





## INTRODUCTION

1+2 ARCHITECTURE is a multi-award winning practice focusing on the delivery of high quality contemporary architecture. The directors bring with them a breadth of local, national and international experience in projects ranging from residential design to large commercial and institutional buildings. We believe that a successful outcome is best achieved by an investment in the quality design services that we offer.

The practice was established in January 2002, and comprises of three directors:

Cath Hall + Fred Ward Mike Verdouw.

The name 1+2 makes reference to the simple idea that design is not a singular act. It is a process of investigation, understanding, synthesis and execution – brought about through inclusion and collaboration.

We are a small practice, offering a constructive consultative and highly personalised service. We value the importance of listening. The design solutions we deliver respond directly and concisely to the detailed requirements and the specific needs of each project.

At 1+2 we share a deep belief in the value of design. Our architecture is more than just our work. To create lasting marks on the environment is a profound act which is not to be undertaken without sound reason and great care and we are constantly mindful of the impact of architecture on the specific environment and society as a whole.

The construction environment in Tasmania is tough. Few of our projects have generous budgets; moreover, it is our continual experience that demanding briefs are to be met through a rigorous and strictly controlled cost planning process. This is undertaken through close liaison and scheduled reviews with a cost consultant, and also through careful analysis of the brief and establishing of priorities, assessment of development and design options, and tailored distribution of financial resources.

It is our express endeavour to achieve architectural solutions which not only exceed the aspirations of our clients but attempt to offer realistic and sustainable alternatives based on the understanding of people and place.

## RESOURCES

1+2 ARCHITECTURE understands and utilises the latest technologies for all the various service components of the practice to ensure utmost efficiency and effectiveness for the task.

1+2 are well versed in the disciplines of manual and CAD drafting. Our CAD platform is Bentley Microstation and is considered high-end software with the interface capabilities for drawing exchanges to other CAD platforms. We have a fully networked computer system, feeding off a secure central server that harbours data and ensures daily backup.

Our contract documentation approach involves various methods and presentations to communicate the macro and micro environments of building design and construction. Our focus on detail is integral to the way we design.

Communicative devices at our disposal include options such as computer generated modelling, Corel based digital graphic design expertise, and Microsoft Office platforms for reports, schedules, etc.

### Consultants:

1+2 have sought out consultants in past and current projects that are fundamentally team players and see themselves as contributing to the given project holistically rather than in isolation to the other neighbouring disciplines.

We favour use of alternative energy systems where appropriate, and expect our consultants to be familiar with the most recent technologies and cost effective solutions. These may include alternative power usage and storage, passive heating and cooling reticulation, the recycling of water, and so on.

We are happy to suggest secondary consultants for appointment based on past working relationships and our confidence in their capabilities and commitment to their particular disciplines as required.



## AWARDS

- 2004                      Royal Australian Institute of Architects  
Colorbond Award
- This award is given by the Royal Australian Institute of Architects in recognition of projects demonstrating innovation and excellence through the use of steel.
- 2003                      Royal Australian Institute of Architects  
James Blackburn Triennial Award for Residential  
Architecture
- This award is considered a “best of the best” and is awarded to the outstanding design of the previous three years.
- 2003                      HIA Custom Designed House of the Year
- 2002                      Royal Australian Institute of Architects  
The Residential Buildings Award  
JURY CITATION
- “The Jury is impressed with all aspects of this autonomous house which has no connection to town power water or sewer.
- The layout is simple and environmentally efficient. The building form is essentially familiar, though the entry bridge with its steeply raking roof, which sets the solar panel at its optimum pitch, is far from predictable.
- This house abounds with examples of beautifully realised solutions to both usual and unique design problems.
- The jury believes that Andrew and Jen’s house exemplifies a commitment by the architect to meeting the client’s exacting brief by designing a building which is able to exceed their expectations through its architectural refinement and integrity”.

2002

Royal Australian Institute of Architects  
The Environmental Award  
JURY CITATION

"The jury was bound to be impressed with this autonomous house. Environmental compatibility and energy conservation are central to its design.

The building has no connection to mains power. Its energy requirements are met through a combination of efficient passive solar design and power generation by solar collector. A composting toilet system is installed, rainwater is collected for drinking and household use and a large dam has been built on site for irrigation needs. Grey water is filtered through subsoil sumps.

This house, in which significant views are emphasized through careful orientation of spaces and placement of openings, is complimentary to its natural environment. The architecture pushes detailing to a high level of refinement.

The employment of a structural steel frame is perhaps unexpected for an energy conscious residence sited in a remote bush setting, but the use of steel, with its intrinsic strength and ability to span long distances, allows minimum ground disturbance whilst providing increased resistance to bushfire conflagration. The steel frame carries a strategically located suspended concrete slab, which provides the buildings necessary thermal mass.

The jury considers that Andrew and Jen's house is a compelling demonstration that adherence to the principles of ecologically sustainable design can result in a functional architectural solution that develops its own distinctive aesthetic".

2002

Royal Australian Institute of Architects  
The Commercial Buildings Commendation  
JURY CITATION

"The jury is impressed by this transformation of a former service station into a dry cleaning business.

With minimum outlay and a large dose of flair, the clients have gained a sophisticated and visually arresting shopfront which turns heads on busy New Town Road.

The jury commends the architects for recognising formal qualities in an obsolete building and then appreciating how to convert the architectural potential into a distinctive commercial presence for a new business".



## EXHIBITIONS

The work of 1+2 ARCHITECTURE is currently being featured in two International Architectural Exhibitions.

2004

Royal Institute of British Architects: DiverseCity 2004

Touring exhibition to Auckland, Beijing, Chicago, New York, Dublin, and London and greater Europe.

The exhibition is designed to celebrate the diversity of architects in the host locality. It will showcase the range and quality of designs and completed projects by a selection of women, minority or under-represented but qualified professionals who are active in the domain of architecture.

2005

National Building Museum, Washington D.C.

International exhibition on sustainable residential architecture featuring 35 houses and apartment buildings from around the world, including the work of 1+2 ARCHITECTURE. The work of the exhibition will feature in a book to be published by Princeton Architectural Press and released at the exhibition.

## RESUME

CATH HALL      ARCHITECT RAIA    B Arch (Hons), B Env Des  
DOB 23.10.69

### Qualifications

1996              Registered Architect, Board of Architects of Tasmania

1992              Bachelor of Architecture First Class Hons. University of Tasmania

1990              Bachelor of Arts in Environmental Design. University of Tasmania.

### Awards

1992              RAIA Tas. Chapter SWT Blythe Student Award

1991              RAIA Tas. Chapter SWT Blythe Student Award, joint winner

### Career Summary

2002-              Director 1+2 Architecture

2003-              RAIA representative to the Board of Architects of Tasmania.

2002-2003        Board of Architects of Tasmania, Registration Examiner

2000-2001        Principal, Cath Hall Architect.

                      Visiting Tutor, Architecture Design Studio, University of Tasmania, Launceston

1999              Senior Architect, The Kouzmanoff Partnership, New York City, USA.

1998              Architect, Jacob Allom Wade, Hobart.

1996              Architect, Heffernan Button Voss , Hobart

1998              Tutor, Architecture Design Studio & Ecology & Architecture, University of Tasmania, Hobart

1994              Internship, Denton Corker Marshall , Melbourne

1992              Graduate Architect, Eastman Heffernan Walch & Button

1991              Student Architect, Don Donnithorne Architects, Christchurch, New Zealand.



FRED WARD      ARCHITECT RAIA      B Arch (Hons), B Env Des  
DOB 16.02.70

#### Qualifications

1998      Registered Architect, Board of Architects of Victoria

1992      Bachelor of Architecture Hons, University of Tasmania

1990      Bachelor of Arts in Environmental Design. University of Tasmania

#### Career Summary

2002-      Director 1+2 Architecture

2003-2004      Visiting Tutor, University of Tasmania,  
School of Architecture, Launceston

2002-2004      Committee member, RAIA

2000      Senior Architect, Jacob Allom Wade, Hobart

1998      Senior Architect, Denton Corker Marshall, London, UK

1996      Architect, Denton Corker Marshall, Melbourne

1992      Graduate Architect, Jacob Allom Wade, Hobart

1990      Student Architect, Eastman Heffernan Walch & Button,  
Hobart



MIKE VERDOUW

B Arch, B Env. Des.

DOB 15.02.69

#### Qualifications

1992 Bachelor of Architecture. University of Tasmania

1990 Bachelor of Arts in Environmental Design. University of Tasmania

#### Awards

1991 RAlA Tas. Chapter SWT Blythe Student Award, joint winner.

#### Career Summary

2002- Director 1+2 Architecture

2001 DesignInc. Hobart

2000 Heffernan Button Voss, Hobart

1998 Forward Viney & Partners, Hobart

1997 Denton Corker Marshall, St. Petersburg, Russia & London, UK.

1994 Denton Corker Marshall, Melbourne

1993 Philp Lighton, Launceston

1991-1992 Eastman Heffernan Walch & Button, Hobart





## SCOPE OF ARCHITECTURAL SERVICES

The following list is intended as a guide only.

These services may be offered where deemed appropriate given the nature and specific conditions of the project.

### *PHASE 01*

#### PRE-DESIGN SERVICES

##### PREPARATION OF BRIEF

Establishing with the Client a detailed set of requirements for the project:

Design objectives, limitations and criteria

Space requirements

Space relationships

Site requirements

Budget requirements

Programming

##### FORM OF BUILDING CONTRACT

Presentation of the available options and recommendations to the Client of the most appropriate forms of building contract for the project.

##### SELECTION AND ENGAGEMENT OF CONSULTANTS

Advise to Client in:

Selection of consultants

Establishing conditions of engagement

Establishing Fees

Engagement of consultants

##### CONSULTATION WITH AUTHORITIES - PRE-DESIGN STAGE

Consultation with relevant authorities regarding:

Titles, zoning, legal restrictions and other requirements for the site / project.

## SITE AND EXISTING BUILDING SURVEY

Site and existing building survey consisting of:

- Site features
- Outline of buildings on adjoining sites
- Measurement of existing building(s)
- Check survey to establish accuracy of existing drawings
- Preparation of measured drawings
- Analysis of existing conditions, materials and finishes
- Location of existing services

## SITE ANALYSIS

Detailed analysis of existing site conditions and qualities:

- Site services
- Surface and sub-surface condition
- Review of geotechnical survey
- Vegetation, Landform and slope analysis
- Neighbouring property/properties issues

## *PHASE 02*

### DESIGN AND DEVELOPMENT APPLICATION SERVICES

Consultation with Authorities Schematic design stage

Preparation of material for and consultation with authorities regarding:

Laws, statutes, building codes and regulations effecting the project.

### ARCHITECTURAL DESIGN SCHEMATIC DESIGN STAGE

Architectural design services including where applicable:

- Conceptual site and building plans
- Preliminary sections and elevations
- Preliminary selection of building systems and materials
- Development of approximate dimensions areas and volumes
- Sketches showing external appearance and / or internal spaces
- Liaison and co-ordination of consultants
- Assessment of consultants recommendations

## OPINION OF PROBABLE COST AND PROGRAM SCHEMATIC DESIGN STAGE

Liaison and co-ordination with cost consultant  
Development of probable project program

## DEVELOPMENT APPLICATION

Development application consisting of:  
Preparation of documents and Architectural drawings to the requirements of the relevant authority.  
Lodgment of documents by the Architect on behalf of the Client to the relevant authority for Planning Approval.  
Appeals.

## *PHASE 03*

## CONTRACT DOCUMENTATION SERVICES AND TENDERING

Consultation with Authorities Contract  
Documentation stage

## ARCHITECTURAL DOCUMENTATION

Architectural Documentation, consisting of preparation of documents based on approved Design Development documents, setting forth in detail the architectural construction requirements of the project. Such documents may include:

Working drawings prepared from client approved Design Development documents for tendering and construction, including details necessary for the builder to accurately assess the cost, extent and content of the works.

Specification comprising detailed written descriptions of the content of project materials, workmanship and schedules which are complimentary to the working drawings and details.

Co-ordination of secondary consultants.

Liaison with cost consultant.

## BUILDING APPLICATION

Building application consisting of:  
Preparation and lodgment of documents by the architect to the relevant authority or building surveyor for building approval.

## TENDERING PROCESS

Services including:  
Preparation of tender documents.  
Inviting proposed tenderers to tender and issue documents for pricing.  
The preparation and distribution of addenda as may be required during tendering or negotiation.  
Checking the tenderers compliance with the tender documents.  
Discussions and meeting to discussion to achieve an acceptable contract package with the preferred tenderer.

## NEGOTIATED CONTRACTS

Selecting a builder and negotiating the contract price.

## CONTRACT PREPARATION AND EXECUTION

Notifying the selected builder and unsuccessful tenderers.  
Preparing the contract documents for signature by the client and the builder.

## *PHASE 04*

## CONTRACT ADMINISTRATION AND POST CONSTRUCTION SERVICES

## SUPPLEMENTARY DETAILS

Provision of supplementary details during construction to further explain the contract details.

## CONTRACT ADMINISTRATION

Provision of all contract administration required for the project including:

The maintenance of records on the cost of construction and all variations and the evaluation of the amounts owed to the builder, including the certification of payments.

Preparation and issue of documents to describe and value the work to be added deleted or modified. This will include a review of the builder's quotations, contract completion time, recommendations to the Client, securing the Client's approval to act and instructing the builder.

Notification to the Client and other parties of any change in the contract time.

The receipt, review and annotation of shop drawings and the return of copies to the builder.

The review of samples and prototypes and consultation with the Client.

Periodic site visits to observe the progress of the work.

Issuing all instructions to the builder under the contract.

Issuing certificates of payment resulting from the builder's claims and inspecting and issuing notice of practical completion.

Convening project co-ordination and site meetings.

## DEFECTS LIABILITY PERIOD

The carrying out an inspection during the defects liability period and preparing a list of items for attention by the builder.

## FINAL CERTIFICATE

Issuing final certificate.

## CONTACT

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Australia

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## Directors

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