Hana Raukura Bell

Graduate Civil Engineer

graduate-civil-engineer@example.test · Auckland, New Zealand

Education

BE Civil Engineering

Harbourside Institute of Technology | 2024

Surveying, transport and water engineering. Maintained the team design project's assumptions register.

Summary

Graduate civil engineer supporting local road and stormwater projects. Prepares tender, inspection and handover records for project engineer review.

Site and design evidence

1.6 km renewal — Checked pavement and drainage quantities before tender.
28 inspection records — Linked subgrade and pipe-bedding evidence to chainage.
Six as-built drawings — Used surveyed invert levels and reconciled two asset IDs before issue.

Experience

Graduate Civil Engineer

Waitaha Spur Design | 2025-02 – Present

- Checked take-offs for a 1.6 km road renewal against issued drawings. Logged discrepancies for engineer review before tender.
- Tracked 28 site inspection records for subgrade and pipe bedding. Filed tests and photos by chainage.
- Updated six drainage as-built drawings from invert levels. Reconciled two asset IDs with Survey before the engineer reviewed the drawings.
- Checked 14 driveway and kerb transitions, then flagged steep gradients and access restrictions for the design engineer.

Civil Engineering Summer Intern

Kōwhai Harbour Civil Works | 2023-11 – 2024-02

- Compiled a stormwater pit register. Cross-checked field photos against survey references and flagged uncertain locations.
- Prepared footpath take-offs for the estimator, recording revision numbers and site photographs by chainage.

Skills

Drawings and quantities: Civil 3D, Drainage and pavement take-offs, As-builts and revisions
Site and survey: Survey levels and chainage, Inspection and asset records

Projects

Campus overland flow study

2024

Compared two grading options and traced surface flow away from the pedestrian ramp in the modelled storm event.

Languages

English · Te reo Māori