



Alan Reay Consultants



## Dr Alan Reay

CEO, Alan Reay Consultants Ltd

A Director of Alan Reay Consultants, Alan grew up in Christchurch and went on to study at the University of Canterbury. He has some 40 years experience in the design of building structures throughout New Zealand.

### Qualifications

- Bachelor of Civil Engineering (First Class Honours)  
University of Canterbury
- Doctor of Philosophy in Civil Engineering
- Chartered Professional Engineer (CPEng)

### Professional Affiliations

- Fellow of the Institution of Professional Engineers
- Member of the New Zealand Society of Earthquake Engineers
- Member of the New Zealand Concrete Society
- Member of the American Concrete Institute
- Member of the Heavy Engineering Research Association of New Zealand
- Member of the Association of Consulting Engineers in New Zealand
- Member of the Tilt up Concrete Association USA
- Member of the Structural Engineering Society of New Zealand

### Professional Activities

- Engineering advisor to the Commissioner of the Commission of Inquiry into the Collapse of the Viewing Platform at Cave Creek, near Punakaiki on the West Coast
- Director of the Association of Consulting Engineers of New Zealand, 1994 - 1997
- Member of the Cold Formed Steel NZ Standards Committee

### Key Experience



AMI Stadium,  
Christchurch

#### Public Buildings

- Christchurch International Airport ITP Redevelopment, Christchurch, Structural Engineering in conjunction with Beca
- Waitakere Civic Centre, Waitakere City, Structural Engineering
- Christchurch Airport Carparking Building, Structural Engineering in association with Beca
- Christchurch Hospital Carparking Building, Principal Consultant, Structural & Civil Engineering

#### Residential

- West Fitzroy Apartments, Christchurch, Structural Engineering
- Latitude 37, Auckland, Structural and Civil Engineering



Metro GlassTech,  
Christchurch

#### Offices

- 8 Storey IRD Building, Christchurch, Lead Consultant, Structural and Civil Engineering
- Hazeldean Business Park, Christchurch, Lead Consultant Structural & Civil Engineering
- The Clock Tower Redevelopment, Hornby, Christchurch, Structural & Civil Engineering



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Waitakere Sports Centre  
Complex,The Jet Engine Test Cell,  
ChristchurchWest Fitzroy Apartments,  
Christchurch

#### Commercial Buildings

- Primeport Dry Store, Timaru, Lead Consultant Structural & Civil Engineering, 24,500 sq metres
- The Jet Engine Test Cell, Lead Consultant Structural & Civil Engineering
- Armstrong Prestige, Car Showrooms, Christchurch, Structural & Civil Engineering
- Turners Car Auctions, Christchurch, Lead Consultant Structural & Civil Engineering
- Homebase Retail Park, Christchurch, Lead Consultant Structural & Civil Engineering
- Placemakers Retail Superstore, Christchurch, Lead Consultant Structural & Civil Engineering
- Metro GlassTech, Office & Showroom, Christchurch, Structural & Civil Engineering
- The design and testing of bolt connected Coldformed steel building systems for Fletcher Brownbuit

#### Stadia

- The Trusts Stadium, Waitakere  
Lead Consultant, Structural and Civil Engineering
- East Stand, AMI Stadium Redevelopment, Christchurch,  
Structural Engineering
- Paul Kelly Stand, AMI Stadium, Christchurch  
Structural Engineering in association with Connell Wagner
- ILT Velocrome, Invercargill  
Principal Consultant Structural & Civil Engineering
- Stadium 2000, Blenheim, Principal Consultant Civil & Structural,  
Engineering
- Aquatic Centre, Blenheim. Principal Consultant Civil &  
Structural Engineering
- Pettigrew Green Arena, Hawkes Bay, Principal Consultant
- Hawkes Bay Regional Sports Park, Hawkes Bay, Principal  
Consultant Civil & Structural Engineering
- Stadium Southland Rebuild, Invercargill, Civil & Structural  
Engineering Consultant

#### Recent Awards

- Silver Award, ACENZ/ 2010 / AMI Stadium 'Full Circle Project', Christchurch
- Merit Award, ACENZ Awards, 2008 / IRD Building, Christchurch
- Merit Award, ACENZ Awards, 2007 / Waitakere Civic Centre, Waitakere
- Engineering Achievement Award for outstanding design contributions that advance the application of Tilt-Up construction /2007 / Tilt-Up Concrete Association of America - *First time this award was given outside of North America*
- Silver Award of Merit, ACENZ Awards, 2006 / Jet Engine Test Cell, Christchurch
- Gold Award, ACENZ / 2005 / Waitakere Stadium and Event Centre
- Achievement Award, Tilt-Up Concrete Association of North America. 2006  
Jet Engine Test Cell, Christchurch
- Tourism and Leisure Property Award, property Council of New Zealand  
2006 / Trusts Stadium, Waitakere City
- Energy Efficiency Award, Property Council of New Zealand, 2006 / Trusts  
Stadium, Waitakere City
- New Zealand Concrete Society Award, 2005 / Trusts Stadium, Waitakere
- Awards Finalist, IPENZ, 2005 / Trusts Stadium, Waitakere City
- Premier Achievement Award (for top tilt-up design in the world), Tilt-Up Concrete  
Association of North America, 2005 / Trusts Stadium, Waitakere City