



EDWIN MENDOZA
STRUCTURAL DRAFTSPERSON
CURRICULUM VITAE

EDWIN MENDOZA CV



PROFILE

Edwin is an experienced draftsperson with over 22 years experience. Starting work in the Philippines he then moved to Saudi Arabia and afterwards Singapore, before coming to New Zealand with his family. He has worked extensively with AutoCAD and has been developing skills working with Revit and BIM Coordination in recent years.

He has been involved in a wide variety of projects including high rise residential buildings and civic buildings, Changi Airport, University sports areas and facilities, Public Security Force, Ministry of Education, Interior and Defence in Saudi Arabia.

QUALIFICATIONS

Bachelor of Industrial Technology, Major in Civil Engineering Technology, Batangas State University, 2002

CAREER HISTORY

2023 – Present, Structural Draftsperson – Structus Consulting Limited

2012 – 2023, BIM Modeller - WSP Consultancy Pte. Ltd, Singapore

2011 – 2012, Structural Draftsperson - Saudi Oger Ltd, Kingdom of Saudi Arabia

2007 – 2010, Autocad Draftsperson - Saudi Development Construction Company, Kingdom of Saudi Arabia

2005 – 2006, Autocad Draftsperson - Carrey Planning & Design Builders, Philippines

2003 – 2004, Autocad Operator - HRD (S) Pte. Ltd, Philippines

TECHNICAL SKILLS

- Proficient in the use of both Revit and AutoCAD (2D and 3D) for modelling and documentation purposes
- Knowledge in the use of 3D Studio Max
- Knowledge in the use of Microsoft Office software
- Strong communication skills

SELECTED PROJECT EXPERIENCE

CIVIC PROJECTS

Te Mana Museum of Southland, Invercargill, 2024-Present, \$50M

New Museum Facility for Invercargill City consisting of two Buildings (East and West) connected by a central foyer. The buildings are designed predominantly as Steel frames with Comflor slab and precast concrete shear walls. The Foundations are shallow concrete footings for the West building and screw piles with concrete pilecaps and ground beams for the East building.

Responsible for Revit structural, seismic restraint of building components drafting works.

Three Kings Quarry, Auckland, 2024-Present

Kingsway Connection comprises a new 3 storey high concrete lift core, steel stair and 16m long bridge connecting the lift core to the adjacent bank. A01A02 comprises structural works comprises a new 3 storey high concrete lift core and bridge connecting to the adjacent retaining wall. Responsible for Revit structural drafting works.

AGED CARE PROJECTS

Whai Mauri Ora Clubhouse, Te Awamutu, 2024-Present, \$10m

Clubhouse and Living Well Centre. Engineered timber and structural steelwork are utilised as structural elements for this project, to create a lightweight, durable and low carbon footprint building. Responsible for Revit structural, seismic restraint of building components drafting works.

Aria Park, Auckland, 2023-present, \$50m

A new multi storey over basement aged care facility at Aria Park Retirement Village. Designed with concrete columns, precast concrete beams with insitu stitches, precast double tee flooring system and concrete shallow foundations. Timber site retaining walls with steel piles. Responsible for Revit structural and seismic restraint of building components drafting works.

RETAIL PROJECTS

Pak'nSave Wairau, Auckland, 2024-Present

New timber awning and new suspended steel open deck at mezzanine level between the

Retail and Bulk Store Buildings. Responsible for Revit structural drafting works.

Four Square Coopers Beach, Northland, 2024

New freestanding loading dock steelwork canopy and external coolroom structure to the rear of the store, plus internal fitout structural items. Responsible for Revit structural drafting works.

Woolworths Pukekohe Central Refurbishment, Auckland, 2024

Refurbishment of the Woolworths Store. Responsible for Revit structural drafting works.

Woolworths Papamoa Refresh, Papamoa, 2024

The structural works include alterations, such as partition walls and seismic restraints, plus rooftop signage and plant platform upgrade. Responsible for Revit structural and seismic restraint of building components drafting works.

Waimakariri Junction Stage 1B, Canterbury, 2023-2024

Two new standalone retail tenancy buildings consisting of precast concrete shear walls, shallow concrete foundations, steelwork portal frames and cantilever front veranda roof. Responsible for Revit structural drafting works.

Pak'nSave Warkworth Extension, Auckland, 2023-2024

Extension of the existing Pak'nSave building. The Structural works include demolition of existing structures and new back of house bays of steel portal frames connecting to the

existing structures. Responsible for Revit Structural Drafting works.

Woolworths Tawa Renewal, Wellington, 2023

Upgrade to the existing retail area, which includes new walls and new slab stitches, trenches. Responsible for Revit structural drafting works.

Woolworths Bureta Park Renewal, Tauranga, 2023

Refurbishment to the existing supermarket building for new internal walls, openings in precast concrete walls, new online click and collect space and external pick-up zone, including two new canopies. Responsible for Revit structural and seismic restraint of building components drafting works.

Countdown Mosgiel Online Extension, Dunedin, 2023

Online Pickup Renewal that includes a new extension with external precast concrete panels and two new canopies – new canopy for a courier parking area and a pick-up canopy. Responsible for Revit structural drafting works.

Countdown Awapuni Courier Canopy, Palmerston North, 2023

New canopy over the courier pick up area. Responsible for Revit structural drafting works.

Countdown Mt Eden Online Pickup Canopy, Auckland, 2023

New external pick-up canopy at the store. Responsible for Revit structural drafting works.

Countdown Grey Lynn Pickup Canopy, Auckland, 2023

New external pick-up canopy at the store. Responsible for Revit structural drafting works.

CORRECTIONS PROJECTS

Auckland Prison Units 1-5 Balustrades, Auckland, 2023

Replacement balcony and stair balustrades to the Auckland Prison older wings, compliant to New Building Standards loading with the balustrades higher than Standards. Responsible for Revit structural drafting works.

SELECTED OVERSEAS PROJECT EXPERIENCE

SINGAPORE PROJECTS

Development of 3 Runway Operations at Singapore Changi Airport Project, Singapore, 2016-2023

Appointed as BIM Coordinator doing the coordination works for multiple disciplines to ensure that all data and information are in line with Client's requirements and in accordance with the BEP. Report progress of BIM Modelling and submission, plus highlight where progress is falling behind.

4-in-1 Rail & Bus Depot and Reception Tunnels for Thomson – East Coast Line Project, Singapore, 2012-2016

Works as Support BIM Modeller in doing production level Revit Structural drawings for layout plans, sections, elevations and detail sheets as instructed by Engineers.

**Warehouse, ETA Construction Engineering
Pte. Ltd, Singapore, 2012**

Providing shop and detailed drawings needed for the fabrication of Aluminium Door and Windows and other details needed on site.

MIDDLE EAST PROJECTS

**Military base, Saudi Oger Ltd., Kingdom of
Saudi Arabia, 2011-2012**

Preparing formwork drawings for shoring, shuttering and special formworks components based on Client's request and as proposed by the Contractor for new buildings construction. Also responsible for all the modification of the drawings and quantity of materials needed on site based on the contract drawings provided.

**Military Base, Saudi Development &
Construction Co., Kingdom of Saudi
Arabia, 2007-2010**

Responsible for all the drawings needed for the construction of new buildings for Sports Facilities, Firing Ranges and Dormitories for soldiers.

PHILIPPINE PROJECTS

**Residential Houses, Carrey Panning &
Design Builders Philippines, 2005-2006**

Responsible for all the drafting of architectural drawings including vicinity map, layout plans and details for internal and external design of multiple houses.

**Residential Houses, HRD (S) Pte. Ltd,
Various locations in Japan, 2003-2004**

Responsible for drafting structural designs for multiple houses built in Japan.

