

Memo

Date 21/04/2022

To: Warren Maclennan, Manager, Plans and Places, Regional, North, West & Islands

From: Alison Pye – Senior Policy Planner, Plans and Places, Regional, North, West & Islands

Subject: **Plan Modification: Clause 20A modification to Auckland Unitary Plan**


Corrections are required to the Auckland Unitary Plan (Operative in Part) 2016 (the AUP).

I seek your approval of this plan modification pursuant to clause 20A, first schedule, Resource Management Act 1991.

You have delegated authority, as a tier four manager, to make a decision to correct an error to an operative plan under clause 20A. Schedule 2A of the Auckland Council Combined Chief Executives Delegation Register¹ authorises all powers, functions, and duties under RMA's first schedule (except clause 17 which cannot be delegated) to tier four positions.

Rule or Section of Unitary Plan	Chapter K – Designations – Auckland Transport – D.1479 Pine Valley Road North Alignment D.1480 Pine Valley Road South and Dairy Flat Highway
Subject Site (if applicable)	For D.1479 Pine Valley Road North Alignment Refer attachment B For D.1480 Pine Valley Road South and Dairy Flat Highway Refer Attachment A
Legal Description (if applicable)	As above.
Nature of change	<p>Background: Auckland Transport applications for “Argent Lane Extension” involved combined processing of two notices of requirement and resource consents:</p> <ul style="list-style-type: none">- NoR1 Pine Valley Road North and- NoR2 Pine Valley Road South and Dairy Flat Highway),- and associated resource consents for NoR1 and NoR2. <p>The decision from Auckland Transport retained a combined format for the designation conditions (also still identified as “NoR1” and “NoR2”). Legally, the decisions on designations by a Requiring Authority must be reproduced in the District Plan unaltered. Accordingly the designations were reproduced in the AUP showing the full set of conditions for both designations.</p> <p>Auckland Transport has now requested amendment of the conditions for each designation to remove non-applicable content.</p> <p>For D.1479 Pine Valley Road North Alignment this involves removing conditions for NOR2</p> <p>For D.1480 Pine Valley Road South and Dairy Flat Highway, this involves removing conditions for NOR1, and site locations relevant to NOR1 and consents: being :</p> <ul style="list-style-type: none">• Sec 6 SO 308591, Dairy Flat Highway and• 36 Old Pine Valley Road (Lot 6 DP 136559) <p>An additional amendment is to identify road reserve in the list of site locations as follows:</p> <ul style="list-style-type: none">• Public road reserve on Pine Valley Road and Dairy Flat Highway. <p>The site is identified in Form 18 within the boundary of the designation but erroneously not identified site location listing.</p>

	<p>For Designation 1480 an amendment is sought to the designation purpose statement as follows: Construction, operation and maintenance of a <u>road, cycleways, pedestrian paths and associated infrastructure</u>, partially realigned and upgraded arterial road between Old Pine Valley Road and the Silverdale Motorway interchange.</p>
Effect of change	<p>The effect of the change</p> <ul style="list-style-type: none"> • is to correct a minor error • is neutral (it would not affect the rights of some members of the public) <p>No material change is made to content or conditions of designation D1479 or D1480.</p>
Changes required to be made (text/in-text diagrams)	<p>For D.1479 Pine Valley Road North Alignment - Refer attachment B For D.1480 Pine Valley Road South and Dairy Flat Highway - Refer Attachment A</p>
Attachments	<p>Attachment A: Amendments to designation 1480 (words deleted are struckthrough, words added are underlined).</p> <p>Attachment B: Amendments to designation 1479 (words deleted are struckthrough, words added are underlined).</p> <p>Attachment C: Amended text (clean)</p>

<p>Prepared by: Alison Pye Senior Policy Planner, Regional, North, West and Islands</p>	<p>Text Entered by: Harry Barnes Planning Technician</p>
<p>Signature: </p>	<p>Signature: </p>
<p>Maps prepared by: N/A Geospatial Analyst</p>	<p>Reviewed by: Peter Vari Team Leader, Regional, North, West and Islands</p>
<p>Signature: N/A</p>	<p>Signature: </p>

Decision:

I agree/disagree to authorise the Clause 20A modification using my delegated authority

Warren MacLennan
Manager Planning - Regional, North, West and Islands
Date:

Signature:



Attachment A: Amendments to designation
1480 (words deleted are struckthrough,
words added are underlined).

Track changes - Clause 20A amendment:
Designation 1480 Pine Valley Road South and Dairy Flat Highway

Designation Schedule - Auckland Transport (1/3) North and West

1480	Construction, operation and maintenance of a road, cycleways, pedestrian paths and associated infrastructure , partially realigned and upgraded arterial road between Old Pine Valley Road and the Silverdale Motorway interchange.	Dairy Flat Highway from the edge of the Northern Motorway northbound Silverdale off-ramp to the intersection of Dairy Flat Highway and Pine Valley Road, continuing up Pine Valley Road to the northern property boundary of 1731 Dairy Flat Highway: <ul style="list-style-type: none"> • 1687 Dairy Flat Highway (Lot 1 DP 131154) • 1700 Dairy Flat Highway (Pt Lot 1 DP 68886) • 1731 Dairy Flat Highway (Sec 5 SO 315843, Sec 6 SO 315843, Pt Lot 1 DP 101886) • 1732 Dairy Flat Highway (Pt Lot 2 DP 68886) • Sec 6 SO 308591, Dairy Flat Highway • 36 Old Pine Valley Road (Lot 6 DP 136559) • The public road reserve on Pine Valley Road and Dairy Flat Highway
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1480 Pine Valley Road South and Dairy Flat Highway

Designation Number	1480
Requiring Authority	Auckland Transport
Location	Dairy Flat Highway from the edge of the Northern Motorway northbound Silverdale off-ramp to the intersection of Dairy Flat Highway and Pine Valley Road, continuing up Pine Valley Road to the northern property boundary of 1731 Dairy Flat Highway: <ul style="list-style-type: none"> • 1687 Dairy Flat Highway (Lot 1 DP 131154) • 1700 Dairy Flat Highway (Pt Lot 1 DP 68886) • 1731 Dairy Flat Highway (Sec 5 SO 315843, Sec 6 SO 315843, Pt Lot 1 DP 101886) • 1732 Dairy Flat Highway (Pt Lot 2 DP 68886) • Sec 6 SO 308591, Dairy Flat Highway • 36 Old Pine Valley Road (Lot 6 DP 136559) • The public road reserve on Pine Valley Road and Dairy Flat Highway
Lapse Date	12/11/2036

Purpose

Construction, operation and maintenance of **road, cycleways, pedestrian paths and associated infrastructure**, ~~a partially realigned and upgraded arterial road between Old Pine Valley Road and the Silverdale Motorway Interchange.~~

Conditions

~~A. Conditions applying to all Designations~~

A. Definition of Terms

- A1. In these conditions:
- a) "adjacent properties" means the properties at:
 - (i) 10 Old Pine Valley Road;
 - (ii) 36 Old Pine Valley Road;
 - (iii) 1687 Dairy Flat Highway,
 - (iv) 1700 Dairy Flat Highway;
 - (v) 1731 Dairy Flat Highway;
 - (vi) 1732 Dairy Flat Highway;
 - (vii) 1738 Dairy Flat Highway;
 - (viii) Pt Allot 16 SO 18072 Old Pine Valley Road;
 - (ix) Lot 2 480626, Dairy Flat Highway; and
 - (x) Sec 6 SO 308591, Dairy Flat Highway.
 - b) "affected parties" means the owners and occupiers of the properties at:
 - (i) 10 Old Pine Valley Road;
 - (ii) 36 Old Pine Valley Road;
 - (iii) 1687 Dairy Flat Highway,
 - (iv) 1700 Dairy Flat Highway;
 - (v) 1731 Dairy Flat Highway; and
 - (vi) 1732 Dairy Flat Highway.
 - c) "Auckland Transport roadside bioretention planting guide" means the latest Auckland Transport roadside bioretention planting guideline or other endorsed Auckland Council bioretention planting guide;
 - d) "certify", "certification" and "certified" in relation to plans or management plans means assessed by Council staff acting in a technical certification capacity, and in particular as to whether the document or matter is consistent with, or sufficient to meet, the conditions of this designation in terms of the matters set out in the conditions;
 - e) "Commencement of Construction" means commencement of any construction works for the Project or (as the case requires) commencement of any construction works for a part or stage of the Project. For the avoidance of doubt, it excludes site investigations, fencing, and any activities that do not need resource consent/are permitted activities;

Track changes - Clause 20A amendment:
Designation 1480 Pine Valley Road South and Dairy Flat Highway

- f) "Requiring Authority" means Auckland Transport;
- g) "Council" means the Auckland Council;
- h) "Infrastructure" means the road, cycleway, footpath, bridge, stormwater management devices, underground services, stormwater outlets, culvert and related works to be constructed by Auckland Transport;
- i) "Mana Whenua" means the following identified mana whenua groups excluding those who don't wish to engage on any particular subject:
 - (i) Ngāi Tai ki Tāmaki - Ngāi Tai ki Tāmaki Tribal Trust
 - (ii) Ngāi Tai ki Tāmaki - Manuhiri Kaitiaki Charitable Trust
 - (iii) Ngāti Maru - Ngāti Maru Rūnanga Trust
 - (iv) Ngāti Pāoa - Ngāti Paoa Iwi Trust
 - (v) Ngāti Pāoa - Ngāti Paoa Trust Board
 - (vi) Ngāti Te Ata - Te Ara Rangatu o Te Iwi o Ngāti Te Ata Waiohua
 - (vii) Ngāti Wai - Ngāti Wai Trust Board
 - (viii) Ngāti Whanaunga - Ngāti Whanaunga Incorporated
 - (ix) Ngāti Whātua o Kaipara - Ngā Maunga Whakahii o Kaipara Development Trust
 - (x) Ngāti Whātua Ōrākei - Ngāti Whātua Ōrākei Trust
 - (xi) Te Ākitai Waiohua - Te Ākitai Waiohua Iwi Authority
 - (xii) Te Kawerau a Maki - Te Kawerau Iwi Settlement Trust
 - (xiii) Te Patukirikiri - Te Patukirikiri Iwi Incorporation
 - (xiv) Te Rūnanga o Ngāti Whātua - Te Rūnanga o Ngāti Whātua
- j) "Planting Season" means the period between May and September;
- k) "Project" means the construction, operation and management of the Infrastructure;
- l) "Team Leader North West Monitoring" means the Team Leader North West Monitoring for the time being of the Council's Licencing and Regulatory Compliance Department.

Management Plan Certification Process

- A2. Conditions A3 to A8 below shall apply to all Management Plans required by these conditions.
- A3. Management Plans shall be submitted to the Council (Team Leader North West Monitoring) for certification in writing. Management Plans shall be submitted at least twenty (20) working days prior to Commencement of Construction unless otherwise specified in the conditions. If the Council (Team Leader North West Monitoring) does not provide written certification or written notice of refusal to certify and recommended

Track changes - Clause 20A amendment:
Designation 1480 Pine Valley Road South and Dairy Flat Highway

changes within twenty (20) working days the Management Plan shall be deemed certified.

Advice Note: Any preliminary works that are permitted activities can be undertaken prior to any Management Plan(s) being certified.

- A4. Management Plans may be submitted in parts or in stages to address particular activities or to reflect a staged implementation of the Project, and when provided in part or for a stage shall be submitted at least twenty (20) working days prior to commencement of construction of that part of the stage unless otherwise specified in the conditions. Management Plans submitted shall clearly show the linkage with plans for adjacent stages and interrelated activities.
- A5. Should the Council (Team Leader North West Monitoring) refuse to certify a Management Plan, or a part or stage of a Management Plan, in accordance with Condition A4 above, the Requiring Authority shall submit a revised Management Plan for certification as soon as practicable. The certification process shall follow the same procedures as outlined in Condition A3 above.
- A6. Any certified/deemed certified Management Plan may be amended, if necessary, to reflect any minor changes in design, construction methods or management of effects. Any amendments are to be discussed with and submitted to the Council (Team Leader North West Monitoring) in writing prior to implementation of the change. Where the Team Leader North West Monitoring determines in his or her discretion that those amendments once implemented would result in a materially different outcome to that described in the original plan Condition A7 shall apply.
- A7. Any changes to a certified/deemed certified Management Plan involving a materially different outcome under Condition A6 shall be submitted to the Council (Team Leader North West Monitoring) to certify that they comply with the applicable requirements of these conditions. Any material change must be consistent with the objectives of the relevant Management Plan and the requirements of the relevant conditions of these designations. Where a Management Plan was prepared in consultation with affected parties, any material changes to that Plan shall be prepared in consultation with those same parties.
- A8. All works shall be carried out in general accordance with the certified/deemed certified Management Plans. No works shall commence until written certification of a Management Plan has been received or the Management Plan has been deemed certified, unless otherwise approved in writing by the Council (Team Leader North West Monitoring).

B. ~~Designation 1 Conditions (NoR1)~~

~~General conditions~~

- ~~B1. This designation will lapse 15 years from being operative in the Auckland Unitary Plan:
Operative in Part unless:~~
- ~~a) It is given effect to before the end of that period; or~~
 - ~~b) The territorial authority resolves that the requiring authority has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fixes a longer period to give effect to the designation.~~

Track changes - Clause 20A amendment:
Designation 1480 Pine Valley Road South and Dairy Flat Highway

~~B2. The scope and extent of the Stage 1 works (including the horizontal and vertical alignment of the carriageway) within the designation shall be generally in accordance with the updated Revision G set of plans contained in Appendix E of the Notice of Requirement dated 16/04/2021, unless an outline plan is submitted under section 176A(1) of the Resource Management Act 1991.~~

~~B3. Stage 2 works will require the submission of an outline plan under section 176A(1) of the Resource Management Act 1991 unless not required in accordance with section 176A(2)(a) or (c) of the Resource Management Act 1991.~~

Construction Environmental Management Plan

~~B4. The Requiring Authority shall prepare a Construction Environmental Management Plan (CEMP) for the works. The Requiring Authority shall submit the CEMP to the Council (Team Leader North West Monitoring) for certification that the CEMP gives effect to the objectives in Condition B5 and complies with the requirements in Conditions B6 to B8.~~

~~B5. The objectives of the CEMP are to:~~

~~a) Ensure that the construction works remain within the limits and standards approved under the designation, and identify construction methods to be undertaken in order to avoid, remedy or mitigate potential adverse effects arising from construction activities; and~~

~~b) Give effect to the objectives in the management plans listed in Condition B6.~~

~~B6. The CEMP shall incorporate or refer to the following management plans and documents:~~

~~a) Construction Noise and Vibration Management Plan (CNVMP);~~

~~b) Earthworks Management Plan;~~

~~c) Accidental Discovery Protocol; and~~

~~d) Construction Traffic Management Plan (CTMP).~~

~~B7. The CEMP shall provide details of the roles and responsibilities, reporting frameworks, coordination and management activities and actions required for effective site management. The CEMP shall provide information on the following matters:~~

~~a) Construction quality assurance;~~

~~b) Construction works programming including:~~

~~(i) An outline construction programme;~~

~~(ii) Confirmation of the proposed staging and sequence of construction;~~

~~c) Site management; and~~

~~d) Consultation and communications, including the methods for communicating and consulting with the adjacent or affected parties.~~

~~B8. All personnel working on the site shall be made aware of the requirements contained in the CEMP. A copy of the certified CEMP shall be held on the site at all times while~~

Track changes - Clause 20A amendment:
Designation 1480 Pine Valley Road South and Dairy Flat Highway

~~any activity associated with construction is occurring. The certified CEMP shall be implemented and maintained throughout the entire period of the works.~~

~~Construction Quality Assurance~~

~~B9. This part of the CEMP requires the establishment of management frameworks, systems and procedures to ensure quality management of all on-site construction activities and compliance with the conditions of this designation. This section shall provide details on the following:~~

- ~~a) Contact details of the contractor's site supervisor or project manager and the Requiring Authority's Project Liaison Person (phone, postal address, email address);~~
- ~~b) Confirmation of the construction methodology, including for permanent and temporary structures;~~
- ~~c) Methods and systems to inform and train all persons working on the site of potential environmental issues and how to avoid, remedy, or mitigate any potential adverse effects;~~
- ~~d) Procedures for ensuring that residents, businesses, network utility operators and road users in the immediate vicinity of construction areas are given prior notice of the Commencement of Construction and are informed about the expected duration and effects of the work;~~
- ~~e) Procedures for responding to, recording and reporting complaints about construction activities;~~
- ~~f) Means of providing for the health and safety of the general public;~~
- ~~g) Measures to be adopted to maintain the land affected by the works in a tidy condition in terms of disposal/storage of rubbish, storage and unloading of construction materials and similar construction activities;~~
- ~~h) Procedures for controlling sediment run-off, dust and the removal of soil, debris, demolition and construction materials (if any) from public roads or places adjacent to the work site/s;~~
- ~~i) Measures to manage the potential impacts of construction lighting on residents and on local fauna;~~
- ~~j) Procedures for the refuelling, cleaning, maintenance and storage of plant and equipment, and measures to avoid discharges of contaminants from these activities;~~
- ~~k) Measures to address the storage of fuels, lubricants, hazardous and/or dangerous materials, along with contingency procedures to address emergency spill response(s) and clean up;~~
- ~~l) Procedures for incident management, monitoring and reporting including review and corrective and preventative action;~~
- ~~m) Site clean-up following completion of works, including removal of construction materials, temporary structures;~~

Track changes - Clause 20A amendment:
Designation 1480 Pine Valley Road South and Dairy Flat Highway

- ~~n) Maintenance of plant in a good state of repair so as not to produce excessive fumes or leakage of contaminants when parked or in operation; and~~
- ~~e) Measures to monitor and minimise discharges of dust so that any offensive or objectionable effects are immediately identified and are mitigated.~~
- ~~p) Measures for arranging the washing of habitable buildings at the properties of 10 and 36 Old Pine Valley Road during Stage 1 works, subject to approval from landowners and occupiers, involving:
 - ~~(i) Monthly external washing of roof and gutter areas servicing potable water tanks during NoR1 Stage 1 construction work;~~
 - ~~(ii) Complete external house washing every 6 months during NoR1 Stage 1 construction works. The house washing shall include every habitable building as existing at 3 November 2020, commencing within 6 months of the start of NoR1 Stage 1 construction works and be undertaken at no less than 6 monthly intervals, with a final wash following the completion of the NoR1 Stage 1 construction works.~~~~

Construction Works Programme

~~B10. This part of the CEMP is to ensure that the requiring authority has prepared a Stage 1 programme of works that will enable the Infrastructure and all other associated land based works, to be constructed in a manner that is timely, adequately co-ordinated and minimises the adverse effects of construction. This section shall, among other matters, provide details of the Stage 1 programme for the construction works.~~

Construction Noise and Vibration Management Plan

~~B11. The requiring authority shall prepare a Construction Noise and Vibration Management Plan (CNVMP) for the proposed works. At least five (5) working days prior to Commencement of Construction, the Requiring Authority shall submit the CNVMP to the Council (Team Leader North West Monitoring) for certification that the CNVMP gives effect to the objectives in Condition B12 and complies with the requirements in Condition B13.~~

~~B12. The objectives of the CNVMP are to:~~

- ~~a) Identify and implement the Best Practicable Option (BPO) for the management of all construction noise and vibration effects;~~
- ~~b) Define the procedures to be followed where the noise and vibration standards (Conditions B14 & B15) are not met (following the implementation of the BPO);~~
- ~~c) Set out the methods for scheduling works to minimise disruption; and~~
- ~~d) Ensure engagement with affected receivers and timely management of complaints.~~

~~B13. The CNVMP shall include:~~

- ~~a) A description of the works;~~
- ~~b) Hours of operation, including a specific section on works at night (2230h – 0700h), incorporating clear definitions of the works undertaken at night (if any);~~

Track changes - Clause 20A amendment:
Designation 1480 Pine Valley Road South and Dairy Flat Highway

- ~~c) Contact details for staff responsible for implementation of the CNVMP;~~
- ~~d) The construction noise and vibration performance standards for the project;~~
- ~~e) General construction practices, management and mitigation;~~
- ~~f) Minimum separation distances from receivers for plant and machinery where compliance with the construction noise and vibration standards is achieved;~~
- ~~g) Identification of affected sensitive receivers where noise and vibration performance standards apply;~~
- ~~h) A specific section setting out the predicted noise and/or vibration levels, mitigation, monitoring and management measures (including communication with stakeholders and use of temporary noise barriers) that will be adopted for works which cannot comply with the project standards specified in Conditions B14 and B15; and~~
- ~~i) A communication, consultation and complaints response protocol including specific provisions for determining the times that receivers are sensitive to noise and vibration and the extent to which high noise and vibration works can be scheduled around those times where practicable (including residential activities).~~

~~B14. Construction noise shall be measured and assessed in accordance with the provisions of New Zealand Standard NZS 6803: 1999 "Acoustics – Construction Noise" and comply with the following Project Standards unless otherwise provided for in any CNVMP (refer Condition 13):~~

Time of Week	Time Period (hrs)	Noise Limits	
		dB LAeq	dB LAFmax
Building with activities sensitive to noise			
Weekdays	0630 – 0730	55	70
	0730 – 1800	70	85
	1800 – 2000	65	80
	2000 – 0630	40	70
Saturdays	0730 – 1800	70	85
	1800 – 0730	40	70
Sundays and public holidays	0730 – 1800	50	80
	1800 – 0730	40	70
Building with all other activities			
All days	0730 – 1800	70	-
	1800 – 0730	75	-

Advice Note

~~The CNVMP required by B11 authorises noise levels exceeding those set out in condition B14. The noise limits applying in condition B14 that apply between 1800 and~~

Track changes - Clause 20A amendment:
Designation 1480 Pine Valley Road South and Dairy Flat Highway

~~0730 on any day may only be exceeded by works that cannot be completed between 0730 and 1800 for practical reasons related to avoiding unreasonable traffic congestion during the day, or similar. These noise limits may not be exceeded for reasons related to shortening the construction timeframe or for making up lost time.~~

~~B15. Where practical, construction vibration must comply with the vibration limits set out in the following Table A.~~

~~Table A — Construction Vibration Standards — Amenity:~~

Receiver	Time	Peak Particle Velocity Limit millimetres/second
Occupied — activities sensitive to vibration*	2200h-0700h	0.3mm/s PPV
	0700h-2200h	2mm/s PPV
Other — occupied buildings	All times	2mm/s PPV

~~*Any dwelling, visitor accommodation, boarding house, marae, papakāinga, integrated residential development, retirement village, supported residential care, care centres, lecture theatres in tertiary education facilities, classrooms in education facilities and healthcare facilities with an overnight stay facility.~~

~~a) Where compliance is not achievable following the adoption of the Best Practicable Option, the process in B15 b) must be applied. Construction vibration shall be measured and assessed in accordance with DIN4150-3:1999.~~

~~b) If measured or predicted vibration from construction activities exceeds the limits of Table A, the Requiring Authority shall consult with the affected receivers to:~~

~~(i) Discuss the nature of the work and the anticipated days and hours when the exceedances are likely to occur; and~~

~~(ii) Determine whether the exceedances could be timed or managed to reduce the effects on the receiver.~~

~~The Requiring Authority shall maintain a record of these discussions and make them available to the Council on its request.~~

~~B16. Construction vibration must comply with the vibration limits set out in the following Table B at all buildings and at all times.~~

~~Table B — Construction Vibration Standards — Building Damage~~

Type of Structure	Short-term Vibration*			PPV at horizontal plane of highest floor at all frequencies	Long-term Vibration
	Peak particle velocity (PPV) on foundation, mm/s	1 Hz-10 Hz	10 Hz-50Hz		
					PPV at horizontal plane of highest floor

Track changes - Clause 20A amendment:
Designation 1480 Pine Valley Road South and Dairy Flat Highway

	at all frequencies				
Building used for commercial purposes, industrial buildings	20 mm/s	20-40 mm/s	40-50 mm/s	40 mm/s	10 mm/s
Dwellings and buildings of similar design and/or occupancy	5 mm/s	5-15 mm/s	15-20 mm/s	15 mm/s	5 mm/s
Structures that, because of their particular sensitivity to vibration, cannot be classified under the above two rows and are of great intrinsic value	3 mm/s	3-8 mm/s	8-10 mm/s	8 mm/s	2.5 mm/s

*Vibration that does not occur often enough to cause material fatigue and whose development over time and duration is not suitable for producing a significant increase in vibration due to resonance in the particular structure.

Accidental Discovery Condition

B17. The accidental discovery rules in the Auckland Unitary Plan: Operative in Part apply for the discovery of sensitive material, including human remains and kōiwi, archaeological sites, Maori cultural artefacts/taonga tūturu and lava caves greater than 1 m in diameter.

Traffic Management Plan

B18. The requiring authority shall prepare a Construction Traffic Management Plan (CTMP). At least twenty (20) working days prior to commencement of construction, the Requiring Authority shall submit the CTMP to the Team Leader North West Monitoring for certification that the CTMP gives effect to the objectives in Condition B19 and complies with the requirements in Condition B20.

B19. The objectives of the CTMP are to:

- a) Provide for the safety of everyone at all times;
- b) Ensure best practicable measures are undertaken to maintain access at all times to/from adjacent properties;
- c) Minimise disruption from construction traffic on occupants of adjacent properties;
- d) Provide for prior engagement with stakeholders when access to properties will be affected by construction traffic; and
- e) Provide a mechanism for addressing queries and responding to complaints.

B20. The CTMP shall include:

Track changes - Clause 20A amendment:
Designation 1480 Pine Valley Road South and Dairy Flat Highway

- a) For each Project stage and/or construction area, the traffic management measures that will be required to be implemented;
- b) A mechanism and nominated stakeholder manager who is responsible for receiving, addressing and monitoring queries and responding to complaints in relation to the construction works;
- e) Provision of appropriate ingress and egress routes to/from the site for the construction vehicles, including confirmation of appropriate heavy vehicles layover areas and over dimensional vehicle routes. The operation of the heavy vehicles layover area shall not impede the travel of passing vehicles and cyclists;
- d) Confirmation of typical numbers of heavy vehicle movements throughout the day;
- e) Restriction on parking for workers on construction sites, with parking prioritised for minor trades (i.e. those needing to bring tools for specialist activities), car/van pooling, staff working outside standard hours and mobility impaired staff/visitors;
- f) Restriction on heavy vehicle movements/deliveries to and from the construction sites on weekdays (excluding public holidays) between 7am and 9am and between 4pm and 6pm unless included as part of a CTMP; and
- g) Processes for monitoring, and to enable review and amendment to the CTMP.

10 Old Pine Valley Road – Landscaping and Management Plan

B21. The Requiring Authority shall prepare a Landscaping and Management Plan (LMP) for replacement planting of the Temporary Occupation areas within the land identified as Pt Lot 5 DP 136559 and Sec 8 SO 315843 at 10 Old Pine Valley Road unless an alternative solution is otherwise agreed between the Requiring Authority and the landowner of 10 Old Pine Valley Road. The Requiring Authority shall submit the LMP to the Team Leader North West Monitoring for certification that the LMP gives effect to the objectives in Condition B22 and complies with the requirements in Condition B23.

B22. The objectives of the LMP are to:

- a) Provide replacement planting to mitigate the adverse effects on the visual amenity of the road from occupants of the land at 10 Old Pine Valley Road (Pt Lot 5 DP 136559, Sec 7 SO 315843 and Sec 8 SO 315843.);
- b) Ensure that batter slopes within the land identified as Pt Lot 5 DP 136559 and Sec 8 SO 315843 at 10 Old Pine Valley Road are planted with low maintenance planting to avoid the need for mowing of grass on batter slopes greater than 1:4;
- c) Ensure appropriate finishing to a minimum of a grassed surface to all other Temporary Occupation areas within the land identified as Pt Lot 5 DP 136559, Sec 7 SO 315843 and Sec 8 SO 315843 at 10 Old Pine Valley Road; and
- d) Ensure “like for like” replacement fencing is provided

B23. The LMP shall include:

- a) A plan of the planted area detailing the proposed plant species, plant sourcing, plant sizes at time of planting, plant locations, density of planting, and timing of planting;

Track changes - Clause 20A amendment:
Designation 1480 Pine Valley Road South and Dairy Flat Highway

- ~~b) The provision of replacement planting for all trees removed from the Temporary Land Occupation areas within the property at a number no less than three (3) PB40 size or greater plants for every plant greater than 1m in height;~~
- ~~c) A programme of establishment and post establishment protection and maintenance (fertilising, weed removal/spraying, replacement of dead/poorly performing plants, watering to maintain soil moisture), incorporating a post planting maintenance programme of no less than two (2) years; and~~
- ~~d) The provision of replacement fencing where removed as a result of the project along newly formed boundaries to a standard of a seven (7) wire post and batten fence.~~

~~B24. Subject to approval from the landowner the planting must be:~~

- ~~a) undertaken within the first planting season (May to September) following the completion of the occupation period~~
- ~~b) fully implemented in accordance with the certified LMP; and~~
- ~~c) maintained for the duration of two years in accordance with the provisions of the certified LMP.~~

~~In the event that the landowner declines a reasonable request for access to implement the certified LMP, the requirement for the Requiring Authority to undertake the works in accordance with the certified LMP does not apply.~~

~~**36 Old Pine Valley Road – Stock Yards, Stock Loading Ramp and Stock Truck Access**~~

~~B25. The Requiring Authority shall prepare a Stock Yard and Access Plan (SYAP) for the land at 36 Old Pine Valley Road unless an alternative solution is otherwise agreed between the Requiring Authority and the landowner of 36 Old Pine Valley Road. The Requiring Authority shall submit the SYAP to the Council (Team Leader North West Monitoring) for certification that the SYAP gives effect to the objectives in Condition B26 and complies with the requirements in Conditions B27.~~

~~B26. The objectives of the SYAP are to:~~

- ~~a) Ensure provisions for stock loading and unloading are available for the continued operation of the land for livestock farming use;~~
- ~~b) Ensure that provisions for stock loading and unloading, including vehicle access crossing and gate are safe~~

~~B27. The SYAP shall include:~~

- ~~a) Details of how a new stock yard, stock ramp and associated stock truck access will be provided to the “main parcel” of land at 36 Old Pine Valley Road.~~
- ~~b) Details of the changes proposed to reposition the existing stock yard and stock ramp on the “severance parcel” of the land at 36 Old Pine Valley Road.~~

~~B28. Subject to agreement from the landowner to undertake the works, the certified SYAP must be fully implemented prior to the commencement of construction.~~

Track changes - Clause 20A amendment:
Designation 1480 Pine Valley Road South and Dairy Flat Highway

~~In the event that the landowner declines a reasonable request for access to implement the certified SYAP, the requirement for the Requiring Authority to undertake the works in accordance with the certified SYAP does not apply.~~

C. Designation 2 Conditions (NoR2) General Conditions

General conditions

- C1. This designation will lapse 15 years from being operative in the Auckland Unitary Plan: Operative in Part unless:
- a) It is given effect to before the end of that period; or
 - b) The territorial authority resolves that the Requiring Authority has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fixes a longer period to give effect to the designation.
- C2. The scope and extent of the Stage 1 works (including the horizontal and vertical alignment of the carriageway) within the designation shall be generally in accordance with the updated Revision G set of plans contained in Appendix E of the Notice of Requirement dated 16/04/2021, unless an outline plan is submitted under section 176A(1) of the Resource Management Act 1991.
- C3. Stage 2 works will require the submission of an Outline Plan under section 176A(1) of the Resource Management Act 1991 unless not required in accordance with section 176A(2)(a) or (c) of the Resource Management Act 1991.

Construction Environmental Management Plan

- C4. The Requiring Authority shall prepare a Construction Environmental Management Plan (CEMP) for the works. The Requiring Authority shall submit the CEMP to the Council (Team Leader North West Monitoring) for certification that the CEMP gives effect to the objectives in Condition C5 and complies with the requirements in Conditions C6 to C8.
- C5. The objectives of the CEMP are to:
- a) Ensure that the construction works remain within the limits and standards approved under the designation and identify construction methods to be undertaken in order to avoid, remedy or mitigate potential adverse effects arising from construction activities; and
 - b) Give effect to the objectives in the management plans listed in Condition C6.
- C6. The CEMP shall incorporate or refer to the following management plans and documents:
- a) Construction Noise and Vibration Management Plan (CNVMP);
 - b) Earthworks Management Plan;
 - c) Accidental Discovery Protocol; and
 - d) Construction Traffic Management Plan (CTMP).

Track changes - Clause 20A amendment:
Designation 1480 Pine Valley Road South and Dairy Flat Highway

- C7. The CEMP shall provide details of the responsibilities, reporting frameworks, coordination and management required for effective site management. The CEMP shall provide information on the following matters:
- a) Construction quality assurance;
 - b) Construction works programming including:
 - (i) An outline construction programme; and
 - (ii) Confirmation of the proposed staging and sequence of construction;
 - c) Site management; and
 - d) Consultation and communications, including the methods for communicating and consulting with the adjacent or affected parties.
- C8. All personnel working on the site shall be made aware of the requirements contained in the CEMP. A copy of the certified CEMP shall be held on the site at all times while any activity associated with construction is occurring. The certified CEMP shall be implemented and maintained throughout the entire period of the works.

Construction Quality Assurance

- C9. This part of the CEMP requires the establishment of management frameworks, systems and procedures to ensure quality management of all on-site construction activities and compliance with the conditions of this designation. This section shall provide details on the following:
- a) Contact details of the contractor's site supervisor or project manager and the Requiring Authority's Project Liaison Person (phone, postal address, email address);
 - b) Confirmation of the construction methodology, including for permanent and temporary structures;
 - c) Methods and systems to inform and train all persons working on the site of potential environmental issues and how to avoid, remedy, or mitigate any potential adverse effects;
 - d) Procedures for ensuring that residents, businesses, network utility operators and road users in the immediate vicinity of construction areas are given prior notice of the Commencement of Construction and are informed about the expected duration and effects of the work;
 - e) Procedures for responding to, recording and reporting complaints about construction activities;
 - f) Means of providing for the health and safety of the general public;
 - g) Measures to be adopted to maintain the land affected by the works in a tidy condition in terms of disposal/storage of rubbish, storage and unloading of construction materials and similar construction activities;
 - h) Procedures for controlling sediment run-off, dust and the removal of soil, debris, demolition and construction materials (if any) from public roads or places adjacent to the work site/s;

Track changes - Clause 20A amendment:
Designation 1480 Pine Valley Road South and Dairy Flat Highway

- i) Measures to manage the potential impacts of construction lighting on residents and on local fauna;
- j) Procedures for the refuelling, cleaning, maintenance and storage of plant and equipment, and measures to avoid discharges of contaminants from these activities;
- k) Measures to address the storage of fuels, lubricants, hazardous and/or dangerous materials, along with contingency procedures to address emergency spill response(s) and clean up;
- l) Procedures for incident management, monitoring and reporting including review and corrective and preventative action;
- m) Site clean-up following completion of works, including removal of construction materials, temporary structures;
- n) Maintenance of plant in a good state of repair so as not to produce excessive fumes or leakage of contaminants when parked or in operation; and
- o) Measures to monitor and minimise discharges of dust so that any offensive or objectionable effects are immediately identified and are mitigated.

Construction Works Programme

C10. This part of the CEMP is to ensure that the requiring authority has prepared a Stage 1 programme of works that will enable the Infrastructure and all other associated land based works, to be constructed in a manner that is timely, adequately co-ordinated and minimises the adverse effects of construction. This section shall, among other matters, provide details of the Stage 1 programme for the construction works.

Construction Noise and Vibration Management Plan

C11. The requiring authority shall prepare a Construction Noise and Vibration Management Plan (CNVMP) for the proposed works. At least five (5) working days prior to Commencement of Construction, the Requiring Authority shall submit the CNVMP to the Council (Team Leader North West Monitoring) for certification that the CNVMP gives effect to the objectives in Condition C12 and complies with the requirements in Condition C13.

C12. The objectives of the CNVMP are to:

- a) Identify and implement the Best Practicable Option (BPO) for the management of all construction noise and vibration effects;
- b) Define the procedures to be followed where the noise and vibration standards (Conditions C14 & C15) are not met (following the implementation of the BPO);
- c) Set out the methods for scheduling works to minimise disruption; and
- d) Ensure engagement with affected receivers and timely management of complaints.

C13. The CNVMP shall include:

- a) A description of the works;

Track changes - Clause 20A amendment:
Designation 1480 Pine Valley Road South and Dairy Flat Highway

- b) Hours of operation, including a specific section on works at night (2230h - 0700h), incorporating clear definitions of the works undertaken at night (if any);
- c) Contact details for staff responsible for implementation of the CNVMP;
- d) The construction noise and vibration performance standards for the project;
- e) General construction practices, management and mitigation;
- f) Minimum separation distances from receivers for plant and machinery where compliance with the construction noise and vibration standards is achieved;
- g) Identification of affected sensitive receivers where noise and vibration performance standards apply;
- h) A specific section setting out the predicted noise and/or vibration levels, mitigation, monitoring and management measures (including communication with stakeholders and use of temporary noise barriers) that will be adopted for works which cannot comply with the project standards specified in Conditions C14 and C15; and
- i) A communication, consultation and complaints response protocol including specific provisions for determining the times that receivers are sensitive to noise and vibration and the extent to which high noise and vibration works can be scheduled around those times where practicable (including residential activities).

C14. Construction noise shall be measured and assessed in accordance with the provisions of New Zealand Standard NZS 6803: 1999 "Acoustics - Construction Noise" and comply with the following Project Standards unless otherwise provided for in any CNVMP (refer Condition 14):

Time of Week	Time Period (hrs)	Noise Limits	
		dB LAeq	dB LAFmax
Building with activities sensitive to noise			
Weekdays	0630 – 0730	55	70
	0730 – 1800	70	85
	1800 – 2000	65	80
	2000 – 0630	40	70
Saturdays	0730 – 1800	70	85
	1800 – 0730	40	70
Sundays and public holidays	0730 – 1800	50	80
	1800 – 0730	40	70
Building with all other activities			
All days	0730 – 1800	70	-
	1800 – 0730	75	-

Advice Note

Track changes - Clause 20A amendment:
Designation 1480 Pine Valley Road South and Dairy Flat Highway

The CNVMP required by C11 authorises noise levels exceeding those set out in condition C14. The noise limits applying in condition C14 that apply between 1800 and 0730 on any day may only be exceeded by works that cannot be completed between 0730 and 1800 for practical reasons related to avoiding unreasonable traffic congestion during the day, or similar. These noise limits may not be exceeded for reasons related to shortening the construction timeframe or for making up lost time.

- C15. Where practical, construction vibration must comply with the vibration limits set out in the following Table A.

Table A – Construction Vibration Standards – Amenity:

Receiver	Time	Peak Particle Velocity Limit millimetres/second
Occupied activities sensitive to noise*	2200h-0700h	0.3mm/s PPV
	0700h-2200h	2mm/s PPV
Other occupied buildings	All times	2mm/s PPV

*Any dwelling, visitor accommodation, boarding house, marae, papakāinga, integrated residential development, retirement village, supported residential care, care centres, lecture theatres in tertiary education facilities, classrooms in education facilities and healthcare facilities with an overnight stay facility.

- a) Where compliance is not achievable following the adoption of the Best Practicable Option, the process in C15 b) must be applied. Construction vibration shall be measured and assessed in accordance with DIN4150-3:1999.
- b) If measured or predicted vibration from construction activities exceeds the limits of Table A, the Requiring Authority shall consult with the affected receivers to:
 - (i) Discuss the nature of the work and the anticipated days and hours when the exceedances are likely to occur; and
 - (ii) Determine whether the exceedances could be timed or managed to reduce the effects on the receiver.

The Requiring Authority shall maintain a record of these discussions and make them available to the Council on its request.

- C16. Construction vibration must comply with the vibration limits set out in the following Table B at all buildings and at all times.

Table B – Construction Vibration Standards – Building Damage

Type of Structure	Short-term Vibration*			Long-term Vibration
	Peak particle velocity (PPV) on foundation, mm/s	on	PPV at horizontal	PPV at horizontal

Track changes - Clause 20A amendment:
Designation 1480 Pine Valley Road South and Dairy Flat Highway

	1 Hz-10 Hz	10 HZ-50Hz	50Hz-100 Hz	plane of highest floor at all frequencies	plane of highest floor at all frequencies
Building used for commercial purposes, industrial buildings	20 mm/s	20-40 mm/s	40-50 mm/s	40 mm/s	10 mm/s
Dwellings and buildings of similar design and/or occupancy	5 mm/s	5-15 mm/s	15-20 mm/s	15 mm/s	5 mm/s
Structures that, because of their particular sensitivity to vibration, cannot be classified under the above two rows and are of great intrinsic value	3 mm/s	3-8 mm/s	8-10 mm/s	8 mm/s	2.5 mm/s

*Vibration that does not occur often enough to cause material fatigue and whose development over time and duration is not suitable for producing a significant increase in vibration due to resonance in the particular structure.

Accidental Discovery Condition

C17. The accidental discovery rules in the Auckland Unitary Plan: Operative in Part apply for the discovery of sensitive material, including human remains and kōiwi, archaeological sites, Maori cultural artefacts/taonga tūturu and lava caves greater than 1 m in diameter.

Traffic Management Plan

C18. The requiring authority shall prepare a Construction Traffic Management Plan (CTMP). At least twenty (20) working days prior to commencement of construction, the Requiring Authority shall submit the CTMP to the Council (Team Leader North West Monitoring) for certification that the CTMP gives effect to the objectives in Condition C19 and complies with the requirements in Condition C20.

C19. The objectives of the CTMP are to:

- a) Provide for the safety of everyone at all times;
- b) Ensure best practicable measures are undertaken to maintain access at all times to/from adjacent properties;
- c) Minimise disruption from construction traffic on occupants of adjacent properties;
- d) Provide for prior engagement with stakeholders when access to properties will be affected by construction traffic; and
- e) Provide a mechanism for addressing queries and responding to complaints.

Track changes - Clause 20A amendment:
Designation 1480 Pine Valley Road South and Dairy Flat Highway

C20. The CTMP shall include:

- a) For each Project stage and/or construction area, the traffic management measures that will be required to be implemented;
- b) A mechanism and nominated stakeholder manager who is responsible for receiving, addressing and monitoring queries and responding to complaints in relation to the construction works;
- c) Provision of appropriate ingress and egress routes to/from the site for the construction vehicles, including confirmation of appropriate heavy vehicles layover areas and over-dimensional vehicle routes. The operation of the heavy vehicles layover area shall not impede the travel of passing vehicles and cyclists;
- d) Confirmation of typical numbers of heavy vehicle movements throughout the day;
- e) Restrictions on parking for workers on construction sites, with parking prioritised for minor trades (i.e. those needing to bring tools for specialist activities), car/van pooling, staff working outside standard hours and mobility impaired staff/visitors;
- f) Restrictions on heavy vehicle movements/ deliveries to and from the construction sites on weekdays (excluding public holidays) between 7am and 9am and between 4pm and 6pm unless included as part of a CTMP; and
- g) Processes for monitoring, and to enable review and amendment to the CTMP.

Attachments

No attachments.

Attachment B: Amendments to
designation 1479 (words deleted are
struckthrough,
words added are underlined).

1479 Pine Valley Road North Alignment

Designation Number	1479
Requiring Authority	Auckland Transport
Location	Land from Argent Lane roundabout at the intersection with Old Pine Valley Road south through the properties of 10 and 36 Old Pine Valley Road, tying into the existing Pine Valley Road to the north of the property boundary with 1731 Dairy Flat Highway: <ul style="list-style-type: none">• 10 Old Pine Valley Road (Sec 7 SO 315843, Sec 8 SO 315843, Pt Lot 5 DP 136559)• 36 Old Pine Valley Road (Lot 6 DP 136559)• The public road reserve between the parcels of land that form 10 Old Pine Valley Road.
Lapse Date	12/11/2036

Purpose

Construction, operation and maintenance of a road, cycleways, pedestrian paths and associated infrastructure.

Conditions

A. ~~Conditions applying to all Designations~~ **Definition of Terms**

Definition of Terms

A1. In these conditions:

- a) “adjacent properties” means the properties at:
 - (i) 10 Old Pine Valley Road;
 - (ii) 36 Old Pine Valley Road;
 - (iii) 1687 Dairy Flat Highway,
 - (iv) 1700 Dairy Flat Highway;
 - (v) 1731 Dairy Flat Highway;
 - (vi) 1732 Dairy Flat Highway;
 - (vii) 1738 Dairy Flat Highway;
 - (viii) Pt Allot 16 SO 18072 Old Pine Valley Road;
 - (ix) Lot 2 480626, Dairy Flat Highway; and
 - (x) Sec 6 SO 308591, Dairy Flat Highway.
- b) “affected parties” means the owners and occupiers of the properties at:
 - (i) 10 Old Pine Valley Road;

- (ii) 36 Old Pine Valley Road;
 - (iii) 1687 Dairy Flat Highway,
 - (iv) 1700 Dairy Flat Highway;
 - (v) 1731 Dairy Flat Highway; and
 - (vi) 1732 Dairy Flat Highway.
- c) "Auckland Transport roadside bioretention planting guide" means the latest Auckland Transport roadside bioretention planting guideline or other endorsed Auckland Council bioretention planting guide;
- d) "certify", "certification" and "certified" in relation to plans or management plans means assessed by Council staff acting in a technical certification capacity, and in particular as to whether the document or matter is consistent with, or sufficient to meet, the conditions of this designation in terms of the matters set out in the conditions;
- e) "Commencement of Construction" means commencement of any construction works for the Project or (as the case requires) commencement of any construction works for a part or stage of the Project. For the avoidance of doubt, it excludes site investigations, fencing, and any activities that do not need resource consent/are permitted activities;
- f) "Requiring Authority" means Auckland Transport;
- g) "Council" means the Auckland Council;
- h) "Infrastructure" means the road, cycleway, footpath, bridge, stormwater management devices, underground services, stormwater outlets, culvert and related works to be constructed by Auckland Transport;
- i) "Mana Whenua" means the following identified mana whenua groups excluding those who don't wish to engage on any particular subject:
- (i) Ngāi Tai ki Tāmaki - Ngāi Tai ki Tāmaki Tribal Trust
 - (ii) Ngāi Tai ki Tāmaki - Manuhiri Kaitiaki Charitable Trust
 - (iii) Ngāti Maru - Ngāti Maru Rūnanga Trust
 - (iv) Ngāti Pāoa - Ngāti Paoa Iwi Trust
 - (v) Ngāti Pāoa - Ngāti Paoa Trust Board
 - (vi) Ngāti Te Ata - Te Ara Rangatu o Te Iwi o Ngāti Te Ata Waiohua
 - (vii) Ngāti Wai - Ngāti Wai Trust Board
 - (viii) Ngāti Whanaunga - Ngāti Whanaunga Incorporated
 - (ix) Ngāti Whātua o Kaipara - Ngā Maunga Whakahii o Kaipara Development Trust
 - (x) Ngāti Whātua Ōrākei - Ngāti Whātua Ōrākei Trust
 - (xi) Te Ākitai Waiohua - Te Ākitai Waiohua Iwi Authority

- (xii) Te Kawerau a Maki - Te Kawerau Iwi Settlement Trust
- (xiii) Te Patukirikiri - Te Patukirikiri Iwi Incorporation
- (xiv) Te Rūnanga o Ngāti Whātua - Te Rūnanga o Ngāti Whātua
- j) "Planting Season" means the period between May and September;
- k) "Project" means the construction, operation and management of the Infrastructure;
- l) "Team Leader North West Monitoring" means the Team Leader North West Monitoring for the time being of the Council's Licencing and Regulatory Compliance Department.

Management Plan Certification Process

- A2. Conditions A3 to A8 below shall apply to all Management Plans required by these conditions.
- A3. Management Plans shall be submitted to the Council (Team Leader North West Monitoring) for certification in writing. Management Plans shall be submitted at least twenty (20) working days prior to Commencement of Construction unless otherwise specified in the conditions. If the Council (Team Leader North West Monitoring) does not provide written certification or written notice of refusal to certify and recommended changes within twenty (20) working days the Management Plan shall be deemed certified.

Advice Note: Any preliminary works that are permitted activities can be undertaken prior to any Management Plan(s) being certified.
- A4. Management Plans may be submitted in parts or in stages to address particular activities or to reflect a staged implementation of the Project, and when provided in part or for a stage shall be submitted at least twenty (20) working days prior to commencement of construction of that part of the stage unless otherwise specified in the conditions. Management Plans submitted shall clearly show the linkage with plans for adjacent stages and interrelated activities.
- A5. Should the Council (Team Leader North West Monitoring) refuse to certify a Management Plan, or a part or stage of a Management Plan, in accordance with Condition A4 above, the Requiring Authority shall submit a revised Management Plan for certification as soon as practicable. The certification process shall follow the same procedures as outlined in Condition A3 above.
- A6. Any certified/deemed certified Management Plan may be amended, if necessary, to reflect any minor changes in design, construction methods or management of effects. Any amendments are to be discussed with and submitted to the Council (Team Leader North West Monitoring) in writing prior to implementation of the change. Where the Team Leader North West Monitoring determines in his or her discretion that those amendments once implemented would result in a materially different outcome to that described in the original plan Condition A7 shall apply.
- A7. Any changes to a certified/deemed certified Management Plan involving a materially different outcome under Condition A6 shall be submitted to the Council (Team Leader North West Monitoring) to certify that they comply with the applicable requirements of these conditions. Any material change must be consistent with the objectives of the

relevant Management Plan and the requirements of the relevant conditions of these designations. Where a Management Plan was prepared in consultation with affected parties, any material changes to that Plan shall be prepared in consultation with those same parties.

- A8. All works shall be carried out in general accordance with the certified/deemed certified Management Plans. No works shall commence until written certification of a Management Plan has been received or the Management Plan has been deemed certified, unless otherwise approved in writing by the Council (Team Leader North West Monitoring).

B. Designation 1 Conditions (NoR1) General Conditions

General conditions

- B1. This designation will lapse 15 years from being operative in the Auckland Unitary Plan: Operative in Part unless:
- a) It is given effect to before the end of that period; or
 - b) The territorial authority resolves that the requiring authority has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fixes a longer period to give effect to the designation.
- B2. The scope and extent of the Stage 1 works (including the horizontal and vertical alignment of the carriageway) within the designation shall be generally in accordance with the updated Revision G set of plans contained in Appendix E of the Notice of Requirement dated 16/04/2021, unless an outline plan is submitted under section 176A(1) of the Resource Management Act 1991.
- B3. Stage 2 works will require the submission of an outline plan under section 176A(1) of the Resource Management Act 1991 unless not required in accordance with section 176A(2)(a) or (c) of the Resource Management Act 1991.

Construction Environmental Management Plan

- B4. The Requiring Authority shall prepare a Construction Environmental Management Plan (CEMP) for the works. The Requiring Authority shall submit the CEMP to the Council (Team Leader North West Monitoring) for certification that the CEMP gives effect to the objectives in Condition B5 and complies with the requirements in Conditions B6 to B8.
- B5. The objectives of the CEMP are to:
- a) Ensure that the construction works remain within the limits and standards approved under the designation, and identify construction methods to be undertaken in order to avoid, remedy or mitigate potential adverse effects arising from construction activities; and
 - b) Give effect to the objectives in the management plans listed in Condition B6.
- B6. The CEMP shall incorporate or refer to the following management plans and documents:
- a) Construction Noise and Vibration Management Plan (CNVMP);

- b) Earthworks Management Plan;
 - c) Accidental Discovery Protocol; and
 - d) Construction Traffic Management Plan (CTMP).
- B7. The CEMP shall provide details of the roles and responsibilities, reporting frameworks, coordination and management activities and actions required for effective site management. The CEMP shall provide information on the following matters:
- a) Construction quality assurance;
 - b) Construction works programming including:
 - (i) An outline construction programme;
 - (ii) Confirmation of the proposed staging and sequence of construction;
 - c) Site management; and
 - d) Consultation and communications, including the methods for communicating and consulting with the adjacent or affected parties.
- B8. All personnel working on the site shall be made aware of the requirements contained in the CEMP. A copy of the certified CEMP shall be held on the site at all times while any activity associated with construction is occurring. The certified CEMP shall be implemented and maintained throughout the entire period of the works.

Construction Quality Assurance

- B9. This part of the CEMP requires the establishment of management frameworks, systems and procedures to ensure quality management of all on-site construction activities and compliance with the conditions of this designation. This section shall provide details on the following:
- a) Contact details of the contractor's site supervisor or project manager and the Requiring Authority's Project Liaison Person (phone, postal address, email address);
 - b) Confirmation of the construction methodology, including for permanent and temporary structures;
 - c) Methods and systems to inform and train all persons working on the site of potential environmental issues and how to avoid, remedy, or mitigate any potential adverse effects;
 - d) Procedures for ensuring that residents, businesses, network utility operators and road users in the immediate vicinity of construction areas are given prior notice of the Commencement of Construction and are informed about the expected duration and effects of the work;
 - e) Procedures for responding to, recording and reporting complaints about construction activities;
 - f) Means of providing for the health and safety of the general public;

- g) Measures to be adopted to maintain the land affected by the works in a tidy condition in terms of disposal/storage of rubbish, storage and unloading of construction materials and similar construction activities;
- h) Procedures for controlling sediment run-off, dust and the removal of soil, debris, demolition and construction materials (if any) from public roads or places adjacent to the work site/s;
- i) Measures to manage the potential impacts of construction lighting on residents and on local fauna;
- j) Procedures for the refuelling, cleaning, maintenance and storage of plant and equipment, and measures to avoid discharges of contaminants from these activities;
- k) Measures to address the storage of fuels, lubricants, hazardous and/or dangerous materials, along with contingency procedures to address emergency spill response(s) and clean up;
- l) Procedures for incident management, monitoring and reporting including review and corrective and preventative action;
- m) Site clean-up following completion of works, including removal of construction materials, temporary structures;
- n) Maintenance of plant in a good state of repair so as not to produce excessive fumes or leakage of contaminants when parked or in operation; and
- o) Measures to monitor and minimise discharges of dust so that any offensive or objectionable effects are immediately identified and are mitigated.
- p) Measures for arranging the washing of habitable buildings at the properties of 10 and 36 Old Pine Valley Road during Stage 1 works, subject to approval from landowners and occupiers, involving:
 - (i) Monthly external washing of roof and gutter areas servicing potable water tanks during NoR1 Stage 1 construction work;
 - (ii) Complete external house washing every 6 months during NoR1 Stage 1 construction works. The house washing shall include every habitable building as existing at 3 November 2020, commencing within 6 months of the start of NoR1 Stage 1 construction works and be undertaken at no less than 6 monthly intervals, with a final wash following the completion of the NoR1 Stage 1 construction works.

Construction Works Programme

B10. This part of the CEMP is to ensure that the requiring authority has prepared a Stage 1 programme of works that will enable the Infrastructure and all other associated land based works, to be constructed in a manner that is timely, adequately co-ordinated and minimises the adverse effects of construction. This section shall, among other matters, provide details of the Stage 1 programme for the construction works.

Construction Noise and Vibration Management Plan

- B11. The requiring authority shall prepare a Construction Noise and Vibration Management Plan (CNVMP) for the proposed works. At least five (5) working days prior to Commencement of Construction, the Requiring Authority shall submit the CNVMP to the Council (Team Leader North West Monitoring) for certification that the CNVMP gives effect to the objectives in Condition B12 and complies with the requirements in Condition B13.
- B12. The objectives of the CNVMP are to:
- a) Identify and implement the Best Practicable Option (BPO) for the management of all construction noise and vibration effects;
 - b) Define the procedures to be followed where the noise and vibration standards (Conditions B14 & B15) are not met (following the implementation of the BPO);
 - c) Set out the methods for scheduling works to minimise disruption; and
 - d) Ensure engagement with affected receivers and timely management of complaints.
- B13. The CNVMP shall include:
- a) A description of the works;
 - b) Hours of operation, including a specific section on works at night (2230h - 0700h), incorporating clear definitions of the works undertaken at night (if any);
 - c) Contact details for staff responsible for implementation of the CNVMP;
 - d) The construction noise and vibration performance standards for the project;
 - e) General construction practices, management and mitigation;
 - f) Minimum separation distances from receivers for plant and machinery where compliance with the construction noise and vibration standards is achieved;
 - g) Identification of affected sensitive receivers where noise and vibration performance standards apply;
 - h) A specific section setting out the predicted noise and/or vibration levels, mitigation, monitoring and management measures (including communication with stakeholders and use of temporary noise barriers) that will be adopted for works which cannot comply with the project standards specified in Conditions B14 and B15; and
 - i) A communication, consultation and complaints response protocol including specific provisions for determining the times that receivers are sensitive to noise and vibration and the extent to which high noise and vibration works can be scheduled around those times where practicable (including residential activities).
- B14. Construction noise shall be measured and assessed in accordance with the provisions of New Zealand Standard NZS 6803: 1999 "Acoustics - Construction Noise" and comply with the following Project Standards unless otherwise provided for in any CNVMP (refer Condition 13):

Time of Week	Time Period (hrs)	Noise Limits	
		dB LAeq	dB LAFmax
Building with activities sensitive to noise			
Weekdays	0630 – 0730	55	70
	0730 – 1800	70	85
	1800 – 2000	65	80
	2000 – 0630	40	70
Saturdays	0730 – 1800	70	85
	1800 – 0730	40	70
Sundays and public holidays	0730 – 1800	50	80
	1800 – 0730	40	70
Building with all other activities			
All days	0730 – 1800	70	-
	1800 – 0730	75	-

Advice Note

The CNVMP required by B11 authorises noise levels exceeding those set out in condition B14. The noise limits applying in condition B14 that apply between 1800 and 0730 on any day may only be exceeded by works that cannot be completed between 0730 and 1800 for practical reasons related to avoiding unreasonable traffic congestion during the day, or similar. These noise limits may not be exceeded for reasons related to shortening the construction timeframe or for making up lost time.

- B15. Where practical, construction vibration must comply with the vibration limits set out in the following Table A.

Table A – Construction Vibration Standards – Amenity:

Receiver	Time	Peak Particle Velocity Limit millimetres/second
Occupied activities sensitive to vibration*	2200h-0700h	0.3mm/s PPV
	0700h-2200h	2mm/s PPV
Other occupied buildings	All times	2mm/s PPV

*Any dwelling, visitor accommodation, boarding house, marae, papakāinga, integrated residential development, retirement village, supported residential care, care centres, lecture theatres in tertiary education facilities, classrooms in education facilities and healthcare facilities with an overnight stay facility.

- a) Where compliance is not achievable following the adoption of the Best Practicable Option, the process in B15 b) must be applied. Construction vibration shall be measured and assessed in accordance with DIN4150-3:1999.
- b) If measured or predicted vibration from construction activities exceeds the limits of Table A, the Requiring Authority shall consult with the affected receivers to:
- (i) Discuss the nature of the work and the anticipated days and hours when the exceedances are likely to occur; and
 - (ii) Determine whether the exceedances could be timed or managed to reduce the effects on the receiver.

The Requiring Authority shall maintain a record of these discussions and make them available to the Council on its request.

B16. Construction vibration must comply with the vibration limits set out in the following Table B at all buildings and at all times.

Table B – Construction Vibration Standards – Building Damage

<u>Type of Structure</u>	<u>Short-term Vibration*</u>			<u>Long-term Vibration</u>	
	<u>Peak particle velocity (PPV) on foundation, mm/s</u>			<u>PPV at horizontal plane of highest floor at all frequencies</u>	<u>PPV at horizontal plane of highest floor at all frequencies</u>
	<u>1 Hz-10 Hz</u>	<u>10 Hz-50Hz</u>	<u>50Hz-100 Hz</u>		
<u>Building used for commercial purposes, industrial buildings</u>	<u>20 mm/s</u>	<u>20-40 mm/s</u>	<u>40-50 mm/s</u>	<u>40 mm/s</u>	<u>10 mm/s</u>
<u>Dwellings and buildings of similar design and/or occupancy</u>	<u>5 mm/s</u>	<u>5-15 mm/s</u>	<u>15-20 mm/s</u>	<u>15 mm/s</u>	<u>5 mm/s</u>
<u>Structures that, because of their particular sensitivity to vibration, cannot be classified under the above two rows and are of great intrinsic value</u>	<u>3 mm/s</u>	<u>3-8 mm/s</u>	<u>8-10 mm/s</u>	<u>8 mm/s</u>	<u>2.5 mm/s</u>

*Vibration that does not occur often enough to cause material fatigue and whose development over time and duration is not suitable for producing a significant increase in vibration due to resonance in the particular structure.

Accidental Discovery Condition

B17. The accidental discovery rules in the Auckland Unitary Plan: Operative in Part apply for the discovery of sensitive material, including human remains and kōiwi, archaeological sites, Maori cultural artefacts/taonga tūturu and lava caves greater than 1 m in diameter.

Traffic Management Plan

B18. The requiring authority shall prepare a Construction Traffic Management Plan (CTMP). At least twenty (20) working days prior to commencement of construction, the Requiring Authority shall submit the CTMP to the Team Leader North West Monitoring for certification that the CTMP gives effect to the objectives in Condition B19 and complies with the requirements in Condition B20.

B19. The objectives of the CTMP are to:

- a) Provide for the safety of everyone at all times;
- b) Ensure best practicable measures are undertaken to maintain access at all times to/from adjacent properties;
- c) Minimise disruption from construction traffic on occupants of adjacent properties;
- d) Provide for prior engagement with stakeholders when access to properties will be affected by construction traffic; and
- e) Provide a mechanism for addressing queries and responding to complaints.

B20. The CTMP shall include:

- a) For each Project stage and/or construction area, the traffic management measures that will be required to be implemented;
- b) A mechanism and nominated stakeholder manager who is responsible for receiving, addressing and monitoring queries and responding to complaints in relation to the construction works;
- c) Provision of appropriate ingress and egress routes to/from the site for the construction vehicles, including confirmation of appropriate heavy vehicles layover areas and over-dimensional vehicle routes. The operation of the heavy vehicles layover area shall not impede the travel of passing vehicles and cyclists;
- d) Confirmation of typical numbers of heavy vehicle movements throughout the day;
- e) Restriction on parking for workers on construction sites, with parking prioritised for minor trades (i.e. those needing to bring tools for specialist activities), car/van pooling, staff working outside standard hours and mobility impaired staff/visitors;
- f) Restriction on heavy vehicle movements/deliveries to and from the construction sites on weekdays (excluding public holidays) between 7am and 9am and between 4pm and 6pm unless included as part of a CTMP; and
- g) Processes for monitoring, and to enable review and amendment to the CTMP.

10 Old Pine Valley Road - Landscaping and Management Plan

B21. The Requiring Authority shall prepare a Landscaping and Management Plan (LMP) for replacement planting of the Temporary Occupation areas within the land identified as Pt Lot 5 DP 136559 and Sec 8 SO 315843 at 10 Old Pine Valley Road unless an alternative solution is otherwise agreed between the Requiring Authority and the landowner of 10 Old Pine Valley Road. The Requiring Authority shall submit the LMP to the Team Leader North West Monitoring for certification that the LMP gives effect to the objectives in Condition B22 and complies with the requirements in Condition B23.

B22. The objectives of the LMP are to:

- a) Provide replacement planting to mitigate the adverse effects on the visual amenity of the road from occupants of the land at 10 Old Pine Valley Road (Pt Lot 5 DP 136559, Sec 7 SO 315843 and Sec 8 SO 315843.);
- b) Ensure that batter slopes within the land identified as Pt Lot 5 DP 136559 and Sec 8 SO 315843 at 10 Old Pine Valley Road are planted with low maintenance planting to avoid the need for mowing of grass on batter slopes greater than 1:4;
- c) Ensure appropriate finishing to a minimum of a grassed surface to all other Temporary Occupation areas within the land identified as Pt Lot 5 DP 136559, Sec 7 SO 315843 and Sec 8 SO 315843 at 10 Old Pine Valley Road; and
- d) Ensure “like for like” replacement fencing is provided

B23. The LMP shall include:

- a) A plan of the planted area detailing the proposed plant species, plant sourcing, plant sizes at time of planting, plant locations, density of planting, and timing of planting;
- b) The provision of replacement planting for all trees removed from the Temporary Land Occupation areas within the property at a number no less than three (3) PB40 size or greater plants for every plant greater than 1m in height;
- c) A programme of establishment and post establishment protection and maintenance (fertilising, weed removal/spraying, replacement of dead/poorly performing plants, watering to maintain soil moisture), incorporating a post planting maintenance programme of no less than two (2) years; and
- d) The provision of replacement fencing where removed as a result of the project along newly formed boundaries to a standard of a seven (7) wire post and batten fence.

B24. Subject to approval from the landowner the planting must be:

- a) undertaken within the first planting season (May to September) following the completion of the occupation period
- b) fully implemented in accordance with the certified LMP; and
- c) maintained for the duration of two years in accordance with the provisions of the certified LMP.

In the event that the landowner declines a reasonable request for access to implement the certified LMP, the requirement for the Requiring Authority to undertake the works in accordance with the certified LMP does not apply.

36 Old Pine Valley Road - Stock Yards, Stock Loading Ramp and Stock Truck Access

B25. The Requiring Authority shall prepare a Stock Yard and Access Plan (SYAP) for the land at 36 Old Pine Valley Road unless an alternative solution is otherwise agreed between the Requiring Authority and the landowner of 36 Old Pine Valley Road. The Requiring Authority shall submit the SYAP to the Council (Team Leader North West Monitoring) for certification that the SYAP gives effect to the objectives in Condition B26 and complies with the requirements in Conditions B27.

B26. The objectives of the SYAP are to:

- a) Ensure provisions for stock loading and unloading are available for the continued operation of the land for livestock farming use;
- b) Ensure that provisions for stock loading and unloading, including vehicle access crossing and gate are safe

B27. The SYAP shall include:

- a) Details of how a new stock yard, stock ramp and associated stock truck access will be provided to the “main parcel” of land at 36 Old Pine Valley Road.
- b) Details of the changes proposed to reposition the existing stock yard and stock ramp on the “severance parcel” of the land at 36 Old Pine Valley Road.

B28. Subject to agreement from the landowner to undertake the works, the certified SYAP must be fully implemented prior to the commencement of construction.

In the event that the landowner declines a reasonable request for access to implement the certified SYAP, the requirement for the Requiring Authority to undertake the works in accordance with the certified SYAP does not apply.

C. ~~[deleted] Designation 2 Conditions (NoR2)~~

~~General conditions~~

~~C1. This designation will lapse 15 years from being operative in the Auckland Unitary Plan: Operative in Part unless:~~

- ~~a) It is given effect to before the end of that period; or~~
- ~~b) The territorial authority resolves that the Requiring Authority has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fixes a longer period to give effect to the designation.~~

~~C2. The scope and extent of the Stage 1 works (including the horizontal and vertical alignment of the carriageway) within the designation shall be generally in accordance with the updated Revision G set of plans contained in Appendix E of the Notice of Requirement dated 16/04/2021, unless an outline plan is submitted under section 176A(1) of the Resource Management Act 1991.~~

~~C3. Stage 2 works will require the submission of an Outline Plan under section 176A(1) of the Resource Management Act 1991 unless not required in accordance with section 176A(2)(a) or (c) of the Resource Management Act 1991.~~

~~Construction Environmental Management Plan~~

~~C4. The Requiring Authority shall prepare a Construction Environmental Management Plan (CEMP) for the works. The Requiring Authority shall submit the CEMP to the Council (Team Leader North West Monitoring) for certification that the CEMP gives effect to the objectives in Condition C5 and complies with the requirements in Conditions C6 to C8.~~

~~C5. The objectives of the CEMP are to:~~

~~a) Ensure that the construction works remain within the limits and standards approved under the designation and identify construction methods to be undertaken in order to avoid, remedy or mitigate potential adverse effects arising from construction activities; and~~

~~b) Give effect to the objectives in the management plans listed in Condition C6.~~

~~C6. The CEMP shall incorporate or refer to the following management plans and documents:~~

~~a) Construction Noise and Vibration Management Plan (CNVMP);~~

~~b) Earthworks Management Plan;~~

~~c) Accidental Discovery Protocol; and~~

~~d) Construction Traffic Management Plan (CTMP).~~

~~C7. The CEMP shall provide details of the responsibilities, reporting frameworks, coordination and management required for effective site management. The CEMP shall provide information on the following matters:~~

~~a) Construction quality assurance;~~

~~b) Construction works programming including:~~

~~(i) An outline construction programme; and~~

~~(ii) Confirmation of the proposed staging and sequence of construction;~~

~~c) Site management; and~~

~~d) Consultation and communications, including the methods for communicating and consulting with the adjacent or affected parties.~~

~~C8. All personnel working on the site shall be made aware of the requirements contained in the CEMP. A copy of the certified CEMP shall be held on the site at all times while any activity associated with construction is occurring. The certified CEMP shall be implemented and maintained throughout the entire period of the works.~~

~~Construction Quality Assurance~~

~~C9. This part of the CEMP requires the establishment of management frameworks, systems and procedures to ensure quality management of all on-site construction~~

activities and compliance with the conditions of this designation. This section shall provide details on the following:

- a) Contact details of the contractor's site supervisor or project manager and the Requiring Authority's Project Liaison Person (phone, postal address, email address);
- b) Confirmation of the construction methodology, including for permanent and temporary structures;
- c) Methods and systems to inform and train all persons working on the site of potential environmental issues and how to avoid, remedy, or mitigate any potential adverse effects;
- d) Procedures for ensuring that residents, businesses, network utility operators and road users in the immediate vicinity of construction areas are given prior notice of the Commencement of Construction and are informed about the expected duration and effects of the work;
- e) Procedures for responding to, recording and reporting complaints about construction activities;
- f) Means of providing for the health and safety of the general public;
- g) Measures to be adopted to maintain the land affected by the works in a tidy condition in terms of disposal/storage of rubbish, storage and unloading of construction materials and similar construction activities;
- h) Procedures for controlling sediment run-off, dust and the removal of soil, debris, demolition and construction materials (if any) from public roads or places adjacent to the work site/s;
- i) Measures to manage the potential impacts of construction lighting on residents and on local fauna;
- j) Procedures for the refuelling, cleaning, maintenance and storage of plant and equipment, and measures to avoid discharges of contaminants from these activities;
- k) Measures to address the storage of fuels, lubricants, hazardous and/or dangerous materials, along with contingency procedures to address emergency spill response(s) and clean up;
- l) Procedures for incident management, monitoring and reporting including review and corrective and preventative action;
- m) Site clean-up following completion of works, including removal of construction materials, temporary structures;
- n) Maintenance of plant in a good state of repair so as not to produce excessive fumes or leakage of contaminants when parked or in operation; and
- o) Measures to monitor and minimise discharges of dust so that any offensive or objectionable effects are immediately identified and are mitigated.

Construction Works Programme

C10. This part of the CEMP is to ensure that the requiring authority has prepared a Stage 1 programme of works that will enable the Infrastructure and all other associated land based works, to be constructed in a manner that is timely, adequately co-ordinated and minimises the adverse effects of construction. This section shall, among other matters, provide details of the Stage 1 programme for the construction works.

Construction Noise and Vibration Management Plan

C11. The requiring authority shall prepare a Construction Noise and Vibration Management Plan (CNVMP) for the proposed works. At least five (5) working days prior to Commencement of Construction, the Requiring Authority shall submit the CNVMP to the Council (Team Leader North West Monitoring) for certification that the CNVMP gives effect to the objectives in Condition C12 and complies with the requirements in Condition C13.

C12. The objectives of the CNVMP are to:

- a) Identify and implement the Best Practicable Option (BPO) for the management of all construction noise and vibration effects;
- b) Define the procedures to be followed where the noise and vibration standards (Conditions C14 & C15) are not met (following the implementation of the BPO);
- c) Set out the methods for scheduling works to minimise disruption; and
- d) Ensure engagement with affected receivers and timely management of complaints.

C13. The CNVMP shall include:

- a) A description of the works;
- b) Hours of operation, including a specific section on works at night (2230h–0700h), incorporating clear definitions of the works undertaken at night (if any);
- c) Contact details for staff responsible for implementation of the CNVMP;
- d) The construction noise and vibration performance standards for the project;
- e) General construction practices, management and mitigation;
- f) Minimum separation distances from receivers for plant and machinery where compliance with the construction noise and vibration standards is achieved;
- g) Identification of affected sensitive receivers where noise and vibration performance standards apply;
- h) A specific section setting out the predicted noise and/or vibration levels, mitigation, monitoring and management measures (including communication with stakeholders and use of temporary noise barriers) that will be adopted for works which cannot comply with the project standards specified in Conditions C14 and C15; and
- i) A communication, consultation and complaints response protocol including specific provisions for determining the times that receivers are sensitive to noise and vibration and the extent to which high noise and vibration works can be scheduled around those times where practicable (including residential activities).

C14. Construction noise shall be measured and assessed in accordance with the provisions of New Zealand Standard NZS 6803: 1999 "Acoustics – Construction Noise" and comply with the following Project Standards unless otherwise provided for in any CNVMP (refer Condition 14):

Time of Week	Time Period (hrs)	Noise Limits	
		dB LAeq	dB LAfmax
Building with activities sensitive to noise			
Weekdays	0630 – 0730	55	70
	0730 – 1800	70	85
	1800 – 2000	65	80
	2000 – 0630	40	70
Saturdays	0730 – 1800	70	85
	1800 – 0730	40	70
Sundays and public holidays	0730 – 1800	50	80
	1800 – 0730	40	70
Building with all other activities			
All days	0730 – 1800	70	-
	1800 – 0730	75	-

Advice Note

The CNVMP required by C11 authorises noise levels exceeding those set out in condition C14. The noise limits applying in condition C14 that apply between 1800 and 0730 on any day may only be exceeded by works that cannot be completed between 0730 and 1800 for practical reasons related to avoiding unreasonable traffic congestion during the day, or similar. These noise limits may not be exceeded for reasons related to shortening the construction timeframe or for making up lost time.

C15. Where practical, construction vibration must comply with the vibration limits set out in the following Table A.

Table A – Construction Vibration Standards – Amenity:

Receiver	Time	Peak Particle Velocity Limit millimetres/second
Occupied activities sensitive to noise*	2200h-0700h	0.3mm/s PPV
	0700h-2200h	2mm/s PPV
Other occupied buildings	All times	2mm/s PPV

*Any dwelling, visitor accommodation, boarding house, marae, papakāinga, integrated residential development, retirement village, supported residential care, care centres, lecture theatres in tertiary education facilities, classrooms in education facilities and healthcare facilities with an overnight stay facility.

a) Where compliance is not achievable following the adoption of the Best Practicable Option, the process in C15 b) must be applied. Construction vibration shall be measured and assessed in accordance with DIN4150-3:1999.

b) If measured or predicted vibration from construction activities exceeds the limits of Table A, the Requiring Authority shall consult with the affected receivers to:

(i) Discuss the nature of the work and the anticipated days and hours when the exceedances are likely to occur; and

(ii) Determine whether the exceedances could be timed or managed to reduce the effects on the receiver.

The Requiring Authority shall maintain a record of these discussions and make them available to the Council on its request.

C16. Construction vibration must comply with the vibration limits set out in the following Table B at all buildings and at all times.

Table B – Construction Vibration Standards – Building Damage

Type of Structure	Short-term Vibration*			Long-term Vibration	
	Peak particle velocity (PPV) on foundation, mm/s			PPV at horizontal plane of highest floor at all frequencies	PPV at horizontal plane of highest floor at all frequencies
	1 Hz-10 Hz	10 Hz-50Hz	50Hz-100 Hz		
Building used for commercial purposes, industrial buildings	20 mm/s	20-40 mm/s	40-50 mm/s	40 mm/s	10 mm/s
Dwellings and buildings of similar design and/or occupancy	5 mm/s	5-15 mm/s	15-20 mm/s	15 mm/s	5 mm/s
Structures that, because of their particular sensitivity to vibration, cannot be classified under the above two rows and are	3 mm/s	3-8 mm/s	8-10 mm/s	8 mm/s	2.5 mm/s

of great intrinsic value

*Vibration that does not occur often enough to cause material fatigue and whose development over time and duration is not suitable for producing a significant increase in vibration due to resonance in the particular structure.

Accidental Discovery Condition

C17. The accidental discovery rules in the Auckland Unitary Plan: Operative in Part apply for the discovery of sensitive material, including human remains and kōiwi, archaeological sites, Maori cultural artefacts/taonga tūturu and lava caves greater than 1 m in diameter.

Traffic Management Plan

C18. The requiring authority shall prepare a Construction Traffic Management Plan (CTMP). At least twenty (20) working days prior to commencement of construction, the Requiring Authority shall submit the CTMP to the Council (Team Leader North West Monitoring) for certification that the CTMP gives effect to the objectives in Condition C19 and complies with the requirements in Condition C20.

C19. The objectives of the CTMP are to:

- a) Provide for the safety of everyone at all times;
- b) Ensure best practicable measures are undertaken to maintain access at all times to/from adjacent properties;
- c) Minimise disruption from construction traffic on occupants of adjacent properties;
- d) Provide for prior engagement with stakeholders when access to properties will be affected by construction traffic; and
- e) Provide a mechanism for addressing queries and responding to complaints.

C20. The CTMP shall include:

- a) For each Project stage and/or construction area, the traffic management measures that will be required to be implemented;
- b) A mechanism and nominated stakeholder manager who is responsible for receiving, addressing and monitoring queries and responding to complaints in relation to the construction works;
- c) Provision of appropriate ingress and egress routes to/from the site for the construction vehicles, including confirmation of appropriate heavy vehicles layover areas and over-dimensional vehicle routes. The operation of the heavy vehicles layover area shall not impede the travel of passing vehicles and cyclists;
- d) Confirmation of typical numbers of heavy vehicle movements throughout the day;
- e) Restrictions on parking for workers on construction sites, with parking prioritised for minor trades (i.e. those needing to bring tools for specialist activities), car/van pooling, staff working outside standard hours and mobility impaired staff/visitors;

~~f) Restrictions on heavy vehicle movements/ deliveries to and from the construction sites on weekdays (excluding public holidays) between 7am and 9am and between 4pm and 6pm unless included as part of a CTMP; and~~

~~g) Processes for monitoring, and to enable review and amendment to the CTMP.~~

Attachments

~~No attachments.~~

Attachment C: Amended text (clean)

1479 Pine Valley Road North Alignment

Designation Number	1479
Requiring Authority	Auckland Transport
Location	Land from Argent Lane roundabout at the intersection with Old Pine Valley Road south through the properties of 10 and 36 Old Pine Valley Road, tying into the existing Pine Valley Road to the north of the property boundary with 1731 Dairy Flat Highway: <ul style="list-style-type: none">• 10 Old Pine Valley Road (Sec 7 SO 315843, Sec 8 SO 315843, Pt Lot 5 DP 136559)• 36 Old Pine Valley Road (Lot 6 DP 136559)• The public road reserve between the parcels of land that form 10 Old Pine Valley Road.
Lapse Date	12/11/2036

Purpose

Construction, operation and maintenance of a road, cycleways, pedestrian paths and associated infrastructure.

Conditions

A. Definition of Terms

A1. In these conditions:

- a) “adjacent properties” means the properties at:
 - (i) 10 Old Pine Valley Road;
 - (ii) 36 Old Pine Valley Road;
 - (iii) 1687 Dairy Flat Highway,
 - (iv) 1700 Dairy Flat Highway;
 - (v) 1731 Dairy Flat Highway;
 - (vi) 1732 Dairy Flat Highway;
 - (vii) 1738 Dairy Flat Highway;
 - (viii) Pt Allot 16 SO 18072 Old Pine Valley Road;
 - (ix) Lot 2 480626, Dairy Flat Highway; and
 - (x) Sec 6 SO 308591, Dairy Flat Highway.
- b) “affected parties” means the owners and occupiers of the properties at:
 - (i) 10 Old Pine Valley Road;
 - (ii) 36 Old Pine Valley Road;
 - (iii) 1687 Dairy Flat Highway,

- (iv) 1700 Dairy Flat Highway;
 - (v) 1731 Dairy Flat Highway; and
 - (vi) 1732 Dairy Flat Highway.
- c) "Auckland Transport roadside bioretention planting guide" means the latest Auckland Transport roadside bioretention planting guideline or other endorsed Auckland Council bioretention planting guide;
- d) "certify", "certification" and "certified" in relation to plans or management plans means assessed by Council staff acting in a technical certification capacity, and in particular as to whether the document or matter is consistent with, or sufficient to meet, the conditions of this designation in terms of the matters set out in the conditions;
- e) "Commencement of Construction" means commencement of any construction works for the Project or (as the case requires) commencement of any construction works for a part or stage of the Project. For the avoidance of doubt, it excludes site investigations, fencing, and any activities that do not need resource consent/are permitted activities;
- f) "Requiring Authority" means Auckland Transport;
- g) "Council" means the Auckland Council;
- h) "Infrastructure" means the road, cycleway, footpath, bridge, stormwater management devices, underground services, stormwater outlets, culvert and related works to be constructed by Auckland Transport;
- i) "Mana Whenua" means the following identified mana whenua groups excluding those who don't wish to engage on any particular subject:
- (i) Ngāi Tai ki Tāmaki - Ngāi Tai ki Tāmaki Tribal Trust
 - (ii) Ngāi Tai ki Tāmaki - Manuhiri Kaitiaki Charitable Trust
 - (iii) Ngāti Maru - Ngāti Maru Rūnanga Trust
 - (iv) Ngāti Pāoa - Ngāti Paoa Iwi Trust
 - (v) Ngāti Pāoa - Ngāti Paoa Trust Board
 - (vi) Ngāti Te Ata - Te Ara Rangatu o Te Iwi o Ngāti Te Ata Waiohua
 - (vii) Ngāti Wai - Ngāti Wai Trust Board
 - (viii) Ngāti Whanaunga - Ngāti Whanaunga Incorporated
 - (ix) Ngāti Whātua o Kaipara - Ngā Maunga Whakahii o Kaipara Development Trust
 - (x) Ngāti Whātua Ōrākei - Ngāti Whātua Ōrākei Trust
 - (xi) Te Ākitai Waiohua - Te Ākitai Waiohua Iwi Authority
 - (xii) Te Kawerau a Maki - Te Kawerau Iwi Settlement Trust
 - (xiii) Te Patukirikiri - Te Patukirikiri Iwi Incorporation

(xiv) Te Rūnanga o Ngāti Whātua - Te Rūnanga o Ngāti Whātua

- j) "Planting Season" means the period between May and September;
- k) "Project" means the construction, operation and management of the Infrastructure;
- l) "Team Leader North West Monitoring" means the Team Leader North West Monitoring for the time being of the Council's Licencing and Regulatory Compliance Department.

Management Plan Certification Process

- A2. Conditions A3 to A8 below shall apply to all Management Plans required by these conditions.
- A3. Management Plans shall be submitted to the Council (Team Leader North West Monitoring) for certification in writing. Management Plans shall be submitted at least twenty (20) working days prior to Commencement of Construction unless otherwise specified in the conditions. If the Council (Team Leader North West Monitoring) does not provide written certification or written notice of refusal to certify and recommended changes within twenty (20) working days the Management Plan shall be deemed certified.

Advice Note: Any preliminary works that are permitted activities can be undertaken prior to any Management Plan(s) being certified.

- A4. Management Plans may be submitted in parts or in stages to address particular activities or to reflect a staged implementation of the Project, and when provided in part or for a stage shall be submitted at least twenty (20) working days prior to commencement of construction of that part of the stage unless otherwise specified in the conditions. Management Plans submitted shall clearly show the linkage with plans for adjacent stages and interrelated activities.
- A5. Should the Council (Team Leader North West Monitoring) refuse to certify a Management Plan, or a part or stage of a Management Plan, in accordance with Condition A4 above, the Requiring Authority shall submit a revised Management Plan for certification as soon as practicable. The certification process shall follow the same procedures as outlined in Condition A3 above.
- A6. Any certified/deemed certified Management Plan may be amended, if necessary, to reflect any minor changes in design, construction methods or management of effects. Any amendments are to be discussed with and submitted to the Council (Team Leader North West Monitoring) in writing prior to implementation of the change. Where the Team Leader North West Monitoring determines in his or her discretion that those amendments once implemented would result in a materially different outcome to that described in the original plan Condition A7 shall apply.
- A7. Any changes to a certified/deemed certified Management Plan involving a materially different outcome under Condition A6 shall be submitted to the Council (Team Leader North West Monitoring) to certify that they comply with the applicable requirements of these conditions. Any material change must be consistent with the objectives of the relevant Management Plan and the requirements of the relevant conditions of these designations. Where a Management Plan was prepared in

consultation with affected parties, any material changes to that Plan shall be prepared in consultation with those same parties.

- A8. All works shall be carried out in general accordance with the certified/deemed certified Management Plans. No works shall commence until written certification of a Management Plan has been received or the Management Plan has been deemed certified, unless otherwise approved in writing by the Council (Team Leader North West Monitoring).

B. General Conditions

- B1. This designation will lapse 15 years from being operative in the Auckland Unitary Plan: Operative in Part unless:
- a) It is given effect to before the end of that period; or
 - b) The territorial authority resolves that the requiring authority has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fixes a longer period to give effect to the designation.
- B2. The scope and extent of the Stage 1 works (including the horizontal and vertical alignment of the carriageway) within the designation shall be generally in accordance with the updated Revision G set of plans contained in Appendix E of the Notice of Requirement dated 16/04/2021, unless an outline plan is submitted under section 176A(1) of the Resource Management Act 1991.
- B3. Stage 2 works will require the submission of an outline plan under section 176A(1) of the Resource Management Act 1991 unless not required in accordance with section 176A(2)(a) or (c) of the Resource Management Act 1991.

Construction Environmental Management Plan

- B4. The Requiring Authority shall prepare a Construction Environmental Management Plan (CEMP) for the works. The Requiring Authority shall submit the CEMP to the Council (Team Leader North West Monitoring) for certification that the CEMP gives effect to the objectives in Condition B5 and complies with the requirements in Conditions B6 to B8.
- B5. The objectives of the CEMP are to:
- a) Ensure that the construction works remain within the limits and standards approved under the designation, and identify construction methods to be undertaken in order to avoid, remedy or mitigate potential adverse effects arising from construction activities; and
 - b) Give effect to the objectives in the management plans listed in Condition B6.
- B6. The CEMP shall incorporate or refer to the following management plans and documents:
- a) Construction Noise and Vibration Management Plan (CNVMP);
 - b) Earthworks Management Plan;
 - c) Accidental Discovery Protocol; and
 - d) Construction Traffic Management Plan (CTMP).

- B7. The CEMP shall provide details of the roles and responsibilities, reporting frameworks, coordination and management activities and actions required for effective site management. The CEMP shall provide information on the following matters:
- a) Construction quality assurance;
 - b) Construction works programming including:
 - (i) An outline construction programme;
 - (ii) Confirmation of the proposed staging and sequence of construction;
 - c) Site management; and
 - d) Consultation and communications, including the methods for communicating and consulting with the adjacent or affected parties.
- B8. All personnel working on the site shall be made aware of the requirements contained in the CEMP. A copy of the certified CEMP shall be held on the site at all times while any activity associated with construction is occurring. The certified CEMP shall be implemented and maintained throughout the entire period of the works.

Construction Quality Assurance

- B9. This part of the CEMP requires the establishment of management frameworks, systems and procedures to ensure quality management of all on-site construction activities and compliance with the conditions of this designation. This section shall provide details on the following:
- a) Contact details of the contractor's site supervisor or project manager and the Requiring Authority's Project Liaison Person (phone, postal address, email address);
 - b) Confirmation of the construction methodology, including for permanent and temporary structures;
 - c) Methods and systems to inform and train all persons working on the site of potential environmental issues and how to avoid, remedy, or mitigate any potential adverse effects;
 - d) Procedures for ensuring that residents, businesses, network utility operators and road users in the immediate vicinity of construction areas are given prior notice of the Commencement of Construction and are informed about the expected duration and effects of the work;
 - e) Procedures for responding to, recording and reporting complaints about construction activities;
 - f) Means of providing for the health and safety of the general public;
 - g) Measures to be adopted to maintain the land affected by the works in a tidy condition in terms of disposal/storage of rubbish, storage and unloading of construction materials and similar construction activities;

- h) Procedures for controlling sediment run-off, dust and the removal of soil, debris, demolition and construction materials (if any) from public roads or places adjacent to the work site/s;
- i) Measures to manage the potential impacts of construction lighting on residents and on local fauna;
- j) Procedures for the refuelling, cleaning, maintenance and storage of plant and equipment, and measures to avoid discharges of contaminants from these activities;
- k) Measures to address the storage of fuels, lubricants, hazardous and/or dangerous materials, along with contingency procedures to address emergency spill response(s) and clean up;
- l) Procedures for incident management, monitoring and reporting including review and corrective and preventative action;
- m) Site clean-up following completion of works, including removal of construction materials, temporary structures;
- n) Maintenance of plant in a good state of repair so as not to produce excessive fumes or leakage of contaminants when parked or in operation; and
- o) Measures to monitor and minimise discharges of dust so that any offensive or objectionable effects are immediately identified and are mitigated.
- p) Measures for arranging the washing of habitable buildings at the properties of 10 and 36 Old Pine Valley Road during Stage 1 works, subject to approval from landowners and occupiers, involving:
 - (i) Monthly external washing of roof and gutter areas servicing potable water tanks during NoR1 Stage 1 construction work;
 - (ii) Complete external house washing every 6 months during NoR1 Stage 1 construction works. The house washing shall include every habitable building as existing at 3 November 2020, commencing within 6 months of the start of NoR1 Stage 1 construction works and be undertaken at no less than 6 monthly intervals, with a final wash following the completion of the NoR1 Stage 1 construction works.

Construction Works Programme

B10. This part of the CEMP is to ensure that the requiring authority has prepared a Stage 1 programme of works that will enable the Infrastructure and all other associated land based works, to be constructed in a manner that is timely, adequately co-ordinated and minimises the adverse effects of construction. This section shall, among other matters, provide details of the Stage 1 programme for the construction works.

Construction Noise and Vibration Management Plan

B11. The requiring authority shall prepare a Construction Noise and Vibration Management Plan (CNVMP) for the proposed works. At least five (5) working days prior to Commencement of Construction, the Requiring Authority shall submit the CNVMP to the Council (Team Leader North West Monitoring) for certification that the

CNVMP gives effect to the objectives in Condition B12 and complies with the requirements in Condition B13.

B12. The objectives of the CNVMP are to:

- a) Identify and implement the Best Practicable Option (BPO) for the management of all construction noise and vibration effects;
- b) Define the procedures to be followed where the noise and vibration standards (Conditions B14 & B15) are not met (following the implementation of the BPO);
- c) Set out the methods for scheduling works to minimise disruption; and
- d) Ensure engagement with affected receivers and timely management of complaints.

B13. The CNVMP shall include:

- a) A description of the works;
- b) Hours of operation, including a specific section on works at night (2230h - 0700h), incorporating clear definitions of the works undertaken at night (if any);
- c) Contact details for staff responsible for implementation of the CNVMP;
- d) The construction noise and vibration performance standards for the project;
- e) General construction practices, management and mitigation;
- f) Minimum separation distances from receivers for plant and machinery where compliance with the construction noise and vibration standards is achieved;
- g) Identification of affected sensitive receivers where noise and vibration performance standards apply;
- h) A specific section setting out the predicted noise and/or vibration levels, mitigation, monitoring and management measures (including communication with stakeholders and use of temporary noise barriers) that will be adopted for works which cannot comply with the project standards specified in Conditions B14 and B15; and
- i) A communication, consultation and complaints response protocol including specific provisions for determining the times that receivers are sensitive to noise and vibration and the extent to which high noise and vibration works can be scheduled around those times where practicable (including residential activities).

B14. Construction noise shall be measured and assessed in accordance with the provisions of New Zealand Standard NZS 6803: 1999 "Acoustics - Construction Noise" and comply with the following Project Standards unless otherwise provided for in any CNVMP (refer Condition 13):

Time of Week	Time Period (hrs)	Noise Limits	
		dB LAeq	dB LAFmax
Building with activities sensitive to noise			

Weekdays	0630 – 0730	55	70
	0730 – 1800	70	85
	1800 – 2000	65	80
	2000 – 0630	40	70
Saturdays	0730 – 1800	70	85
	1800 – 0730	40	70
Sundays and public holidays	0730 – 1800	50	80
	1800 – 0730	40	70
Building with all other activities			
All days	0730 – 1800	70	-
	1800 – 0730	75	-

Advice Note

The CNVMP required by B11 authorises noise levels exceeding those set out in condition B14. The noise limits applying in condition B14 that apply between 1800 and 0730 on any day may only be exceeded by works that cannot be completed between 0730 and 1800 for practical reasons related to avoiding unreasonable traffic congestion during the day, or similar. These noise limits may not be exceeded for reasons related to shortening the construction timeframe or for making up lost time.

- B15. Where practical, construction vibration must comply with the vibration limits set out in the following Table A.

Table A – Construction Vibration Standards – Amenity:

Receiver	Time	Peak Particle Velocity Limit millimetres/second
Occupied activities sensitive to vibration*	2200h-0700h	0.3mm/s PPV
	0700h-2200h	2mm/s PPV
Other occupied buildings	All times	2mm/s PPV

*Any dwelling, visitor accommodation, boarding house, marae, papakāinga, integrated residential development, retirement village, supported residential care, care centres, lecture theatres in tertiary education facilities, classrooms in education facilities and healthcare facilities with an overnight stay facility.

- Where compliance is not achievable following the adoption of the Best Practicable Option, the process in B15 b) must be applied. Construction vibration shall be measured and assessed in accordance with DIN4150-3:1999.
- If measured or predicted vibration from construction activities exceeds the limits of Table A, the Requiring Authority shall consult with the affected receivers to:

- (i) Discuss the nature of the work and the anticipated days and hours when the exceedances are likely to occur; and
- (ii) Determine whether the exceedances could be timed or managed to reduce the effects on the receiver.

The Requiring Authority shall maintain a record of these discussions and make them available to the Council on its request.

B16. Construction vibration must comply with the vibration limits set out in the following Table B at all buildings and at all times.

Table B – Construction Vibration Standards – Building Damage

<u>Type of Structure</u>	<u>Short-term Vibration*</u>			<u>Long-term Vibration</u>	
	<u>Peak particle velocity (PPV) on foundation, mm/s</u>			<u>PPV at horizontal plane of highest floor at all frequencies</u>	<u>PPV at horizontal plane of highest floor at all frequencies</u>
	<u>1 Hz-10 Hz</u>	<u>10 HZ-50Hz</u>	<u>50Hz-100 Hz</u>		
<u>Building used for commercial purposes, industrial buildings</u>	<u>20 mm/s</u>	<u>20-40 mm/s</u>	<u>40-50 mm/s</u>	<u>40 mm/s</u>	<u>10 mm/s</u>
<u>Dwellings and buildings of similar design and/or occupancy</u>	<u>5 mm/s</u>	<u>5-15 mm/s</u>	<u>15-20 mm/s</u>	<u>15 mm/s</u>	<u>5 mm/s</u>
<u>Structures that, because of their particular sensitivity to vibration, cannot be classified under the above two rows and are of great intrinsic value</u>	<u>3 mm/s</u>	<u>3-8 mm/s</u>	<u>8-10 mm/s</u>	<u>8 mm/s</u>	<u>2.5 mm/s</u>

*Vibration that does not occur often enough to cause material fatigue and whose development over time and duration is not suitable for producing a significant increase in vibration due to resonance in the particular structure.

Accidental Discovery Condition

B17. The accidental discovery rules in the Auckland Unitary Plan: Operative in Part apply for the discovery of sensitive material, including human remains and kōiwi, archaeological sites, Maori cultural artefacts/taonga tūturu and lava caves greater than 1 m in diameter.

Traffic Management Plan

B18. The requiring authority shall prepare a Construction Traffic Management Plan (CTMP). At least twenty (20) working days prior to commencement of construction, the Requiring Authority shall submit the CTMP to the Team Leader North West Monitoring for certification that the CTMP gives effect to the objectives in Condition B19 and complies with the requirements in Condition B20.

B19. The objectives of the CTMP are to:

- a) Provide for the safety of everyone at all times;
- b) Ensure best practicable measures are undertaken to maintain access at all times to/from adjacent properties;
- c) Minimise disruption from construction traffic on occupants of adjacent properties;
- d) Provide for prior engagement with stakeholders when access to properties will be affected by construction traffic; and
- e) Provide a mechanism for addressing queries and responding to complaints.

B20. The CTMP shall include:

- a) For each Project stage and/or construction area, the traffic management measures that will be required to be implemented;
- b) A mechanism and nominated stakeholder manager who is responsible for receiving, addressing and monitoring queries and responding to complaints in relation to the construction works;
- c) Provision of appropriate ingress and egress routes to/from the site for the construction vehicles, including confirmation of appropriate heavy vehicles layover areas and over-dimensional vehicle routes. The operation of the heavy vehicles layover area shall not impede the travel of passing vehicles and cyclists;
- d) Confirmation of typical numbers of heavy vehicle movements throughout the day;
- e) Restriction on parking for workers on construction sites, with parking prioritised for minor trades (i.e. those needing to bring tools for specialist activities), car/van pooling, staff working outside standard hours and mobility impaired staff/visitors;
- f) Restriction on heavy vehicle movements/deliveries to and from the construction sites on weekdays (excluding public holidays) between 7am and 9am and between 4pm and 6pm unless included as part of a CTMP; and
- g) Processes for monitoring, and to enable review and amendment to the CTMP.

10 Old Pine Valley Road - Landscaping and Management Plan

B21. The Requiring Authority shall prepare a Landscaping and Management Plan (LMP) for replacement planting of the Temporary Occupation areas within the land identified as Pt Lot 5 DP 136559 and Sec 8 SO 315843 at 10 Old Pine Valley Road unless an alternative solution is otherwise agreed between the Requiring Authority and the

landowner of 10 Old Pine Valley Road. The Requiring Authority shall submit the LMP to the Team Leader North West Monitoring for certification that the LMP gives effect to the objectives in Condition B22 and complies with the requirements in Condition B23.

B22. The objectives of the LMP are to:

- a) Provide replacement planting to mitigate the adverse effects on the visual amenity of the road from occupants of the land at 10 Old Pine Valley Road (Pt Lot 5 DP 136559, Sec 7 SO 315843 and Sec 8 SO 315843.);
- b) Ensure that batter slopes within the land identified as Pt Lot 5 DP 136559 and Sec 8 SO 315843 at 10 Old Pine Valley Road are planted with low maintenance planting to avoid the need for mowing of grass on batter slopes greater than 1:4;
- c) Ensure appropriate finishing to a minimum of a grassed surface to all other Temporary Occupation areas within the land identified as Pt Lot 5 DP 136559, Sec 7 SO 315843 and Sec 8 SO 315843 at 10 Old Pine Valley Road; and
- d) Ensure “like for like” replacement fencing is provided

B23. The LMP shall include:

- a) A plan of the planted area detailing the proposed plant species, plant sourcing, plant sizes at time of planting, plant locations, density of planting, and timing of planting;
- b) The provision of replacement planting for all trees removed from the Temporary Land Occupation areas within the property at a number no less than three (3) PB40 size or greater plants for every plant greater than 1m in height;
- c) A programme of establishment and post establishment protection and maintenance (fertilising, weed removal/spraying, replacement of dead/poorly performing plants, watering to maintain soil moisture), incorporating a post planting maintenance programme of no less than two (2) years; and
- d) The provision of replacement fencing where removed as a result of the project along newly formed boundaries to a standard of a seven (7) wire post and batten fence.

B24. Subject to approval from the landowner the planting must be:

- a) undertaken within the first planting season (May to September) following the completion of the occupation period
- b) fully implemented in accordance with the certified LMP; and
- c) maintained for the duration of two years in accordance with the provisions of the certified LMP.

In the event that the landowner declines a reasonable request for access to implement the certified LMP, the requirement for the Requiring Authority to undertake the works in accordance with the certified LMP does not apply.

36 Old Pine Valley Road - Stock Yards, Stock Loading Ramp and Stock Truck Access

B25. The Requiring Authority shall prepare a Stock Yard and Access Plan (SYAP) for the land at 36 Old Pine Valley Road unless an alternative solution is otherwise agreed between the Requiring Authority and the landowner of 36 Old Pine Valley Road. The Requiring Authority shall submit the SYAP to the Council (Team Leader North West Monitoring) for certification that the SYAP gives effect to the objectives in Condition B26 and complies with the requirements in Conditions B27.

B26. The objectives of the SYAP are to:

- a) Ensure provisions for stock loading and unloading are available for the continued operation of the land for livestock farming use;
- b) Ensure that provisions for stock loading and unloading, including vehicle access crossing and gate are safe

B27. The SYAP shall include:

- a) Details of how a new stock yard, stock ramp and associated stock truck access will be provided to the "main parcel" of land at 36 Old Pine Valley Road.
- b) Details of the changes proposed to reposition the existing stock yard and stock ramp on the "severance parcel" of the land at 36 Old Pine Valley Road.

B28. Subject to agreement from the landowner to undertake the works, the certified SYAP must be fully implemented prior to the commencement of construction.

In the event that the landowner declines a reasonable request for access to implement the certified SYAP, the requirement for the Requiring Authority to undertake the works in accordance with the certified SYAP does not apply.

C. [deleted]

1480 Pine Valley Road South and Dairy Flat Highway

Designation Number	1480
Requiring Authority	Auckland Transport
Location	<p>Dairy Flat Highway from the edge of the Northern Motorway northbound Silverdale off-ramp to the intersection of Dairy Flat Highway and Pine Valley Road, continuing up Pine Valley Road to the northern property boundary of 1731 Dairy Flat Highway:</p> <ul style="list-style-type: none">• 1687 Dairy Flat Highway (Lot 1 DP 131154)• 1700 Dairy Flat Highway (Pt Lot 1 DP 68886)• 1731 Dairy Flat Highway (Sec 5 SO 315843, Sec 6 SO 315843, Pt Lot 1 DP 101886)• 1732 Dairy Flat Highway (Pt Lot 2 DP 68886)• The public road reserve on Pine Valley Road and Dairy Flat Highway
Lapse Date	12/11/2036

Purpose

Construction, operation and maintenance of a road, cycleways, pedestrian paths and associated infrastructure.

Conditions

A. Definition of Terms

A1. In these conditions:

- a) “adjacent properties” means the properties at:
- (i) 10 Old Pine Valley Road;
 - (ii) 36 Old Pine Valley Road;
 - (iii) 1687 Dairy Flat Highway,
 - (iv) 1700 Dairy Flat Highway;
 - (v) 1731 Dairy Flat Highway;
 - (vi) 1732 Dairy Flat Highway;
 - (vii) 1738 Dairy Flat Highway;
 - (viii) Pt Allot 16 SO 18072 Old Pine Valley Road;
 - (ix) Lot 2 480626, Dairy Flat Highway; and
 - (x) Sec 6 SO 308591, Dairy Flat Highway.
- b) “affected parties” means the owners and occupiers of the properties at:

- (i) 10 Old Pine Valley Road;
 - (ii) 36 Old Pine Valley Road;
 - (iii) 1687 Dairy Flat Highway,
 - (iv) 1700 Dairy Flat Highway;
 - (v) 1731 Dairy Flat Highway; and
 - (vi) 1732 Dairy Flat Highway.
- c) "Auckland Transport roadside bioretention planting guide" means the latest Auckland Transport roadside bioretention planting guideline or other endorsed Auckland Council bioretention planting guide;
- d) "certify", "certification" and "certified" in relation to plans or management plans means assessed by Council staff acting in a technical certification capacity, and in particular as to whether the document or matter is consistent with, or sufficient to meet, the conditions of this designation in terms of the matters set out in the conditions;
- e) "Commencement of Construction" means commencement of any construction works for the Project or (as the case requires) commencement of any construction works for a part or stage of the Project. For the avoidance of doubt, it excludes site investigations, fencing, and any activities that do not need resource consent/are permitted activities;
- f) "Requiring Authority" means Auckland Transport;
- g) "Council" means the Auckland Council;
- h) "Infrastructure" means the road, cycleway, footpath, bridge, stormwater management devices, underground services, stormwater outlets, culvert and related works to be constructed by Auckland Transport;
- i) "Mana Whenua" means the following identified mana whenua groups excluding those who don't wish to engage on any particular subject:
- (i) Ngāi Tai ki Tāmaki - Ngāi Tai ki Tāmaki Tribal Trust
 - (ii) Ngāi Tai ki Tāmaki - Manuhiri Kaitiaki Charitable Trust
 - (iii) Ngāti Maru - Ngāti Maru Rūnanga Trust
 - (iv) Ngāti Pāoa - Ngāti Paoa Iwi Trust
 - (v) Ngāti Pāoa - Ngāti Paoa Trust Board
 - (vi) Ngāti Te Ata - Te Ara Rangatu o Te Iwi o Ngāti Te Ata Waiohua
 - (vii) Ngāti Wai - Ngāti Wai Trust Board
 - (viii) Ngāti Whanaunga - Ngāti Whanaunga Incorporated
 - (ix) Ngāti Whātua o Kaipara - Ngā Maunga Whakahii o Kaipara Development Trust
 - (x) Ngāti Whātua Ōrākei - Ngāti Whātua Ōrākei Trust

- (xi) Te Ākitai Waiohūa - Te Ākitai Waiohūa Iwi Authority
 - (xii) Te Kawerau a Maki - Te Kawerau Iwi Settlement Trust
 - (xiii) Te Patukirikiri - Te Patukirikiri Iwi Incorporation
 - (xiv) Te Rūnanga o Ngāti Whātua - Te Rūnanga o Ngāti Whātua
- j) "Planting Season" means the period between May and September;
 - k) "Project" means the construction, operation and management of the Infrastructure;
 - l) "Team Leader North West Monitoring" means the Team Leader North West Monitoring for the time being of the Council's Licencing and Regulatory Compliance Department.

Management Plan Certification Process

- A2. Conditions A3 to A8 below shall apply to all Management Plans required by these conditions.
- A3. Management Plans shall be submitted to the Council (Team Leader North West Monitoring) for certification in writing. Management Plans shall be submitted at least twenty (20) working days prior to Commencement of Construction unless otherwise specified in the conditions. If the Council (Team Leader North West Monitoring) does not provide written certification or written notice of refusal to certify and recommended changes within twenty (20) working days the Management Plan shall be deemed certified.

Advice Note: Any preliminary works that are permitted activities can be undertaken prior to any Management Plan(s) being certified.
- A4. Management Plans may be submitted in parts or in stages to address particular activities or to reflect a staged implementation of the Project, and when provided in part or for a stage shall be submitted at least twenty (20) working days prior to commencement of construction of that part of the stage unless otherwise specified in the conditions. Management Plans submitted shall clearly show the linkage with plans for adjacent stages and interrelated activities.
- A5. Should the Council (Team Leader North West Monitoring) refuse to certify a Management Plan, or a part or stage of a Management Plan, in accordance with Condition A4 above, the Requiring Authority shall submit a revised Management Plan for certification as soon as practicable. The certification process shall follow the same procedures as outlined in Condition A3 above.
- A6. Any certified/deemed certified Management Plan may be amended, if necessary, to reflect any minor changes in design, construction methods or management of effects. Any amendments are to be discussed with and submitted to the Council (Team Leader North West Monitoring) in writing prior to implementation of the change. Where the Team Leader North West Monitoring determines in his or her discretion that those amendments once implemented would result in a materially different outcome to that described in the original plan Condition A7 shall apply.
- A7. Any changes to a certified/deemed certified Management Plan involving a materially different outcome under Condition A6 shall be submitted to the Council (Team

Leader North West Monitoring) to certify that they comply with the applicable requirements of these conditions. Any material change must be consistent with the objectives of the relevant Management Plan and the requirements of the relevant conditions of these designations. Where a Management Plan was prepared in consultation with affected parties, any material changes to that Plan shall be prepared in consultation with those same parties.

- A8. All works shall be carried out in general accordance with the certified/deemed certified Management Plans. No works shall commence until written certification of a Management Plan has been received or the Management Plan has been deemed certified, unless otherwise approved in writing by the Council (Team Leader North West Monitoring).

B. [deleted]

C. General Conditions

General conditions

- C1. This designation will lapse 15 years from being operative in the Auckland Unitary Plan: Operative in Part unless:
- a) It is given effect to before the end of that period; or
 - b) The territorial authority resolves that the Requiring Authority has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fixes a longer period to give effect to the designation.
- C2. The scope and extent of the Stage 1 works (including the horizontal and vertical alignment of the carriageway) within the designation shall be generally in accordance with the updated Revision G set of plans contained in Appendix E of the Notice of Requirement dated 16/04/2021, unless an outline plan is submitted under section 176A(1) of the Resource Management Act 1991.
- C3. Stage 2 works will require the submission of an Outline Plan under section 176A(1) of the Resource Management Act 1991 unless not required in accordance with section 176A(2)(a) or (c) of the Resource Management Act 1991.

Construction Environmental Management Plan

- C4. The Requiring Authority shall prepare a Construction Environmental Management Plan (CEMP) for the works. The Requiring Authority shall submit the CEMP to the Council (Team Leader North West Monitoring) for certification that the CEMP gives effect to the objectives in Condition C5 and complies with the requirements in Conditions C6 to C8.
- C5. The objectives of the CEMP are to:
- a) Ensure that the construction works remain within the limits and standards approved under the designation and identify construction methods to be undertaken in order to avoid, remedy or mitigate potential adverse effects arising from construction activities; and
 - b) Give effect to the objectives in the management plans listed in Condition C6.

- C6. The CEMP shall incorporate or refer to the following management plans and documents:
- a) Construction Noise and Vibration Management Plan (CNVMP);
 - b) Earthworks Management Plan;
 - c) Accidental Discovery Protocol; and
 - d) Construction Traffic Management Plan (CTMP).
- C7. The CEMP shall provide details of the responsibilities, reporting frameworks, coordination and management required for effective site management. The CEMP shall provide information on the following matters:
- a) Construction quality assurance;
 - b) Construction works programming including:
 - (i) An outline construction programme; and
 - (ii) Confirmation of the proposed staging and sequence of construction;
 - c) Site management; and
 - d) Consultation and communications, including the methods for communicating and consulting with the adjacent or affected parties.
- C8. All personnel working on the site shall be made aware of the requirements contained in the CEMP. A copy of the certified CEMP shall be held on the site at all times while any activity associated with construction is occurring. The certified CEMP shall be implemented and maintained throughout the entire period of the works.

Construction Quality Assurance

- C9. This part of the CEMP requires the establishment of management frameworks, systems and procedures to ensure quality management of all on-site construction activities and compliance with the conditions of this designation. This section shall provide details on the following:
- a) Contact details of the contractor's site supervisor or project manager and the Requiring Authority's Project Liaison Person (phone, postal address, email address);
 - b) Confirmation of the construction methodology, including for permanent and temporary structures;
 - c) Methods and systems to inform and train all persons working on the site of potential environmental issues and how to avoid, remedy, or mitigate any potential adverse effects;
 - d) Procedures for ensuring that residents, businesses, network utility operators and road users in the immediate vicinity of construction areas are given prior notice of the Commencement of Construction and are informed about the expected duration and effects of the work;
 - e) Procedures for responding to, recording and reporting complaints about construction activities;

- f) Means of providing for the health and safety of the general public;
- g) Measures to be adopted to maintain the land affected by the works in a tidy condition in terms of disposal/storage of rubbish, storage and unloading of construction materials and similar construction activities;
- h) Procedures for controlling sediment run-off, dust and the removal of soil, debris, demolition and construction materials (if any) from public roads or places adjacent to the work site/s;
- i) Measures to manage the potential impacts of construction lighting on residents and on local fauna;
- j) Procedures for the refuelling, cleaning, maintenance and storage of plant and equipment, and measures to avoid discharges of contaminants from these activities;
- k) Measures to address the storage of fuels, lubricants, hazardous and/or dangerous materials, along with contingency procedures to address emergency spill response(s) and clean up;
- l) Procedures for incident management, monitoring and reporting including review and corrective and preventative action;
- m) Site clean-up following completion of works, including removal of construction materials, temporary structures;
- n) Maintenance of plant in a good state of repair so as not to produce excessive fumes or leakage of contaminants when parked or in operation; and
- o) Measures to monitor and minimise discharges of dust so that any offensive or objectionable effects are immediately identified and are mitigated.

Construction Works Programme

C10. This part of the CEMP is to ensure that the requiring authority has prepared a Stage 1 programme of works that will enable the Infrastructure and all other associated land based works, to be constructed in a manner that is timely, adequately co-ordinated and minimises the adverse effects of construction. This section shall, among other matters, provide details of the Stage 1 programme for the construction works.

Construction Noise and Vibration Management Plan

C11. The requiring authority shall prepare a Construction Noise and Vibration Management Plan (CNVMP) for the proposed works. At least five (5) working days prior to Commencement of Construction, the Requiring Authority shall submit the CNVMP to the Council (Team Leader North West Monitoring) for certification that the CNVMP gives effect to the objectives in Condition C12 and complies with the requirements in Condition C13.

C12. The objectives of the CNVMP are to:

- a) Identify and implement the Best Practicable Option (BPO) for the management of all construction noise and vibration effects;
- b) Define the procedures to be followed where the noise and vibration standards (Conditions C14 & C15) are not met (following the implementation of the BPO);

- c) Set out the methods for scheduling works to minimise disruption; and
- d) Ensure engagement with affected receivers and timely management of complaints.

C13. The CNVMP shall include:

- a) A description of the works;
- b) Hours of operation, including a specific section on works at night (2230h - 0700h), incorporating clear definitions of the works undertaken at night (if any);
- c) Contact details for staff responsible for implementation of the CNVMP;
- d) The construction noise and vibration performance standards for the project;
- e) General construction practices, management and mitigation;
- f) Minimum separation distances from receivers for plant and machinery where compliance with the construction noise and vibration standards is achieved;
- g) Identification of affected sensitive receivers where noise and vibration performance standards apply;
- h) A specific section setting out the predicted noise and/or vibration levels, mitigation, monitoring and management measures (including communication with stakeholders and use of temporary noise barriers) that will be adopted for works which cannot comply with the project standards specified in Conditions C14 and C15; and
- i) A communication, consultation and complaints response protocol including specific provisions for determining the times that receivers are sensitive to noise and vibration and the extent to which high noise and vibration works can be scheduled around those times where practicable (including residential activities).

C14. Construction noise shall be measured and assessed in accordance with the provisions of New Zealand Standard NZS 6803: 1999 "Acoustics - Construction Noise" and comply with the following Project Standards unless otherwise provided for in any CNVMP (refer Condition 14):

Time of Week	Time Period (hrs)	Noise Limits	
		dB LAeq	dB LAFmax
Building with activities sensitive to noise			
Weekdays	0630 – 0730	55	70
	0730 – 1800	70	85
	1800 – 2000	65	80
	2000 – 0630	40	70
Saturdays	0730 – 1800	70	85
	1800 – 0730	40	70

Sundays and public holidays	0730 – 1800	50	80
	1800 – 0730	40	70
Building with all other activities			
All days	0730 – 1800	70	-
	1800 – 0730	75	-

Advice Note

The CNVMP required by C11 authorises noise levels exceeding those set out in condition C14. The noise limits applying in condition C14 that apply between 1800 and 0730 on any day may only be exceeded by works that cannot be completed between 0730 and 1800 for practical reasons related to avoiding unreasonable traffic congestion during the day, or similar. These noise limits may not be exceeded for reasons related to shortening the construction timeframe or for making up lost time.

- C15. Where practical, construction vibration must comply with the vibration limits set out in the following Table A.

Table A – Construction Vibration Standards – Amenity:

Receiver	Time	Peak Particle Velocity Limit millimetres/second
Occupied activities sensitive to noise*	2200h-0700h	0.3mm/s PPV
	0700h-2200h	2mm/s PPV
Other occupied buildings	All times	2mm/s PPV

*Any dwelling, visitor accommodation, boarding house, marae, papakāinga, integrated residential development, retirement village, supported residential care, care centres, lecture theatres in tertiary education facilities, classrooms in education facilities and healthcare facilities with an overnight stay facility.

- a) Where compliance is not achievable following the adoption of the Best Practicable Option, the process in C15 b) must be applied. Construction vibration shall be measured and assessed in accordance with DIN4150-3:1999.
- b) If measured or predicted vibration from construction activities exceeds the limits of Table A, the Requiring Authority shall consult with the affected receivers to:
 - (i) Discuss the nature of the work and the anticipated days and hours when the exceedances are likely to occur; and
 - (ii) Determine whether the exceedances could be timed or managed to reduce the effects on the receiver.

The Requiring Authority shall maintain a record of these discussions and make them available to the Council on its request.

- C16. Construction vibration must comply with the vibration limits set out in the following Table B at all buildings and at all times.

Table B – Construction Vibration Standards – Building Damage

Type of Structure	Short-term Vibration*			Long-term Vibration	
	Peak particle velocity (PPV) on foundation, mm/s			PPV at horizontal plane of highest floor at all frequencies	PPV at horizontal plane of highest floor at all frequencies
	1 Hz-10 Hz	10 Hz-50Hz	50Hz-100 Hz		
Building used for commercial purposes, industrial buildings	20 mm/s	20-40 mm/s	40-50 mm/s	40 mm/s	10 mm/s
Dwellings and buildings of similar design and/or occupancy	5 mm/s	5-15 mm/s	15-20 mm/s	15 mm/s	5 mm/s
Structures that, because of their particular sensitivity to vibration, cannot be classified under the above two rows and are of great intrinsic value	3 mm/s	3-8 mm/s	8-10 mm/s	8 mm/s	2.5 mm/s

*Vibration that does not occur often enough to cause material fatigue and whose development over time and duration is not suitable for producing a significant increase in vibration due to resonance in the particular structure.

Accidental Discovery Condition

- C17. The accidental discovery rules in the Auckland Unitary Plan: Operative in Part apply for the discovery of sensitive material, including human remains and kōiwi, archaeological sites, Maori cultural artefacts/taonga tūturu and lava caves greater than 1 m in diameter.

Traffic Management Plan

- C18. The requiring authority shall prepare a Construction Traffic Management Plan (CTMP). At least twenty (20) working days prior to commencement of construction, the Requiring Authority shall submit the CTMP to the Council (Team Leader North West Monitoring) for certification that the CTMP gives effect to the objectives in Condition C19 and complies with the requirements in Condition C20.

C19. The objectives of the CTMP are to:

- a) Provide for the safety of everyone at all times;
- b) Ensure best practicable measures are undertaken to maintain access at all times to/from adjacent properties;
- c) Minimise disruption from construction traffic on occupants of adjacent properties;
- d) Provide for prior engagement with stakeholders when access to properties will be affected by construction traffic; and
- e) Provide a mechanism for addressing queries and responding to complaints.

C20. The CTMP shall include:

- a) For each Project stage and/or construction area, the traffic management measures that will be required to be implemented;
- b) A mechanism and nominated stakeholder manager who is responsible for receiving, addressing and monitoring queries and responding to complaints in relation to the construction works;
- c) Provision of appropriate ingress and egress routes to/from the site for the construction vehicles, including confirmation of appropriate heavy vehicles layover areas and over-dimensional vehicle routes. The operation of the heavy vehicles layover area shall not impede the travel of passing vehicles and cyclists;
- d) Confirmation of typical numbers of heavy vehicle movements throughout the day;
- e) Restrictions on parking for workers on construction sites, with parking prioritised for minor trades (i.e. those needing to bring tools for specialist activities), car/van pooling, staff working outside standard hours and mobility impaired staff/visitors;
- f) Restrictions on heavy vehicle movements/ deliveries to and from the construction sites on weekdays (excluding public holidays) between 7am and 9am and between 4pm and 6pm unless included as part of a CTMP; and
- g) Processes for monitoring, and to enable review and amendment to the CTMP.

Attachments

No attachments.