JAMES KERR
SENIOR DRAFTSPERSON
CURRICULUM VITAE



JAMES KERR CV



PROFILE

James Kerr is a Senior Structural Revit Drafter and BIM Manager with 13 years of drafting experience in engineering consultancies across New Zealand. He has led drafting teams across three NZ offices and managed site teams of 20+ people on the City Rail Link. His project experience also ranges from retirement village developments to production line upgrades.

Before moving into design, James built a trade background in heavy fabrication and welding and served as a Field Engineer in the New Zealand Army. He then worked as a site engineer on the City Rail Link stations, where he designed and detailed reinforcing for site construction. That practical grounding means his drawings and coordination reflect how structures are fabricated, reinforced, and built, which reduces clashes, RFI's and rework on site.

James's work centres on drawing and documentation coordination, multidisciplinary clash detection, and document control. He collaborates directly with directors, consultants, contractors, and site managers to resolve design and construction issues early, and he supports and mentors the teams he leads.

James learns quickly, adapts fast to new roles, and makes sure the people he coordinates with are confident in the work.

QUALIFICATIONS

2021 - Underground Induction Training

2013 - National Diploma in Architectural Technology (NDAT)

2009 - Trade Certificate in Sheet Metal Fabrication

2002 - Westlake Boys High School, Auckland

CAREER HISTORY

2026 – Present, Senior Structural Draftsperson – Structus Consulting Limited

2024 – 2026, Senior Structural Draftsperson – Silvester Clark Engineers

2021 – 2024, Senior Structural Draftsperson & Drafting Manager – EQ Struct Engineers

2021 – 2021, Senior Structural Draftsperson & Site Engineer (Contracting) – Eurocorp (CRL)

2020 – 2020, Senior Structural Draftsperson (Contracting) – Harris Foster Consulting

2017 – 2020, Senior Structural Draftsperson & Drafting Manager – Sullivan & Hall Engineers

Earlier Career, Trade Metal Fabricator, and welder – Army and civilian company's

Earlier Career, Field Engineer – New Zealand Army

MANAGEMENT EXPERIENCE

- Manages and coordinates a team of people across multiple projects and workstreams.
- Team leadership and day-to-day people management
- Planning workloads and allocated tasks by project priority, individual capability, and deadline
- Coordinates resources and daily priorities across multiple projects, locations, and sites
- Provides technical guidance, mentoring, training, and staff development.
- Reviews work and deliverables and gives constructive feedback to maintain quality and consistency.
- Coordinates communication between the team and site managers, project managers, consultants, contractors, subcontractors, and senior management
- Supports team members with technical problems and helps resolve complex project and coordination issues.
- Makes sure team members and site personnel work from the latest project information.

TECHNICAL SKILLS

- Structural Revit modelling, documentation and BIM management, including company Revit templates, components, and Autodesk collaboration set-up.
- Multidisciplinary drawing review and Navisworks clash detection.
- Point cloud scanning of existing buildings and plant rooms for as-built Revit models.
- Reinforcing design and detailing for site construction
- Site management and technical coordination with site managers, engineers, contractors, and consultants.
- Managing drawing revisions so teams work from current information.
- Coordination planning, reporting, contract management, and relationship management.
- Buildable, programme-aware solutions that suit site conditions.

SELECTED PROJECT EXPERIENCE

AGED CARE PROJECTS

Summerset Group, Auckland developments incl. St Johns, ~$350m

Major metropolitan retirement village developments, with overall company build costs of approximately $350 million. Coordinated and managed multidisciplinary project drawings and documentation, conducting detailed drawing reviews and clash detection to resolve design conflicts early. Worked with site managers, directors, consultants, and contractors to make sure documentation matched site conditions and customer requirements, and managed design changes to minimise delays, rework and disruption to construction.

SEISMIC STRENGTHENING PROJECTS

486 New North Road Building Strengthening, Auckland

Bring existing building up to new Earthquake codes and new structure for new use. Managed and coordinated drawings and technical documentation for the strengthening and upgrade works, using point cloud scanning of the existing building to capture as-built conditions. Conducted multidisciplinary drawing reviews and clash

detection, worked with site managers, directors, consultants, and contractors to resolve design and site issues, and controlled drawing revisions so the site team always worked from current information and customer requirements were built into practical solutions.

239 Ponsonby Road Building Strengthening, Auckland

Bring existing building up to new Earthquake codes and new structure for the new occupancy. Managed and coordinated drawings and technical documentation for the strengthening and upgrade works, using point cloud scanning of the existing building to capture as-built conditions. Conducted multidisciplinary drawing reviews and clash detection, worked with site managers, directors, consultants, and contractors to resolve design and site issues, and controlled drawing revisions so the site team always worked from current information and customer requirements were built into practical solutions.

INDUSTRIAL PROJECTS

Laminex Taupō Production Line Upgrade, Taupo, ~NZ$275m

Major upgrade and replacement of the existing particleboard production line with a new state-of-the-art wood panels plant. Coordinated project drawings and documentation across multiple disciplines and stakeholders, undertaking drawing reviews and clash detection to identify potential construction and installation conflicts. Worked closely with site managers, construction teams, directors, consultants, and contractors to keep works aligned with the design, managed drawing changes so updated information reached the relevant teams and helped resolve complex site issues with practical solutions that supported project delivery.

INFRASTRUCTURE PROJECTS

City Rail Link (CRL) Karanga-a-Hape Station, Auckland, **~$5.5bn overall**

Major Auckland City Rail Link infrastructure project. Karanga-a-Hape Station is one of the major stations within the CRL network, including the Beresford Square station entrance. Provided site management and technical coordination across the Karanga-a-Hape Station works, coordinating site activities, personnel, and contractors so construction met project requirements, programme, and design information. Undertook the design and detailing of reinforcing for site construction, coordinating it with other disciplines and site conditions, resolving clashes and constructability issues, and managing reinforcing changes so updated information reached the relevant site and project teams. Worked directly with site personnel and engineers to resolve issues during construction, providing technical support while keeping a strong focus on buildability, quality and programme.

