



**GREG REIBEL**  
SENIOR DRAFTSPERSON  
CURRICULUM VITAE

# GREG REIBEL CV



## PROFILE

Greg is a Senior Draftsperson with over 45 years experience in the Engineering profession in New Zealand and Australia. Over 30 years of experience working with CAD and BIM, and 15 years as a lecturer and trainer in AutoCAD and Revit throughout Australasia and the Pacific.

He has been involved in a wide variety of projects including schools, universities, apartments, hotels, casino buildings, entertainment complexes, airport buildings, supermarkets and multiple industrial buildings and has amassed a vast knowledge base.

## QUALIFICATIONS

Structural Engineering Certificate, Sydney Technical College (Now TAFE), 1976

## CAREER HISTORY

2021 – Present, Senior Draftsperson – Structus Consulting Limited

2020 – 2021, Senior Structural Technician, Kirk Roberts Consulting Ltd, Auckland

2012 – 2020, BIM Manager / Senior Draftsperson, Structure Design Ltd, Auckland

2011 – 2012, 3D Modelling Manager / Senior Draftsperson (Contract), Northrop Consulting Engineers, Newcastle, Australia

2002 – 2010, BIM/CAD Specialist / Trainer, CADPRO Systems Ltd, Autodesk Reseller, Auckland

1992 – 2001, Senior Draftsperson / Drafting Manager, Holmes Consulting Group, Auckland

1996 – 1999, Part time CAD Lecturer, UNITEC, School of Construction, Auckland

1989 – 1992, Contract Draftsperson, self-employed, Auckland

1982 – 1989, Senior Structural Draftsperson, Jenkins and Roberts Ltd, Tauranga

1980 – 1982, Senior Structural Draftsperson, Gillman Partners (now AECOM), Hamilton

1977-1980, Structural Draftsperson, Taylor Thomson Whitting (now TTW), Sydney, Australia

1972-1977, Apprentice Draftsperson, Macdonald Wagner & Priddle (now Aurecon), Sydney, Australia

## MANAGEMENT SKILLS

- Leadership and guidance of drafting design teams and projects
- Strong communication and teaching skills

## TECHNICAL SKILLS

- Proficient in the use of both Revit and AutoCAD (2D and 3D) for modelling and documentation purposes
- Skilled in the use of SketchUp 3D and Autodesk Navisworks
- Skilled in the use of Microsoft Office software and Google productivity tools
- 35 years' experience with Windows operating software and 5 years Chrome utilising Google chrome operating software

## SELECTED PROJECT EXPERIENCE

### COMMERCIAL PROJECTS

#### **Hyatt Centric Hotel, Queenstown, 2020-2021**

Design of new 7 storey hotel building consisting of Basement and 2 no. Podium levels of precast and insitu concrete design on bored concrete piles, 4 Levels of accommodation modules with manufactured steel frame

#### **New World Supermarket Extension Green Bay, Auckland, 2021**

Extension to existing supermarket consisting of steel portal framed structure on insitu concrete foundations

#### **New Mercedes Benz Showroom and Workshop Building, Takapuna, 2017-2019**

Developed Design Stage of proposed workshop and showroom consisting of steel framed structure on driven steel piles and concrete foundations

#### **IBIS Hotel Extension, Auckland Airport, 2014-2015**

6 Storey reinforced concrete and steel framed structure on concrete and steel piles

#### **Copthorne Harbour City Refurbishment (Mi Social Hotel), Auckland Waterfront, 2015-2017**

Seismic upgrade and new podium level of steel framed canopy and dining extension to the existing 13 no. storey reinforced concrete building

### RESIDENTIAL PROJECTS

#### **14-18 Roosevelt Ave, Oranga, Auckland, 2018-2020**

3 storey precast concrete panel apartment building on concrete foundations for Kainga Ora

#### **2 Churton St Apartments, Parnell, Auckland, 2018-2020**

7 storey steel framed apartment building on concrete foundations and piles

#### **Mount Royale Apartments, Mount Maunganui, 1985-1987**

6 storey reinforced concrete apartment building on raft foundation

#### **Westwater Apartments, Herne Bay, Auckland, 1987-1989**

16 storey reinforced concrete and steel framed apartment building on steel and concrete piles

#### **Shangri La Apartments, Herne Bay, Auckland, 1987-1989**

16 storey reinforced concrete and apartment building on steel and concrete piles

**Hyatt Residences Apartments, Auckland,  
1999-2001**

12 storey reinforced concrete structure  
adjoining existing hotel building

**AGED CARE PROJECTS**

**Selwyn Village SV8, Point Chevalier,  
Auckland, 2014-2015**

3 storey steel framed and precast concrete  
clad accommodation building on concrete  
foundations and bored piles

**Metlifecare Stage 4, Takapuna, Auckland,  
2015-2016**

5 storey steel framed and precast panel  
concrete clad accommodation building on  
concrete foundations and bored piles

**EDUCATION PROJECTS**

**St Ignatius Secondary School, Drury,  
2021–present, \$25 million (Stage 1)**

A new secondary school with works over 3  
Stages. The masterplan for the site includes  
Residential, Secondary School, Primary and  
Early Child care facilities. Structus has been  
engaged for Stage 1-3 structural engineering  
concept and preliminary design for the  
Secondary School, and full design and  
construction monitoring services on Stage 1  
which comprises a 3 storey Teaching &  
Learning and Administration Block, Chapel,  
Auditorium, Hall, Café, Changing rooms,  
Library and Entry.

**Park Estate New Build School, Hingaia,  
Auckland, 2020**

New single storey steel framed structures on  
concrete foundations

**Building 405 (New Engineering Building),  
Auckland University, 2015-2019**

11 storey steel framed structure, seismically  
braced on bored concrete piles

**Waiparuru Hall, New Student  
Accommodation, Auckland University,  
2018-2020**

2 no. towers, 12 storeys each on common 3  
storey podium, all concrete framed on bored  
concrete piles, with precast panel wall  
cladding

**MUSEUM PROJECTS**

**Te Papa, National Museum of New  
Zealand, Wellington, 1992-1997**

Concrete framed structure sitting on lead and  
rubber seismic bearings, on insitu concrete  
foundations. This site is on compacted  
reclaimed land

**Auckland War Memorial Museum Project  
2000 Upgrade, 1994-1999**

Seismic strengthening of existing concrete  
and masonry main building

**ENTERTAINMENT PROJECTS**

**Riverside Casino Complex, Hamilton,  
1998-2000**

Brand new casino, entertainment and  
accommodation building with underground  
parking. Steel framed and on bored piles

**Force Entertainment Complex, Queen St,  
Auckland, 1997-2000**

New 6 storey complex steel and concrete  
framed, adjoining existing 6 storey retail  
complex consisting of 6 no. cinemas plus

IMAX cinema, ground level food hall and tenpin bowling centre

### **AVIATION PROJECTS**

#### **Auckland Airport International Airport Expansion Project, 1995-1999**

Steel framed structures, land side and airside, doubling capacity for international passengers and planes. New concourse areas, arrivals and departures areas, baggage handling and customs areas, and airbridge and waiting lounge areas

### **SELECTED OVERSEAS PROJECT EXPERIENCE**

#### **AIRPORT PROJECTS**

#### **New Aircraft Maintenance Hanger, Changi Airport, Singapore, 1995-1996**

Steel framed / trussed structure to hold 2 Boeing 747's or 3 smaller sized jets. Roof structure assembled at Ground Level and then jacked into final position

#### **SPORTS FACILITY PROJECTS**

#### **Taurama Aquatic Centre and Indoor Sports Complex, Port Moresby, Papa New Guinea, 2012-2015**

Designed for the 2015 Pacific Games. Consisting of an Olympic Pool and training pool with outdoor seating, grandstand. An indoor arena (6 basketball courts), and a changing room / gym building with administration facilities. Predominantly steel frame with insitu concrete floors and foundations

#### **Sir John Guise Stadium Redevelopment, Port Moresby, Papa New Guinea, 2012-2015**

Redeveloped for the 2015 Pacific Games. Consisting of upgrading and extending the old Grandstand plus new uncovered bleachers steel framed with precast concrete seating. New steel framed electronic scoreboard and screen structure

