

Construction Management Plan Requirements (CMP)

Delmore

Site Address: 55 Russell Road, Orewa

Date: 26 March 2025

Status: Draft – Subject to Contractor Construction Methodology

This document provides a preliminary outline of the content expected within CMPs required as pre-construction conditions for each season of earthworks or stage of subdivision works for the Delmore Development.

After each contract is awarded for the various stages of earthworks and subdivision construction works, the awarded contractor shall prepare a site-specific CMP.

These CMPs shall include, but not be limited to, the following information:

1. Project Description

Details of the Project Description are to be provided for each earthworks construction season and each sub-stage of civil construction. The Project Description will be contract and stage-specific and include:

- - a) Site location
- - b) General scope of works
- - c) Specific construction elements (e.g. earthworks, drainage works, retaining, landscaping)
- - d) Project deliverables (e.g. completed subdivision, Stage number)
- - e) Timeframes for key stages of works

2. Project Management

Details of project management personnel to be provided for each earthworks season and sub-stage. The CMP shall include:

- - a) Site Supervisor – name and contact
- - b) Project Engineer – name and contact
- - c) Project Manager – name and contact
- - d) Project Director – name and contact

3. Health and Safety Plan

Each contractor shall prepare a detailed Health and Safety Plan specific to each construction stage. The HSP shall include:

- - a) Site-specific H&S personnel, roles and contacts
- - b) Site-specific H&S risks
- - c) Hazard and risk identification
- - d) Risk assessment and controls
- - e) Procedures for high-risk activities
- - f) H&S layout on site
- - g) Visitor sign-in and induction
- - h) Emergency response plan
- - i) Health and wellbeing management
- - j) Incident reporting and investigation
- - k) Required PPE
- - l) Monitoring and review protocols

4. Working Hours

Construction hours must align with Resource Consent conditions:

- - Monday to Saturday: 7:00am – 7:00pm
- - No works on Sundays or public holidays
- - Heavy plant not to operate within 130m of occupied buildings before 7:30am

5. Site Access

Site access details to be included for each stage, including:

- - a) Plan with stage and street/road names
- - b) Site ingress/egress locations
- - c) Compound and office locations
- - d) Signage and hazard boards
- - e) Security fencing extent
- - f) Washdown facilities
- - g) First aid and H&S equipment locations

6. Construction Traffic Management Plan (CTMP)

CTMPs must outline vehicle, pedestrian, and cyclist safety around the site, and include:

- - a) Parking management
- - b) Oversize vehicle protocols
- - c) On-site loading and working areas
- - d) Cleaning facilities for vehicle exits
- - e) NZTA COPTTM-compliant TMPs
- - f) Signposted access points
- - g) Safe pedestrian paths
- - h) Property access during works

- - i) Heavy vehicle movements (number, timing)
- - j) Access points for machinery
- - k) Storage/loading zones
- - l) Road/lane closure plans and detours
- - m) Communications for detours
- - n) Required Auckland Transport approvals

Note: The contractor is responsible for applying for Traffic Management Plan approval from Auckland Transport.

7. Site Notice Board

Install large, visible notice boards at all site entrances displaying:

- - Site hazards
- - Site Manager contact
- - Emergency details

8. Environmental Management

Environmental Management Plans (EMPs) are required for each stage, compliant with resource consent conditions.

9. Sediment and Erosion Control Plan (ESCP)

ESCPs must follow Auckland Council GD05 and include:

- - a) Control measures: ponds, bunds, silt fences, diversion bunds, stabilised entrances
- - b) Supporting calculations and drawings
- - c) Construction methods
- - d) Monitoring and maintenance
- - e) Catchment boundaries and contours
- - f) Measures for pedestrian bridges and culverts
- - g) Management of exposed areas
- - h) AMP compliance (if required)
- - i) Inspection procedures and rainfall trigger events
- - j) Streamworks management methodology for culverts

10. Chemical Treatment Management Plan (ChTMP)

Required before works commence, compliant with GD05:

- - a) Rainfall-activated chemical treatment design
- - b) Monitoring and contingency protocols
- - c) Dosage assumptions and testing
- - d) Initial trial results
- - e) Spill contingency plan

- - f) Responsible parties for operation and structure

11. Dust Management Plan (DMP)

A DMP must be prepared for each season including:

- - Daily dust monitoring
- - Use of water carts, sprinklers, and dust fences
- - Stabilisation of stockpiles
- - Low-height loading/unloading
- - End-of-day watering
- - Forecast-based dust suppression
- - Neighbour notification and 24/7 complaints contact
- - Complaint response and recording
- - Progressive stabilisation and pasture establishment
- - Installation of 3m dust fences if required
- - Wheel wash and road sweeping
- - Monitoring and response per DMP

12. Construction Staging Methodology

CMPs must detail stage-by-stage methodology including:

- - Site establishment
- - Erosion and sediment control installation
- - Spatial staging of works
- - Task-specific sequencing:
- - Earthworks
- - Geotechnical works
- - Streamworks
- - Retaining and drainage
- - Roding and services
- - Landscaping
- - Stabilisation, demobilisation and final site certification

12. Construction Noise and Vibration (CNVMP)

The CNVMP must be prepared with reference to Annex E of NZS 6803:1999 Acoustics – Construction Noise and must address the following matters as a minimum:

- (a) Applicable site noise and vibration criteria, including the criteria in Condition **Error! Reference source not found.;**
- (b) Programme of works and hours of operation;
- (c) Identification of surrounding noise and/or vibration sensitive receivers;

(d) Details of the specific management and mitigation measures required to comply with the relevant noise and vibration criteria;

(e) The requirement to provide written communication to occupants of:

- 19A Kowhai Road and 59 Russell Road prior to commencement of earthworks within Stage 1-A4.
- 35 Russell Road prior to commencement of earthworks with Stage 1A-2, Stage 1A-4 and Stage 1B-2.
- 90 Upper Ōrewa Road prior to commencement of earthworks within Stage 2A-1, Stage 2C and Stage 2D.
- 118 Upper Ōrewa Road prior to commencement of earthworks with Stage 2C.

The written communication should set out:

- (i) A brief overview of the construction works;
- (ii) The working hours and expected duration;
- (iii) All mitigation measures to be implemented;
- (iv) The procedure for recording concerns/complaints regarding noise and vibration;
- (v) The procedure for noise and vibration monitoring where concerns are raised by receivers; and
- (vi) Contact details for site personnel for any concerns regarding noise and vibration.