Indmarsh has over 25 years experience in construction, specialising in project and construction managment of challenging and high profile projects. It is a diverse company with divisions across construction, carparking development, venture capital and retirement in the ACT, South Australia, NSW, the Northern Teritory, Queensland, Shanghai and Beijing.

Hindmarsh Property develops both commercial and residential sites. A key element of the Property group involves undertaking developments in its own right, as well as through investment syndication and joint

Hindmarsh has several significant current residential and commercial developments. Residential developments include the recently completed subdivision of a 77 block estate at Fern Hill in the ACT, a large mixed use joint venture with the Department of Housing and Community Services in Lyons, ACT, the redevelopment of 1 & 3 Onslow Avenue at Elizabeth Bay, Sydney, a rural sub-division in Berry on the NSW south coast as well as a number of other exciting developments currently in planning stages.

Commercial property developments include the \$130M Flinders Link project in Adelaide, 17 terrace sites and two medium commercial sites in Fern Hill, ACT, redevelopment of Constitution Avenue in Campbell, ACT and a number of additional mixed use developments currently in planning stages.

Hindmarsh also has significant involvement in the Village Building Company, one of the larger providers of residential land in Australia.

The company is a member of the Green Building Council of Australia and has a number of qualified Green Star Accredited Professionals on its team.

Hindmarsh prides itself on developing long-term relationships with its clients in the delivery of complicated, highly technical and architectural construction projects across all disciplines of the industry.

The company has worked with the Australian National University for nine years, delivering high quality specialty research facilities for a variety of clients with high-tech needs.

Hindmarsh has approximately 250 staff, nine of which are working on the John Curtin School of Medical research Stage Two. This includes two construction workers. The company was directly engaged by Australian National University as Project Manager/Managing Contractor to deliver the entire project, including design, financial managment, procurement, trade contracts, construction, commissioning and handover.

Stage One of JCSMR saw the development of existing technology into the specific delivery of off-form 3D relief pre-cast concrete and the use of overhead electric winches on in-situ monorails for overhanging glass installation using suction-cup lifting devices.

Stage 2 of the project also required highly technical bio-containment systems for animal holding and disease research to Physical Containment Level Three. Design and construction of electron microscopy and neuroscience vibration control was also a challenge.



HINDMARSH

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The project has received 17 local, State and national awards for Stage One of the John Curtin School of Medical Research redevelopment.

The following received by Hindmarsh:

Winner 2006 Master Builders Association of the ACT Project of the Year

Winner 2006 Master Builders Association of the ACT Commercial Division - Project Exhibiting Technical Difficulty or Innovation

JOHN CURTIN

SCHOOL OF MEDICAL RESEARCH

HINDMARSH

ACT

Winner 2006 Master Builders Association of the ACT Commercial Building more than \$12 million

Winner 2006 Master Builders Association - National Presidents Award

Other Hindmarsh awards include:

Master Builders Award 2005 for reconstruction of the Old Parliament House Rose Gardens Reconstruction, Canberra

Master Builders' Association of the ACT Conservation Heritage Projects - Commercial 2005

ANU Research School of Physical Sciences & Engineering

2005 Master Builders' Association of the ACT Innovation & Technical Difficulty

ANU Dickson Precinct Car Park

2005 Master Builders' Association of the ACT Merit Award, Commercial Building \$5M -\$10M

Canberra Playhouse Theatre



COOL COMPLIANCE

he Philip Chun group of companies is an established code compliance consulting firm which provides a wide range of building and risk management compliance services both nationally and internationally. Philip Chun has access to Australia's largest building regulation code, fire safety engineering, access and mobility, essential services and compliance consulting staff, who have delivered unmatched levels of value and benefits to projects.

Philip Chun Building Surveying provides building design certification, building approvals, construction certificates and occupancy permits on completion of construction.

Philip Chun's approach emphasises an innovative risk managed system-approach to building control, through successfully facilitating certification, audit, due diligence, compliance and approval of new and existing buildings, encompassing all commercial, industrial, residential, multi-storey and large floor area buildings.

Philip Chun Building Surveying was engaged on the JCSMR building project to facilitate and deliver building approvals and compliance assessment with codes and standards prior to and during construction of the building.

Compliance assessment included review of all architectural, structural and engineering services designs to satisfy the Building Code of Australia

(BCA). The unique nature of the JCSMR facility included various use classifications and specialized requirements where in the designers relied on the performance based building code, fire and life safety principles and design techniques to meet the performance provisions of the BCA and Australian Standards.

In particular the laboratory / research areas combined with large floor areas connected by open stairways and voids required innovative compliance assessment by the Philip Chun team.

Inspection throughout construction and liaison with relevant authorities ensured for a streamline successful project completed with design compliance satisfying both innovation, life safety, energy efficiency and an architectural icon. Philip Chun Building Surveying is complemented by Philip Chun Fire, Philip Chun Access and Philip Chun Essential Services.



PHILIP CHUN & ASSOCIATES

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TO THE POINT

avis Langdon is one of Australia's leading firms of consultants to the property and construction industry, with eleven offices Australia-wide. Davis Langdon provides the following services:

- · Quantity Surveying and Construction Cost Management
- Project Management and Programming
- Building Certification & BCA Consulting
- Property Services and Facilities Management Consulting
- · Quality System Certification and Quality Management
- Specification Writing Consulting

Each project presents individual constraints creating a range of design parameters which, in turn, develop project specific or proto-type solutions. These projects require specific cost planning skills and experience focussed on the design issues and, in addition, the capability and initiative to pursue the broader implications of the resolution of specific issues such as:

- Site issues (i.e. demolition, removal of hazardous materials, relocation, temporary accommodation and decanting)
- Staging of services infrastructure upgrade

DAVIS LANGDON

· Flexibility whilst maintaining security and functional requirements

Davis Langdon is proud to be an integral member of both the highly successful design and construction teams involved with the construction of the award winning John Curtin School of Medical Research project.

Their success in providing cost management services is directly attributable to the quality and experience of the resources which service projects, the comprehensive and detailed approach to services provided and its determination to ensure the client obtains value for money. This is combined with a strong proactive attitude to services and a significant level of commitment to the success of every project.

Davis Langdon's goal is always to maximise the value of the available funds by carefully selecting and prioritising the works to be committed and in minimising overlapping or competing priorities.

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188 ACT PROJECT FEATURE JOHN CURTIN SCHOOL OF MEDICAL RESEARCH

WATER NOT WASTE

immington & Associates Pty Ltd is proud to be associated with the John Curtin School of Medical Research project, Australia's premium medical research facility; the ANU and John Hindmarsh Pty Ltd as the Project and Construction Managers.

For the John Curtin School of Medical Research project, Rimmington & Associates designed all hydraulic services including potable and non-potable water systems, purified water reticulation system, laboratory waste system, and trade waste treatment systems and apparatus.

The project also included a PC-3 primary containment and Animal Holding facility including compliance with OGTR guidelines and AQIS requirements.

They provided professional services for design, design co-ordination and construction involvement throughout all phases of the project.

Rimmington & Associates have been practising as hydraulic and civil engineers for 28 years specialising in building hydraulic services including research laboratory facilities for universities, pharmaceutical companies, animal containment facilities, PC laboratories and private research facilities

Their involvement in similar projects is extensive and includes current and recently completed high profile projects which include the following:

- College of Sciences, ANU Canberra Masterplan Redevelopment, Stage 1 & Animal House
- Monash University STRIP Stages 2 & 3 Project Clayton campus
- Western Precinct BIO 21 University of Melbourne. Base building and fit-out
- John Curtin School of Medical Research, ANU Canberra Masterplan Redevelopment, Stage 1 & 2 projects
- RMIT Biomedical & Sciences Research Building Bundoora
- Monash Health Research Project, Stage 1 Monash Health
- RMIT Buildings 12 and 14, City campus Various laboratory fit-outs
- RMIT Building 14, City campus Infrastructure redevelopment
- CSIRO Building 201, Clayton Laboratory redevelopment to code compliance
- Austin Health AbMA Research & BioResources Centre
- St Vincents Institute of Medical Research
- Australian Regenerative Medicine Institute (ARMI) laboratory, STRIP 1 Monash University

Interstate and Overseas projects include:

- Faulding Pharmaceuticals Laboratory Adelaide
- SmithKline Beecham Biologicals Shanghai, China
- Herron Pharmaceutical Plant Dubai
- · Rhone Poulenc Forer, Pharmaceutical Plant Beijing, China
- Beafour-Ipsen, Pharmaceutical Plant Tianjin, China



The company is familiar with all requirements of AS 2243 Laboratory Code, AS 2982 Laboratory Construction Code, AQIS, OGTR and NMMRC requirements.

Rimmington & Associates provides consulting engineering services with the capacity for Building Hydraulic Services which includes project planning, design documentation, and contract administration of building hydraulic services; including: fire and water services, fire sprinkler services, residential life safety fire sprinkler systems, water supply, sanitary plumbing, sewer drainage, sewage and trade waste treatment. And also Environmental Engineering which includes implementation of grey and black water recycling, rainwater harvesting and the establishment of water minimisation programs in order to optimise environmental and recycling considerations.

They are experienced in evaluating the use and implementation of water minimisation programs; design of rainwater harvesting systems and grey/black water recycling; which minimise domestic and commercial water usage and optimise recycling and environmental considerations. They are currently involved in a number of projects with "Green Star" accreditation and are familiar with the design process and rating system for environmental design.

Rimmington & Associates practice policy is at the forefront of innovative design and new systems development. They have been involved in overseas and local conferences in order to be aware and understand new technology. This has been effective with the introduction of AutoCAD (3D), biosecurity facilities, design of research and biotechnology laboratories, purified water systems, siphonic roof drainage systems and environmental sustainable design.

They pride themselves on their standard of design presentation in the form of AutoCAD drawings introducing colour formats, isometric details and layering systems to assist with clarity of details for site construction. They also have the ability to produce designs and drawings in 3D.



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