



## ENGINEERING CODE OF PRACTICE

### CONTENTS

- 1 **Part 1: Introduction** introduces the major changes and includes those definitions specific to the COP.
- 2 **Part 2: General Requirements** covers a number of regulatory details and sets out the process from design to acceptance by the Council of land developments.
- 3 **Part 3: Quality Assurance** sets out the requirements for the application of quality assurance to the construction of all assets. This has incorporated two major shifts: each project will require the implementation of a project quality system, with documentation and certification presented to the Council at both the design and construction stages; the traditional Council role of Clerk of Work-type inspections will be replaced with a structured audit-based system.
- 4 **Part 4: Geotechnical Requirements** sets out the requirement for geotechnical input in land development and what must be considered by the geotechnical engineer. It emphasises the Council's desire to work with the landforms and preserve natural features. It also details issues to be considered under erosion, sediment and dust control.
- 5 **Part 5: Stormwater and Land Drainage** builds on the Waterways and Wetlands Drainage Guide, which sits behind the COP as a supporting document. Part 5 provides more prescriptive design and compliance criteria than is found in the WWDG but reinforces the change of emphasis to include water quality and ecological protection.
- 6 **Part 6: Wastewater Drainage** provides the design and compliance criteria for wastewater systems and has been modified to include modern materials. The requirements for private drains have been tied to the New Zealand Building Code and it references the two pumping station specifications.
- 7 **Part 7: Water Supply** covers the design and compliance criteria of the water reticulation. It references the Water Supply Wells, Pumping Station and Reservoir Design Specification for larger infrastructure and has been updated for modern materials.
- 8 **Part 8: Roading Transport** sets out both the design and compliance criteria for the road layouts including private accessways covering road classification and the roads themselves e.g. footpaths, construction depths. It incorporates the design and construction of roads using Austroads specifications.
- 9 **Part 9: Utilities** covers the Council's compliance requirements for telephone, electricity and gas. It excludes the utility design itself, as this is to the network operator's responsibilities.
- 10 **Part 10: Reserves, Streetscape and Open Spaces** is a section on landscaping and reserves, based on NZS 4404 and modified to suit the Selwyn District context. It sets criteria for reserves, including layout, facilities, structures and furniture. It also applies to landscaping in legal roads.

- 11      **Part 11: Lighting** sets the Council's requirements in an environment in which private companies can carry out street lighting design and construction. It builds on AS/NZS 1158.
- 12      **Part 12: As-Built**s sets the Council's requirements for as-built information on completion of the development.
- 13      **Part 13: Water Races** sets the Council's requirements for construction or alteration work on stock Water Races.
- 14      **Part 14: Telemetry** sets the Council's requirements for installation and commissioning of telemetry control equipment.