONAL ORGANISATIONS

Member Engineers Australia (MIEAust)

Member College of Mechanical Engineers (IEAust)

Member Chartered Institution of Building Services Engineers (CIBSE)

Registered Building Practitioner Victoria - Mechanical Engineer (RBP)



EDUCATION

Master of Engineering



Bachelor of Engineering



FEATURE PROJECTS



Melbourne Sports and Aquatic Centre

Building services design & contract administration

The MSAC facility was built in 1997 and upgraded for Commonwealth Games 2006 providing competition, diving and recreational pools. HVAC systems include heat recovery and economy cycle operation



Ballarat Regional Soccer Facility

Ballarat

A significant new landmark for both Ballarat and the region. Construction started in 2012.

Provide full building services design with numerous ESD initiatives including natural ventilation incorporating thermal chimneys, and passive underfloor heating



Kangan Batman TAFE

Broadmeadows Campus

Tri-generation study for the entire Broadmeadows Campus in 2011, involving assessment of options for power, cooling & heating, and tri-generation plant



St. John of God Hospital

Ballarat

Building services detailed design and project management for the new Emergency Clinic and modification of existing building services to accommodate new facilities; review of cogeneration for laundry facilities; liaised with authorities involving permits and approvals



Monash University

Clayton/Caulfield/Parkville Campuses

Managed services design for the refurbishment and upgrade of various facilities including Health Services, Administration, Pharmaceutical Lab, PC2 Animal Lab, Virtual Dispensing Lab and Social Learning space



Southern Cross Station

Melbourne

Facility management costing and maintenance systems review Involving foundation, shell, interior, building services, equipment, furnishings, special construction, site works and essential services of the entire Southern Cross Station



RMIT University

City/Bundoora/Brunswick Campuses

Building services design and project management for the refurbishment and upgrade of various venues; work involves HVAC, power supply, communications, general and feature lighting, fire detection and protection and alarm, exit & emergency lights, security, audio visual, acoustic, plumbing and controls



Reserve Bank of Australia & Note Printing Place

Melbourne & Craigieburn

Design and analysis for on-going upgrade and life cycle replacement including central Cogeneration, power supply, HVAC systems, compressed air systems, process hot water systems, plumbing, fire detection and protection, power supply, BMS, lighting, PLC



The Australian Advanced Air Traffic System, TAAATS

Building services design associated with air traffic control centres in Sydney, Adelaide, Cairns and Perth. Requirements for the continuous operation of these critical facilities included emergency and UPS power supply, RFI shielding and high reliability n+1 air conditioning plant