

## **Thames-Coromandel District Council**

Code of Practice for Subdivision and Development

(Engineering Standards)

November 2013



## Foreword

The 2012 version of the Thames-Coromandel District Council "Code of Practice for Subdivision and Development (Engineering Standards)" is the result of an extensive review process taking over two years to complete. Input has been received from Councillors, Council officers, and local consultants and developers.

The document is closely aligned with engineering practice in other neighbouring Councils, but is still unique to the Thames-Coromandel District.

## Purpose and Objective of the Engineering Standards

Council's "Code of Practice" (referred to as the "COP") provide a means of compliance with the Rules and Performance Criteria of the District Plan, and specify minimum acceptable requirements to be followed in all practical circumstances.

The primary purpose of the COP is to ensure that the assets to be vested in Council achieve acceptable levels of service (capacity, maintainability and useful working life). The goal is to achieve public assets which are modern (i.e., current best-practice), cost-effect, and durable.

## **Ongoing Review Process**

The COP will require continuous review and amendment in response to changes in engineering best-practice and feedback from the field. Further review and any associated investigations will be managed by an in-house Technical Review Committee comprising key users of the standards within Council, in particular the Area Managers, Manager Infrastructure, Development Planning Engineer, the GIS Manager, the Principal Planner and the District Plan Manager. The committee will meet regularly to discuss issues related to the use of the standards.

An annual review of the Engineering Standards will be reported back to the Council. More urgent amendments will be reported as, and when, required. The annual review will include a consultation process seeking comments from consultants, developers, suppliers and other regular users of the standards.

## **Public Enquiries**

Public enquiries will be managed by Planning and Infrastructure. Written comments on the standards should be directed to:

Planning Manager Thames-Coromandel District Council Private Bag Thames

## Acknowledgement

A number of consultants and developers also provided comments on the draft standards. Some of these comments have been incorporated in the current version, while others will be given more detailed consideration in future reviews.



# Index

## FOREWORD

Purpose and Objective of Engineering Standards.

**Ongoing Review Process** 

**Public Enquires** 

Acknowledgements

#### SECTIONS

- 1. General Requirements and Procedures
- 2. Earthworks and Land Stability
- 3. Roading
- 4. Water supply
- 5. Wastewater
- 6. Stormwater and Land Drainage
- 7. Electricity and Telephone
- 8. Landscaping

#### **APPENDICES**

## General

- A Review Procedures
- B General Terms of Resource Consents
- C Engineering Standards
- C1A Statement of Professional Opinion as to Suitability of Land for Subdivision
- C1B Statement of Professional Opinion as to Suitability of Land for Building Construction
- D Definitions
- E Pre-Construction Meeting



## Applications

- F1 Resource Consent Application Form
- F2 Private Pumping Station Permit Application
- F3 Application for Connection for Water/Wastewater/Stormwater Meter
- F4A Application for Construction of Vehicle Crossing by a Council Authorised Contractor
- F4B Application for Construction of Vehicle Crossing by a Contractor not Authorised to Work without Supervision
- F5A Subdivision Bond Application Form
- F5B Bond Release Form
- F6 Finger Directional Signs Application
- F7 Street Opening Application
- F8 Streetlight Alteration/Installation Form (PowerCo)
- F9 Building over or close to Public Pipelines, Wastewater, Stormwater or Water

#### **Check Lists**

- G1 Engineering Plans and Specification Checklist
- G2 As-builts Checklist
- G3 RAMM Data Checklist
- G4 224C Field Officer Engineering Checklist
- G5 224C Landscaping Checklist
- G6 Streetlight Installation Checklist
- G7 Earthworks Certification Checklist
- G8 Road Certification Checklist
- G9 Water Supply Certification Checklist
- G10 Wastewater Certification Checklist
- G11 Stormwater Certification Checklist
- G12 Electricity Certification Checklist
- G13 Telephone Connection Certification Checklist



- G14 Landscaping Certification Checklist
- G15A Stormwater Dispersal System (designed to E1/VM1 Standards) Certification Checklist
- G15B Stormwater Dispersal/Retention System (alternative method) Certification Checklist

#### Certification

- H1 Design Certificate Land Development and Subdivision Work
- H2 Contractors Certificate upon Completion of Land Development/Subdivision Work
- H3 Certificate upon Completion of Land Development/Subdivision Work
- H4 Certification upon Completion of Maintenance Period following Land Development/Subdivision
- H5 As-Built drawing Certification
- H6 223 and 224C Subdivision Certification

#### Procedures

- I1 Finger Directional Signs Procedure
- I2 Road Naming Procedure
- 13 Streetlighting Policy and Guidelines for New Streetlighting
- I4A General Requirements for Private Wastewater Pumping Stations
- I4B Minor Public Wastewater Pumping Station
- I5 Building over or close to Public Stormwater, Wastewater or Water Pipelines and Infrastructure (with checklist)
- I6A On-Site Stormwater Dispersal Design Verification Method E1/VM1
- I6B On-Site Stormwater Dispersal Design Alternative Design Whangamata and Pauanui Sand-bar Areas
- 17 Vehicle Crossing Guidelines and Policies.
- J Approved Materials
- K Application for Thames-Coromandel District Council Approved Contractor