Civil Engineer

Soft Skills

Good communication skills – verbal & written

Reliable/self-management (at work on time)

Able to follow instructions

Responsible for self and others

Willingness to learn

Attention to detail

Well organised

Love working with their hands/practical

Flexible (working hours/days)

Well presented

Comfortable in confined space/at heights/working

in all weather and getting dirty

Teamwork & work independently

Research skills

Honest/trustworthy

Positive attitude

Show respect and self-awareness

Practical/Logical

Problem solving skills

Methodical/accurate

Organisational skills

Self-motivated

Show initiative

Solution focused

Relationship building/maintenance skills

Able to work unsupervised

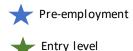
Strong communication skills

Sound decision maker

Calm under pressure

Detail driven







Mid Leve



Senior level

Technical Skills

10 Literacy credits (L1), 48 credits NCEA L2 in 4 subjects with at least 12 in Maths (prefer algebra, trig, calculus)

Good time management

Good computer skills

Drivers Licence & reliable car

Pass a drug test & MOJ check

NZ Diploma in Engineering – Civil (L6)

Use of CAD/other computer design programs

Prepare plans and drawings

Health & Safety conscious

Mathematical modelling skills

Knowledge of relevant codes/standards/practices/legislation

Bachelor of Engineering (Civil)

Advanced 3D design skills to produce designs/drawings

Leadership skills/mentor/coach/supervise

Negotiation skills

Ensure proper and complete documentation

Performance management

Good planning/prioritisation skills & can meet deadlines

Investigation & Data analysis

Budgeting/Financial/Cost management – prepare and

calculate costings for jobs

Ensure compliance

Prepare reports

Presentation skills

Risk assessment & management/strong focus on H&S

Monitor contracts & deliver outcomes

Stakeholder engagement

Strategic thinking

Analytical skills

Solution focused

Advanced HR skills & knowledge

Future planning

New business development

Roles



Work experience in chosen role Student

Apprentice

Graduate Engineer

Technician

Intermediate Engineer

Tutor

Asset Manager

Sales

Supervisor

H & S specialist

Estimator

Project Engineer/Manager

Designer

Consultant

Trainer

Senior Engineer

Site Engineer