

# Geotechnical and Civil Engineering Capabilities for Schools and Colleges

For the past 25 years the RILEY consultancy has provided innovative, cost-effective geotechnical and civil design solutions for over 70 schools and colleges in the Auckland area, including new buildings and additions to existing structures; playing fields; car parking areas; and service infrastructure. Our areas of expertise include:

## Geotechnical Investigation

Geotechnical site investigation and analysis provides guidance for foundation and site development. Geotechnical services include:

- ❖ Feasibility assessment of design/build supporting information
- ❖ Slope stability and foundation investigation
- ❖ Foundation design



## Earthworks and Civil Design

Civil design of infrastructure, earthworks design for new buildings and extensions to playing fields. Key aspects include:

- ❖ Earthworks and sediment control design
- ❖ Resource consent applications
- ❖ Earthworks supervision and management
- ❖ Roothing and pavement design
- ❖ Retaining wall design
- ❖ Pipework reticulation design



## Stormwater Management

Additional buildings, pavement and roading areas often require a review of stormwater systems. This can include:

- ❖ Upgraded or new pipework reticulation and drainage systems
- ❖ Stormwater quality and quantity management
- ❖ Applications for resource and building consent
- ❖ Flood assessments



## On-site Wastewater Treatment and Discharge

Design of on-site wastewater treatment and discharge including:

- ❖ Assessment of environmental effects
- ❖ Consent applications for new and upgraded systems
- ❖ Technical reviews of consent applications for regional and local councils
- ❖ Review of existing wastewater infrastructure



RILEY has been ISO 9001 certified since 1999 and is committed to maintaining high quality service delivery and control.

For further information on the services we can provide please refer to our web site or contact us.

