



KAREEM ARGUNA
SENIOR DRAFTSPERSON
CURRICULUM VITAE

KAREEM ARGUNA CV



PROFILE

Kareem is an experienced architect with a demonstrated history of working in the structural consulting industry. Kareem is skilled in Architectural Design, Theory of Structures and Building Information Modelling (BIM).

A strong professional with a bachelor's degree in Architecture, with 7 years' experience in a Structural Engineering modelling and detailing in New Zealand makes him an efficient part of the team in producing high quality design documentation.

QUALIFICATIONS

Bachelor's degree in Architecture, Philippines
2005

2007 - Architects Licensure, Professional Regulations Commission PRC, Philippines

2005 - Bachelor of Science in Architecture, University of Mindanao, Davao City, Philippines

6 years' experience in architectural design and planning

7 years' experience in structural engineering BIM modelling and detailing.

CAREER HISTORY

2019 – Present, Senior Draftsperson, Structus Consulting Limited

2012 – 2019, Architectural BIM Coordinator, DHC Consulting Ltd.

2005 – 2011, Senior Architect, DCP Construction, Philippines

2003 – 2005, Architectural Staff, IDC Quinto Architects, Philippines

2001 – 2002, As-built Draftsman, Summa Kumagai Inc. Philippines/Japan

TECHNICAL SKILLS

- Use of appropriate software applications, such as Revit and AutoCAD, to create and modify design structures and engineered elements
- Read and understand architectural drawings and produce structural model drawings and details under limited guidance of structural engineers
- Coordinating details with trades and liaising with engineers for ease of construction on site

SELECTED PROJECT EXPERIENCE

RETAIL PROJECTS

Westfield 309 and 277 Broadway, Auckland

A new Shopping centre in Newmarket, Auckland with a project value of over \$700 million. The structural form comprised of light weight structural steel framed concrete floors on steel beams and columns. This system allowed for the condensed construction programme and still being the most cost-effective flooring system in the market. Gravity loads are primarily supported on concrete filled hollow steel posts which maximises load carrying capacity and net leasable area over its alternatives. The roof is of light weight steel construction and the foundation comprise of conventional reinforced concrete piles bedded in to the rock strata below.

RESIDENTIAL PROJECTS

Lots 2, 3, 4, 5, 15, 16 and 26 Vinegar Lane, Auckland

7 new apartment blocks constructed in steel and precast concrete featured in *Grand Designs NZ*.

Thompson Park Apartments, Auckland

107 apartments across two towers of five floors each. Construction involved a mixture of structural steel, precast concrete and Logicwall for the structural elements and aluminium joinery, cedar and ACP for the building envelope.

8 Central Road Apartments, Auckland

Apartment block comprising of precast concrete panels and a precast rib and timber infill flooring system. The main building elements form a structure of integrity and elegance.

The Outlook, Kepa Road, Auckland

Over \$40 million apartment complex at Mission Bay.

COMMERCIAL PROJECTS

83 Victoria Street, Christchurch

This 6-level steel office structure has a Comflor deck steel profile floor which is supported on a grid of secondary and primary steel beams. The columns are concrete filled steel hollow sections founded on screw piles. Bracing is provided by Shear walls and concrete frame to the lower 5 floors and steel eccentric braced frame (EBF) for the top floor and roof structure.

50 Victoria Street, Christchurch

This project involved the construction of a new 4-storey office building in the Christchurch rebuild. A structural steel and precast concrete structure, with three levels of suspended concrete floors, a Sonafil membrane roof and curtain wall envelope to the Victoria Street frontage.

Lichfield St. Carpark, Christchurch

The project is 25,000 square meters consisting of 7 floors, with 6 floors of carparks and the ground floor for retail. The building is constructed predominantly of structural steel and concrete. This is a unique carpark in the sense that it is being 'future proofed' through the incorporation of designing for electric car charging bays and drop off points for driverless cars.

EDUCATION PROJECTS

Hauraki School, Auckland, 2018-present, \$6m

A new 10 classroom block. A two-storey structure consisting of light-weight roof and composite floor decking on Level 1. Portal frames are resisting lateral loads in one direction with braced frames located in the perpendicular direction. The project includes civil design and demolition of two blocks with a total of 4 no. teaching spaces and resource areas to allow the construction of the new 10 classroom block.

AGED CARE PROJECTS

Aria Bay, Auckland, 2016-present, \$30m

New retirement village development in Browns Bay, Auckland. 2 no. 5 storey apartments blocks and 4 storey day clinic block form the development within an existing operational retirement village campus. Structural engineering design and construction monitoring from concept through construction.

