



## Jonathan Shahady

### Director

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<b>Areas of Expertise</b>	Tender Planning, Project Planning, Project Management, Claims Analysis, Dispute Resolution, Planning & Scheduling
<b>Industries</b>	Rail, Roads, Manufacturing, Infrastructure, Construction, ICT, Defence, Oil & Gas, Mining, Process Plants, Building, Major Civil Works, Health, Education
<b>Qualifications</b>	Bachelor of Engineering (Civil), UNSW MIE Aust (PEng)
<b>Memberships</b>	Member, Australian Cost Engineering Society, Engineers Australia Member, Association for the Advancement of Cost Engineering (ACE) International Member, Society of Construction Law (Aus.) Member of Resolution Institute Associate Member, Australian Institute of Project Management

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### Key Experiences

Jonathan is an industry respected and recognised program and project planning, delivery and management advisor. He joined TBH in 1986 and was appointed a Director in 1999. His planning and management skills have been developed across multiple industries and working with some of the best industry leaders and managers. Jonathan is a recognised expert in the planning and delivery of all levels and phases of the program and project life cycle including feasibility, planning, design, procurement, implementation, commissioning and operations.

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Jonathan has provided project planning and management services and advice on over 500 commissions involving over 50,000 projects. In addition to general project, engineering and construction management experience, Jonathan's background has led him into the specialist fields of project time, cost, risk, value and facilities management as well as commercial and contract management. He is a recognised expert in contractual matters and dispute resolution.

## **PROFESSIONAL HISTORY**

### **1986 to Present TBH**

Positions Held:	Director	1999 to Present
	Associate Director	1993 to 1999
	Senior Consultant	1989 to 1993
	Consultant	1986 to 1989

### **1984 to 1986 Lend Lease Residential Pty Ltd**

Positions Held: Project Manager / Assistant Site Manager

Jonathan worked for Lend Lease in various roles. Responsibilities included; project management, site management, project planning and cost estimating, contracts tendering and administration on several residential projects of medium to low density developments.

### **1982 to 2008 J & A Shahady Pty Ltd**

Positions Held: Director/Builder/Contracts Administrator/Estimator/Painter

Jonathan has worked on a casual basis for J & A Shahady Pty Ltd in various roles. He has maintained first-hand experience in building and related trades work on commercial, industrial and residential developments. Significant projects include The Sydney Aquarium and the MLC Towers in both Sydney and North Sydney.

## **PUBLICATIONS, TEACHING AND LECTURES**

- Presenter, ACES Project Controls Conference 2017
- Presenter, Society of Construction Law (Aust) Conference 2015
- Guest Lecturer, International Project Management, University of Sydney, 2015 - 2016
- Guest Lecturer, Project Delivery Risk, University of NSW, 2013 - 2016
- Conference Chair, ConTender: Construction Tenders, KL Malaysia, 2013

- Presenter, Assessing Risks in Infrastructure Construction: A study of the Ecology Database Project for Homebush Bay Bio-Remediation (A 2000 Sydney Olympics Project), ConTender: Construction Tenders, KL Malaysia, 2013
- Presenter, Leadership in Project Management, Aust. Institute of Project Management, 2013
- Conference Chair, Conference on Effective Contract Management, Sydney 2006 – 2011
- Guest Speaker, Leadership for Project Managers, University of NSW, 2010
- Presenter, The Expert Witness, Royal Institute of Chartered Surveyors (Aust) 2010
- Chapter co-author, 'Project Manager's Handbook: Applying Best Practices across Global Industries', McGraw Hill 2008
- Presenter, Aligning Project and Contract Management, Building Industry Seminar 2008
- Lecturer, Planning and Scheduling University of Technology Sydney, 1996 - 1999
- Co-author, Convener and Chairman, Conference on 'When Does Time mean Money?' Canberra 1992

Jonathan has presented at numerous seminars and training courses to various Governments, Academic Institutions and Private Organisations on the following subjects:

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|----------------------------------|--|
| • Program and Project management | • Planning and scheduling                  |
| • Contract administration        | • Dispute resolution                       |
| • Risk Management                | • Delay, Disruption & Acceleration Methods |

Jonathan has advised and contributed to several industry groups, including:

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|-------------------------------|--|
| • Standards Australia         | • AIPM   |
| • Society of Construction Law | • AACEI  |
| • APCC+Austrroads             | • Warren Centre for Advanced Engineering, University of Sydney |

#### **SYNOPSIS OF PROFESSIONAL EXPERIENCE WITH TBH**

Jonathan has provided strategic planning, delivery and management advice on over 500 commissions covering over 50,000 projects, including several major and significant Programs and Projects in his 30+ year career.

Whilst developing his general project, engineering and construction experience, knowledge and skills across multiple industries, Jonathan has accumulated considerable expertise and specialises in project planning and management as well as contract management and dispute resolution.

Jonathan's key areas of expertise and interests include:

### **Strategic Advice and Delivery Advice**

Jonathan has considerable experience in providing strategic planning and program management advice for major capital works, operational and organisational projects and initiatives.

Jonathan's expertise includes preparation of project definition and management plans, providing strategic delivery advice and procurement plans, roadmaps, program governance, organisation and work breakdown structures, budgets, cashflows and financial modelling, cost planning and control, program/project management maturity advice, project diagnostic tools and health checks, risk analysis and risk/contingency management strategies.

### **Project Planning and Scheduling**

Jonathan is a recognised expert in the planning, preparation and updating of programmes for all phases of the project life cycle including feasibility, planning, design, procurement, implementation, commissioning and operations.

Jonathan is experienced in all types of programs and schedules such as strategic hi-level programs, tactical programs, network diagrams, productivity and Earned Value Analysis, multi-activity charts, line of balance techniques, accelerated and/or fast-track programmes, subcontract programmes, design programmes, commissioning programmes and as-built programmes. He is also experienced in monitoring and verifying the progress of all parties involved in the project, identifying corrective actions and recovery techniques and preparation of multi-level progress reports.

Jonathan has a particular interest in planning and design management. He actively participates in the development of planning, design and documentation programming, monitoring and management techniques, especially for complex engineering and fast-tracked projects.

Jonathan's expertise includes project delivery, engineering and construction methodology and options analysis, analysis of resources, productivity optimisation and acceleration measures. He has also been responsible for the preparation of off-site/procurement activity schedules, inspection services and testing schedules, and checklists of requirements to be fulfilled for the achievement of Authority Approvals and Project Completion.

### **Project Management**

Jonathan has provided project management and co-ordination services from feasibility through to commissioning for a wide range of projects.

In addition, Jonathan has repeatedly fulfilled the support role to the Project Director in a number of management areas for large-scale developments.

These include establishing the project management office and project control systems, risk analysis and strategies for contingencies, resource requirements, industry capacity analysis, procurement alternatives, contract formation and administration, work breakdown structures, cost planning and control, plus change management systems.

### **P3M and PMO Services**

Program governance, program planning, organisation and work breakdown structures, RASCI Matrices. Planning and establishing PMO, PPM and ERP systems.

Program/project management maturity advice, health checks and project performance diagnostic tools.

### **Contract Management and Dispute Resolution**

Jonathan is an internationally recognised industry expert in project management and programming. He has prepared expert reports and acted as expert witness in legal proceedings, including expert conclaves, for both plaintiffs and defendants, on time and cost claims in construction and technology projects.

Jonathan has advised on time management clauses for many forms of contracts and agreements and has established and managed contract administration systems for many projects.

Jonathan has advised on recovery strategies and corrective actions following major project changes and delays.

He has advised in negotiations and in dealings with Referees, Experts and Mediators, provided expert determinations and supported legal counsel in technical areas of case preparation. He has prepared and/or analysed claims for time extensions, prolongation, disruption, acceleration and loss of productivity effects on resources, time and costs.

### **CAREER HIGHLIGHTS**

#### **Barangaroo Sydney Redevelopment 2010 - current (\$6,000m)**

- Strategic Delivery and Programming Advisor for Headland Park, Barangaroo Point
- Programme and Commercial Advisor to BDA on Barangaroo (South) Delivery
- Programme Advisor to BDA for Remediation Works
- Programme commercial and risk advice

#### **Royal North Shore Hospital Redevelopment 2007 - 2014 (\$1,000m)**

- Strategic advice on delivery options and structures, risks and contingency management

- Master programmer for all phases of the project from bid phase to commissioning
- Commercial, risk and contractual advice

#### **National Broadband Network 2009 – 2012 (\$60,000m)**

- Establishment of the PMO and PMO program manager
- Strategic advice on delivery options and structures, risks and contingency management
- Master control plan and cost planning
- Program and Project Management Systems, Policies and Plans advice and support
- Commercial Advice

#### **Sydney Desalination Project, 2005 - 2010 (\$2,000m)**

- Strategic advice on delivery options and structures, risks and contingency management
- Master control plan and cost planning
- Project management systems, policies and plans advice and support
- Assist with RFP process and RFP documentation
- Independent project (governance and management) health checks

#### **Olympic Athletes & Media Village, 1994 – 2010 (\$1,000m)**

- Master program and delivery advice to OCA
- Program and financial audits under the PDA of the PPP developer on behalf of OCA
- Preparation of risk, value, cost plans and cost management for OCA
- Program audits and contract administration advice and services
- Olympic fitout co-ordination and estate management planning
- Planning and delivery co-ordination for the remediation of the Newington and Millennium Parklands

#### **15th Asian Games, DOHA Strategic Plan, 2002 - 2003 (\$2,000m)**

- Strategic advice on delivery options and associated risks and contingency management
- Master organisation and delivery program
- Advice on project management systems and policies
- Delivery and constructability advice on Khalifa Stadium and sports precinct
- Co-ordination, preparation and compilation of strategic plan comprising of over 30 functional plans
- Member of strategic advisory group to DAGOC director general involving advice and presentations to Qatar Royalty, Government Ministers, OCA/IOC representatives and DAGOC executive

#### **Sydney Olympic Park, Homebush Bay Infrastructure Development 1996 – 2000 (\$500m)**

- Program and cost management services
- Delivery risk management advice
- Contract administration services

#### **ECO EXPO & International Garden Festival - Feasibility Studies 1996 – 2000 (\$220m)**

- Project manager
- Project delivery options and plans
- Project control program and budget/cashflow advice

#### **The Olympic Co-ordination Authority (OCA) Budget and Programme Review 1995 - 1996 (\$1,950m)**

- Preparation of the OCA's initial budget
- Strategic advice on delivery options and associated risks and contingency management
- Master delivery program
- Advice on cost management systems and procedures
- Special budgetary report on classifying and costing investments towards environmental and ESD initiatives

#### **Observatory Tower, Sydney 1994 – 1996 (\$60m)**

- Fast tracked design and construction programming and co-ordination
- Delivery management advice
- Contract claims services and advice

#### **The New Sydney Showgrounds, Sydney Olympic Park 1993 – 1998 (\$380m)**

- Strategic Advice to the State Government and OCA on Project Feasibility, Risks, Costs and Delivery Options
- Delivery and Construction Advisor to the OCA Showgrounds Planning and Development Team
- Procurement and Packaging Strategy to the Project Manager

#### **DEET HQ, 10 Mort St, Canberra 1993 – 1994 (\$20m)**

- DEET fitout planning and design co-ordinator
- Fast tracked design and construction
- Project programming and co-ordination

#### **ACT Public Hospitals Redevelopment Project 1990 - 1997 (\$170m)**

- Master programmer for all phases of the project since project inception

- Co-ordinate thirty works packages
- Design and commissioning programming of the three major packages (totaling \$70m)
- Planning and co-ordination of commissioning

**Digital Equipment Corporation South Pacific Headquarters, Rhodes 1988 - 1990 (\$50m)**

- Master programmer for all phases of the project since project inception
- Fast-track design and documentation programming for some 30 trade packages
- Planning and co-ordination of construction and commissioning

Project Name	Client	Role	Year
<b>Career Highlights</b>			
<b>Strategic Planning Projects</b>			
Mobilising – PPIR (Professional Performance, Innovation & Risk)	The Warren Centre for Advanced Engineering	Delivery team leader	2013 - 2014
NSW Nation Building and Jobs Plan Taskforce	NSW NBJP Taskforce	Management consultant	2009 - 2011
National Broadband Network	NBN Co	PMO Program manager	2009 - 2010
Sydney Desalination Project	Sydney Water	Management consultant	2005 - 2010
Olympic Village / Newington Development	Sydney Olympic Park Authority	Management consultant	1998 - 2010
Specialist Advisory Panel, London 2012 Olympics	LOCOG/ODA	Management consultant	2007
World Youth Day 2008	WYDCA	Management consultant	2007
Star Transit Rolling Stock PPP Bid	United Group	Management consultant	2005 - 2006
2006 Asian Games Doha	GHD	Management consultant	2002 - 2004



2006 Commonwealth Games Village	Australand	Program advisor	2002 - 2003
Athens 2004 Olympic Overlay	Jacobs Gibbs/PTW Architects	Program advisor	2001 - 2002
Olympic Media Village, Lidcombe	Olympic Coordination Authority	Management consultant	1998 - 2002
Bus 2000	Olympic Roads & Transport Authority	Management consultant	1999
Botanica 2000 Eco Expo	TRACEYS / QLD DPWS	Management consultant	1998
Planet Earth 2000	TRACEY'S/ NSW DPC	Management consultant	1996
Olympic Athletes Village	Olympic Co-ordination Authority	Management consultant	1994 - 2001
Relocation Of RAS Showgrounds To Homebush Bay	OCA/RAS	Management consultant	1993 - 1998
Act Public Hospitals Redevelopment Project	ACT Public Works	Management consultant	1990 - 1997

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### Special & Major Projects

SCG & SFS Redevelopment	SC&SG Trust/INSW	Program advisor	2016 - Current
Expanding Sydney Motorways	TfNSW/RMS	Program advisor	2016 - Current
Barangaroo Redevelopment (\$6,000m)	Barangaroo Delivery Authority	Prog. & Mgt advice	2010 - Current
50 Martin Place Over-Station Development	Macquarie Group	Risk management	2018
Northern Beaches Hospital PPP (\$1,500m)	Leighton Contractors	Time management	2013 - 2018
New Royal Adelaide Hospital (\$2,300m)	SA Health	Program Controls mgt	2016 - 2017

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Canberra Light Rail PPP	CMA	Program advisor	2014 - 2017
New Air Combat Capability Infrastructure	Lend Lease	Time management	2010 - 2015
Sydney Light Rail	TfNSW	Program advisor	2013 - 2014
Noble Bradman Stands, SCG	APP Corporation	Time management	2012 - 2014
Royal North Shore Hospital PPP (\$1,500m)	Thiess	Programming	2007 - 2014
FACE Research Facilities	Hansen Yuncken	Claims	2012
White Bay Passenger Terminal	Barangaroo Delivery Authority	Programming	2010
NSW Nation Building and Jobs Plan Taskforce, (\$5,000m)	NSW NBJP Taskforce	Management consultant	2009 - 2011
National Broadband Network, (\$46,000m)	NBN Co	PMO program manager	2009 - 2010
Sydney Desalination Project, (\$2,000m)	Sydney Water	Management consultant	2005 - 2010
Olympic Athletes Village, Homebush Bay	OCA	PM services	1994 - 2010
NSW Capital Projects Reporting System (\$14bpa)	NSW Gov.	PMO services	2009
Mardi to Mangrove Dams Pipeline (\$200m)	Wyong Shire Council	PM & risk advisor	2009
Qantas Check-in System & Terminals Upgrade, Australia	Qantas	Program advisor	2008 - 2009
Sydney Airport Domestic Terminal	Laing O'Rourke	Time management	2008 - 2009
New Hill 'Victor Trumper' Grandstand, Sydney Cricket Ground	SCG & SSG Trust/APP	Program advisor	2007 - 2008
Kellogg's Production Facility, Wyong	Kellogg's	PM/superintendent	2003 - 2004

Beijing 2008 Olympic Aquatic Centre 'The Cube'	PTW Architects	Program manager	2003 - 2004
Liverpool-Parramatta Transitway	Barclay Mowlem	Program Advisor	2002 - 2004
2006 Asian Games Doha	GHD / DAGOC	Prog/mgt advice/cost mgt	2002 - 2004
Energy Australia Stadium, Redevelopment	Cox Richardson	Value management	2003
2006 Commonwealth Games Village	Australand	Programming	2002 - 2003
Athens 2004 Olympic Overlay	Jacobs Gibbs/PTW Architects	Program advisor	2001 - 2002
Olympic Beach Volley Ball Venue, Bondi	OCA	Programming	2000
Olympic Tennis Centre, Sydney Olympic Park	NSW DPWS	Programming	2000
International Broadcasting Centre, Sydney Olympic Park	Walter Constructions	PM Servcies	1999 - 2001
Sydney Superdome, Homebush Bay	OCA / Abigroup	Programming	1994 - 2001
Sydney International Shooting Centre	Gazzard Sheldon	Programming	1997 - 1999
Relocation of RAS Showgrounds to Homebush Bay	OCA/RAS	Programming	1993 - 1998
ACT Public Hospitals Redevelopment	ACT Health	Program advisor	1990 - 1997
Penrith Lakes Regatta Centre Olympic Overlay	OCA	Programming	1999
Sydney Superdome Olympic Overlay Sydney Olympic Park	OCA	Programming	1997 - 1999
Stadium Australia Olympic Overlay, Sydney Olympic Park	OCA	Programming	1997 - 1999
Sydney KS Airport Olympic Overlay	SOCOG	Programming	1998

Sydney Olympic Park, Homebush Bay	OCA	Programming	1993 - 1998
EPA Laboratory, Lidcombe	Cedra Constructions	Programming	1995
Reef Casino, Cairns	Casinos Austria	Management consultant	1994
AGSO Special Purpose Building / Laboratory	AGSO	Prog & mgmt advice	1993
Canberra Casino	White Property Group	Programming	1992 - 1994
Sydney Aquarium	J & A Shahady	Estimator/contracts manager	1987 – 1988

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### **Engineering & Mining Projects**

Basra Oil Fields Expansion Project, Iraq	SNC-Lavalin	Claims advice	2018 - current
Cadia Gold Mine, NSW	Farrelly Construction Services	Time management	2017 - current
Sarulla Geothermal Power Plant, Indonesia	Sarulla	Claims advice	2017 - current
Orora Glass Plant, SA	AGC	Claims advice	2015 - 2016
Kwale Sand Mine and Processing Plant	Ausenco	Claims advice	2014 - 2016
Karrara Iron Ore Mine	Brierty	Claims advice	2014 - 2015
Wynyard Walk – Tunnel and Bridge	Thiess	Time management	2014 - 2015
Perth International Airport	Built Environs	Time management	2013 - 2015
Headland Park, Barangaroo, NSW	BDA/Infrasol	Program advisor	2010 - 2015
CSE- Sydney Light Rail	TfNSW	Time management	2013 - 2014

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Kellogg's Botany Production Facilities	Kellogg (Aust)	PM services	2011 - 2014
Marandoo Mine Infrastructure Project	Kerman	Claims advice	2013
Gorgon LNG Project	Chevron	Claims	2013
Bulahdelah Bypass Project	Boulderstone	Claims	2011 - 2013
Bankstown Underpass Renewal	Areco (NSW)	Claims	2012
Browns Farm Reserve	Seymour Whyte Constructions	Time management	2011
Wollar - Wellington 330KV Transmission Lines	Transgrid	Claims	2010
Kooragang Coal Terminal – Port Waratah Expansion	Dept. of Premier & Cabinet, NSW	Time management	2009 - 2010
Cowal Gold Mine, NSW	CSWJV	Program advisor	2006 - 2010
Sydney Desalination Project	Sydney Water	Management consultant	2005 - 2010
Pluto LNG Civil works, WA	Leighton	Program advisor	2009
Prince Alfred Park Pool	City Of Sydney Council	PM and risk advisor	2008
Australian Technology Park Infrastructure Works	Fulton Hogan	Programming	2007 - 2008
World Youth Day 2008 – Capital Works, Sydney	WYDCA	Management consultant	2007
Kings Cross Tunnel Upgrade	O'Donnell Griffin	Programming	2007
Wagerup Generation	John Holland	Claims	2007
Southern Gold Mine Expansion Project, Boddington	Schneider Electric (Aust)	Programming	2007
Southern Suburbs Railway, Perth	O'Donnell Griffin	Programming	2007
Discovery House	Boulderstone	Time management	2006

Rouse Hill Stage III Infrastructure	Rouse Hill Infrastructure Corp.	Claims Advice	2006
M2 Tolling System Upgrade	Evans & Peck/Transurban	Programming	2005
Liverpool-Parramatta Transitway	Barclay Mowlem	Program advisor	2002 - 2004
Mica Creek Power Station, Mt Isa QLD	Foxboro	Claims	1999 - 2000
Sydney Olympic Park Infrastructure, Homebush Bay	GHD	Project controls mgr.	1995 - 2001
Sydney Olympic Park, Homebush Bay Redevelopment	OCA	Management consultant	1993 - 2001
Cook & Phillip Park, Sydney	Boulderstone	Programing & claims	1998 - 1999
Webb Dock, Melbourne	Clayton Utz	Claims	1998
Harris Street Substation	Boulderstone	Claims	1995
South Blackwater Mine, QLD	Roche Bros.	Program advisor	1994
No. 6 Blast Furnace, Port Kembla, NSW	Blake,Dawson,Waldron	Claims	1989
Transgrid Sth. Sydney CBD Cable Tunnel	Walter Constructions	Claims	2003 - 2004
Sydney Olympic Park Infrastructure, Olympic Overlay	GHD	Programming	1999 - 2001
Newington Remediation and Millenium Parklands	OCA	PM services	2000 - 2001
Pacific Hwy By-pass, Stanthorpe	Roche Bros	Programming	1995
Tumalong Park, Darling Harbour	Darling Park	PM services	1986 - 1987
Sydney (Kingsford Smith) Airport runways upgrades	Federal Airport Corp.	Programming	1986

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**Commercial Building Projects**

333 George Street, Sydney	Watpac	Claims	2016 - current
Barangaroo (South) Development	Barangaroo Delivery Authority	Time management	2012 - current
405 Bourke Street, Melbourne	Brookfield Office Properties	Time management	2013 - 2014
No 1 Carrington, Sydney	Brookfield Office Properties	Time management	2013 - 2013
85 Castlereagh Street, Sydney	Westfield	Program advisor	2009-2013
St Leonards Commercial Centre	Seymour Whyte Constructions	Time management	2012
Qantas HQ Mascot	QANTAS Airways Ltd/APP	Claims	2012
Westpac House, Melbourne	Westpac Banking Corp.	Program advisor	2011-2012
TransGrid HQ Haymarket	Bates Smart	Program advisor	2011-2012
UNDA Pioneer House, Alexandria	Equiset Services Sydney	Claims	2011
ATP 7- Tenant Fitout	Watpac Construction Pty Ltd	Time management	2009 - 2010
100 Market Street	Westfield Design & Construction Pty Ltd	Time management	2009 - 2010
Edmund Barton Building, Canberra	St Hillier's	Program advisor	2008 - 2010
Section 68, ACT	Boulderstone	Time management	2005 - 2007
Department Of Employment & Workplace Relation (D.E.W.R)	United Group Limited	Procurement	2006
The Zone, Sydney Olympic Park	Watpac	Program advisor	2005 - 2006

Optus HQ, Centre Court, North Ryde	Baulderstone	Program advisor	2004 - 2006
Scarborough House, Woden ACT	Baulderstone	Programming	2004 - 2005
SCA (Navy) Relocation	Dept of Defence	Proj Co-Ord/mgmt	2000 - 2001
Goodman Fielder Building, Macquarie University	Baulderstone	Programming	1999
Citibank Tower, Sydney	Incoll Management	Program due diligence	1997 - 2000
Prima Tower - Sydney	Baulderstone	Programming	1995 - 1996
Australian Taxation Building, Canberra	Baulderstone		1993
Grosvenor Place, Sydney NSW	Concrete Constructions	Programmer	1986 - 1988
NSW Govt., CBD Assets Strategy	APP	Programmer	1994 - 1995
Optus Centre, North Sydney	I.E.L	Programmer	1989 - 1990
ANA Hotel, Sydney	CRI	Programmer	1989
Forest Business Park Development, Frenchs Forest	Girvan	Programmer	1989
210 Clarence Street, Sydney	Nettleton Tribe Architects	Programmer	1989
Digital South Pacific Headquarters, Rhodes	White Properties	Programmer	1988 - 1990
Gateway Tower, Sydney	Concrete Constructions	Programmer	1988
Various	J & A Shahady	Estimator, contracts manager	1982 - 2008

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## Residential Projects

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Landmark, St Leonards	Landmark	Program & Claims advice	2018 - current
286 Sussex St Sydney	Parkview	Program & Claims advice	2018 - current
Arlington Grove	Ceeroose	Program & Claims advice	2018 - current
New Life Ultimo	TWT	Program advice	2018 - current
York& George Sydney	Watpac Constructions	Claims advice	2017 - current
Avantra Apartments	Dedico	Program advice	2014 - 2016
East Central Apartments	bda solutions	Program/claims	2014 - 2015
Macquarie Park Village	Parkview Constructions	Program advice	2015 - 2016
East Village Development	Crown Group	Program/claims	2014
Casba on Danks	Parkview Constructions	Program/claims	2013 - 2014
One Central Park, Sydney	Watpac	Program advisor	2010 - 2013
The Quay Apartments	Coffey Projects	Commercial advice	2012
NSW Social Housing Initiative – Watpac	Maddocks Lawyers	Commercial advice	2012
100 Castlereagh St. Liverpool	Seymour Whyte Constructions	Time management	2010 - 2011
Discovery Pt. Wolli Creek	Australand Holdings Ltd	Programming	2010
222 Botany Rd, Alexandria	Baseline Constructions	Programming	2007 - 2010
Sydney Olympic Athletes Village & Newington Development, Newington	OCA/SOPA	Management consultant	1998 - 2010

UNSW Student Housing	Watpac Construction (NSW)	Time management	2009
32 Marian St Killara	Provent Property Group	Time management	2008
Watermark Apartments, Townsville	Phoenix Constructions	Claims	2008
41 Middle Head Road, Mosman	Abuild Pro	Programming	2008
Riviera Apartments, Melbourne	River St Developments	Claims	2007 - 2008
Pacific Square, Maroubra Junction Stage 2	Abigroup Contractors	Programming	2007
East Quarter, Hurstville	Baseline Constructions	Programming	2007
Anzac Parade Dev. Maroubra Junction	Bernaro Young Design Group	Claims	2006
Watermarque, Mosman Bay	ZS Constructions	Programming	2007 - 2008
212 Mona Vale Rd, St Ives	ZS Constructions	Programming	2007
Avalon Pde, Avalon	ZS Constructions	Programming	2004 - 2006
2 Maralong Rd, Mosman	ZS Constructions	Programming	2004 - 2006
ANU Unilodge, Canberra	Boulderstone	Programming	2004 - 2006
54 Spit Rd, Mosman	ZS Constructions	Programming	2001 - 2002
Landmark Apartments, Wollongong	Jempac	Programming	2005
Kingston Foreshore Development, ACT	Berents Project Management	Programming	2003 - 2004
Aqua Apartments, Clovelly	Piper Alderman	Claims	2001 - 2002
66 Kurraba Rd, Neutral Bay	Lakeside Commercial	PM Services	2001 - 2002

Liberty Grove - Stage 7, Homebush Bay	Richard Crookes	Programming	2000
Birkenhead Quays, Birkenhead Point	Boulderstone	Programming	1999 - 2000
The Lexington - Kent Street, Sydney	Corrs Chambers	Claims	1997 - 2000
Abbotsford Cove Apartments	IPM Pty Ltd	Programming	1999
Great Southern Hotel, Sydney	Group One	Programming	1997 - 1998
Observatory Tower, Sydney	Programme Manager	Program manager	1994 - 1996
Pacific Waves, Manly	Barclay Mow	Claims	1997 - 1999
Wondakiah Project, Waverton	Gemini Mgt Services	Programming	1997 - 1998
No. 2 Bond Street, Sydney	Boulderstone	Programming	1996 - 1998
Crown Gardens, Sydney	Fletcher Construct	Claims	1995 - 1998
Hopetoun Quays	Boulderstone	Programming	1995 - 1998
Renzo Piano Apartments Macquarie St. Sydney	Civil and Civic	Programming	1999
Mariner's Cove, Homebush Bay	Laing O'Rourke	Programming	1997 - 1999
Chancellory Apartments, Newtown	Laing O'Rourke	Programming	1997 - 1999
Ivanhoe Rd Development, Macquarie Park	DPWS	Claims	1988 - 1990
Various Residential Developments	Lend Lease Residential	Assist. site manager	1984 - 1986
Various	J & A Shahady	Estimator, contracts manager, builder	1982 - 2008

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**Retail Projects**

WA Retail Delivery Strategy	Scentre Group	Programme advice	2015
Retail Ready Meats Handling Plant	GPT	Programme & Claims advice	2015
Harold Park 'Tramshed' Redevelopment	Quasar Constructions	Programming	2016
East Village Redevelopment	Crown Group	Programming	2014
West Keira Shopping Centre, Wollongong	Hansen Yuncken	Time management	2012 - 2014
Pacific Fair, Gold Coast	Westfield	Programme advice	2012 - 2014
Macquarie Shopping Centre Stage 3	Westfield	Programme advice	2012 - 2013
Centrepoint Redevelopment, Sydney	Westfield	Programming	2009 - 2013
Hurstville Central	Built NSW	Programming	2008
Pacific Square Stage 2	Abigroup Contractors	Programming	2007
Picton Shopping Centre	Corbert Court	Claims	2006 - 2007
Westpoint Shopping Centre, Blacktown	Boulderstone	Program manager	2003 - 2006
Macquarie Shopping Centre Redevelopment – Stage 2, Ryde NSW	Boulderstone	Program advisor	1999 - 2000
Norton Plaza, Leichardt	Boulderstone	Claims	1999
QP1 Distribution Facility, Minchinbury	Boulderstone	Programming	1997 - 1998
Woolworths Goulburn	Cedra Construct	Programming	1995
Greenwood Plaza, North Sydney	IEL	Programming	1989 - 1990
Fairfield Shopping Centre	Abigroup Contractors	Claims	1988

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### Defence Projects

New Air Combat Capability Infrastructure	Lend Lease	Time management	2010 - 2015
Defence Infrastructure Support & Maintenance, NSW	Brookfield Johnson Controls	Program/project Management	2002 - 2014
AWD & LHD Garden Island	Abigroup Contractors	Time management	2011
Oxygen Storage Facilities, RAAF Base Richmond	DMM/DoD	PM Services	2005
SCA (Navy) Relocation	Dept of Defence	PM Services	2000 - 2001
Buildings 88-90, Garden Island Naval Base	Dept. of Defence	PM Services	2001
Building 1, HMAS Waterhen	Dept. of Defence	PM Services	2001
Buildings 13, 14 and 98 - RAAF Base Richmond	Dept. of Defence	PM Services	2001
1st Field Hospital, RAAF Holsworthy	PTW Architects	Time management	1994 - 1995
Dept. of Defence, HQ Redevelopment Study, Russell ACT,	Dept. of Defence	Management consultant	1993
New T.A.D.S., RAAF Base Curtin WA	Dept. of Defence	Management consultant	1993
Garden Island Infrastructure upgrade	Dept. of Defence	Time management	1986 – 1987

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### Health Projects

SRACC Herston Quarter, Brisbane	QHealth	Program advisor	2017 - current
Northern Beaches Hospital PPP	Thiess/Healthscope	Program advisor	2013 - 2018
New Royal Adelaide Hospital (\$2,300m)	SA Health	Program advisor	2016 - 2017

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Royal North Shore Hospital PPP	CPB / Thiess	Program advisor	2007 - 2014
Royal Darwin Hospital	NT Health	Programming	2013
Gold Coast Hospital	QLD Health	Program advisor	2012 – 2013
Macquarie University Hospital	Macquarie University/Aurora	PMO/Program advisor	2009 - 2010
Mater Hospital Newcastle	Abigroup Contractors	Programming	2007
RPA Emergency Unit	Boulderstone	Programming	2005
Medi-hotel Feasibility Study, John Hunter Hospital, Newcastle	Hunter Health	Strategic advice	2001
1st Field Hospital, RAAF Holsworthy	PTW Architects	Programming	1994 - 1995
Sydney Hospital Redevelopment	NSW Health	Programming	1994
Radiation Oncology Unit - Townsville Hospital	TGP + Hulme	Programming	1993 - 1994
Diagnostic and Treatment Building, Canberra Hospital A.C.T.	ACT Health	Programming	1991 - 1994
ACT Public Hospitals Redevelopment Project	ACT Government	Program manager	1990 - 1997
Wyong Hospital, Stage 2	TGP Architects	Programming	1988
Gosford Hospital, Stage 3	TGP Architects	Programming	1987 - 1995
Diagnostic and Treatment Building, St Vincent’s Hospital, Darlinghurst	ACT Health	Programming	1986 – 1988

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### Community Facilities Projects

Sydney Modern Gallery, NSW	INSW	Programme Advisor	2018 - current
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Parklea Correction Centre	Hansen Yuncken	Claims	2017
Bankstown Library	Watpac	Claims	2012 - 2013
Mount Druitt Commuter Car Park	Seymour Whyte Constructions	Time management	2011
Coronation Centre Prince Alfred Park	City of Sydney Council	Management consultant	2010
Cessnock Correctional Centre -	Abigroup Contractors	Time management	2010
Mount Gravatt (East) Swimming Centre, Brisbane	Seymour Whyte	Programming /Claims	2008
Queen Square Law Courts	PTW Architects	Time management	2007
Commonwealth Law Courts, Parramatta	Belmadar Contractors	Programming	1987
New ACT Legislative Assembly	Hindmarsh	Program manager	1992 - 1994
Family Law Courts, Sydney		Programming	1988
Barwon Prison		Programming	1988

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### Environmental Projects

Barangaroo Remediation Works	Barangaroo Delivery Authority	Time management / Commercial advice	2010 - current
Penrith Lakes Mine Remediation Project	Penrith Lakes Development Corporation	Time management / Commercial advice	2011 - 2018
Nyngan Solar Power Plant	First Solar	Commercial advice	2015
PCCS Remediation Project	Ferrier Hodgson	Claims	2011
Hunter River Remediation Project	Dept. Premier & Cabinet – NSW Govt.	Management consultant	2011
Homebush Bay Remediation Project	Olympic Co-ordination Authority	Management consultant	1993 - 2001
Ecology Database Project/Env. Remediation Strategy	Olympic Co-ordination Authority	PM services	1998 – 2000

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**Education Projects**

UTS Building 2 Redevelopment	Richard Crookes Constructions	Programming	2016 - current
ACU Masterplanning	Avium Projects	Programming	2015 - current
Cammeray Public School	Lipman Constructions	Programming	2015
Rosebank College	Equiset Construction Sydney	Time management	2012 - 2013
Building the Education Revolution - NSW	NSW Government - NBJP Taskforce	Management consultant	2011 - 2012
University of Sydney – Central Campus	Abigroup Contractors	Time management	2008
Monash Law School Project	Bligh Voller Nield Architecture	Programming	2008
University of Sydney – East Campus	Abigroup	Programming	2007
CTCP Building, Wollongong University	Boulderstone	Programming	2007
New Library & ASRS tender, Macquarie University	CRI	Programming	2007
DET School Laboratories Upgrade Programme, NSW	Dept of Education & Training	Programming	2007
IFFM Building, Wollongong University	Boulderstone	Programming	2006 - 2007
Innovation Campus, Wollongong University	Boulderstone	Program advisor	2006 - 2007
Community Central Library, Liverpool		Programming	1995
Hunter Institute Of Technology	Public Works Dept	Programming	1995

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**ICT Projects**

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Global Switch, Sydney	Abigroup Contractors	Time management	2012
SY3 Data Centre	John Holland Pty Ltd	Time management	2012
NBN v John Holland	Corrs Chambers Westgarth	Claims	2012
VHA 3G Rollout	Ericsson	Time management	2011
Westpac Data Centre, NSW	Westpac	Program advisor	2010
SY3 Internet Exchange Facility	Equinix	Time management	2010
WBC Data Storage Facilities	Westpac Banking Corporation	Time management	2010
National Broadband Network	NBN Co	PMO manager	2009 - 2010
SYD02 Data Centre, Mascot	Equinix	Program Advisor	2009

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#### Road Projects

M5 Duplication Project – Electrical	Heyday	Program Advisor	2018 - current
Sydney F6 Extension	TfNSW / RMS	Program Advisor	2017 - current
Sydney NBL	TfNSW / RMS	Program Advisor	2017 - current
Sydney WHT	TfNSW / RMS	Program Advisor	2017 - current
Sydney Airport Gateway / M4- M5 Link	TfNSW / RMS	Program Advisor	2016 - current
Northconnex, NSW	RMS	Program & Risk Advice	2017 - current
Northlink Motorway, WA	Valmec	Claims advice	2017 - 2018
Schofields Rd Upgrade	RMS	Claims advice	2017 - 2018
Werrington Rd Upgrade	RMS	Claims advice	2017

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Canberra Metro Light Rail	CMA	Time management	2014 - 2017
Perth Airport - Infrastructure	Brierty Ltd	Time management/Claims	2015
Wynyard Walk – Tunnel & Bridge	Thiess	Time management	2014 - 2015
Sydney Light Rail	TfNSW	Time management	2013 - 2014
Marandoo Mine Roadworks	Kerman	Claims advice	2013
Bulahdelah By-pass	Boulderstone	Claims	2011 - 2013
Bankstown Underpass Renewal	Arenco (NSW)	Claims	2012
Headland Park, Barangaroo Point	BDA/Infrasol	Program advisor	2010 - 2012
Browns Farm Reserve	Seymour Whyte Constructions	Time management	2011
Toowoomba By-pass	Infrasol	Program Advisor	2010
Pluto LNG Civil works, WA	Leighton Contractors	Program advisor	2009
Australian Technology Park - Infrastructure	Fulton Hogan	Programming	2007 - 2008
World Youth Day 2008 – Infrastructure Co-ord.	WYDCA	Management consultant	2007
Kings Cross Tunnel Upgrade	O'Donnell Griffin	Programming	2007
M2 Tolling System Upgrade	Evans & Peck/Transurban	Programming	2005
Liverpool-Parramatta Transitway	Barclay Mowlem	Program advisor	2002 - 2004
Newington Remediation and Millenium Parklands	OCA	PM services	2000 - 2001
Olympic Overlay, Sydney Olympic Park	GHD	Planning and Estimating	1999 - 2001

Sydney Olympic Park Infrastructure, Homebush Bay	GHD	Project controls mgr.	1995 - 2001
Homebush Bay Redevelopment	OCA	Management consultant	1993 - 2001
Stanthorpe By-pass	Roche Bros	Programming	1995
South Blackwater Mine - Infrastructure	Roche Bros.	Program advisor	1994
Tumbalong Park, Darling Harbour	Darling Park	PM services	1986 - 1987
Sydney (Kingsford Smith) Airport runways upgrades	Federal Airport Corp.	Programming	1986

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### **Rail Projects**

Tangara Trains Upgrade, NSW	UGLU	Claims Advice	2018 - current
Doha Metro Gold Line, Qatar	Atkins	Claims Advice	2017 - 2018
Canberra Metro Light Rail	CMA	Program Advisor	2014 - 2016
Wynyard Station Upgrade Proposal	Thiess	Program Advisor	2014
Sydney Light Rail	SLRA	Program Advisor	2013 - 2014
NWRL Project Plans and Procedures	Infrasol/TfNSW	Management Consultant	2012 - 2013
Central Station Emergency Access Project	Arenco (NSW)	Prog. & Claims Advice	2012
Sydney Metro - Permanent Route	Leighton Contractors	Time Management	2010
South West Sydney Rail link Extension, NSW	TIDC/Infrasol	Program advisor	2008 - 2010
Southern Sydney Freight Rail line	Seymour Whyte Constructions	Time management	2008

Metro Train Protection System	Queensland Rail	Time management	2007 - 2008
Southern Suburbs Railway, Perth	O'Donnell Griffin	Time management	2007
New Outer Suburban Cars Rail Rolling Stock, Newcastle	United Group - Rail	Program advisor	2005 - 2007
Chatswood Transport Interchange	Laing O'Rourke	Time management	2004 - 2007
Electric Passengers Trains - PPP Bid	United Group Rail Services	Time management	2006
NSW State Rail Authority, Planning and Program Management System	NSW RSA/RICS/SRA	Management systems	1999
Tangara Train Rollout & Maintenance Facility	NSW SRA	Time management	1986

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### Management Systems

Genesiscare PMO Schedule Support	Genesiscare	Management consultant	2017
New Royal Adelaide Hospital PMO	SA Health	Management consultant	2016 - 2017
Ventia Restructure IPO	Leighton/Ventia	Management consultant	2015 - 2016
NWRL Project Plans and Procedures	Infrasol/TfNSW	Management consultant	2012 - 2013
Ericsson VHA Transmission	Ericsson Australia	Programming	2011 - 2012
NSW Nation Building and Jobs Plan Taskforce	NSW NBJP Taskforce	Management consultant	2009 - 2011
National Broadband Network,	NBN Co	PMO Program manager	2009 - 2010
Building the Education Revolution - Sydney	Abigroup	Management systems	2009 - 2010

Sydney Desalination Project, Management Plan & Systems	Sydney Water	Management consultant	2005 - 2010
NSW Capital Projects Reporting System	NSW Govt	Management systems	2009
AUSAID, Project Management Planning and Systems Training	AUSAID	Management systems	2008
World Youth Day Coordination Authority	WYDCA	PMO program manager	2007 - 2008
WBC Property Portfolio Management	Westpac Property Operations	Time management	2007 - 2008
Desalination Project Audit & Health Checks	Sydney Water Corporation	Management advice	2005 - 2006
Star Transit, MARS Project, Project Management Systems	United Group	Management systems	2005 - 2006
Doha Asian Games Organising Committee	GHD / DAGOC	Management consultant	2006
Ethos PM System - Sydney Catchment Authority	Syd Catchment Authority	Mgmt systems	2000
Ethos PM System- Tarong Energy	Tarong Energy	Mgmt systems	2000
Mica Creek Power Station	Foxboro	Claims	2000
NSW State Rail Authority, Planning and Program Management System	RSA/RICS/SRA	Management systems	1998 - 2000
Queensland Rail, Planning and Program Management System	QLD Rail	Management systems	1993

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#### **Dispute Resolution Projects**

Cedar Grove	Jones Day	Appointed as expert	2016 - current
Sarulla Geothermal Power Plant	Baker McKenzie/SGPP	Appointed as expert	2016 - current
M+W ats BMC	Tottle Partners/M+W	Appointed as expert	2016 - current

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Austindo ats Kerman	Tottle Partners/Kerman	Appointed as expert	2017
Nahas ats Homesite	Mills Oakley/Nahas	Appointed as expert	2016 - 2017
Brierty Limited ats Karrara Mine Ltd	Tottle Partners/Brierty Limited	Appointed as expert	2014 - 2016
Ausenco ats Base Resources	Tottle Partners/Ausenco	Appointed as expert	2014 - 2017
AGC v Orora	Tottle Partners/AGC	Appointed as expert	2015 - 2016
Brierty Limited ats Gwello	Tottle Partners/Brierty Limited	Appointed as expert	2015
Brierty Limited ats MRWA	Tottle Partners/Brierty Limited	Appointed as expert	2014 - 2015
Perth International Airport	Tottle Partners/Built Environs	Appointed as expert	2013 - 2015
Kerman v Marcon	Tottle Partners/Kerman	Appointed as expert	2013 - 2015
Diveva v Taree Council	Mills Oakley/Taree Council	Appointed as expert	2013 - 2014
Northerly Group v St Bartholomew's	Crisp Legal/Northerly	Appointed as expert	2013 - 2014
MARS Pet Care Facilities	Hansen Yuncken	Claims	2013 - 2015
AJ Lucas v GAWB - Curtis Island	Vincent Young/A J Lucas	Appointed as expert	2012 - 2016
Lucky Exports India v Ivory Trading Dubai	Al Tamimi/Lucky Exports	Appointed as expert	2013 - 2014
Casba on Danks	Parkview Constructions	Claims	2013 - 2014
Chevron v HHI	Chevron	Claims	2013
AGC v Sino Iron Ore	Tottle Partners/AGC	Appointed as expert	2013
Adelaide Airport Carpark	Watpac Construction (SA)	Claims	2013

Hay Point Stage 3 Project	MDGS JV	Claims	2012 - 2013
Warramboe Infrastructure Project	Downer EDI Works	Claims	2012 - 2013
F.Hannan Pty Ltd v SEMF Pty Ltd	F. Hannan (Properties)	Appointed as expert	2012 - 2013
Tennix v MMWB	Clayton Utz/Tennix	Appointed as expert	2012
The Quay Apartments	Coffey Projects	Claims	2012
Brierty Limited ats Mount Gibson Mine	Tottle Partners/Brierty Limited	Appointed as expert	2011 - 2013
Brierty Limited ats Port Headland Authority	Tottle Partners/Brierty Limited	Appointed as expert	2011
Bulahdelah Bypass Project	Norton Rose/Boulderstone	Appointed as expert	2011 - 2013
CH2M Hill v DPWS	Norton Rose Australia	Appointed as expert	2011 - 2012
Cimeco v SSJV	Tottle Partners/Cimeco	Appointed as expert	2011 - 2012
John Holland v TransGrid NSW	Baker & McKenzie	Appointed as expert	2010 - 2011
Plaza West Pty Ltd v Simons Earthworks	Adrian Batterby Lawyer	Appointed as expert	2009 - 2010
Macquarie Bank v Meinhardt	Minter Ellison Lawyers	Appointed as expert	2009 - 2010
Medica Centre, Hurstville NSW	Hansen Yunken	Claims	2009 - 2010
CSWJV v Barrick - Cowal Goldmine	Tottle Partners/CSWJV	Appointed as expert	2008 - 2010
St Hilliers v Blackmores	Colin Biggers & Paisley	Appointed as expert	2009 - 2013
SWC Vs Toowoomba City Council	Tresscox Lawyers	Claims	2009
Service Stream Communications	Mills Oakley Lawyers	Claims	2009

BBB v Frankpile and Ors	CBP/BBB Construction	Appointed as expert	2008 - 2013
Pheonix Constructions v Coastline Construction	Phoenix Constructions	Appointed as expert	2008 - 2011
ECC v Thiess - Allied Feeds Site	Blake Dawson	Appointed as expert	2008
QNI - Boiler 4 Upgrade	Alstom Limited	Claims	2007 - 2008
OSCAR Trains Claims	United Group Rail Services Ltd	Claims	2007
Mackay City Council vs Civdec	Minter Ellison / Mackay City Council	Time management	2007
CSB - HY vs DOC, NSW	Crisp & Associates, Solicitor	Claims	2006 - 2007
Corbett Court v Quasar Constructions	SWAAB/Corbett Court	Appointed as expert	2006 - 2007
Pan Asia v HFR Group	Robinson Legal	Appointed as expert	2002
Olympic Athletes Village	OCA	Claims	1998 - 2001
Lidcombe Media Village	OCA	Claims	1998 - 2001
The Lexington Apartments for Barclay Mowlem	Corrs Chambers	Claims	1997 - 2000
Pacific Waves - EOT Claims	Barclay Mowlem	Claims	1997 - 1999
Harris Street Substation	Boulderstone Hornibrook	Claims	1995
Observatory Tower Claim	Boulderstone Hornibrook	Claims	1994 - 1996
Westside Towers, Sydney	Dunhill Madsen	Expert's assistant	1993 - 1994
Riviera St Development's v Abigroup, VIC	Riviera St Development	Appointed as expert	2007 - 2008
Laing O'Rourke v TIDC, NSW	Laing O'Rourke	Claims	2006 - 2007



Alstom v QNI, QLD	Alstom	Appointed as expert	2006 - 2007
Hansen Yunken v NSW DoC, Sydney	Hansen Yunken	Appointed as expert	2006
197 Anzac Pde, Maroubra Junction	Bernard Young Architects	Claims	2006
Jempac v Hansen Yunken, Wollongong	Jempac	Claims	2005 - 2006
Boulderstone Hornibrook v QIC	Boulderstone Hornibrook	Claims	2004 - 2006
Walter Construction Group v Transgrid	Walter Constructions	Appointed as expert	2004
Barclay Mowlem Construction v NSW RTA	Corrs Chambers/Barclay Mowlem	Appointed as expert	2002 - 2005
University of Technology Sydney Expansion	Boulderstone Hornibrook	Claims	2002
Churnin et al v Pilot Developments	Pilot Developments	Appointed as expert	2001 - 2002
Northcliffe Constructions v SMS Joint Venture	SMS Joint Venture	Appointed as expert	2001 - 2002
Sydney Superdome, Homebush Bay	Abigroup	Claims	1998 - 2001
International Broadcast Centre	Walter Constructions	Claims	1999 - 2001
Macquarie Shopping Centre – Stage 2	Boulderstone Hornibrook	Claims	1999 - 2000
Sydney Olympic Park Infrastructure	OCA/GHD	Claims	1997 - 2000
Chancellory Apartments	Barclay Mowlem	Claims	1997 - 1999
Fletcher Constructions v Crown Gardens	Philips Fox/Fletcher Group	Expert evidence	1995 - 1998
Hopetoun Quays	Boulderstone Hornibrook	Claims	1995 - 1998

Gosford Hospital, Stage 3	Abigroup	Expert's assistant	1994 - 1995
Fairfield Shopping Centre	Abigroup	Expert determination	1988

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