

The last 30 years is referred to here, as the contemporary era of globally and nationally recognised building projects and their designers

The last 30 years has been and is a melting pot of virtually all the previous eras alongside each other. with the additional advent of the seemingly 'nautical theme' springing up at airports everywhere, in particular. Modernism is alive and well ..but the new approach that is gaining momentum, finally, courtesy of the big name designers embracing and engaging with the concept, is sustainable architecture - low energy environmental design..

1990's and beyond

You need here, to be thinking about the 1990's and these first 20 years into C21, in relation to the social context, the financial context and the Communications Technology explosion that has taken place over these two+ decades, (which includes the cellphone and wireless laptop computers), and how that has impacted on the construction industry and architectural design worldwide. 24/7 design work is becoming common practice as a result of global collaborations on projects ..across the various timezones.

The RMA was introduced in 1991 in NZ and this in essence replaced 52 statutes and hundreds/ thousands of previous, and therefore reference, law cases. The RMA 1991 replaced the Town Planning Acts of 1957 and 1977, and has been reviewed again at least once. The Building Act 1991 (and amendments) has created stricter requirements on building solutions. The introduction of the Green Star Rating Tool (commercial design *et a/.*) from 2009 as a requirement for consents, funding etc has also influenced designers and developers to work toward a lower energy take in buildings for example. Most recently Auckland now has the Unitary Plan and the Auckland Plan introduced in 2013, and confirmed in late 2015 as Operational.

City redevelopments internationally and locally are seeing an increase in inner city residential apartments again in response to the demographic shifts, which are heading for the city again, which in turn is also spreading, (in Auckland 's case, the city is heading to the outskirts of Hamilton and Orewa).

A return to organic urban developments are becoming popular again for outlying and new residential (suburban) areas of the city(s).

****The last 30 or so years, whether internationally or within NZ , has been and continues to be a melting pot of virtually all the previous eras alongside each other.

There has been the additional advent of a seemingly 'nautical theme' using white tubular steel. These have sprung up at airports in particular. Modernism is alive and well, but the new approach that is gaining momentum , finally , courtesy of the big name designers embracing and engaging with the concept, is sustainable

architecture - low energy environmental design..eg Warren and Mahoney; Craig Craig Moller, Jasmx, Studio Pacific Architecture and Chow Hill for example.

Revitalisation of the inner city and particularly 'downtown Auckland' in readiness for the America's Cup challenge in particular, saw the emergence of Viaduct Basin, Princes Wharf apartments and the Hilton Hotel there. In addition there are now thousands of high rise apartment blocks throughout the inner/central parts of Auckland city, again in response to the demand for inner city living versus the suburbs. The late 70's cycle has come around again. Motorway extensions criss - cross the central parts of Auckland city, building on and finalising the overall plan for Auckland's motorway system created in the 70's, (the auto transit city). The southern motorway terminated at Drury, in the late 70's early 80's, to then be extended to Pokeno, and it now goes almost to Huntly.

Shopping Malls/ Mega centres emerged in every main NZ city and every sub city of Auckland over the last few decades or so.

Wellington, too has motorways, but has long enjoyed a well developed and integrated public transport system. Wellington has a very different topography to Auckland, that creates a more compact urban form with only two main transport ribbons, one reaching north and one east to the suburbs.

Christchurch, being flat except for the Port Hills that separate Lyttleton from Christchurch, has meant that the grid format was an obvious choice for its urban form, and it too has a well patronised public bus transport system. With the 2011 World Cup Rugby Finals and a downturn in commercial building, apart from the Wynyard Quarter developments .Instead, government public funded infrastructure projects are core business right now.along with education, roads, and health projects, and more housing is promised.

So what's next ??

A selection of the buildings created since the 90's till now.

Europe and USA:

- Millennium Dome -Sir Richard Rogers partners (1997-9) 1 Billion pounds.
 - Palais de Justice in Bordeaux- Sir Richard Rogers partners (1999..) 43 million pounds.
 - Guggenheim Museum at Bilbao, Spain - Frank Gehry (1998/9) \$US100 million.
 - + Hull (UK) Millennium (Business) Project - Terry Farrell and partners. 38 million pounds.
 - + The London Eye. River Thames. 2001.
 - + Westhafen Waterfront project. Frankfurt. Germany. (in 2004 Nov/Dec NZ Architecture)
 - + Civic Centre and Jay Pritzker pavilion in Millennium Park. Chicago by Frank Gehry 2003/4 (in Trends Vol 20 no 18).
 - + Cloudgate Sculpture by Trish Kapoor. Chicago Millennium Park. 2003/4.
 - + City Hall .London. Foster and partners 2004 (Arch NZ SeptOct 2004 p94).
 - + BMW Welt. Munich. Germany.by Wolf de Prix of Coop Himmelb. 2007.
- (+ Mal's list of buildings through to 2019)

NZ in the 90's and today in and around Auckland specifically

- + Refer to 'Architecture NZ 90's thru today in Building One Library.
- + Te Papa, Wellington - Jasmx (1998)
- + Maths and Science Building, University of Canterbury - Architectus / CHS / Royal Associates (1999) Won the Regional and National NZIA Awards in 1999)
- + Farmers' Refurb into apartments, Auckland- Jasmx (1998)
- + Sky City Casino - Craig Craig Moller (1996) (ref May/June 96 NZ Architecture)
- + Arataki Visitor Centre ,Scenic Drive ,Auckland - Harry Turbett (1994)
- + Brighton Road Townhouses, Auckland -Marshall Cook. NZIA Award 1992
- Westpac Trust Stadium. Wellington.2000. Warren and Mahoney. (Te Tini Keke).

- Royal Sun Alliance Building Auckland 2000/2001
- Sky Tower. Craig Craig Moller. 2001.
- Wellington Airport. 2001. Craig Craig Moller.
- Viaduct Basin Apartments on Princes Wharf et al 2001/2
- New Lynn public convention /civic centre. Auckland. 2003
- Brittomart Train centre development.Auckland. 2002 (in May/June 2004 NZ Architectr)
- Manukau Landcare Research Building by Chow Hill Architects. (in Sept/Oct 2004 NZ Arch) - Eco sustainable design awardee
- New Libraries at Mangere East, Onehunga, ChCh, Paraparaumu 2004
- Library at Massey. Eco design awardee. Auckland. 2002/3
- Telecom Shed .Viaduct Harbour by Jasmax. 2002.(in March/April 03 NZ Arch)
- New Art Gallery, Worcester Boulevard,Christchurch, by Buchan group 2003
- Brittomart Transport Centre 2005 by Jasmax
- Apartments Hyatt - Viaduct Aki by Archimedia 2005
- Unitec Landscape and Plant Science Building .2005. Mitchell and Stout.
- Auckland City Hospital Grafton 2005
- Vector Arena Auckland 2007(now Spark Arena 2017)
- Waitangi Park, Wellington, by Athfield Architects 2007
- Springhill Prison Complex Waikato - 2007
- Auckland Museum - new gallery 2007 by Noel Lane.
- Waitakere City Council Building- Civic Centre. 2007.
- Meridian Building, sustainable architecture Green Star rated 5 design, Wellington 2008, by Studio Pacific Architecture and Peddle Thorp.
- Trinity Apartments 429 Parnell Road. 2008. Architectus .
- Stratis Apartments. Viaduct. 2008. Architects Patterson.
- Hills Clubhouse. Arrowtown. 2008.
- Vodaphone Building 2008. Jasmax.
- Auckland Univ Schol of Business. 2008.
- New Supreme Court, Wellington. 2010. Warren and Mahoney. (NZArch 2/2010 p50-60).
- The Cloud..Waterfront Auckland .2011
- Auckland Art Gallery – the new extension 2011
- Apartments and more and more apartments in central Auckland and in Wynyard Quarter, Onehunga etc.
- Waterview Tunnels - 2018.

Refs.. Architecture' Journals from USA
 'Architecture Journal' from UK
 NZIA website info@nzia.co.nz

Selection of Architectural Practices of the 90's and today World

- Richard Rogers Partners (UK)
- Frank Gehry (USA+ Europe)
- Richard Meier (USA)
- Tonkin Zulaikha (Australia)
- Ken Yeang (Malaysia)
- Norman Foster partners (UK)
- Tom Kovac (Australia)
- Glenn Murcutt (Australia)

NZ

- Athfield Architects (Wellington)
- Architects Patterson
- Cook, Hitchcock, Sargisson Architects (Auck)
- Royal Associates Architects (ChCh)
- Jasmax (Auck)
- Pete Bossley Architects (Auck)
- Mitchell and Stout (Auck)
- Warren and Mahoney (ChCh/ Auck)
- Craig, Craig, Moller Architects (Auck/Wellington)
- Et al

