



**YUSUF AKKAS**  
SENIOR DRAFTSPERSON  
CURRICULUM VITAE

# YUSUF AKKAS CV



## PROFILE

Yusuf is a Senior Draftsperson with over 30 years' experience in Structural and Civil engineering modelling and drafting.

Yusuf has worked as a Structural BIM and Civil 3D technician in New Zealand, Ireland and Turkey. He has been involved in a variety of Structural and Civil projects, including high rise residential, retail, commercial, industrial and civil infrastructure developments.

## QUALIFICATIONS

National Diploma - Quantity Surveying – UNITEC, New Zealand, 2016

National Diploma.- Architectural Technology – UNITEC, New Zealand, 2001

Diploma in Drafting – Yapi Meslek Lisesi (Vocational High School), Turkey, 1990

## CAREER HISTORY

2021 – Present, Senior Draftsperson – Structus Consulting Ltd, Auckland, New Zealand

2021, Structural Technician – BGT Structures Ltd, Auckland, New Zealand

2015 – 2021, Civil & Structural Technician – Envivo Ltd, Auckland, New Zealand

2011 – 2015, Civil & Structural Technician – Jawa Structures Ltd. NZ, Auckland, New Zealand

2007 – 2010, Structural Technician – Walsh Goodfellow Consulting, Dublin, Ireland

2005 – 2007, Structural Technician – Daly Knight Associates, Dublin, Ireland

2002 – 2004, Structural Technician – MSC Consulting Engineers, Auckland, New Zealand

2001 – 2004, Architectural Technician – Architex Pyt Australia, Sydney

1995 – 1997, Structural Technician – ATAK Ltd, Ankara, Turkey

1990 – 1995, Structural Technician – K & T Ltd. Ankara, Turkey

## TECHNICAL SKILLS

- Proficient in using drafting software Revit, Civil 3D and AutoCAD in preparing modelling plus engineering design and detailed drawings

## **PROJECT EXPERIENCE, NEW ZEALAND**

### **STRUCTURAL PROJECTS**

#### **De La Salle College, Auckland, present, \$14m**

A new 3 storey 16 classroom block with ground floor administration and teaching space at De La Salle College. The building is part of the masterplan to address the need for larger teaching spaces and increased functionality. The building is constructed on a challenging site, with steep topography, poor ground conditions and flood susceptibility. The structure generally comprises precast concrete flooring and walls, on ground beams and steel driven piles with overbores. Structus has provided design for a Haul Road to allow for demolition of existing blocks and relocation of buildings at the school. Structus is providing full structural and civil engineering design, documentation, and construction monitoring services.

#### **Wentworth Community Centre, Papakura, Auckland, 2021, \$23m**

1600m<sup>2</sup> total three storey main building (including basement carpark) with three external canopies and 250m<sup>2</sup> link building to the existing community centre. In situ reinforced concrete, block walls, precast concrete, timber & steel frame with precast concrete rib and timber infill floors. Revit documentation.

#### **Southern Cross Cancer Care Canopy / Treatment Centre, Takapuna, Auckland, 2018, \$12m**

750m<sup>2</sup> three storey building with external canopy and 200m<sup>2</sup> rooftop plant room. In situ reinforced concrete, precast concrete, steel frame with precast concrete rib and timber infill floors. Revit documentation.

#### **East Coast Bays Fire Station, Northcross, Auckland, 2020, \$8m**

1600m<sup>2</sup> single and two storey building with insitu reinforced concrete Dintel walls, steel portal frames, structural steel frames with precast concrete rib and timber infill floors, precast, plus timber frames. Revit documentation.

#### **Countdown Waiheke Island, Auckland, 2017, \$34m**

3500m<sup>2</sup> two storey building. Basement carparking, ground floor supermarket store and five retail stores. In situ reinforced concrete, precast concrete, steel frame with precast concrete rib and timber infill floors plus timber pile retaining walls. The ground floor plate was documented as a post-tensioned floor for tender, then revised as steel frame with precast concrete rib and timber infill slab. Revit and AutoCAD documentation.

#### **McColl Street Office and Retail, Development, Auckland, 2013, \$4m**

400m<sup>2</sup> two storey building. Steel & timber frame, slab on grade.

#### **Symonds Street Development, Auckland, 2003, \$56m**

8 storey apartments with single level basement carparking. Steel frame, precast hollowcore floor, reinforced concrete piles, masonry block walls.

#### **Roadshow Entertainment Headquarters, Auckland, 2003, \$16m**

2000m<sup>2</sup> warehouse and office. Steel portal frames, precast concrete walls, timber floor for mezzanine and concrete slab on grade.

## **CIVIL PROJECTS**

### **Countdown Lincoln Road, Auckland, 2012, \$14m**

1400m<sup>2</sup> retail development civil documentation. Detailed in Civil 3D.

### **Khartoum Place Upgrade, CBD, Auckland, 2014, \$4m**

Open space upgrade. Detailed in Civil 3D.

### **Western Park Footpath, Ponsonby, Auckland, 2014, \$1.5m**

Footpath upgrade, suspended timber and concrete. Detailed in Civil 3D.

### **Mission Bay Footpath Upgrade, Auckland, 2016, \$9m**

Footpath upgrade. Detailed in Civil 3D.

### **Manukau Road Streetscape Upgrade, Auckland, 2018, \$6m**

Streetscape upgrade. Detailed in Civil 3D.

### **Britomart Precinct Alterations, Auckland, 2017, \$6m**

Streetscape upgrade. Detailed in Civil 3D.

### **New footpath between Parnell Railway Station & AUT Student Residence, Auckland, 2017, \$9m**

New footpath, slab on grade & suspended timber on timber piles. Detailed in Civil 3D.

### **Custom Street East, Auckland, 2020, \$47m**

Streetscape upgrade. Detailed in Civil 3D.

### **Avon River Precinct East Frame, Christchurch, 2016, \$8m**

Earthworks. Detailed in Civil 3D.

## **PROJECT EXPERIENCE, IRELAND**

### **Factory Extension, Naas, Co. Kildare, Ireland, 2005, €2.5m**

Steel portal frame, concrete slab on grade. Detailed in AutoCAD.

### **Factory Extension, Naas, Co. Kildare, Ireland, 2005, €6m**

Steel portal frame, concrete slab on grade. Detailed in AutoCAD.

### **Kinsale Harbour Development, Co. Kildare, Ireland, 2006, €32m**

Residential and retail development, steel frame, insitu concrete, concrete slab on grade.

### **Boland's Mill Redevelopment, Co. Kildare, Ireland, 2006, €150m**

Mixed use development. Conversion of 4 no. cut stone heritage buildings into commercial spaces & 15 storey new office building with 3 levels of basement carparking. Detailed in AutoCAD.

### **GGBS Cement Plant, Fos-sur-Mer, Marseille, France, 2007, €47m**

Main plant development with 1 no. vertical mill, adjacent filter building, workshop, admin-office-dispatch-cafeteria building and 4 no. silos. Structural steel frame, concrete slab on grade. Detailed in AutoCAD.

## **PROJECT EXPERIENCE, AUSTRALIA**

### **Medium Density Residential Development, Blacktown, NSW, 2002, \$7m**

Detailed in AutoCAD.

**Medium Density Residential Development,  
Guildford, NSW. 2003, \$5m**

Detailed in Auto-CAD.

**PROJECT EXPERIENCE, TURKEY**

**Various large insitu concrete residential,  
commercial & public structures for Turkish  
Telecom, Ministry of Public Works and  
Housing, Ministry of Defence and private  
developers**

All detailed manually between 1990-1996 in  
Turkey.

