



THOMAS SHERLOCK
SENIOR DRAFTSPERSON
CURRICULUM VITAE

THOMAS SHERLOCK CV



PROFILE

Thomas is a Senior Draftsperson who has over 14 years' experience within the United Kingdom and New Zealand as a Structural and Civil Draftsperson. Working within large multi-disciplinary consultancies in the United Kingdom, he gained a wealth of experience working across multiple fields. He immigrated to New Zealand in 2021 and brings this wealth of experience to the team at Structus.

Thomas has been involved in a variety of large building and infrastructure projects, including education, high rise residential, commercial buildings, healthcare and sports facilities. Working as a dedicated BIM manager for several years he has recently completed specialist training in this field.

QUALIFICATIONS

Information Management Practitioner,
Operam Academy, 2021

Higher National Certificate Civil Engineering (HNC), Liverpool John Moores University, United Kingdom, 2012

National Certificate Civil Engineering (ONC), Liverpool Community College, United Kingdom, 2010

Technician Member (EngTech MICE), Institute of Civil Engineering, United Kingdom, 2012

CAREER HISTORY

2022 - Present, Senior Draftsperson, Structus Consulting Limited

2021 - 2022 Senior Consultant/BIM Manager Aurecon, Auckland, NZ

2019 - 2021 Senior Structural, Civil & Architectural BIM Draftsperson, Babcock, Bristol, UK (contract)

2018 - 2019 Senior Structural BIM Draftsperson, Kier, Liverpool, UK (contract)

2018 - 2019 Lead Structural BIM Draftsperson Baker Hicks, Salford, UK (contract)

2017 - 2018 Structural BIM Draftsperson Mott Macdonald, Liverpool, UK

2016 - 2017 Structural BIM Draftsperson Curtins Consulting, Liverpool, UK

2016 - 2017 Structural BIM Draftsperson Altus Steel Fabricators, Wirral, UK (contract)

2014 - 2015 Structural Draftsperson & Design Co-ordinator Elluc Projects, Warrington, UK (contract)

2012 - 2014 CAD Draftsperson R&R Design, Liverpool, UK (contract)

2008 – 2012 CAD Draftsperson
Clancy Consulting, Liverpool UK

MANAGEMENT SKILLS

- Able to co-ordinate and liaise BIM models within the design team
- Setting up and management of systems for BIM accredited jobs
- Confident and able to work individually or within a collaborative environment

TECHNICAL SKILLS

- Proficient user of Revit, AutoCAD & Navisworks for modelling and documentation purposes
- Creating models and drawings from concept through to completion
- Assisting engineers in developing solutions to complex structural engineering problems, including seismic analysis and design of new and existing building and civil structures

SELECTED PROJECT EXPERIENCE

RETAIL

Supermarket Refurbishments, NZ wide, present, \$2-10m

Refurbishment of 1 no. Countdown supermarkets to date for Woolworths NZ, including new pharmacy, mezzanines, concrete slabs, extensions, canopies, store frontages, structural bracing, rooftop plantrooms, bulkheads, partition walls, pylon signs, building component seismic restraints and floor trenches and setdowns. Structural engineering design and construction monitoring.

EDUCATION

Cambridge University Accommodation, Cambridge, UK, 2014-2015

Large seven storey residential development for student accommodation. The structure was typically precast concrete.

Keel University Accommodation, Keel, UK, 2014-2015

New six storey residential development for student accommodation. The structure was typically precast concrete with a new steel frame sports hall.

COMMERCIAL PROJECTS

Hopes Carr, Stockport, UK, 2017-2018

New multi-storey car park and retail project consisting of steel and concrete frame construction. This complex project centred around a rotunda.

HEALTHCARE AND AGED CARE PROJECTS

Stoke Westcliffe Care Home, Stoke, UK, 2016-2017

Large two storey residential development for retirement care. The structure was typically steel frame but also included retaining walls on the site boundary.

RESIDENTIAL PROJECTS

Josephine Butler House, Liverpool, UK, 2016-2017

Refurbishment of Victorian Building to provide 8 new luxury apartments. Project includes strengthening works to existing building and foundations as well as extension to the property.

TRANSPORT INFRASTRUCTURE

City Rail Link, Auckland, NZ 2021-2022

New Zealand's largest ever transport infrastructure project. A 3.45km twin-tunnel underground predominantly steel and concrete design. Assisted in all things BIM management on this project including but not limited to, Revit modelling, Creating BIM Execution Plans, Clash coordination and the setup of a common data environments.

**Northern Pathway, NPW2A, Auckland, NZ
2021-2022**

Drafting of a dedicated walking and cycling link in the form of a new pedestrian bridge attached to the existing Auckland Harbour bridge.

SPORTS PROJECTS

**Liverpool Football Club, Training Facility,
Liverpool UK, 2018-2019**

New Training Facility for Liverpool Football Club. This project consisted of steel and concrete frames, with complex retaining walls and infrastructure works.

**Everton Football Club, Stadium Extension,
Liverpool, UK, 2018-2019**

Redevelopment of existing steel structure stand to provide disabled seating. New steel frame and remedial works to existing stand.

MARINE ENGINEERING

**Devonport Dock Yard, Plymouth, UK, 2019-
2021**

Redevelopment of UK's largest dockyard for the Ministry of Defence. Redevelopment of 10 docks, including demolition and construction of new buildings for development of nuclear submarines refitting facility.

POWER INFRASTRUCTURE

**IFA-2 Interconnector, UK – France, 2018-
2019**

Buildings to house a subsea electrical interconnector running beneath the English Channel. Structures predominantly steel and concrete frame. As the lead Structural BIM Draftsperson Thomas's role involved the creation of all Structural Models and Drawings in Revit, which included both steel and concrete framed buildings and leading weekly coordination meetings with all disciplines.

