

TO Peter Vari, Acting Manager – Planning Regional, North, West, and Islands

FROM Alison Pye, Senior Planner, Planning Regional, North, West, and Islands

DATE 25 February 2026

SUBJECT **Update requested to the Auckland Unitary Plan (Operative in Part 2016) (AUP)**

I request an update to the AUP as outlined below:

Reason for update	Designation confirmed
Chapter(s)	Chapter K: Designations and Schedules Auckland Transport AUP GIS Viewer
Designation only	
Designation # 14108	New connection between Milldale and Grand Drive
Locations:	Between Wainui Road in Milldale and Grand Drive in Upper Ōrewa
Lapse Date	In accordance with section 184(1)(c) of the RMA, this designation shall lapse if not given effect to within 30 years from the date on which it is included in the AUP.
Purpose	The construction, operation and maintenance of an arterial transport corridor and associated facilities.
Changes to text (shown in underline and strikethrough)	New Designation text in Auckland Transport North West schedule and designations Refer: Attachment 2 – Environment Court Decision [new designation text is contained in Appendix B of that decision] and Attachment 3
Changes to diagrams	N/A
Changes to spatial data	Update GIS Viewer as set out below: • Modification Layer (to be removed) ~~Modification~~ ~~Notice of Requirement 6: New connection between Milldale and Grand Drive (NOR 6)~~ • Designation Layer (to be added) New connection between Milldale and Grand Drive (Auckland Transport) Refer Attachment 1 RA Decision and Attachment 5.
Attachments	Attachment 1 RA Decision Attachment 2 Environment Court Decision

	Attachment 3 Auckland Transport North West Schedule and designation 14108 New connection between Milldale and Grand Drive (Strikethrough/Underscore) Attachment 4 Auckland Transport North West Schedule and designation 14108 New connection between Milldale and Grand Drive (Clean) Attachment 5 AUP GIS Viewer Auckland Transport designation 14108 New connection between Milldale and Grand Drive (Before/After)

Maps prepared by: Aching Konyak Geospatial Specialist	Text Entered by: Bronnie Styles Planning Technician
Signature: 	Signature: 
Prepared by: Alison Pye Senior Policy Planner	Reviewed by: Peter Vari Team Leader
Signature: 	Signature: 
Authorised by: Peter Vari Acting Manager Planning	
Signature: 	

Attachment 1
Auckland Transport Decision

9 December 2024

Alison Pye
Senior Policy Planner
Auckland Council
Private Bag 92300
Victoria Street West
Auckland 1142

Dear Alison,

NOTICE OF DECISION OF AUCKLAND TRANSPORT UNDER SECTION 172 OF THE RESOURCE MANAGEMENT ACT 1991

Thank you for the recommendations received on 8 November 2024 from the Auckland Council Independent Hearing Commissioners in relation to the nine Auckland Transport (**AT**) Notices of Requirement (**NoRs**) that comprise the North Projects:

- NoR 5 – New SH1 crossing at Dairy Stream
- NoR 6 – New Connection between Milldale and Grand Drive
- NoR 7 – Upgrade to Pine Valley Road
- NoR 8 – Upgrade to Dairy Flat Highway between Silverdale and Dairy Flat
- NoR 9 – Upgrade to Dairy Flat Highway between Dairy Flat and Albany
- NoR 10 – Upgrade to Wainui Road
- NoR 11 – New connection between Dairy Flat Highway and Wilks Road
- NoR 12 – Upgrade and Extension to Bawden Road
- NoR 13 – Upgrade to East Coast Road between Silverdale and Redvale Interchange

The Commissioners' recommendation was that the nine Notices of Requirement should be confirmed subject to conditions.

Pursuant to section 172 of the Resource Management Act 1991, AT accepts the Commissioners' recommendation that the Notices of Requirement should be confirmed and **accepts in part and rejects in part** the Commissioners' recommendations on conditions of the Notices of Requirement.

Table 1 below sets out:

- The Commissioners' recommended conditions which are rejected or partially accepted, along with the reasons for AT's decision; and
- Other modifications that AT has made to the conditions for consistency, clarity and ease of implementation.

Only those recommended conditions that AT has modified are outlined in Table 1 below (shown in **bold strikethrough** for deletions and **bold underline** for additions).



A schedule of amendments that have been made to the proposed designation boundaries since lodgement is contained in the Closing Legal Submissions.¹ All of those changes are adopted for the purposes of this decision and the final designation boundaries for each NoR have been updated on the GIS files.

Complete clean sets of the designation conditions reflecting this decision are attached to this letter as **Appendices A – I**. These clean condition sets include the changes set out in the table below, as well as formatting changes (including rearranging the order and numbering of conditions) and minor non-substantive changes (such as capitalisations) which have not been tracked in the table below.

Yours sincerely

A handwritten signature in black ink, appearing to read 'Jane Small', is positioned below the 'Yours sincerely' text.

Jane Small

Group Manager, Strategic Development Programmes & Property
Infrastructure & Place

¹ Closing legal submissions of Requiring Authority, dated 9 August 2024, at Appendix E.

Modifications made by Auckland Transport to conditions recommended by the Hearing Commissioners for Notices of Requirement 5 - 13

Designation	Relevant Condition	Modifications made by Auckland Transport to conditions recommended by the Hearing Commissioners (additions to conditions are in bold and underlined and rejections are in bold and strikethrough)	Reason for modifications (or rejection of recommendations)
All	Land use Integration Process	... (c) Information requested or provided under Condition ~~32~~(b) above may include but not be limited to the following matters: (i) design details including but not limited to: A. boundary treatment (e.g. the use of retaining walls or batter slopes); B. the horizontal and vertical alignment of the road (levels); C. potential locations for mid-block crossings; D. integration of stormwater infrastructure; and E. traffic noise modelling contours. (ii) potential modifications to the extent of the designation in response to information received through Condition ~~32~~(b)(ii); ...	Reject amendment to cross-referencing The Panel has recommended changing the cross-references in clause (c) to refer to the Project Information condition. AT rejects this change as the cross-referencing is intended to be an internal cross-reference to the Land use Integration Process condition.
All <u>NoRs 5, 6 and 12</u>	Designation Review	Pre-construction review <u>If the land adjacent to the designation is re-zoned from Future Urban or any live urban zone to any rural zone (once made operative in the Auckland Unitary Plan), the Requiring Authority shall review the extent of the designation.</u> <u>In carrying out this review, the Requiring Authority shall:</u> (i) <u>Consider the implications of any zoning change and integration of land use with the transport network in the North Growth Area;</u> (ii) <u>Identify whether any areas of designated land are no longer required for the construction, operation, maintenance or mitigation of effects of the project; and</u> (iii) <u>Consider whether the boundaries of the designation require modification in accordance with section 182 of the RMA.</u> (a) ~~The Requiring Authority shall, at five (5) yearly intervals from the confirmation of the designation, undertake a review of the designation. The purpose of the review is to enable areas of designated land to be removed from the designation if identified as being no longer required, and to keep stakeholders updated on progress with implementation of the project.~~ (b) ~~The five-yearly reviews shall:~~ (i) ~~include a review of the extent of the designation to identify any areas of designated land that are no longer required for the designation (to be formalised via section 182 of the RMA);~~ (ii) ~~provide an update on the progress or effort made to give effect to the designation and the anticipated date for implementation; and~~ (iii) ~~be made publicly available on the Requiring Authority's website and be made available to the Council and the Rodney Local Board.~~ Post-construction review	Accept in part pre-construction review condition The Panel has recommended splitting out this condition so that there is a pre- and post- construction review of the designation. AT accepts this recommendation in part, but has proposed alternative wording for this condition, to apply to NoRs 5, 6 and 12 only. AT has proposed a review of the extent of the designations for new or partially new AT corridors (NoRs 5, 6 and 12) if the zoning of the land adjacent to the designation changes from future urban or urban zoning to rural zoning and such changes are made operative in the Auckland Unitary Plan. This is considered an appropriate trigger for a review of long-term designations of 30 years and in the context of these new corridors. No pre-construction review is proposed for NoR 11 as that is a 25 year designation. NoR 11 also facilitates movement to a SH1 interchange, joining two fixed points; therefore a down-zoning from future urban to rural is unlikely to require a pre-construction review of the designation. AT rejects the Panel's recommendation for a five yearly review on all designations on the basis that such a review is unnecessary, consistent with the position outlined in Closing Legal Submissions². In particular, AT notes that: - The requirement to undertake such reviews across all designations (including others within the region) would be a costly and inefficient imposition on public funds that could otherwise be allocated to priority projects. - There is already a statutory mechanism that requires AT to review the accuracy, need, relevance, and appropriateness of the designations every 10 years as part of the Council plan review process (Section 79 and clause

² Closing legal submissions of Requiring Authority, dated 9 August 2024, at [4.10] – [4.13]

Designation	Relevant Condition	Modifications made by Auckland Transport to conditions recommended by the Hearing Commissioners (additions to conditions are in bold and underlined and rejections are in bold and strikethrough)	Reason for modifications (or rejection of recommendations)
		(c) As soon as reasonably practicable following Completion of Construction, ~~but no later than six (6) months~~, the Requiring Authority shall: (i) review the extent of the designation to identify any areas of designated land that it no longer requires for the on-going operation, maintenance or mitigation of effects of the Project; and (ii) give notice to the Manager in accordance with section 182 of the RMA for the removal of those parts of the designation identified above.	4(1) of Schedule 1 of the RMA). These provisions are an appropriate mechanism for a Requiring Authority to consider the need for a designation and they also allow the public to have their say through the plan notification and submission process. • Section 182 of the RMA also sets out the process for removing a designation which may be initiated at any time. • The lapse periods are based on long-term implementation timeframes and a five-yearly periodic review could create an expectation for a shorter timeframe than is the case. • There is no such condition proposed on any other designation in the AUP:OP. • The Project website will provide landowners, occupiers and the community with updates on the Projects. In addition, the Project Information condition provides for AT to identify at ten yearly intervals appropriate methods with the relevant Local Board(s) to inform the wider community of the Project status; and raise awareness of the Project website. • The Land use Integration Process condition provides for engagement with a Developer or Development Agency regarding potential modifications to the extent of the designation in response to information received regarding master planning or land development details that will assist with land use integration. Reject six-month timeframe for Post-construction review AT rejects the reinstatement of the six-month timeframe which was removed in the conditions attached to Mr Scafton's primary evidence. The condition needs to retain some flexibility as the roll back process may be subject to third party actions and other external factors that could impact the timeframe.
NoRs 7, 8, 9, 10, 11, 13	Designation Review	Pre-construction review (a) ~~The Requiring Authority shall, at five (5) yearly intervals from the confirmation of the designation, undertake a review of the designation. The purpose of the review is to enable areas of designated land to be removed from the designation if identified as being no longer required, and to keep stakeholders updated on progress with implementation of the project.~~ (b) ~~The five-yearly reviews shall:~~ (i) ~~include a review of the extent of the designation to identify any areas of designated land that are no longer required for the designation (to be formalised via section 182 of the RMA);~~ (ii) ~~provide an update on the progress or effort made to give effect to the designation and the anticipated date for implementation; and~~ (iii) ~~be made publicly available on the Requiring Authority's website and be made available to the Council and the Rodney Local Board.~~ Post-construction review (a) As soon as reasonably practicable following Completion of Construction, ~~but no later than six (6) months~~, the Requiring Authority shall: (i) review the extent of the designation to identify any areas of designated land that it no longer requires for the on-going operation, maintenance or mitigation of effects of the Project; and	See above.

Designation	Relevant Condition	Modifications made by Auckland Transport to conditions recommended by the Hearing Commissioners (additions to conditions are in bold and underlined and rejections are in bold and strikethrough)	Reason for modifications (or rejection of recommendations)
		(ii) give notice to the Manager in accordance with section 182 of the RMA for the removal of those parts of the designation identified above.	
All	General Section 176 Approval	(a) Prior to the start of the formal acquisition process under the Public Works Act 1981 for a property, or submission of the Outline Plan, persons on properties zoned Rural or Future Urban will not require written consent under section 176 of the RMA for the following activities: (i) Internal alterations; (ii) Repair of existing utility services repairs; (iii) One extension to an existing structure as at 2023, up to 30m²; (iv) Temporary or relocatable structures, provided they are removed from the site and the land is reinstated (including closing and capping any associated services) at the landowner's expense prior to the start of Construction Works. The landowner shall be responsible for any resource consent required for the structures, their removal or relocation, (b) To the extent that a record of written approval is required for the activities listed above, this condition shall constitute written approval.	Accept in part the inclusion of “utility repairs” The Panel has recommended inclusion of ‘utility repairs’ to this condition on the basis that the NZTA website includes reference to this as a type of work for which s 176 approval would not be required. AT notes that the precise wording on the NZTA website is ‘repair of existing utility services’. AT therefore accepts the inclusion of wording that aligns with the NZTA website on the basis that it is appropriate for these small-scale and existing activities to be provided for.
All	Flood Hazard	For the purpose of Condition 10: ... (c) Flood prone area – means potential ponding areas that may flood in a 1% AEP event and commonly comprise of topographical depression areas. The areas can occur naturally or as a result of constructed features. Identification of a potential Flood Prone Area would be by an assessment of residual flood risk in a 1% AEP event (e.g. from blockage of the Project stormwater network) on land outside and adjacent to the designation following the application of Conditions (10)(a)(i) – (iv); ...	Reject amendment to definition of flood prone area The Panel has recommended an amendment to the definition of ‘flood prone area’ to delete a reference to “in a 1% AEP event”. AT rejects this proposed change, for the reasons explained in the Requiring Authority’s Memorandum in response to Direction 6³ i.e. removing reference to the 1% AEP event would lead to uncertainty as to what flood events the condition would apply to.
All	Flood Hazard	(a) The Project shall be designed to achieve the following flood risk outcomes beyond the boundary of the designation: (i) no increase in flood levels in a 1% AEP event for Existing Authorised Habitable Floors that are already subject to flooding or have a freeboard less than 500mm; (ii) no increase in flood levels in a 1% AEP event for authorised community, commercial, industrial and network utility building floors existing at the time the Outline Plan is submitted that are already subject to flooding or have a freeboard less than 300mm; (iii) maximum of 50mm increase in flood water levels in a 1% AEP event outside and adjacent to the designation boundaries between the Pre-Project Development and Post-Project Development scenarios; (iv) no new flood prone areas; and (v) no increase of Flood Hazard class for the main access to authorised habitable dwellings existing at the time the Outline Plan is submitted. The assessment shall be undertaken for the 1% AEP rainfall event and reference the hazard class in accordance with Schedule X to these conditions. (b) Compliance with this condition shall be demonstrated in the Outline Plan, which shall include flood modelling of the Pre-Project Development and Post-Project Development 1% AEP flood levels (for Maximum Probable Development land use and including with allowances for climate change). (c) Where: (i) the flood risk outcomes in (a) can be achieved through alternative measures outside of the designation such as flood stop banks, flood walls, raising Existing Authorised Habitable Floor level and new overland flow paths or	Amendments by AT Amendments to improve wording and clarity. The reference to “Council” has also been amended to “Manager” for consistency across conditions and to provide more certainty as to who information is provided to, as explained in the Closing Legal Submissions.⁴

³ Memorandum of Counsel in response to Direction 6 of the Panel, dated 27 August 2024, at [5.2] – [5.3].

⁴ Closing legal submissions of Requiring Authority, dated 9 August 2024, at [14.76].

Designation	Relevant Condition	Modifications made by Auckland Transport to conditions recommended by the Hearing Commissioners (additions to conditions are in bold and underlined and rejections are in bold and strikethrough)	Reason for modifications (or rejection of recommendations)
		(ii) the outcomes are varied at specific location(s) through agreement with the relevant landowner, confirmation shall be provided to the Council Manager that any necessary landowner agreement and statutory approvals have been obtained for that alternative measure or varied outcome.	
NoRs 5, 6 and 11 All	Overland Flow Paths	Where the Project modifies an Overland Flow Path by either: - diverting the entry or exit point at the designation boundary; or - piping, or reducing its capacity; the design shall provide for the continued passage of flow in a manner which manages potential effects upstream and downstream of the modified Overland Flow Path.	Reject application of condition to all NoRs The Panel has recommended that AT applies the Overland Flow Path condition to all NoRs, not just NoRs 5, 6 and 11. AT rejects this change for the reasons detailed in the Requiring Authority's Memorandum in response to Direction 6 ⁵ and notes in particular: - The AUP provides an exclusion for road network activities in existing roads in relation to rules and standards for overland flow paths. This exclusion does not apply prior to new roads being formalised, being NoRs 5, 6 and 11. - It is inappropriate for this condition to extend to existing roads that are subject to that exclusion and AT notes that Healthy Waters agreed with AT's approach.
All	Management Plans	(a) Any management plan shall: ... (iv) be submitted as part of an Outline Plan pursuant to section 176A of the RMA for Certification , with the exception of SCEMPs and CNVMP Schedules; ... (d) If there is a material change required to a management plan which has been submitted with an Outline Plan, the revised part of the plan shall be submitted to the Manager as an update to the Outline Plan or for Certification as soon as practicable following identification of the need for a revision; ...	Reject requirement to certify management plans The Panel has recommended certification of management plans for all NoRs (with the exception of SCEMPs). AT rejects this change for the following reasons, consistent with the Chair's view in the Recommendation Report and as detailed in Mr Scafton's primary evidence and Closing Legal submissions: ⁶ - Under the RMA, the two-step outline plan process is intentionally different to the resource consenting process, which has no similar subsequent statutory oversight once resource consents are granted. A requirement for certification would be inconsistent with the final decision-making powers of a requiring authority under the RMA. - Council will already be involved in the outline plan process, for which they have a duty to make recommendations within 20 working days. An appeals process is also available to Council, should it be required. - Certification does not add any more robustness but has the potential to hold up implementation of the Projects.
All	Stakeholder Communication and Engagement Management Plan (SEMP)	(a) A SEMP shall be prepared in consultation with relevant Stakeholders prior to the Start of Construction. The objective of the SEMP is to identify how the public and Stakeholders will be engaged with throughout the Construction Works. (b) To achieve the objective, the SEMP shall include: - a list of Stakeholders; ~~a list of properties within the designation which the Requiring Authority does not own or have occupation rights to;~~ ~~methods to engage with Stakeholders and the owners of properties identified in (b)(ii) above;~~ - the contact details for the Project Liaison Person. These details shall be on the Project website, or equivalent virtual information source, and prominently displayed at the main entrance(s) to the site(s); ...	Accept deletion of clauses The Panel recommended deleting clauses (b)(ii) and (b)(iii) from the SEMP condition. This change was proposed in Closing Legal Submissions ⁷ and was omitted from the conditions in error. AT therefore accepts this recommendation and has shown the deletion to the left in italics for clarity.
All	Urban and Landscape Design	...	Amendment by AT Amendment to improve clarity of wording.

⁵ Memorandum of Counsel in response to Direction 6 of the Panel, dated 27 August 2024.

⁶ Scafton Primary Evidence, at [10.5]-[10.37] (p 67-68); Closing legal submissions of Requiring Authority, dated 9 August 2024, at [14.20] – [14.24].

⁷ Closing legal submissions of Requiring Authority, dated 9 August 2024, at [26.9] and [26.10].

Designation	Relevant Condition	Modifications made by Auckland Transport to conditions recommended by the Hearing Commissioners (additions to conditions are in bold and underlined and rejections are in bold and strikethrough)	Reason for modifications (or rejection of recommendations)																			
	Management Plan (ULDMP)	(b) Mana Whenua shall be invited to participate in the development of the ULDMP(s) to provide input into relevant cultural landscape and design matters including how desired outcomes for management of potential effects on cultural sites, landscapes and values identified and discussed in ~~accordance with the Cultural Advisory Report~~ in Condition 15 may be reflected in the ULDMP. ...																				
All	Urban and Landscape Design Management Plan (ULDMP)	(a) To achieve the objective set out in Condition 16 the ULDMP(s) shall provide details of how the project: ... ~~(vi) will address the outcomes and relevancy of recommendations and opportunities contained in the Te Tupu Ngātahi Urban Design Evaluation 2023, including the Outcomes and Opportunities Plans, in developing the detailed design response.~~ (b) The ULDMP shall be prepared in general accordance with: (i) Auckland Transport's Urban Roads and Streets Design Guide, or any subsequent or updated version; (ii) New Zealand Transport Agency Urban Design Guidelines: Bridging the Gap (2013) or any subsequent updated version; (iii) New Zealand Transport Agency Landscape Guidelines (2018) or any subsequent updated version; (iv) New Zealand Transport Agency P39 Standard Specification for Highway Landscape Treatments (2013) or any subsequent updated version; and (v) Auckland's Urban Ngahere (Forest) Strategy or any subsequent updated version. ...	Reject new clause to refer to the Urban Design Evaluation (UDE) The Panel has recommended the addition of a new clause to the ULDMP condition to refer to the Urban Design Evaluation (UDE) lodged with the Assessment of Environmental Effects, including the outcomes and opportunities plans. AT rejects this change. As explained by Mr Foster in his primary evidence, the proposed conditions already address the core recommendations contained in the UDE assessment. ⁸ Accept amendment to clause (b)(i) The Panel has also recommended making reference to 'any subsequent or updated version' of AT's Urban Roads and Streets Guide in the ULDMP condition. AT accepts this amendment, which reflects that this document may be updated or superseded in the future.																			
All	Construction Vibration Standards	... Table 24.1 Construction Vibration Standards <table border="1"> <thead> <tr> <th>Receiver</th><th>Details</th><th>Category A*</th><th>Category B*</th></tr> </thead> <tbody> <tr> <td rowspan="2">Occupied activities sensitive to noise</td><td>Night-time 2000h - 0630h</td><td>0.3mm/s ppv</td><td>~~2~~4mm/s ppv</td></tr> <tr> <td>Daytime 0630h - 2000h</td><td>2mm/s ppv</td><td>5mm/s ppv</td></tr> <tr> <td>Other occupied buildings</td><td>Daytime 0630h - 2000h</td><td>2mm/s ppv</td><td>5mm/s ppv</td></tr> <tr> <td>All other buildings</td><td>At all other times</td><td colspan="2">Tables 1 and 3 of DIN4150-3:1999</td></tr> </tbody> </table> * Category A criteria adopted from Rule E25.6.30.1 of the AUP ** Category B criteria based on DIN 4150-3:1999 building damage criteria for daytime ...	Receiver	Details	Category A*	Category B*	Occupied activities sensitive to noise	Night-time 2000h - 0630h	0.3mm/s ppv	~~2~~ 4mm/s ppv	Daytime 0630h - 2000h	2mm/s ppv	5mm/s ppv	Other occupied buildings	Daytime 0630h - 2000h	2mm/s ppv	5mm/s ppv	All other buildings	At all other times	Tables 1 and 3 of DIN4150-3:1999		Reject amendment to construction vibration standards The Panel has recommended that the Category B construction vibration standards during the night-time for occupied activities sensitive to noise be amended from 2 mm/s ppv to 1 mm/s ppv, to be consistent with the NZTA standards. AT rejects this change for the reasons explained in Closing Legal Submissions ⁹ and particularly notes: - The vibration standards for AT and NZTA are derived from different standards which reflects the fact that they are two different requiring authorities that operate under different standards and guidelines. - The AT standard of 2 mm/s ppv is taken from the AUP, which uses this value as the amenity criterion for night-time works. - The amendment is unnecessary as in practice the outcome for receivers will be the same and it is merely a question of what level will trigger a Schedule to be prepared.
Receiver	Details	Category A*	Category B*																			
Occupied activities sensitive to noise	Night-time 2000h - 0630h	0.3mm/s ppv	~~2~~ 4mm/s ppv																			
	Daytime 0630h - 2000h	2mm/s ppv	5mm/s ppv																			
Other occupied buildings	Daytime 0630h - 2000h	2mm/s ppv	5mm/s ppv																			
All other buildings	At all other times	Tables 1 and 3 of DIN4150-3:1999																				
All	Schedule to a CNVMP	(a) A Schedule to the CNVMP (Schedule) shall be prepared prior to the ~~start of the construction~~ start of the construction of an activity to which it relates by a Suitably Qualified Person, in consultation with the owners and occupiers of sites subject to the Schedule, when: ...	Amendment by AT Amendment to improve wording.																			
All	Pre-Construction Ecological Survey	(a) At the start of detailed design for a Stage of Work, an updated ecological survey shall be undertaken in the relevant geographic area by a Suitably Qualified Person. The purpose of the survey is to inform ecological management by: (i) confirming whether the species of value within the Identified Biodiversity Areas recorded in the Identified Biodiversity Area Schedule X are still present; and	Amendment by AT Amendment to clarify that the appropriate survey area will depend on the relevant Stage of Work, as determined by a Suitably Qualified Person. AT also amends clause (a)(ii) to improve drafting and clarify that the ecological survey is required																			

⁸ Foster Primary Evidence, at [7.13] and Appendix C.

⁹ Closing legal submissions of Requiring Authority, dated 9 August 2024, at [14.48] – [14.54].

Designation	Relevant Condition	Modifications made by Auckland Transport to conditions recommended by the Hearing Commissioners (additions to conditions are in bold and underlined and rejections are in bold and strikethrough)	Reason for modifications (or rejection of recommendations)
		(ii) confirming whether the project will or may is likely to have a moderate or greater level of ecological effect on ~~ecological~~ species of value (prior to implementation of impact management measures). The level of effect shall be determined in accordance with Table 10 of the EIANZ guidelines (or subsequent updated version of that table) as included in Schedule X to these conditions. (b) If the ecological survey confirms the presence of ecological species of value in accordance with Condition 28(a)(i) and that effects are likely in accordance with Condition 28(a)(ii) then an Ecological Management Plan (or Plans) shall be prepared in accordance with Condition 29 for these areas (Confirmed Biodiversity Areas).	to confirm whether the project is likely to have a moderate or greater level of effect.
All	Ecological Management Plan (EMP)	(a) An EMP shall be prepared for any Confirmed Biodiversity Areas (confirmed through Condition 28) prior to the Start of Construction for a Stage of Work. The objective of the EMP is to minimise effects of the Project on the ecological features of value ~~of~~ Confirmed Biodiversity Areas as far as practicable. ~~(b) To achieve the objective, the EMP shall set out the methods which may include:~~	Amendment by AT Amendments improve clarity of wording including to delete clause (b). Rather than including “to achieve the objective, the EMP shall set out the methods which may include” at the start of the EMP condition, AT has inserted “the EMP may include the following to achieve the objective” at the end of each clause.
NoRs 5, 6, 7, 8, 9, 10, 12, 13	Ecological Management Plan (EMP)	(c) If an EMP is required in accordance with (a) for the presence of long tail bats, <u>the EMP may include the following to achieve the objective:</u> - Measures to minimise as far as practicable, disturbance from construction activities within ~~the vicinity 50m~~ of any active long tail bat roosts (~~including maternity~~) that are discovered through survey until such roosts are confirmed to be vacant of bats. ~~how the~~ Timing of any ~~e~~Construction ~~w~~Works <u>within 50m in the vicinity</u> of any <u>active</u> maternity long tail bat roosts. <u>Those Construction Works shall will be undertaken limited to</u> outside the bat maternity period (between December and March) where reasonably practicable; - Details of areas where vegetation is to be retained ~~where practicable and where additional planting is proposed to be provided and maintained~~ for the purposes of the connectivity of long tail bats <u>habitats; and</u> ~~Details of how bat connectivity will be provided and maintained (e.g. through the presence of suitable indigenous or exotic trees or artificial alternatives).~~ - Details of measures to minimise any operational disturbance from light spill.	Amendments by AT Amendments to improve clarity of wording. As above, rather than including “to achieve the objective, the EMP shall set out the methods which may include” at the start of the EMP condition, AT has inserted “the EMP may include the following to achieve the objective” at the end of each clause, including this clause relating to long tail bats. This rationale also applies to the clauses that follow. To avoid confusion, the reference to “including maternity” after long tail bat roosts is removed, and the meaning of “vicinity” in clause (i) is clarified as being 50m. To avoid duplication AT has also deleted clause (iv) and incorporated those requirements into clause (iii).
NoRs 6, 7, 10	Ecological Management Plan (EMP)	(d) If an EMP is required in accordance with (a) for the presence of ~~t~~Threatened or ~~a~~At-Risk birds (excluding wetland birds), <u>the EMP may include the following to achieve the objective:</u> ~~how the~~ Timing of any Construction Works <u>which may have adverse effects on Threatened or At-Risk birds (excluding wetland birds). Those Construction Works shall be undertaken outside of</u> the bird breeding season (September to February) where practicable; and - Where works are required within the area identified in the Confirmed Biodiversity Area during the bird breeding season, methods to minimise adverse effects on Threatened or At-Risk birds.	Amendments by AT Amendments to improve clarity of wording and to make clear that it is only the timing of those Construction Works that may have adverse effects on Threatened or At-Risk birds that may be included in the EMP.
NoRs 6, 7, 8, 9, 10, 11, 12, 13	Ecological Management Plan (EMP)	(e) If an EMP is required in accordance with (a) for the presence of ~~T~~Threatened or ~~A~~At-risk wetland birds, <u>the EMP may include the following to achieve the objective:</u> ~~[relocated] Details of any Undertaking a~~ nesting bird surveys of Threatened or At-Risk wetland birds. <u>prior to any Construction Works taking place within a 50m radius of any identified Wetlands (including establishment of construction areas adjacent to Wetlands). Nesting bird surveys shall be undertaken within any wetland that is both within a Confirmed Biodiversity Area and located within a 50m radius of Construction Works.</u> Surveys ~~should~~ <u>shall</u> be undertaken prior to any such works taking place and repeated at the beginning of each wetland bird breeding season <u>until the Completion of Construction and following periods of construction inactivity;</u> ~~how the~~ Timing of any Construction Works <u>which may have adverse effects on Threatened or At-Risk wetland birds. Those Construction Works shall be undertaken outside of the bird breeding season (September to February) where practicable;</u>	Amendments by AT Amendments to improve clarity of wording including by relocating clauses, and to make clear that it is not only the timing of those Construction Works that may have adverse effects on Threatened or At-Risk birds that may be included in the EMP. AT also inserts “breeding” in clause (ii) to fix an omission and has re-drafted clause (iii) to improve clarity including as to the location and timing of nesting bird surveys. Accept in part amendments to EMP condition The Panel has recommended changes to the EMP clause for Threatened or At-Risk wetland birds, including to increase the area for protection and buffer measures from 50m to 200m and to simplify the condition.

Designation	Relevant Condition	Modifications made by Auckland Transport to conditions recommended by the Hearing Commissioners (additions to conditions are in bold and underlined and rejections are in bold and strikethrough)	Reason for modifications (or rejection of recommendations)
		iii. Where works are required within the Confirmed Biodiversity Area during the bird breeding season, methods to minimise adverse effects on Threatened or At-Risk wetland birds; and iv. <u>Details of</u> what protection and buffer measures ~~will be provided where are proposed to manage effects on~~ nesting Threatened or At-Risk wetland birds ~~are identified within 200m of any construction area (including laydown areas) through a survey undertaken in accordance with Condition (e)(iii).~~ <u>Proposed</u> measures ~~must consider shall address:~~ A. the type, intensity and duration of ~~the~~ construction activity; B. ~~and species of wetland bird affected~~ <u>the likely sensitivity of the nesting bird species to the construction activity; and</u> C. <u>any environmental features (e.g., vegetation and contour) that could influence the extent of potential adverse effects on the Threatened of At-Risk wetland birds.</u>	AT rejects amendment of the area referenced in (e)(iv) for the reasons detailed in the Closing Legal Submissions.¹⁰ In particular: - Extending the setbacks to 200m would encompass additional wetlands that have not been included in the ecological impact assessment and subsequent Identified Biodiversity Areas. - Application of the NZTA Dotterel Guidelines (which were used to define the 50m area) is standard practice for this type of assessment and a range of wetland bird species. AT accepts in part the proposed amendments of the Panel to simplify the rest of clause (e)(iv), but with amended wording to improve drafting and ensure the condition is workable.
NoR 9	Ecological Management Plan (EMP)	(f) If an EMP is required in accordance with (a) for the presence of native herpetofauna, <u>the EMP may include the following to achieve the objective:</u> (i) A description of the methodology and timing for survey, trapping and relocation of lizards rescued; (ii) A description of the relocation site(s), including: A. any measures to ensure the relocation site remains available; B. any weed and pest management to ensure the relocation site is maintained as appropriate habitat; (iii) A post vegetation clearance search for remaining lizards; and (iv) Any proposed monitoring.	Amendments by AT Amendments to improve clarity of wording.
All NoRs 6-13	Low Noise Road Surface	(a) Asphaltic concrete surfacing (or equivalent low noise road surface) shall be implemented within 12 months of Completion of Construction of the project. (b) The asphaltic concrete surface shall be maintained <u>as far as practicable</u> to retain the noise reduction performance of the surface established in accordance with (a), unless condition 34 applies.	Accept in part new clause (b) The Panel recommends inserting a new clause (b) that requires the low noise road surface to be maintained to retain the noise reduction performance of the surface. Consequential to this, the Panel has recommended deletion of the Future Resurfacing Work condition on NoRs 6-13 (only retaining it for NoR 5) which is rejected by AT for the reasons discussed in the row below. AT accepts in part the insertion of a new clause (b) for all NoRs except NoR 5, to clarify how the requirement to maintain the low noise road surface applies to its corridors and particularly that the requirement is subject to the Future Resurfacing Work condition. In conjunction with this, AT amends a similarly drafted existing traffic noise condition (reproduced below) to avoid duplication and clarify that the maintenance requirements for the low noise road surface are set out in new clause (b) only: <u>Any barriers required by</u> the Detailed Mitigation Options shall be maintained so they retain their noise reduction performance as far as practicable. However, to achieve consistency with that existing traffic noise condition, AT amends the Panel's recommended clause (b) to add "as far as practicable".
NoR 5	Low Noise Road Surface	(a) Asphaltic concrete surfacing (or equivalent low noise road surface) shall be implemented within 12 months of Completion of Construction of the project.	Reject new clause (b)

¹⁰ Closing legal submissions of Requiring Authority, dated 9 August 2024, at [21.14] to [21.18].

Designation	Relevant Condition	Modifications made by Auckland Transport to conditions recommended by the Hearing Commissioners (additions to conditions are in bold and underlined and rejections are in bold and strikethrough)	Reason for modifications (or rejection of recommendations)
		~~(b) The asphaltic concrete surface shall be maintained to retain the noise reduction performance of the surface established in accordance with (a), unless condition 34 applies.~~	AT rejects the insertion of clause (b) for NoR 5 on the basis that it is unnecessary for this corridor as the requirement to implement a low noise road surface is sufficient alongside the requirements of the Future Resurfacing Work condition.
All NoR 5	Future Resurfacing Work	(a) Any future resurfacing works of the Project shall be undertaken in accordance with the Auckland Transport Reseal Guidelines, Asset Management and Systems 2013 or any updated version and asphaltic concrete surfacing (or equivalent low noise road surface) shall be implemented where: (i) the volume of traffic exceeds 10,000 vehicles per day; or (ii) the road is subject to high wear and tear (such as cul de sac heads, roundabouts and main road intersections); or (iii) it is in an industrial or commercial area where there is a high concentration of truck traffic; or (iv) it is subject to high usage by pedestrians, such as town centres, hospitals, shopping centres and schools. (b) Prior to commencing any future resurfacing works, the Requiring Authority shall advise the Manager if any of the triggers in Condition 34(a)(i) – (iv) are not met by the road or a section of it and therefore where the application of asphaltic concrete surfacing (or equivalent low noise road surface) is no longer required on the road or a section of it. Such advice shall also indicate when any resealing is to occur.	Reject Panel recommendation The Panel recommends deleting the Future Resurfacing Work condition from most NoRs (all but NoR 5) on the basis that it is no longer necessary with their proposed new wording in the Low Noise Road Surface Condition above. AT rejects this recommendation and has reinstated the condition in full. As explained in Closing Legal Submissions,¹¹ the condition sets out the criteria for when the low noise road surface will be implemented and these criteria are drawn from the AT Reseal Guidelines. If future arterial corridors meet the criteria set out in the condition, then the condition commits AT to carry out future resurfacing works in asphaltic concrete (or equivalent low noise road surface) which is considered adequate. The condition also reflects AT's commercial and operational requirements. In particular, resurfacing decisions must take into account the whole-of-life cost of assets, as well as ensuring equitable resource allocation. AT must consider its responsibility to future residents, and this goes beyond noise impacts as it must also take into account cost to ratepayers. It is relevant to note that road surfaces on AT corridors are more likely to require the entire road pavement to be upgraded (rather than just the road surface, as is often the case for NZTA corridors).
All	Traffic Noise	~~Notwithstanding the above applying to the PPFs in Schedule 4, conditions 36, 37, 39 and 40 shall be read as also including a requirement for the future BPO assessment to determine the BPO for the environment (including any dwellings to be retained within the designation) that is present prior to construction starting (in terms of road surface, barriers, or other source noise mitigation), noting that the Requiring Authority is not responsible for acoustically treating dwellings that are constructed following the lodgement of the NoR.~~	Reject new condition The Panel has proposed a new traffic noise condition for all AT NoRs that requires a future best practicable option (BPO) assessment for the environment that is present prior to construction starting. AT rejects this new condition on the basis that the recommendation is inconsistent with NZ6806. In addition, the projects will be constructed with low noise road surfaces, which will benefit both existing and future receivers. As explained in detail in Closing Legal Submissions,¹² developers have a shared responsibility to manage noise and only those Protected Premises and Facilities (PPFs) set out in the schedules that currently exist should be assessed at the time of detailed design.
All NoRs 6 – 13	All Traffic Noise Conditions	All Traffic Noise Conditions ... Prior to ~~the~~ the Start of Construction of the Project, a Suitably Qualified Person shall develop the Detailed Mitigation Options for the PPFs identified in Schedule X PPFs Noise Criteria Categories, taking into account the Selected Mitigation Options.	Amendment by AT AT is removing all traffic noise conditions from NoR 5, as there are no identified PPFs for that corridor and the conditions were included in error. AT is also amending a specific traffic noise condition to improve clarity, as shown.
NoRs 6 – 13	Traffic Noise	Any barriers required by the Detailed Mitigation Options shall be maintained so they retain their noise reduction performance as far as practicable.	Amendment by AT Consequential to AT accepting a modified new clause (b) on the Low Noise Road Surface condition, AT amends this similarly drafted condition to avoid duplication and clarify that the maintenance requirements for the low noise road surface are set out in new clause (b) to the Low Noise Road Surface condition only. Aside from

¹¹ Closing legal submissions of Requiring Authority, dated 9 August 2024, at [12.10] – [12.16].

¹² Closing legal submissions of Requiring Authority, dated 9 August 2024, at [12.2] – [12.9].

Designation	Relevant Condition	Modifications made by Auckland Transport to conditions recommended by the Hearing Commissioners (additions to conditions are in bold and <u>underlined</u> and rejections are in bold and ~~strikethrough~~)	Reason for modifications (or rejection of recommendations)
			a low noise road surface, barriers are the only other feasible mitigation option that could form part of the Detailed Mitigation Option.
N/A	N/A	N/A	Reject recommendation to distinguish temporary construction areas AT has carefully considered the recommendation from the Panel that the Requiring Authorities provide a different delineation within their respective designation maps for construction areas (shown as 'indicative construction areas in the general arrangement plans'). AT rejects this recommendation for the following reasons. As noted in the primary evidence of Mr Scrafton,¹³ the suggested identification of a temporary and permanent designation boundary is not appropriate or feasible in the context of a long-term designations, particularly given the design processes that are still required to be advanced before implementation. Design standards and construction techniques are also very likely to evolve between now and when construction for the projects is likely to occur and therefore it is not appropriate to lock in any one design or construction methodology at this stage, when there are likely to be efficiencies in the future. For example, future design changes may mean a construction yard could become a permanent wetland opportunity due to changes in the environment and future requirements for stormwater design or mitigation. Given this, the differentiation between the extent required for the construction and operation of the projects is not able to be accurately defined at this stage. This will be confirmed by the Requiring Authorities and discussed with landowners under the Public Works Act, closer to the time of construction. Flexibility is also required in the designs and designations to account for a range of staging configurations and future integration with land use. The concept plans included in the conditions focus on the designation boundary, and the design detail shown is very indicative and subject to detailed design. Delineating indicative construction areas on these plans would be impractical and would not mitigate an effect. Landowners already have access to the General Arrangement plans lodged and notified with the NoRs for potential locations of indicative construction areas. AT notes that there have been other examples across the Te Tupu Ngātahi programme where further concept design work in response to submissions has already resulted in the need to use an area initially proposed as an indicative construction area. For example, at Spartan Road in Takaanini, an overbridge has been moved to where the construction area was initially indicated and the construction area was moved away from the bridge.

¹³ Scrafton Primary Evidence, at [10.25] to [10.28].



Yours sincerely

A handwritten signature in black ink that reads 'Jane Small'.

Jane Small

Group Manager, Strategic Development Programmes and Property

Appendix A – Auckland Transport’s Modifications to NoR 5 conditions (clean)

[XXXX] New State Highway 1 Crossing at Dairy Stream

Designation Number	[XXXX]
Requiring Authority	Auckland Transport
Location	In the vicinity of Dairy Stream, between Top Road in Dairy Flat and East Coast Road in Stillwater
Lapse Date	In accordance with section 184(1)(c) of the RMA, this designation shall lapse if not given effect to within 30 years from the date on which it is included in the AUP.

Purpose

The construction, operation and maintenance of an arterial transport corridor and associated facilities.

Conditions

Abbreviations and definitions

Acronym/Term	Definition
Activity sensitive to noise	Any dwelling, visitor accommodation, boarding house, marae, papakāinga, integrated residential development, retirement village, supported residential care, care centre, lecture theatre in a tertiary Education Facility, classroom in an Education Facility and healthcare facility with an overnight stay facility
AUP	Auckland Unitary Plan
BPO or Best Practicable Option	Has the same meaning as in section 2 of the RMA 1991
CEMP	Construction Environmental Management Plan
Certification of material changes to management plans	Confirmation from the Manager that a material change to a management plan has been prepared in accordance with the condition to which it relates. A material change to a management plan shall be deemed certified: (a) where the Requiring Authority has received written confirmation from the Manager that the material change to the management plan is certified; or (b) 10 working days from the submission of the material change to the management plan where no written confirmation of certification has been received
CMP	Cultural Monitoring Plan
CNVMP	Construction Noise and Vibration Management Plan
CNVMP Schedule or Schedule	A schedule to the CNVMP
Completion of Construction	When construction of the project (or part of the project) is complete and it is available for use
Confirmed Biodiversity Areas	Areas recorded in the Identified Biodiversity Area Schedule where the ecological values and effects have been confirmed through the ecological survey under Condition 28
Construction Works	Activities undertaken to construct the project excluding Enabling Works
Council	Auckland Council
CTMP	Construction Traffic Management Plan
Developer	Any legal entity that intends to master plan or develop land adjacent to the designation

Development Agency	Public entities involved in development projects
Education Facility	Facility used for education to secondary level. Includes: - schools and outdoor education facilities; and - accommodation, administrative, cultural, religious, health, retail and communal facilities accessory to the above. Excludes: - care centres; and - tertiary education facilities.
EIANZ Guidelines	Ecological Impact Assessment: EIANZ Guidelines for use in New Zealand: terrestrial and freshwater ecosystems, second edition, dated May 2018
EMP	Ecological Management Plan
Enabling Works	Includes, but is not limited to, the following and similar activities: - geotechnical investigations (including trial embankments); - archaeological site investigations; - formation of access for geotechnical investigations; - establishment of site yards, site entrances and fencing; - constructing and sealing site access roads; - demolition or removal of buildings and structures; - relocation of services; and - establishment of mitigation measures (such as erosion and sediment control measures, temporary noise walls, earth bunds and planting)
HHMP	Historic Heritage Management Plan
HNZPT	Heritage New Zealand Pouhere Taonga
HNZPTA	Heritage New Zealand Pouhere Taonga Act 2014
Identified Biodiversity Area	Means an area or areas of features of ecological value where the project ecologist has identified that the project will potentially have a moderate or greater level of ecological effect, prior to implementation of impact management measures, as determined in accordance with the EIANZ Guidelines
Manager	The Manager – Resource Consents of the Auckland Council, or authorised delegate
Mana Whenua	Mana Whenua as referred to in the conditions are considered to be, but not limited to, the following (in no particular order), who at the time of Notice of Requirement expressed a desire to be involved in the project: - Ngāti Manuhiri - Te Kawerau ā Maki - Te Ākitai Waiohū - Ngāti Whanaunga - Te Runanga o Ngāti Whātua - Ngāti Maru - Te Patu Kirikiri - Ngāti Whātua o Kaipara - Ngāti Tamaterā - Ngai Tai ki Tāmaki - Ngāti Paoa Iwi Trust - Ngāti Paoa Trust Board Note: other iwi not identified above may have an interest in the project and should be consulted
Network Utility Operator	Has the same meaning as set out in section 166 of the RMA
NIMP	Network Integration Management Plan
NoR	Notice of Requirement

North Growth Area	Land for future urban development in the North of Auckland, including Future Urban zoned areas in Ara Hills, Ōrewa, Wainui East, Silverdale West, Redvale and Dairy Flat
NUMP	Network Utilities Management Plan
Outline Plan	An outline plan prepared in accordance with section 176A of the RMA
Overland Flow Path	Means a low point in terrain, excluding a permanent watercourse or intermittent river or stream, where surface runoff will flow, with an upstream contributing catchment exceeding 4,000m ²
Project Liaison Person	The person or persons appointed for the duration of the project's Construction Works to be the main point of contact for persons wanting information about the project or affected by the Construction Works
Protected Premises and Facilities (PPF)	Protected Premises and Facilities as defined in New Zealand Standard NZS 6806:2010: <i>Acoustics – Road-traffic noise – New and altered roads</i>
Requiring Authority	Has the same meaning as section 166 of the RMA and, for this designation is Auckland Transport
RMA	Resource Management Act 1991
SCEMP	Stakeholder Communication and Engagement Management Plan
Stakeholder	Stakeholders to be identified in accordance with Condition 4, which may include as appropriate: (a) adjacent owners and occupiers; (b) adjacent business owners and operators; (c) central and local government bodies; (d) community groups; (e) developers; (f) development agencies; (g) Education Facilities; and (h) Network Utility Operators.
Stage of Work	Any physical works that require the development of an Outline Plan
Start of Construction	The time when Construction Works (excluding Enabling Works) start
Suitably Qualified Person	A person (or persons) who can provide sufficient evidence to demonstrate their suitability, experience and competence in the relevant field of expertise.
ULDMP	Urban and Landscape Design Management Plan

General conditions	
1.	Activity in General Accordance with Plans and Information (a) Except as provided for in the conditions below, and subject to final design and Outline Plan(s), works within the designation shall be undertaken in general accordance with the project description and concept plan in Schedule 1. (b) Where there is inconsistency between: (i) the project description and concept plan in Schedule 1 and the requirements of the following conditions, the conditions shall prevail; (ii) the project description and concept plan in Schedule 1, and the management plans under the conditions of the designation, the requirements of the management plans shall prevail.
2.	Project Information (a) A project website, or equivalent virtual information source, shall be established as soon as reasonably practicable, and within six months of the inclusion of this designation in the AUP. This shall be updated as required so it remains current. (b) All directly affected owners and occupiers shall be notified in writing as soon as reasonably practicable once the website or equivalent information source has been established. The project website or virtual information source shall include these conditions and shall provide information on: (i) the status of the project; (ii) anticipated construction timeframes; (iii) contact details for enquiries; (iv) the implications of the designation for landowners, occupiers and business owners and operators within the designation and where they can receive additional advice; (v) a subscription service to enable receipt of project updates by email; (vi) the types of activities that can be undertaken by landowners without the need for written consent to be obtained under s176(1)(b) of the RMA; and (vii) when and how to apply for consent for works in the designation under section 176(1)(b) of the RMA. (c) At ten yearly intervals from the inclusion of this designation in the AUP until the start of detailed design, the Requiring Authority shall identify appropriate methods with the relevant Local Board(s) to: (i) inform the wider community of the project status; and (ii) raise awareness of the project website. (d) At the start of detailed design for a Stage of Work, the project website or virtual information source shall be updated to provide information on the likely date for Start of Construction, and any Staging of Works.

3.	Land use Integration Process (a) The Requiring Authority shall set up a Land use Integration Process for the period between confirmation of the designation and the Start of Construction. The purpose of this process is to encourage and facilitate the integration of master planning and land use development activity on land directly affected or adjacent to the designation. To achieve this purpose: (i) the Requiring Authority shall include the contact details of a nominated contact on the project website (or equivalent information source) required to be established by Condition 2(b)(iii); and (ii) the nominated contact shall be the main point of contact for a Developer or Development Agency wanting to work with the Requiring Authority to integrate their development plans or master planning with the designation. (b) At any time prior to the Start of Construction, the nominated contact will be available to engage with a Developer or Development Agency for the purpose of: (i) responding to requests made to the Requiring Authority for information regarding design details that could assist with land use integration; and (ii) receiving information from a Developer or Development Agency regarding master planning or land development details that could assist with land use integration. (c) Information requested or provided under Condition 3(b) above may include but not be limited to the following matters: (i) design details including but not limited to: A. boundary treatment (e.g. the use of retaining walls or batter slopes); B. the horizontal and vertical alignment of the road (levels); C. potential locations for mid-block crossings; D. integration of stormwater infrastructure; and E. traffic noise modelling contours. (ii) potential modifications to the extent of the designation in response to information received through Condition 3(b)(ii); (iii) a process for the Requiring Authority to undertake a technical review of or provide comments on any master planning or development proposal advanced by the Developer or Development Agency as it relates to integration with the project; and (iv) details of how to apply for written consent from the Requiring Authority for any development proposal that relates to land that is within the designation under section 176(1)(b) of the RMA. (d) Where information is requested from the Requiring Authority and is available, the nominated contact shall provide the information unless there are reasonable grounds for not providing it. (e) The nominated contact shall maintain a record of the engagement between the Requiring Authority and Developers and Development Agencies for the period following the date in which this designation is included in the AUP through to the Start of Construction for a Stage of Work. The record shall include: (i) details of any requests made to the Requiring Authority that could influence detailed design, the results of any engagement and, where such requests that could influence detailed design are declined, the reasons why the Requiring Authority has declined the requests; and (ii) details of any requests to co-ordinate the forward work programme, where appropriate, with Development Agencies and Network Utility Operators. (f) The record shall be submitted to Council for information 10 working days prior to the Start of Construction for a Stage of Work

4.	Stakeholder Communication and Engagement Design (a) At least six months prior to the start of detailed design for a Stage of Work, the Requiring Authority shall identify: (i) a list of Stakeholders; (ii) a list of properties within the designation which the Requiring Authority does not own or have occupation rights to; and (iii) methods to engage with Stakeholders and the owners and occupiers of properties identified in (a)(i) – (ii) above. (b) A record of (a) shall be submitted to the Manager for information with an Outline Plan for the relevant Stage of Work.
5.	Designation Review <u>Pre-construction review</u> If the land adjacent to the designation is re-zoned from Future Urban or any live urban zone to any rural zone (once made operative in the Auckland Unitary Plan), the Requiring Authority shall review the extent of the designation. In carrying out this review, the Requiring Authority shall: (i) Consider the implications of any zoning change and integration of land use with the transport network in the North Growth Area; (ii) Identify whether any areas of designated land are no longer required for the construction, operation, maintenance or mitigation of effects of the project; and (iii) Consider whether the boundaries of the designation require modification in accordance with section 182 of the RMA. <u>Post-construction review</u> As soon as reasonably practicable following Completion of Construction, the Requiring Authority shall: (i) review the extent of the designation to identify any areas of designated land that it no longer requires for the on-going operation, maintenance or mitigation of effects of the project; and (ii) give notice to the Manager in accordance with section 182 of the RMA for the removal of those parts of the designation identified above.
6.	Lapse In accordance with section 184(1)(c) of the RMA, this designation shall lapse if not given effect to within 30 years from the date on which it is included in the AUP.
7.	Network Utility Operators (Section 176 Approval) (a) Prior to the Start of Construction, Network Utility Operators with existing infrastructure located within the designation will not require written consent under section 176 of the RMA for the following activities: (i) operation, maintenance and repair works; (ii) minor renewal works to existing network utilities necessary for the on-going provision or security of supply of network utility operations; (iii) minor works such as new service connections; and (iv) the upgrade and replacement of existing network utilities in the same location with the same or similar effects on the works authorised by the designation as the existing utility. (b) To the extent that a record of written approval is required for the activities listed above, this condition shall constitute written approval.

8.	General Section 176 Approval (a) Prior to the start of the formal acquisition process under the Public Works Act 1981 for a property, or submission of the Outline Plan, persons on properties zoned Rural or Future Urban will not require written consent under section 176 of the RMA for the following activities: (i) Internal alterations; (ii) Repair of existing utility services; (iii) One extension to an existing structure as at 2023, up to 30m²; and (iv) Temporary or relocatable structures, provided they are removed from the site and the land is reinstated (including closing and capping any associated services) at the landowner's expense prior to the Start of Construction. The landowner shall be responsible for any resource consent required for the structures, their removal or relocation. (b) To the extent that a record of written approval is required for the activities listed above, this condition shall constitute written approval.
Pre-construction conditions	
9.	Outline Plan (a) An Outline Plan (or Plans) shall be prepared in accordance with section 176A of the RMA. (b) Outline Plans (or Plan) may be submitted in parts or in stages to address particular activities (e.g. design or construction aspects), or a Stage of Work of the project. (c) Outline Plans shall include any management plan or plans that are relevant to the management of effects of those activities or Stage of Work, which may include: (i) Construction Environmental Management Plan; (ii) Construction Traffic Management Plan; (iii) Construction Noise and Vibration Management Plan; (iv) Urban and Landscape Design Management Plan; (v) Historic Heritage Management Plan; (vi) Ecological Management Plan; (vii) Network Utilities Management Plan; and (viii) Network Integration Management Plan.
	Flood Hazard For the purpose of Condition 10: (a) AEP – means Annual Exceedance Probability; (b) Existing Authorised Habitable Floor – means the floor level of any room (floor) in a residential building which is authorised and exists at the time the Outline Plan is submitted, excluding a laundry, bathroom, toilet or any room used solely as an entrance hall, passageway or garage; (c) Flood Prone Area – means potential ponding areas that may flood in a 1% AEP event and commonly comprise of topographical depression areas. The areas can occur naturally or as a result of constructed features. Identification of a potential Flood Prone Area would be by an assessment of residual flood risk in a 1% AEP event (e.g. from blockage of the project stormwater network) on land outside and adjacent to the designation following the application of Conditions (10)(a)(i) – (iv). (d) Maximum Probable Development – is the design case for consideration of future flows allowing for development within a catchment that takes into account the maximum impervious surface limits of the current zone or if the land is zoned Future Urban in the AUP, the probable level of development arising from zone changes; (e) Pre-Project Development – means existing site condition prior to the project (including existing buildings and roadways); and (f) Post-Project Development – means site condition after the project has been completed (including existing and new buildings and roadways).

10.	Flood Hazard (a) The project shall be designed to achieve the following flood risk outcomes beyond the boundary of the designation: (i) no increase in flood levels in a 1% AEP event for Existing Authorised Habitable Floors that are already subject to flooding or have a freeboard less than 500mm; (ii) no increase in flood levels in a 1% AEP event for authorised community, commercial, industrial and network utility building floors existing at the time the Outline Plan is submitted that are already subject to flooding or have a freeboard less than 300mm; (iii) maximum of 50mm increase in flood levels in a 1% AEP event outside and adjacent to the designation boundary between the Pre-Project Development and Post-Project Development scenarios; (iv) no increase of Flood Hazard Class for the main access to authorised habitable dwellings existing at the time the Outline Plan is submitted. The assessment shall be undertaken for the 1% AEP rainfall event and reference the hazard class in accordance with Schedule 2 to these conditions; and (v) no new Flood Prone Areas. (b) Compliance with this condition shall be demonstrated in the Outline Plan, which shall include flood modelling of the Pre-Project Development and Post-Project Development 1% AEP flood levels (for Maximum Probable Development land use with allowances for climate change). (c) Where: (i) the flood risk outcomes in (a) can be achieved through alternative measures outside of the designation such as flood stop banks, flood walls, raising Existing Authorised Habitable Floor level and new overland flow paths; or (ii) the outcomes are varied at specific location(s) through agreement with the relevant landowner, confirmation shall be provided to the Manager that any necessary landowner agreement and statutory approvals have been obtained for that alternative measure or varied outcome.
11.	Overland Flow Paths Where the project modifies an Overland Flow Path by either: • diverting the entry or exit point at the designation boundary; or • piping, or reducing its capacity; the design shall provide for the continued passage of flow in a manner which manages potential effects upstream and downstream of the modified Overland Flow Path.
12.	Existing property access Prior to submission of the Outline Plan, consultation shall be undertaken with landowners and occupiers whose vehicle access to their property will be altered by the project. The Outline Plan shall demonstrate how safe reconfigured or alternate access will be provided, unless otherwise agreed with the affected landowner.

13.	Management Plans (a) Any management plan shall: (i) be prepared and implemented in accordance with the relevant management plan condition; (ii) be prepared by a Suitably Qualified Person(s); (iii) include sufficient detail relating to the management of effects associated with the relevant activities and/or Stage of Work to which it relates; (iv) be submitted as part of an Outline Plan pursuant to section 176A of the RMA, with the exception of SCEMPs and CNVMP Schedules; and (v) once finalised, uploaded to the project website or equivalent virtual information source. (b) Any management plan developed in accordance with Condition 13 may: (i) be submitted in parts or in stages to address particular activities (e.g. design or construction aspects), a Stage of Work of the project, or to address specific activities authorised by the designation; and (ii) except for material changes, be amended to reflect any changes in design, construction methods or management of effects without further process; (c) Information shall be submitted with the management plan (or revised plan as referred to in (d) below) which summarises outcomes of consultation and any input received from Mana Whenua and Stakeholders as required by the relevant management plan condition. The summary shall note how this input has been incorporated or reflected in the management plan, or if not, the reasons why; (d) If there is a material change required to a management plan which has been submitted with an Outline Plan, the revised part of the plan shall be submitted to the Manager as an update to the Outline Plan or for Certification as soon as practicable following identification of the need for a revision; and (e) Any material changes to the SCEMP(s) are to be submitted to the Manager for information.
14.	Stakeholder Communication and Engagement Management Plan (SCEMP) (a) A SCEMP shall be prepared in consultation with relevant Stakeholders prior to the Start of Construction. The objective of the SCEMP is to identify how the public and Stakeholders will be engaged with throughout Construction Works. (b) To achieve the objective, the SCEMP shall include: (i) a list of Stakeholders; (ii) the contact details for the Project Liaison Person. These details shall be on the project website, or equivalent virtual information source, and prominently displayed at the main entrance(s) to the site(s); (iii) methods for engaging with Mana Whenua, to be developed in consultation with Mana Whenua; (iv) methods and timing to engage with owners and occupiers whose access is directly affected; (v) methods to communicate key project milestones and the proposed hours of construction activities including outside of normal working hours and on weekends and public holidays, to the parties identified in (b)(i) above; and (vi) linkages and cross-references to communication and engagement methods set out in other conditions and management plans where relevant. (c) Any SCEMP prepared for a Stage of Work shall be submitted to the Manager for information a minimum of 10 working days prior to the Start of Construction for a Stage of Work.

15.	Cultural Advisory Report (a) At least six months prior to the start of detailed design for a Stage of Work, Mana Whenua shall be invited to prepare a Cultural Advisory Report for the project. The objective of the Cultural Advisory Report is to assist in understanding and identifying ngā taonga tuku iho (treasures handed down by our ancestors) affected by the project, to inform their management and protection. (b) To achieve the objective, the Requiring Authority shall invite Mana Whenua to prepare a Cultural Advisory Report that: (i) identifies the cultural sites, landscapes and values that have the potential to be affected by the construction and operation of the project; (ii) sets out the desired outcomes for management of potential effects on cultural sites, landscapes and values; (iii) identifies traditional cultural practices within the area that may be impacted by the project; (iv) identifies opportunities for restoration and enhancement of identified cultural sites, landscapes and values within the project area; (v) taking into account the outcomes of (i) to (iv) above, identify cultural matters and principles that should be considered in the development of the ULDMP (Condition 16) and HHMP (Condition 27) and the CMP referred to in Condition 21; and (vi) identifies and (if possible) nominates traditional names along the project alignment. Noting there may be formal statutory processes outside the project required in any decision-making. (c) The desired outcomes for management of potential effects on cultural sites, landscapes and values identified in the Cultural Advisory Report shall be discussed with Mana Whenua and those outcomes reflected in the relevant management plans where practicable; and (d) Conditions 15(b) and (c) will cease to apply if: (i) Mana Whenua have been invited to prepare a Cultural Advisory Report by a date at least six months prior to the Start of Construction; and (ii) Mana Whenua have not provided a Cultural Advisory Report within six months prior to the Start of Construction.
	Urban and Landscape Design Management Plan (ULDMP)
16.	(a) A ULDMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the ULDMP(s) is to: (i) enable integration of the project's permanent works into the surrounding landscape and urban context; and (ii) ensure that the project manages potential adverse landscape and visual effects as far as practicable and contributes to a quality urban environment. (b) Mana Whenua shall be invited to participate in the development of the ULDMP(s) to provide input into relevant cultural landscape and design matters including how desired outcomes for management of potential effects on cultural sites, landscapes and values identified and discussed in the Cultural Advisory Report in Condition 15 may be reflected in the ULDMP. (c) Relevant Stakeholders shall be invited to participate in the development of the ULDMP at least six months prior to the start of detailed design for a Stage of Work.

17.	(a) To achieve the objective set out in Condition 16, the ULDMP(s) shall provide details of how the project: (i) is designed to integrate with the adjacent urban (or proposed urban) and landscape context, including the surrounding existing or proposed topography, urban environment (eg. centres and density of built form), natural environment, landscape character and open space zones; (ii) provides appropriate walking and cycling connectivity to, and interfaces with, existing or proposed adjacent land uses, public transport infrastructure and walking and cycling connections; (iii) promotes inclusive access (where appropriate); (iv) promotes a sense of personal safety by aligning with best practice guidelines, such as: A. Crime Prevention Through Environmental Design (CPTED) principles; B. Safety in Design (SID) requirements; and C. Maintenance in Design (MID) requirements and anti-vandalism/anti-graffiti measures; (v) has responded to matters identified through the Land use Integration Process (Condition 3); and (b) The ULDMP shall be prepared in general accordance with: (i) Auckland Transport's Urban Roads and Streets Design Guide, or any subsequent or updated version; (ii) New Zealand Transport Agency Urban Design Guidelines: Bridging the Gap (2013) or any subsequent updated version; (iii) New Zealand Transport Agency Landscape Guidelines (2018) or any subsequent updated version; (iv) New Zealand Transport Agency P39 Standard Specification for Highway Landscape Treatments (2013) or any subsequent updated version; and (v) Auckland's Urban Ngahere (Forest) Strategy or any subsequent updated version.

18.	The ULDMP(s) shall include: (a) a concept plan – which depicts the overall landscape and urban design concept, and explain the rationale for the landscape and urban design proposals; (b) developed design concepts, including principles for walking and cycling facilities and public transport; (c) landscape and urban design details – that cover the following: (i) road design – elements such as intersection form, carriageway gradient and associated earthworks contouring including cut and fill batters and the interface with adjacent land uses and existing roads (including slip lanes), benching, spoil disposal sites, median width and treatment, roadside width and treatment; (ii) roadside elements – such as lighting, fencing, wayfinding and signage; (iii) architectural and landscape treatment of all major structures, including bridges and retaining walls; (iv) architectural and landscape treatment of noise barriers; (v) landscape treatment and planting of permanent stormwater control wetlands and swales; (vi) integration of passenger transport; (vii) pedestrian and cycle facilities including paths, road crossings and dedicated pedestrian/ cycle bridges or underpasses; (viii) historic heritage places with reference to the HHMP (Condition 27); and (ix) re-instatement of construction and site compound areas; and (x) features disturbed during construction and intended to be reinstated such as: A. boundary features; B. driveways; C. accessways; and D. fences. (d) the ULDMP shall also include the following planting and maintenance details: (i) planting design details including: A. identification of existing trees and vegetation that will be retained with reference to the EMP (Condition 29). Where practicable, mature trees and native vegetation should be retained; B. street trees, shrubs and ground cover suitable for the location; C. treatment of fill slopes to integrate with adjacent land use, streams, riparian margins and open space zones; D. identification of any planting requirements under the EMP (Condition 29); E. integration of any planting required by conditions of any resource consents for the project; and F. re-instatement planting of construction and site compound areas as appropriate. (ii) a planting programme including the staging of planting in relation to the construction programme which shall, as far as practicable, include provision for planting within each planting season following completion of each Stage of Work; and (iii) detailed specifications relating to the following: A. weed control and clearance; B. pest animal management (to support plant establishment); C. ground preparation (top soiling and decompaction); D. mulching; and E. plant sourcing and planting, including hydroseeding and grassing, and use of eco-sourced species.
Construction conditions	

19.	Construction Environmental Management Plan (CEMP) (a) A CEMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the CEMP is to set out the management procedures and construction methods to be undertaken to avoid, remedy or mitigate any adverse effects associated with Construction Works as far as practicable. (b) To achieve the objective, the CEMP shall include: (i) the roles and responsibilities of staff and contractors; (ii) details of the site or project manager and the Project Liaison Person, including their contact details (phone and email address); (iii) the Construction Works programmes and the staging approach, and the proposed hours of work; (iv) details of the proposed construction yards including temporary screening when adjacent to residential areas; (v) details of the proposed construction lighting; (vi) methods for controlling dust and the removal of debris and demolition of construction materials from public roads or places; (vii) methods for providing for the health and safety of the general public; (viii) measures to mitigate flood hazard effects such as siting stockpiles out of floodplains, minimising obstruction to flood flows, actions to respond to warnings of heavy rain; (ix) procedures for incident management; (x) location and procedures for the refuelling and maintenance of plant and equipment to avoid discharges of fuels or lubricants to watercourses; (xi) 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; (xii) procedures for responding to complaints about Construction Works; and (xiii) methods for amending and updating the CEMP as required.
20.	Complaints Process (a) At all times during Construction Works, a record of any complaints received about the Construction Works shall be maintained. The record shall include: (i) the date, time and nature of the complaint; (ii) the name, phone number and address of the complainant (unless the complainant wishes to remain anonymous); (iii) measures taken to respond to the complaint (including a record of the response provided to the complainant) or confirmation of no action if deemed appropriate; (iv) the outcome of the investigation into the complaint; and (v) any other activities in the area, unrelated to the project that may have contributed to the complaint, such as non-project construction, fires, traffic accidents or unusually dusty conditions generally. (b) A copy of the complaints record required by this condition shall be made available to the Manager upon request as soon as practicable after the request is made.

21.	Cultural Monitoring Plan (CMP) (a) Prior to the Start of Construction, a CMP shall be prepared by a Suitably Qualified Person(s) identified in collaboration with Mana Whenua. The objective of the CMP is to identify methods for undertaking cultural monitoring to assist with management of any cultural effects during Construction Works. (b) To achieve the objective, the CMP shall include: (i) requirements for formal dedication or cultural interpretation to be undertaken prior to the Start of Construction in areas identified as having significance to Mana Whenua; (ii) requirements and protocols for cultural inductions for contractors and subcontractors; (iii) identification of activities, sites and areas where cultural monitoring is required during particular Construction Works; (iv) identification of personnel to undertake cultural monitoring, including any geographic definition of their responsibilities; and (v) details of personnel to assist with management of any cultural effects identified during cultural monitoring, including implementation of the Accidental Discovery Protocol. (c) If Enabling Works involving soil disturbance are undertaken prior to the Start of Construction, an Enabling Works CMP shall be prepared by a Suitably Qualified Person identified in collaboration with Mana Whenua. This plan may be prepared as a standalone Enabling Works CMP or be included in the main Construction Works CMP. Advice note: Where appropriate, the CMP shall align with the requirements of other conditions of the designation and resource consents for the project which require monitoring during Construction Works.

22.	Construction Traffic Management Plan (CTMP) (a) A CTMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the CTMP is to avoid, remedy or mitigate, as far as practicable, adverse construction traffic effects. (b) To achieve this objective, the CTMP shall include: (i) methods to manage the effects of temporary traffic management activities on traffic; (ii) measures to ensure the safety of all transport users; (iii) the estimated numbers, frequencies, routes and timing of traffic movements, including any specific non-working or non-movement hours to manage vehicular and pedestrian traffic near Education Facilities or to manage traffic congestion; (iv) site access routes and access points for heavy vehicles, the size and location of parking areas for plant, construction vehicles and the vehicles of workers and visitors; (v) identification of detour routes and other methods to ensure the safe management and maintenance of traffic flows, including public transport, pedestrians and cyclists; (vi) methods to maintain access to and within property and/or private roads where practicable, or to provide alternative arrangements when it will not be, including details of how access is managed for loading and unloading of goods; (vii) the management approach to loads on heavy vehicles, including covering loads of fine material, the use of wheel-wash facilities at site exit points and the timely removal of any material deposited or spilled on public roads; (viii) methods that will be undertaken to communicate traffic management measures to affected road users (e.g. residents / public / Stakeholders / emergency services); (ix) details of minimum network performance parameters during the construction phase, including any measures to monitor compliance with the performance parameters; and (x) details of any measures proposed to be implemented in the event of thresholds identified in (ix) being exceeded. (c) Auditing, monitoring and reporting requirements relating to traffic management activities shall be undertaken in accordance with the New Zealand Guide to Temporary Traffic Management (April 2023) or any subsequent version.

23.

Construction Noise Standards

(a) Construction noise shall be measured and assessed in accordance with NZS6803:1999 Acoustics – Construction Noise and shall comply with the noise standards set out in the following table as far as practicable:

Table 23-1 Construction Noise Standards

Day of week	Time period	L _{Aeq} (15min)	L _{AF} max
Occupied activity sensitive to noise			
Weekday	0630h - 0730h	55 dB	75 dB
	0730h - 1800h	70 dB	85 dB
	1800h - 2000h	65 dB	80 dB
	2000h - 0630h	45 dB	75 dB
Saturday	0630h - 0730h	45 dB	75 dB
	0730h - 1800h	70 dB	85 dB
	1800h - 2000h	45 dB	75 dB
	2000h - 0630h	45 dB	75 dB
Sunday and Public Holidays	0630h - 0730h	45 dB	75 dB
	0730h - 1800h	55 dB	85 dB
	1800h - 2000h	45 dB	75 dB
	2000h - 0630h	45 dB	75 dB
Other occupied buildings			
All	0730h – 1800h	70 dB	
	1800h – 0730h	75 dB	

(b) Where compliance with the noise standards set out in Table 23-1 is not practicable, the methodology in Condition 26 shall apply.

24.

Construction Vibration Standards

(a) Construction vibration shall be measured in accordance with ISO 4866:2010 Mechanical vibration and shock – Vibration of fixed structures – Guidelines for the measurement of vibrations and evaluation of their effects on structures and shall comply with the vibration standards set out in the following table as far as practicable.

Table 24-1 Construction Vibration Standards

Receiver	Details	Category A*	Category B**
Occupied activities sensitive to noise	Night-time 2000h - 0630h	0.3mm/s ppv	2mm/s ppv
	Daytime 0630h - 2000h	2mm/s ppv	5mm/s ppv
Other occupied buildings	Daytime 0630h - 2000h	2mm/s ppv	5mm/s ppv
All other buildings	At all other times	Tables 1 and 3 of DIN4150-3:1999	

* Category A criteria adopted from Rule E25.6.30.1 of the AUP

** Category B criteria based on DIN 4150-3:1999 building damage criteria for daytime

(b) Where compliance with the vibration standards set out in Table 24-1 is not practicable, the methodology in Condition 26 shall apply.

25.	Construction Noise and Vibration Management Plan (CNVMP) (a) A CNVMP shall be prepared prior to the Start of Construction for Stage of Work. A CNVMP shall be implemented during the Stage of Work to which it relates. The objective of the CNVMP is to provide a framework for the development and implementation of the Best Practicable Option for the management of construction noise and vibration effects to achieve the construction noise and vibration standards set out in Conditions 23 and 24 to the extent practicable. (b) To achieve the objective, the CNVMP shall be prepared in accordance with Annex E2 of the New Zealand Standard NZS6803:1999 'Acoustics – Construction Noise' (NZS6803:1999) and shall as a minimum, address the following: (i) description of the works and anticipated equipment/processes; (ii) hours of operation, including times and days when construction activities would occur; (iii) the construction noise and vibration standards for the project; (iv) identification of receivers where noise and vibration standards apply; (v) a hierarchy of management and mitigation options, including any requirements to limit night works and works during other sensitive times, including Sundays and public holidays as far as practicable; (vi) methods and frequency for monitoring and reporting on construction noise and vibration; (vii) procedures for communication and engagement with nearby residents and Stakeholders, including notification of proposed construction activities, the period of construction activities, and management of noise and vibration complaints; (viii) contact details of the Project Liaison Person; (ix) procedures for the regular training of the operators of construction equipment to minimise noise and vibration as well as expected construction site behaviours for all workers; (x) procedures and requirements for the preparation of a Schedule to the CNVMP (Schedule) for those areas where compliance with the noise Condition 23 and/or vibration standards Condition 24 Category B will not be practicable; (xi) identification of trigger levels for undertaking building condition surveys, which shall be Category B day time levels; (xii) procedures and trigger levels for undertaking building condition surveys before and after works to determine whether any cosmetic or structural damage has occurred as a result of construction vibration; (xiii) methodology and programme of desktop and field audits and inspections to be undertaken to ensure that the CNVMP, Schedules and the Best Practicable Option for management of effects are being implemented; and (xiv) requirements for review and update of the CNVMP.

26.	Schedule to a CNVMP (a) A Schedule to the CNVMP (Schedule) shall be prepared prior to the Start of Construction of an activity to which it relates by a Suitably Qualified Person, in consultation with the owners and occupiers of sites subject to the Schedule, when: (i) construction noise is either predicted or measured to exceed the noise standards in Condition 23, except where the exceedance of the L_{Aeq} criteria is no greater than 5 decibels and does not exceed: A. 0630 – 2000: 2 periods of up to 2 consecutive weeks in any 2 months; or B. 2000 - 0630: 1 period of up to 2 consecutive nights in any 10 days; (ii) construction vibration is either predicted or measured to exceed the Category B standard at the receivers in Condition 24. (b) The objective of the Schedule is to set out the Best Practicable Option measures to manage noise and/or vibration effects of the construction activity beyond those measures set out in the CNVMP. (c) To achieve the objective, the Schedule shall include details such as: (i) construction activity location, start and finish dates; (ii) the nearest neighbours to the construction activity; (iii) the predicted noise and/or vibration level for all receivers where the levels are predicted or measured to exceed the applicable standards and predicted duration of the exceedance; (iv) for works proposed between 2000h and 0630h, the reasons why the proposed works must be undertaken during these hours and why they cannot be practicably undertaken during the daytime; (v) the proposed mitigation options that have been selected, and the options that have been discounted as being impracticable and the reasons why; (vi) the consultation undertaken with owners and occupiers of sites subject to the Schedule, and how consultation has and has not been taken into account; and (vii) location, times and types of monitoring. (d) The Schedule shall be submitted to the Manager for Certification at least five working days (except in unforeseen circumstances) in advance of Construction Works that are covered by the scope of the Schedule and shall form part of the CNVMP. (e) The CNVMP Schedule shall be deemed certified five working days from the submission of the CNVMP Schedule where no written confirmation of Certification has been received. (f) Where material changes are made to a Schedule required by this condition, the Requiring Authority shall consult the owners and/or occupiers of sites subject to the Schedule prior to submitting the amended Schedule to the Manager for Certification in accordance with (d) above. The amended Schedule shall document the consultation undertaken with those owners and occupiers, and how consultation outcomes have and have not been taken into account.

27.	Historic Heritage Management Plan (HHMP) (a) A HHMP shall be prepared in consultation with Council, HNZPT and Mana Whenua prior to the Start of Construction for a Stage of Work. The objective of the HHMP is to protect historic heritage and to remedy and mitigate any residual effects as far as practicable. (b) To achieve the objective, the HHMP shall identify: (i) any adverse direct and indirect effects on historic heritage sites and measures to appropriately avoid, remedy or mitigate any such effects, including a tabulated summary of these effects and measures; (ii) methods for the identification and assessment of potential historic heritage places within the designation to inform detailed design; (iii) known historic heritage places and potential archaeological sites within the designation, including identifying any archaeological sites for which an Archaeological Authority under the HNZPTA will be sought or has been granted; (iv) any unrecorded archaeological sites or post-1900 heritage sites within the designation, which shall also be documented and recorded; (v) roles, responsibilities and contact details of project personnel, Council and HNZPT representatives, Mana Whenua representatives, and relevant agencies involved with heritage and archaeological matters including surveys, monitoring of Construction Works, compliance with AUP accidental discovery rule, and monitoring of conditions; (vi) specific areas to be investigated, monitored and recorded to the extent these are directly affected by the project; (vii) the proposed methodology for investigating and recording post-1900 historic heritage sites (including buildings) that need to be destroyed, demolished or relocated, including details of their condition, measures to mitigate any adverse effects and timeframe for implementing the proposed methodology, in accordance with the HNZPT Archaeological Guidelines Series No.1: Investigation and Recording of Buildings and Standing Structures (November 2018), or any subsequent version; (viii) methods to acknowledge cultural values identified through Condition 15 where archaeological sites also involve ngā taonga tuku iho (treasures handed down by our ancestors) and where feasible and practicable to do so; (ix) methods for avoiding, remedying or mitigating adverse effects on historic heritage places and sites within the designation during Construction Works as far as practicable. These methods shall include, but are not limited to: A. security fencing or hoardings around historic heritage places to protect them from damage during construction or unauthorised access; B. measures to mitigate adverse effects on historic heritage sites that achieve positive historic heritage outcomes such as increased public awareness and interpretation signage; and C. training requirements and inductions for contractors and subcontractors on historic heritage places within the designation, legal obligations relating to unexpected discoveries and the AUP Accidental Discovery Rule (E11.6.1). The training shall be undertaken prior to the Start of Construction, under the guidance of a Suitably Qualified Person and Mana Whenua representatives (to the extent the training relates to cultural values identified under Condition 15). Advice note: Accidental Discoveries The requirements for accidental discoveries of heritage items are set out in Rule E11.6.1 of the AUP.

28.	Pre-Construction Ecological Survey (a) At the start of detailed design for a Stage of Work, an updated ecological survey shall be undertaken in the relevant geographic area by a Suitably Qualified Person. The purpose of the survey is to inform ecological management by: (i) confirming whether the species of value within the Identified Biodiversity Areas recorded in the Identified Biodiversity Area Schedule 3 are still present; and (ii) confirming whether the project will or is likely to have a moderate or greater level of ecological effect on species of value (prior to implementation of impact management measures). The level of effect shall be determined in accordance with Table 10 of the EIANZ Guidelines (or subsequent updated version of that table) as included in Schedule 4 of these conditions. (b) If the ecological survey confirms the presence of ecological species of value in accordance with Condition 28(a)(i) and that effects are likely in accordance with Condition 28(a)(ii) then an Ecological Management Plan (or Plans) shall be prepared in accordance with Condition 29 for these areas (Confirmed Biodiversity Areas).
29.	Ecological Management Plan (EMP) (a) An EMP shall be prepared for any Confirmed Biodiversity Areas (confirmed through Condition 28) prior to the Start of Construction for a Stage of Work. The objective of the EMP is to minimise effects of the project on the ecological features of value in Confirmed Biodiversity Areas as far as practicable. (b) If an EMP is required in accordance with (a) for the presence of long tail bats, the EMP may include the following to achieve the objective: (i) measures to minimise as far as practicable, disturbance from construction activities within 50m of any active long tail bat roosts that are discovered through survey until such roosts are confirmed to be vacant of bats; (ii) timing of any Construction Works within 50m of any active maternity long tail bat roosts. Those Construction Works shall be undertaken outside the bat maternity period (between December and March) where reasonably practicable; (iii) details of areas where vegetation is to be retained and where additional planting is proposed to be provided and maintained for the purposes of the connectivity of long tail bat habitats; and (iv) details of measures to minimise any operational disturbance from light spill. (c) The EMP shall be consistent with any ecological management measure to be undertaken in compliance with conditions of any regional resource consents granted for the project. Advice note: Depending on the potential effects of the project, the regional consents for the project may include the following monitoring and management plans: (i) stream and/or wetland restoration plans; (ii) vegetation restoration plans; and (iii) fauna management plans (e.g. avifauna).

30.	Network Utility Management Plan (NUMP) (a) A NUMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the NUMP is to set out a framework for protecting, relocating and working in proximity to existing network utilities. (b) To achieve the objective, the NUMP shall include methods to: (i) provide access for maintenance at all reasonable times, or emergency works at all times during construction activities; (ii) protect and where necessary, relocate existing network utilities; (iii) manage the effects of dust and any other material potentially resulting from construction activities and able to cause material damage, beyond normal wear and tear to overhead transmission lines in the project area; (iv) demonstrate compliance with relevant standards and Codes of Practice including, where relevant, the NZECP 34:2001 New Zealand Electrical Code of Practice for Electrical Safe Distances 2001; AS/NZS 4853:2012 Electrical hazards on Metallic Pipelines, and AS/NZS 2885 Pipelines – Gas and Liquid Petroleum. (c) The NUMP shall be prepared in consultation with the relevant Network Utility Operator(s) who have existing assets that are directly affected by the project. (d) The development of the NUMP shall consider opportunities to coordinate future work programmes with other Network Utility Operator(s) during detailed design where practicable. (e) The NUMP shall describe how any comments from the Network Utility Operator in relation to its assets have been addressed. (f) Any comments received from the Network Utility Operator shall be considered when finalising the NUMP. (g) Any amendments to the NUMP related to the assets of a Network Utility Operator shall be prepared in consultation with that asset owner.
31.	Network Integration Management Plan (NIMP) (a) At least six months prior to the start of detailed design for a Stage of Work, the Requiring Authority shall prepare, in collaboration with other relevant road controlling authorities, a NIMP. (b) The objective of the NIMP is to identify how the project will integrate with the planned transport network in the North Growth Area to achieve an effective, efficient and safe land transport system. To achieve this objective, the NIMP shall include details of the: (i) project implementation approach and any staging of the project, including both design, management and operational matters; and (ii) sequencing of the project with the planned transport network, including both design, management and operational matters.
Operational conditions	

32.	Low Noise Road Surface (a) Asphaltic concrete surfacing (or equivalent low noise road surface) shall be implemented within 12 months of Completion of Construction of the project.
33.	Future Resurfacing Work (a) Any future resurfacing works of the project shall be undertaken in accordance with the Auckland Transport Reseal Guidelines, Asset Management and Systems 2013 or any updated version and asphaltic concrete surfacing (or equivalent low noise road surface) shall be implemented where: (i) the volume of traffic exceeds 10,000 vehicles per day; or (ii) the road is subject to high wear and tear (such as cul de sac heads, roundabouts and main road intersections); or (iii) it is in an industrial or commercial area where there is a high concentration of truck traffic; or (iv) it is subject to high usage by pedestrians, such as town centres, hospitals, shopping centres and schools. (b) Prior to commencing any future resurfacing works, the Requiring Authority shall advise the Manager if any of the triggers in Condition 33(a)(i) – (iv) are not met by the road or a section of it and therefore where the application of asphaltic concrete surfacing (or equivalent low noise road surface) is no longer required on the road or a section of it. Such advice shall also indicate when any resealing is to occur.

Attachments

Schedule 1: General Accordance Plans and Information

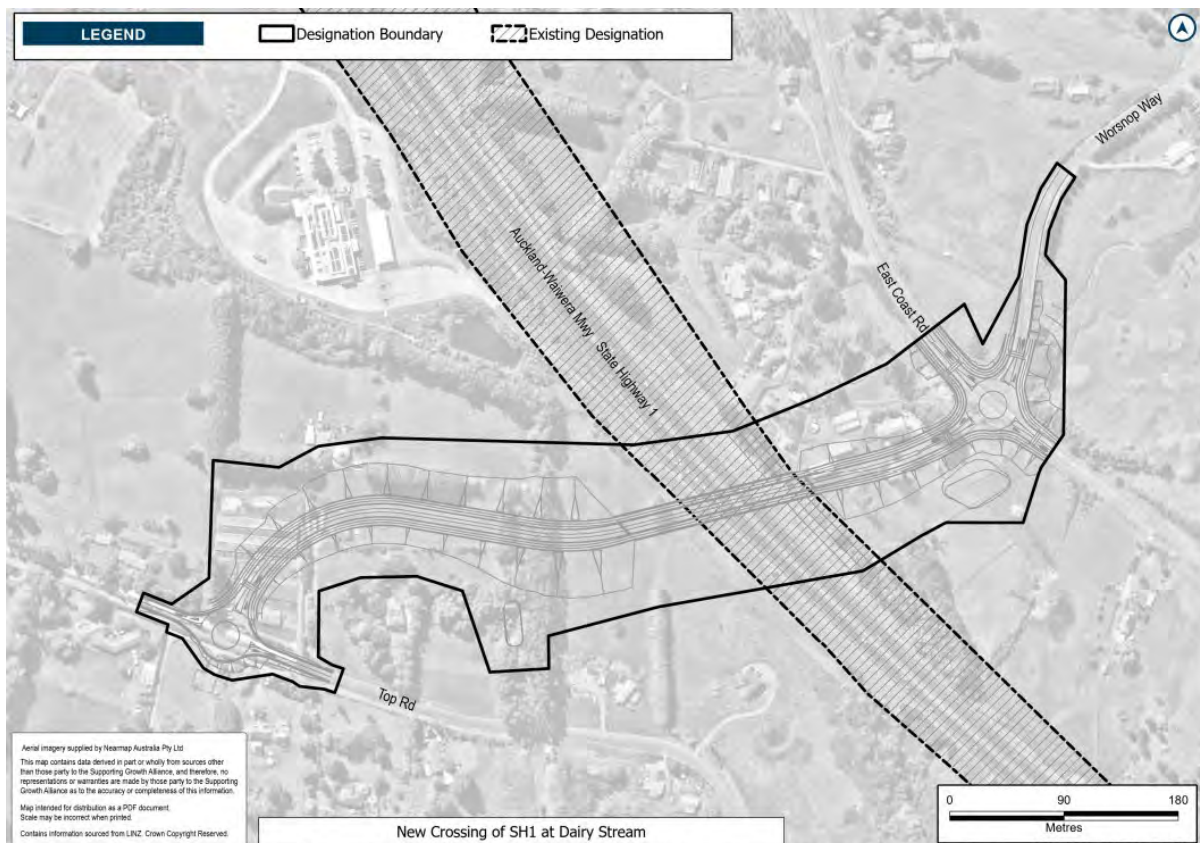
Project Description

The proposed work is the construction, operation and maintenance of a new urban arterial which crosses State Highway 1 in the vicinity of Dairy Stream, between Top Road in Dairy Flat and East Coast Road in Stillwater, including active transport facilities and associated infrastructure.

The proposed work is shown in the following Concept Plan and includes:

- Construction of an urban arterial with walking and cycling facilities.
- Tie-ins with existing roads and localised widening around the existing intersections to accommodate new intersection forms.
- New or upgraded stormwater management systems, bridges and culverts (where applicable).
- Batter slopes, and associated cut and fill activities (earthworks).
- Vegetation removal.
- Other construction related activities required outside the permanent corridor including the re-grade of driveways, construction traffic manoeuvring and construction laydown areas.

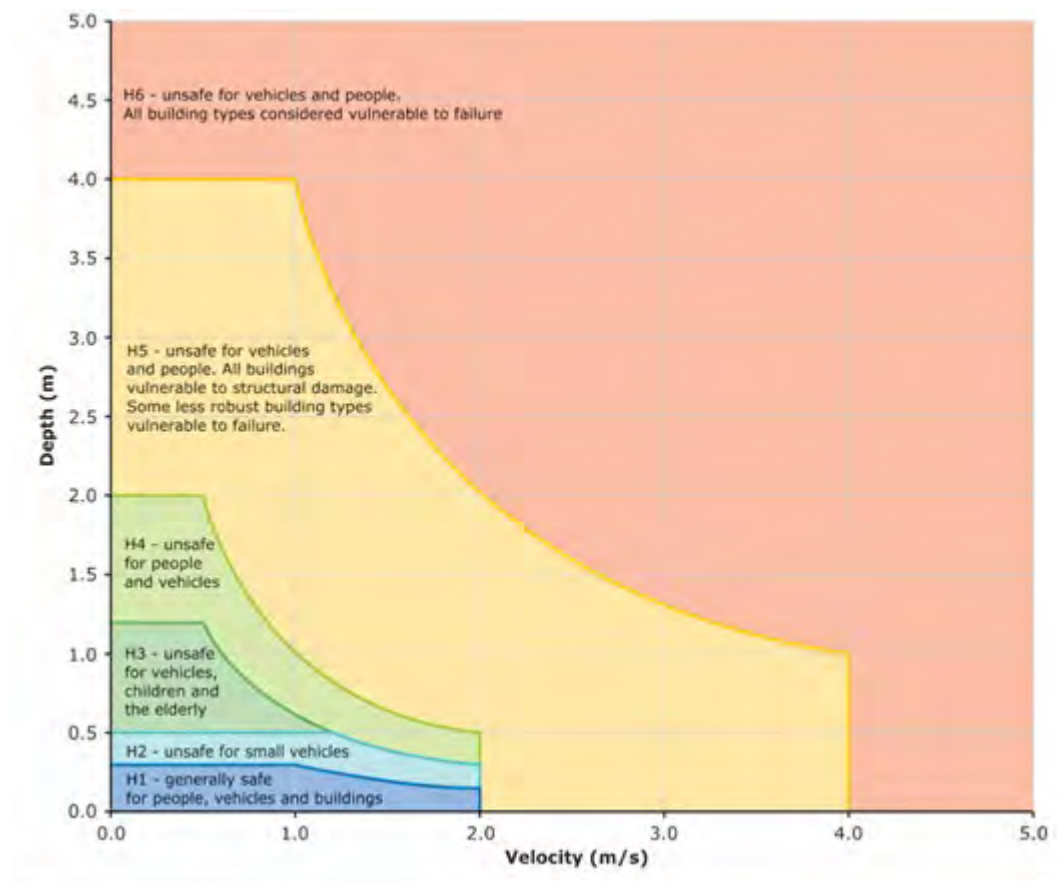
Concept Plan



Schedule 2 – Flood Hazard Class

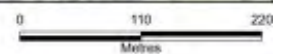
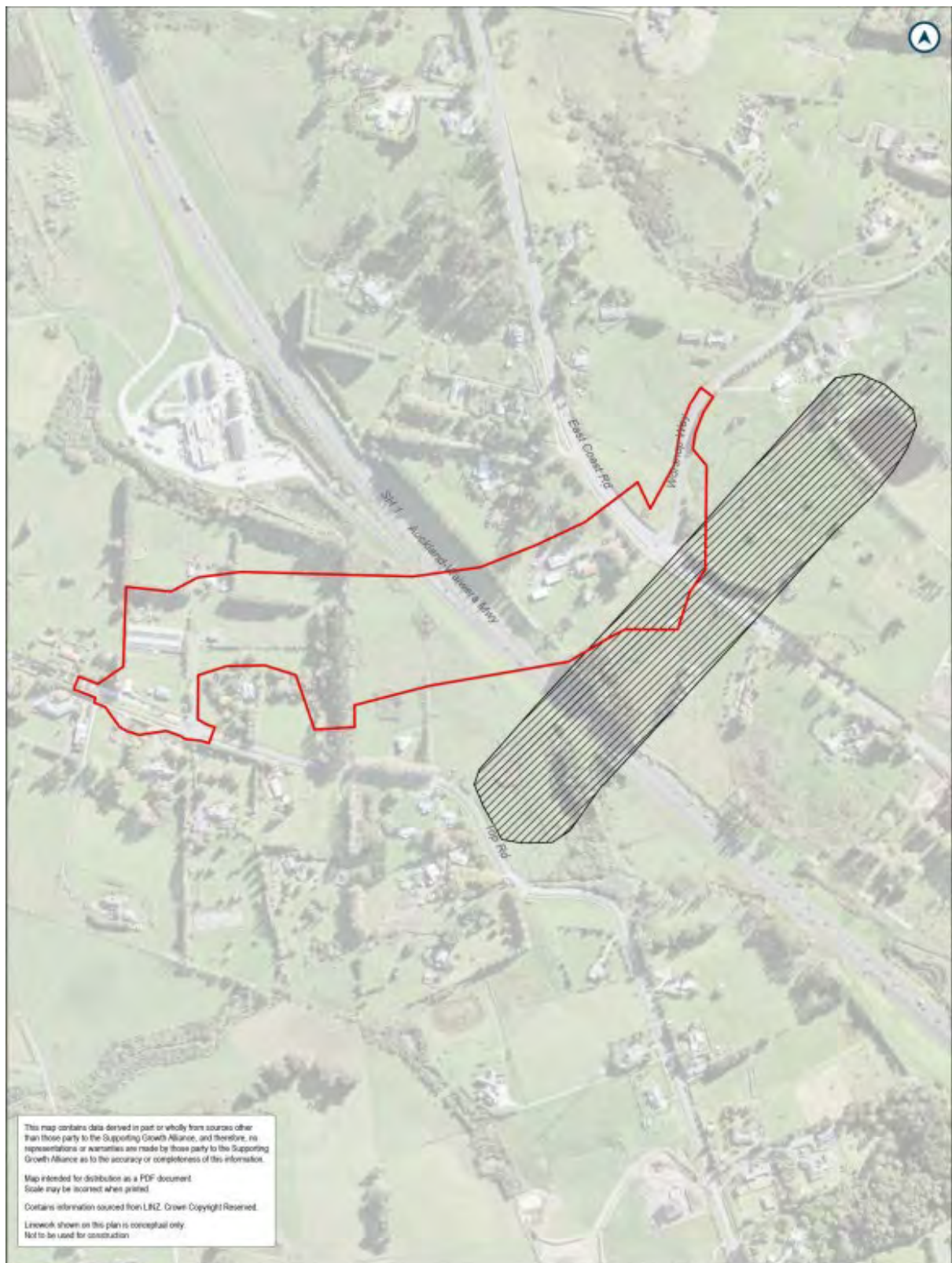
The combined flood hazard curves shown below set hazard thresholds that relate to the vulnerability of the community when interacting with floodwaters. The combined curves are divided into hazard classifications that relate to specific vulnerability thresholds

The vulnerability thresholds identified in the flood hazard curves can be applied to the best description of flood behaviour available for a subject site. In this regard, the hazard curves can be applied equally to flood behaviour estimates from measured data, simpler 1D numerical modelling approaches, through to complex 2D model estimates with the level of accuracy and uncertainty of the flood hazard estimate linked to the method used to derive the flood behaviour estimate.



Source: Australian Rainfall and Runoff, Book 6, 2019

Schedule 3: Identified Biodiversity Areas



Schedule 4: Table 10 of the 2018 EIANZ Guidelines

Criteria for describing level of effects (Adapted from Regini (2000) and Boffa Miskell (2011))

Ecological Value → Magnitude ↓	Very high	High	Moderate	Low	Negligible
Very high	Very high	Very high	High	Moderate	Low
High	Very high	Very high	Moderate	Low	Very low
Moderate	High	High	Moderate	Low	Very low
Low	Moderate	Low	Low	Very low	Very low
Negligible	Low	Very low	Very low	Very low	Very low
Positive	Net gain	Net gain	Net gain	Net gain	Net gain

Appendix B – Auckland Transport’s Modifications to NoR 6 conditions (clean)

[XXXX] New Connection between Milldale and Grand Drive

Designation Number	[XXXX]
Requiring Authority	Auckland Transport
Location	Between Wainui Road in Milldale and Grand Drive in Upper Ōrewa
Lapse Date	In accordance with section 184(1)(c) of the RMA, this designation shall lapse if not given effect to within 30 years from the date on which it is included in the AUP.

Purpose

The construction, operation and maintenance of an arterial transport corridor and associated facilities.

Conditions

Abbreviations and definitions

Acronym/Term	Definition
Activity sensitive to noise	Any dwelling, visitor accommodation, boarding house, marae, papakāinga, integrated residential development, retirement village, supported residential care, care centre, lecture theatre in a tertiary Education Facility, classroom in an Education Facility and healthcare facility with an overnight stay facility
AUP	Auckland Unitary Plan
BPO or Best Practicable Option	Has the same meaning as in section 2 of the RMA 1991
CEMP	Construction Environmental Management Plan
Certification of material changes to management plans	Confirmation from the Manager that a material change to a management plan has been prepared in accordance with the condition to which it relates. A material change to a management plan shall be deemed certified: (a) where the Requiring Authority has received written confirmation from the Manager that the material change to the management plan is certified; or (b) 10 working days from the submission of the material change to the management plan where no written confirmation of certification has been received
CMP	Cultural Monitoring Plan
CNVMP	Construction Noise and Vibration Management Plan
CNVMP Schedule or Schedule	A schedule to the CNVMP
Completion of Construction	When construction of the project (or part of the project) is complete and it is available for use
Confirmed Biodiversity Areas	Areas recorded in the Identified Biodiversity Area Schedule where the ecological values and effects have been confirmed through the ecological survey under Condition 28
Construction Works	Activities undertaken to construct the project excluding Enabling Works
Council	Auckland Council
CTMP	Construction Traffic Management Plan
Developer	Any legal entity that intends to master plan or develop land adjacent to the designation
Development Agency	Public entities involved in development projects

Education Facility	Facility used for education to secondary level. Includes: - schools and outdoor education facilities; and - accommodation, administrative, cultural, religious, health, retail and communal facilities accessory to the above. Excludes: - care centres; and - tertiary education facilities.
EIANZ Guidelines	Ecological Impact Assessment: EIANZ Guidelines for use in New Zealand: terrestrial and freshwater ecosystems, second edition, dated May 2018
EMP	Ecological Management Plan
Enabling Works	Includes, but is not limited to, the following and similar activities: (a) geotechnical investigations (including trial embankments); (b) archaeological site investigations; (c) formation of access for geotechnical investigations; (d) establishment of site yards, site entrances and fencing; (e) constructing and sealing site access roads; (f) demolition or removal of buildings and structures; (g) relocation of services; and (h) establishment of mitigation measures (such as erosion and sediment control measures, temporary noise walls, earth bunds and planting)
HHMP	Historic Heritage Management Plan
HNZPT	Heritage New Zealand Pouhere Taonga
HNZPTA	Heritage New Zealand Pouhere Taonga Act 2014
Identified Biodiversity Area	Means an area or areas of features of ecological value where the project ecologist has identified that the project will potentially have a moderate or greater level of ecological effect, prior to implementation of impact management measures, as determined in accordance with the EIANZ Guidelines
Manager	The Manager – Resource Consents of the Auckland Council, or authorised delegate
Mana Whenua	Mana Whenua as referred to in the conditions are considered to be, but not limited to, the following (in no particular order), who at the time of Notice of Requirement expressed a desire to be involved in the project: (a) Ngāti Manuhiri (b) Te Kawerau ā Maki (c) Te Ākitai Waiohū (d) Ngāti Whanaunga (e) Te Runanga o Ngāti Whātua (f) Ngāti Maru (g) Te Patu Kirikiri (h) Ngāti Whātua o Kaipara (i) Ngāti Tamaterā (j) Ngai Tai ki Tāmaki (k) Ngāti Paoa Iwi Trust (l) Ngāti Paoa Trust Board Note: other iwi not identified above may have an interest in the project and should be consulted
Network Utility Operator	Has the same meaning as set out in section 166 of the RMA
NIMP	Network Integration Management Plan
NoR	Notice of Requirement

North Growth Area	Land for future urban development in the North of Auckland, including Future Urban zoned areas in Ara Hills, Ōrewa, Wainui East, Silverdale West, Redvale and Dairy Flat
NUMP	Network Utilities Management Plan
Outline Plan	An outline plan prepared in accordance with section 176A of the RMA
Overland Flow Path	Means a low point in terrain, excluding a permanent watercourse or intermittent river or stream, where surface runoff will flow, with an upstream contributing catchment exceeding 4,000m ²
Project Liaison Person	The person or persons appointed for the duration of the project's Construction Works to be the main point of contact for persons wanting information about the project or affected by the Construction Works
Protected Premises and Facilities (PPF)	Protected Premises and Facilities as defined in New Zealand Standard NZS 6806:2010: <i>Acoustics – Road-traffic noise – New and altered roads</i>
Requiring Authority	Has the same meaning as section 166 of the RMA and, for this designation is Auckland Transport
RMA	Resource Management Act 1991
SCEMP	Stakeholder Communication and Engagement Management Plan
Stakeholder	Stakeholders to be identified in accordance with Condition 4, which may include as appropriate: (a) adjacent owners and occupiers; (b) adjacent business owners and operators; (c) central and local government bodies; (d) community groups; (e) developers; (f) development agencies; (g) Education Facilities; and (h) Network Utility Operators.
Stage of Work	Any physical works that require the development of an Outline Plan
Start of Construction	The time when Construction Works (excluding Enabling Works) start
Suitably Qualified Person	A person (or persons) who can provide sufficient evidence to demonstrate their suitability, experience and competence in the relevant field of expertise.
ULDMP	Urban and Landscape Design Management Plan

General conditions	
1.	Activity in General Accordance with Plans and Information (a) Except as provided for in the conditions below, and subject to final design and Outline Plan(s), works within the designation shall be undertaken in general accordance with the project description and concept plan in Schedule 1. (b) Where there is inconsistency between: (i) the project description and concept plan in Schedule 1 and the requirements of the following conditions, the conditions shall prevail; (ii) the project description and concept plan in Schedule 1, and the management plans under the conditions of the designation, the requirements of the management plans shall prevail.
2.	Project Information (a) A project website, or equivalent virtual information source, shall be established as soon as reasonably practicable, and within six months of the inclusion of this designation in the AUP. This shall be updated as required so it remains current. (b) All directly affected owners and occupiers shall be notified in writing as soon as reasonably practicable once the website or equivalent information source has been established. The project website or virtual information source shall include these conditions and shall provide information on: (i) the status of the project; (ii) anticipated construction timeframes; (iii) contact details for enquiries; (iv) the implications of the designation for landowners, occupiers and business owners and operators within the designation and where they can receive additional advice; (v) a subscription service to enable receipt of project updates by email; (vi) the types of activities that can be undertaken by landowners without the need for written consent to be obtained under s176(1)(b) of the RMA; and (vii) when and how to apply for consent for works in the designation under section 176(1)(b) of the RMA. (c) At ten yearly intervals from the inclusion of this designation in the AUP until the start of detailed design, the Requiring Authority shall identify appropriate methods with the relevant Local Board(s) to: (i) inform the wider community of the project status; and (ii) raise awareness of the project website. (d) At the start of detailed design for a Stage of Work, the project website or virtual information source shall be updated to provide information on the likely date for Start of Construction, and any Staging of Works.

3.	Land use Integration Process (a) The Requiring Authority shall set up a Land use Integration Process for the period between confirmation of the designation and the Start of Construction. The purpose of this process is to encourage and facilitate the integration of master planning and land use development activity on land directly affected or adjacent to the designation. To achieve this purpose: (i) the Requiring Authority shall include the contact details of a nominated contact on the project website (or equivalent information source) required to be established by Condition 2(b)(iii); and (ii) the nominated contact shall be the main point of contact for a Developer or Development Agency wanting to work with the Requiring Authority to integrate their development plans or master planning with the designation. (b) At any time prior to the Start of Construction, the nominated contact will be available to engage with a Developer or Development Agency for the purpose of: (i) responding to requests made to the Requiring Authority for information regarding design details that could assist with land use integration; and (ii) receiving information from a Developer or Development Agency regarding master planning or land development details that could assist with land use integration. (c) Information requested or provided under Condition 3(b) above may include but not be limited to the following matters: (i) design details including but not limited to: A. boundary treatment (e.g. the use of retaining walls or batter slopes); B. the horizontal and vertical alignment of the road (levels); C. potential locations for mid-block crossings; D. integration of stormwater infrastructure; and E. traffic noise modelling contours. (ii) potential modifications to the extent of the designation in response to information received through Condition 3(b)(ii); (iii) a process for the Requiring Authority to undertake a technical review of or provide comments on any master planning or development proposal advanced by the Developer or Development Agency as it relates to integration with the project; and (iv) details of how to apply for written consent from the Requiring Authority for any development proposal that relates to land that is within the designation under section 176(1)(b) of the RMA. (d) Where information is requested from the Requiring Authority and is available, the nominated contact shall provide the information unless there are reasonable grounds for not providing it. (e) The nominated contact shall maintain a record of the engagement between the Requiring Authority and Developers and Development Agencies for the period following the date in which this designation is included in the AUP through to the Start of Construction for a Stage of Work. The record shall include: (i) details of any requests made to the Requiring Authority that could influence detailed design, the results of any engagement and, where such requests that could influence detailed design are declined, the reasons why the Requiring Authority has declined the requests; and (ii) details of any requests to co-ordinate the forward work programme, where appropriate, with Development Agencies and Network Utility Operators. (f) The record shall be submitted to Council for information 10 working days prior to the Start of Construction for a Stage of Work

4.	Stakeholder Communication and Engagement Design (a) At least six months prior to the start of detailed design for a Stage of Work, the Requiring Authority shall identify: (i) a list of Stakeholders; (ii) a list of properties within the designation which the Requiring Authority does not own or have occupation rights to; and (iii) methods to engage with Stakeholders and the owners and occupiers of properties identified in (a)(i) – (ii) above. (b) A record of (a) shall be submitted to the Manager for information with an Outline Plan for the relevant Stage of Work.
5.	Designation Review <u>Pre-construction review</u> If the land adjacent to the designation is re-zoned from Future Urban or any live urban zone to any rural zone (once made operative in the Auckland Unitary Plan), the Requiring Authority shall review the extent of the designation. In carrying out this review, the Requiring Authority shall: (i) Consider the implications of any zoning change and integration of land use with the transport network in the North Growth Area; (ii) Identify whether any areas of designated land are no longer required for the construction, operation, maintenance or mitigation of effects of the project; and (iii) Consider whether the boundaries of the designation require modification in accordance with section 182 of the RMA. <u>Post-construction review</u> As soon as reasonably practicable following Completion of Construction, the Requiring Authority shall: (i) review the extent of the designation to identify any areas of designated land that it no longer requires for the on-going operation, maintenance or mitigation of effects of the project; and (ii) give notice to the Manager in accordance with section 182 of the RMA for the removal of those parts of the designation identified above.
6.	Lapse In accordance with section 184(1)(c) of the RMA, this designation shall lapse if not given effect to within 30 years from the date on which it is included in the AUP.
7.	Network Utility Operators (Section 176 Approval) (a) Prior to the Start of Construction, Network Utility Operators with existing infrastructure located within the designation will not require written consent under section 176 of the RMA for the following activities: (i) operation, maintenance and repair works; (ii) minor renewal works to existing network utilities necessary for the on-going provision or security of supply of network utility operations; (iii) minor works such as new service connections; and (iv) the upgrade and replacement of existing network utilities in the same location with the same or similar effects on the works authorised by the designation as the existing utility. (b) To the extent that a record of written approval is required for the activities listed above, this condition shall constitute written approval.

8.	General Section 176 Approval (a) Prior to the start of the formal acquisition process under the Public Works Act 1981 for a property, or submission of the Outline Plan, persons on properties zoned Rural or Future Urban will not require written consent under section 176 of the RMA for the following activities: (i) Internal alterations; (ii) Repair of existing utility services; (iii) One extension to an existing structure as at 2023, up to 30m²; and (iv) Temporary or relocatable structures, provided they are removed from the site and the land is reinstated (including closing and capping any associated services) at the landowner's expense prior to the Start of Construction. The landowner shall be responsible for any resource consent required for the structures, their removal or relocation. (b) To the extent that a record of written approval is required for the activities listed above, this condition shall constitute written approval.
Pre-construction conditions	
9.	Outline Plan (a) An Outline Plan (or Plans) shall be prepared in accordance with section 176A of the RMA. (b) Outline Plans (or Plan) may be submitted in parts or in stages to address particular activities (e.g. design or construction aspects), or a Stage of Work of the project. (c) Outline Plans shall include any management plan or plans that are relevant to the management of effects of those activities or Stage of Work, which may include: (i) Construction Environmental Management Plan; (ii) Construction Traffic Management Plan; (iii) Construction Noise and Vibration Management Plan; (iv) Urban and Landscape Design Management Plan; (v) Historic Heritage Management Plan; (vi) Ecological Management Plan; (vii) Network Utilities Management Plan; and (viii) Network Integration Management Plan.
	Flood Hazard For the purpose of Condition 10: (a) AEP – means Annual Exceedance Probability; (b) Existing Authorised Habitable Floor – means the floor level of any room (floor) in a residential building which is authorised and exists at the time the Outline Plan is submitted, excluding a laundry, bathroom, toilet or any room used solely as an entrance hall, passageway or garage; (c) Flood Prone Area – means potential ponding areas that may flood in a 1% AEP event and commonly comprise of topographical depression areas. The areas can occur naturally or as a result of constructed features. Identification of a potential Flood Prone Area would be by an assessment of residual flood risk in a 1% AEP event (e.g. from blockage of the project stormwater network) on land outside and adjacent to the designation following the application of Conditions (10)(a)(i) – (iv). (d) Maximum Probable Development – is the design case for consideration of future flows allowing for development within a catchment that takes into account the maximum impervious surface limits of the current zone or if the land is zoned Future Urban in the AUP, the probable level of development arising from zone changes; (e) Pre-Project Development – means existing site condition prior to the project (including existing buildings and roadways); and (f) Post-Project Development – means site condition after the project has been completed (including existing and new buildings and roadways).

10.	Flood Hazard (a) The project shall be designed to achieve the following flood risk outcomes beyond the boundary of the designation: (i) no increase in flood levels in a 1% AEP event for Existing Authorised Habitable Floors that are already subject to flooding or have a freeboard less than 500mm; (ii) no increase in flood levels in a 1% AEP event for authorised community, commercial, industrial and network utility building floors existing at the time the Outline Plan is submitted that are already subject to flooding or have a freeboard less than 300mm; (iii) maximum of 50mm increase in flood levels in a 1% AEP event outside and adjacent to the designation boundary between the Pre-Project Development and Post-Project Development scenarios; (iv) no increase of Flood Hazard Class for the main access to authorised habitable dwellings existing at the time the Outline Plan is submitted. The assessment shall be undertaken for the 1% AEP rainfall event and reference the hazard class in accordance with Schedule 2 to these conditions; and (v) no new Flood Prone Areas. (b) Compliance with this condition shall be demonstrated in the Outline Plan, which shall include flood modelling of the Pre-Project Development and Post-Project Development 1% AEP flood levels (for Maximum Probable Development land use with allowances for climate change). (c) Where: (i) the flood risk outcomes in (a) can be achieved through alternative measures outside of the designation such as flood stop banks, flood walls, raising Existing Authorised Habitable Floor level and new overland flow paths; or (ii) the outcomes are varied at specific location(s) through agreement with the relevant landowner, confirmation shall be provided to the Manager that any necessary landowner agreement and statutory approvals have been obtained for that alternative measure or varied outcome.
11.	Overland Flow Paths Where the project modifies an Overland Flow Path by either: • diverting the entry or exit point at the designation boundary; or • piping, or reducing its capacity; the design shall provide for the continued passage of flow in a manner which manages potential effects upstream and downstream of the modified Overland Flow Path.
12.	Existing property access Prior to submission of the Outline Plan, consultation shall be undertaken with landowners and occupiers whose vehicle access to their property will be altered by the project. The Outline Plan shall demonstrate how safe reconfigured or alternate access will be provided, unless otherwise agreed with the affected landowner.

13.	Management Plans (a) Any management plan shall: (i) be prepared and implemented in accordance with the relevant management plan condition; (ii) be prepared by a Suitably Qualified Person(s); (iii) include sufficient detail relating to the management of effects associated with the relevant activities and/or Stage of Work to which it relates; (iv) be submitted as part of an Outline Plan pursuant to section 176A of the RMA, with the exception of SCEMPs and CNVMP Schedules; and (v) once finalised, uploaded to the project website or equivalent virtual information source. (b) Any management plan developed in accordance with Condition 13 may: (i) be submitted in parts or in stages to address particular activities (e.g. design or construction aspects), a Stage of Work of the project, or to address specific activities authorised by the designation; and (ii) except for material changes, be amended to reflect any changes in design, construction methods or management of effects without further process; (c) Information shall be submitted with the management plan (or revised plan as referred to in (d) below) which summarises outcomes of consultation and any input received from Mana Whenua and Stakeholders as required by the relevant management plan condition. The summary shall note how this input has been incorporated or reflected in the management plan, or if not, the reasons why; (d) If there is a material change required to a management plan which has been submitted with an Outline Plan, the revised part of the plan shall be submitted to the Manager as an update to the Outline Plan or for Certification as soon as practicable following identification of the need for a revision; and (e) Any material changes to the SCEMP(s) are to be submitted to the Manager for information.
14.	Stakeholder Communication and Engagement Management Plan (SCEMP) (a) A SCEMP shall be prepared in consultation with relevant Stakeholders prior to the Start of Construction. The objective of the SCEMP is to identify how the public and Stakeholders will be engaged with throughout Construction Works. (b) To achieve the objective, the SCEMP shall include: (i) a list of Stakeholders; (ii) the contact details for the Project Liaison Person. These details shall be on the project website, or equivalent virtual information source, and prominently displayed at the main entrance(s) to the site(s); (iii) methods for engaging with Mana Whenua, to be developed in consultation with Mana Whenua; (iv) methods and timing to engage with owners and occupiers whose access is directly affected; (v) methods to communicate key project milestones and the proposed hours of construction activities including outside of normal working hours and on weekends and public holidays, to the parties identified in (b)(i) above; and (vi) linkages and cross-references to communication and engagement methods set out in other conditions and management plans where relevant. (c) Any SCEMP prepared for a Stage of Work shall be submitted to the Manager for information a minimum of 10 working days prior to the Start of Construction for a Stage of Work.

15.	Cultural Advisory Report (a) At least six months prior to the start of detailed design for a Stage of Work, Mana Whenua shall be invited to prepare a Cultural Advisory Report for the project. The objective of the Cultural Advisory Report is to assist in understanding and identifying ngā taonga tuku iho (treasures handed down by our ancestors) affected by the project, to inform their management and protection. (b) To achieve the objective, the Requiring Authority shall invite Mana Whenua to prepare a Cultural Advisory Report that: (i) identifies the cultural sites, landscapes and values that have the potential to be affected by the construction and operation of the project; (ii) sets out the desired outcomes for management of potential effects on cultural sites, landscapes and values; (iii) identifies traditional cultural practices within the area that may be impacted by the project; (iv) identifies opportunities for restoration and enhancement of identified cultural sites, landscapes and values within the project area; (v) taking into account the outcomes of (i) to (iv) above, identify cultural matters and principles that should be considered in the development of the ULDMP (Condition 16) and HHMP (Condition 27) and the CMP referred to in Condition 21; and (vi) identifies and (if possible) nominates traditional names along the project alignment. Noting there may be formal statutory processes outside the project required in any decision-making. (c) The desired outcomes for management of potential effects on cultural sites, landscapes and values identified in the Cultural Advisory Report shall be discussed with Mana Whenua and those outcomes reflected in the relevant management plans where practicable; and (d) Conditions 15(b) and (c) will cease to apply if: (i) Mana Whenua have been invited to prepare a Cultural Advisory Report by a date at least six months prior to the Start of Construction; and (ii) Mana Whenua have not provided a Cultural Advisory Report within six months prior to the Start of Construction.
	Urban and Landscape Design Management Plan (ULDMP)
16.	(a) A ULDMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the ULDMP(s) is to: (i) enable integration of the project's permanent works into the surrounding landscape and urban context; and (ii) ensure that the project manages potential adverse landscape and visual effects as far as practicable and contributes to a quality urban environment. (b) Mana Whenua shall be invited to participate in the development of the ULDMP(s) to provide input into relevant cultural landscape and design matters including how desired outcomes for management of potential effects on cultural sites, landscapes and values identified and discussed in the Cultural Advisory Report in Condition 15 may be reflected in the ULDMP. (c) Relevant Stakeholders shall be invited to participate in the development of the ULDMP at least six months prior to the start of detailed design for a Stage of Work.

17.	(a) To achieve the objective set out in Condition 16, the ULDMP(s) shall provide details of how the project: (i) is designed to integrate with the adjacent urban (or proposed urban) and landscape context, including the surrounding existing or proposed topography, urban environment (eg. centres and density of built form), natural environment, landscape character and open space zones; (ii) provides appropriate walking and cycling connectivity to, and interfaces with, existing or proposed adjacent land uses, public transport infrastructure and walking and cycling connections; (iii) promotes inclusive access (where appropriate); (iv) promotes a sense of personal safety by aligning with best practice guidelines, such as: A. Crime Prevention Through Environmental Design (CPTED) principles; B. Safety in Design (SID) requirements; and C. Maintenance in Design (MID) requirements and anti-vandalism/anti-graffiti measures; (v) has responded to matters identified through the Land use Integration Process (Condition 3); and (b) The ULDMP shall be prepared in general accordance with: (i) Auckland Transport's Urban Roads and Streets Design Guide, or any subsequent or updated version; (ii) New Zealand Transport Agency Urban Design Guidelines: Bridging the Gap (2013) or any subsequent updated version; (iii) New Zealand Transport Agency Landscape Guidelines (2018) or any subsequent updated version; (iv) New Zealand Transport Agency P39 Standard Specification for Highway Landscape Treatments (2013) or any subsequent updated version; and (v) Auckland's Urban Ngahere (Forest) Strategy or any subsequent updated version.

18.	The ULDMP(s) shall include: (a) a concept plan – which depicts the overall landscape and urban design concept, and explain the rationale for the landscape and urban design proposals; (b) developed design concepts, including principles for walking and cycling facilities and public transport; (c) landscape and urban design details – that cover the following: (i) road design – elements such as intersection form, carriageway gradient and associated earthworks contouring including cut and fill batters and the interface with adjacent land uses and existing roads (including slip lanes), benching, spoil disposal sites, median width and treatment, roadside width and treatment; (ii) roadside elements – such as lighting, fencing, wayfinding and signage; (iii) architectural and landscape treatment of all major structures, including bridges and retaining walls; (iv) architectural and landscape treatment of noise barriers; (v) landscape treatment and planting of permanent stormwater control wetlands and swales; (vi) integration of passenger transport; (vii) pedestrian and cycle facilities including paths, road crossings and dedicated pedestrian/ cycle bridges or underpasses; (viii) historic heritage places with reference to the HHMP (Condition 27); and (ix) re-instatement of construction and site compound areas; and (x) features disturbed during construction and intended to be reinstated such as: A. boundary features; B. driveways; C. accessways; and D. fences. (d) the ULDMP shall also include the following planting and maintenance details: (i) planting design details including: A. identification of existing trees and vegetation that will be retained with reference to the EMP (Condition 29). Where practicable, mature trees and native vegetation should be retained; B. street trees, shrubs and ground cover suitable for the location; C. treatment of fill slopes to integrate with adjacent land use, streams, riparian margins and open space zones; D. identification of any planting requirements under the EMP (Condition 29); E. integration of any planting required by conditions of any resource consents for the project; and F. re-instatement planting of construction and site compound areas as appropriate. (ii) a planting programme including the staging of planting in relation to the construction programme which shall, as far as practicable, include provision for planting within each planting season following completion of each Stage of Work; and (iii) detailed specifications relating to the following: A. weed control and clearance; B. pest animal management (to support plant establishment); C. ground preparation (top soiling and decompaction); D. mulching; and E. plant sourcing and planting, including hydroseeding and grassing, and use of eco-sourced species.
Construction conditions	

19.	Construction Environmental Management Plan (CEMP) (a) A CEMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the CEMP is to set out the management procedures and construction methods to be undertaken to avoid, remedy or mitigate any adverse effects associated with Construction Works as far as practicable. (b) To achieve the objective, the CEMP shall include: (i) the roles and responsibilities of staff and contractors; (ii) details of the site or project manager and the Project Liaison Person, including their contact details (phone and email address); (iii) the Construction Works programmes and the staging approach, and the proposed hours of work; (iv) details of the proposed construction yards including temporary screening when adjacent to residential areas; (v) details of the proposed construction lighting; (vi) methods for controlling dust and the removal of debris and demolition of construction materials from public roads or places; (vii) methods for providing for the health and safety of the general public; (viii) measures to mitigate flood hazard effects such as siting stockpiles out of floodplains, minimising obstruction to flood flows, actions to respond to warnings of heavy rain; (ix) procedures for incident management; (x) location and procedures for the refuelling and maintenance of plant and equipment to avoid discharges of fuels or lubricants to watercourses; (xi) 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; (xii) procedures for responding to complaints about Construction Works; and (xiii) methods for amending and updating the CEMP as required.
20.	Complaints Process (a) At all times during Construction Works, a record of any complaints received about the Construction Works shall be maintained. The record shall include: (i) the date, time and nature of the complaint; (ii) the name, phone number and address of the complainant (unless the complainant wishes to remain anonymous); (iii) measures taken to respond to the complaint (including a record of the response provided to the complainant) or confirmation of no action if deemed appropriate; (iv) the outcome of the investigation into the complaint; and (v) any other activities in the area, unrelated to the project that may have contributed to the complaint, such as non-project construction, fires, traffic accidents or unusually dusty conditions generally. (b) A copy of the complaints record required by this condition shall be made available to the Manager upon request as soon as practicable after the request is made.

21.	Cultural Monitoring Plan (CMP) (a) Prior to the Start of Construction, a CMP shall be prepared by a Suitably Qualified Person(s) identified in collaboration with Mana Whenua. The objective of the CMP is to identify methods for undertaking cultural monitoring to assist with management of any cultural effects during Construction Works. (b) To achieve the objective, the CMP shall include: (i) requirements for formal dedication or cultural interpretation to be undertaken prior to the Start of Construction in areas identified as having significance to Mana Whenua; (ii) requirements and protocols for cultural inductions for contractors and subcontractors; (iii) identification of activities, sites and areas where cultural monitoring is required during particular Construction Works; (iv) identification of personnel to undertake cultural monitoring, including any geographic definition of their responsibilities; and (v) details of personnel to assist with management of any cultural effects identified during cultural monitoring, including implementation of the Accidental Discovery Protocol (c) If Enabling Works involving soil disturbance are undertaken prior to the Start of Construction, an Enabling Works CMP shall be prepared by a Suitably Qualified Person identified in collaboration with Mana Whenua. This plan may be prepared as a standalone Enabling Works CMP or be included in the main Construction Works CMP. Advice note: Where appropriate, the CMP shall align with the requirements of other conditions of the designation and resource consents for the project which require monitoring during Construction Works.

22.	Construction Traffic Management Plan (CTMP) (a) A CTMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the CTMP is to avoid, remedy or mitigate, as far as practicable, adverse construction traffic effects. (b) To achieve this objective, the CTMP shall include: (i) methods to manage the effects of temporary traffic management activities on traffic; (ii) measures to ensure the safety of all transport users; (iii) the estimated numbers, frequencies, routes and timing of traffic movements, including any specific non-working or non-movement hours to manage vehicular and pedestrian traffic near Education Facilities or to manage traffic congestion; (iv) site access routes and access points for heavy vehicles, the size and location of parking areas for plant, construction vehicles and the vehicles of workers and visitors; (v) identification of detour routes and other methods to ensure the safe management and maintenance of traffic flows, including public transport, pedestrians and cyclists; (vi) methods to maintain access to and within property and/or private roads where practicable, or to provide alternative arrangements when it will not be, including details of how access is managed for loading and unloading of goods; (vii) the management approach to loads on heavy vehicles, including covering loads of fine material, the use of wheel-wash facilities at site exit points and the timely removal of any material deposited or spilled on public roads; (viii) methods that will be undertaken to communicate traffic management measures to affected road users (e.g. residents / public / Stakeholders / emergency services); (ix) details of minimum network performance parameters during the construction phase, including any measures to monitor compliance with the performance parameters; and (x) details of any measures proposed to be implemented in the event of thresholds identified in (ix) being exceeded. (c) Auditing, monitoring and reporting requirements relating to traffic management activities shall be undertaken in accordance with the New Zealand Guide to Temporary Traffic Management (April 2023) or any subsequent version.

23.

Construction Noise Standards

(a) Construction noise shall be measured and assessed in accordance with NZS6803:1999 Acoustics – Construction Noise and shall comply with the noise standards set out in the following table as far as practicable:

Table 23-1 Construction Noise Standards

Day of week	Time period	L _{Aeq} (15min)	L _{AFmax}
Occupied activity sensitive to noise			
Weekday	0630h - 0730h	55 dB	75 dB
	0730h - 1800h	70 dB	85 dB
	1800h - 2000h	65 dB	80 dB
	2000h - 0630h	45 dB	75 dB
Saturday	0630h - 0730h	45 dB	75 dB
	0730h - 1800h	70 dB	85 dB
	1800h - 2000h	45 dB	75 dB
	2000h - 0630h	45 dB	75 dB
Sunday and Public Holidays	0630h - 0730h	45 dB	75 dB
	0730h - 1800h	55 dB	85 dB
	1800h - 2000h	45 dB	75 dB
	2000h - 0630h	45 dB	75 dB
Other occupied buildings			
All	0730h – 1800h	70 dB	
	1800h – 0730h	75 dB	

(b) Where compliance with the noise standards set out in Table 23-1 is not practicable, the methodology in Condition 26 shall apply.

24.

Construction Vibration Standards

(a) Construction vibration shall be measured in accordance with ISO 4866:2010 Mechanical vibration and shock – Vibration of fixed structures – Guidelines for the measurement of vibrations and evaluation of their effects on structures and shall comply with the vibration standards set out in the following table as far as practicable.

Table 24-1 Construction Vibration Standards

Receiver	Details	Category A*	Category B**
Occupied activities sensitive to noise	Night-time 2000h - 0630h	0.3mm/s ppv	2mm/s ppv
	Daytime 0630h - 2000h	2mm/s ppv	5mm/s ppv
Other occupied buildings	Daytime 0630h - 2000h	2mm/s ppv	5mm/s ppv
All other buildings	At all other times	Tables 1 and 3 of DIN4150-3:1999	

* Category A criteria adopted from Rule E25.6.30.1 of the AUP

** Category B criteria based on DIN 4150-3:1999 building damage criteria for daytime

(b) Where compliance with the vibration standards set out in Table 24-1 is not practicable, the methodology in Condition 26 shall apply.

25.	Construction Noise and Vibration Management Plan (CNVMP) (a) A CNVMP shall be prepared prior to the Start of Construction for Stage of Work. A CNVMP shall be implemented during the Stage of Work to which it relates. The objective of the CNVMP is to provide a framework for the development and implementation of the Best Practicable Option for the management of construction noise and vibration effects to achieve the construction noise and vibration standards set out in Conditions 23 and 24 to the extent practicable. (b) To achieve the objective, the CNVMP shall be prepared in accordance with Annex E2 of the New Zealand Standard NZS6803:1999 'Acoustics – Construction Noise' (NZS6803:1999) and shall as a minimum, address the following: (i) description of the works and anticipated equipment/processes; (ii) hours of operation, including times and days when construction activities would occur; (iii) the construction noise and vibration standards for the project; (iv) identification of receivers where noise and vibration standards apply; (v) a hierarchy of management and mitigation options, including any requirements to limit night works and works during other sensitive times, including Sundays and public holidays as far as practicable; (vi) methods and frequency for monitoring and reporting on construction noise and vibration; (vii) procedures for communication and engagement with nearby residents and Stakeholders, including notification of proposed construction activities, the period of construction activities, and management of noise and vibration complaints; (viii) contact details of the Project Liaison Person; (ix) procedures for the regular training of the operators of construction equipment to minimise noise and vibration as well as expected construction site behaviours for all workers; (x) procedures and requirements for the preparation of a Schedule to the CNVMP (Schedule) for those areas where compliance with the noise Condition 23 and/or vibration standards Condition 24 Category B will not be practicable; (xi) identification of trigger levels for undertaking building condition surveys, which shall be Category B day time levels; (xii) procedures and trigger levels for undertaking building condition surveys before and after works to determine whether any cosmetic or structural damage has occurred as a result of construction vibration; (xiii) methodology and programme of desktop and field audits and inspections to be undertaken to ensure that the CNVMP, Schedules and the Best Practicable Option for management of effects are being implemented; and (xiv) requirements for review and update of the CNVMP.

26.	Schedule to a CNVMP (a) A Schedule to the CNVMP (Schedule) shall be prepared prior to the Start of Construction of an activity to which it relates by a Suitably Qualified Person, in consultation with the owners and occupiers of sites subject to the Schedule, when: (i) construction noise is either predicted or measured to exceed the noise standards in Condition 23, except where the exceedance of the L_{Aeq} criteria is no greater than 5 decibels and does not exceed: A. 0630 – 2000: 2 periods of up to 2 consecutive weeks in any 2 months; or B. 2000 - 0630: 1 period of up to 2 consecutive nights in any 10 days; (ii) construction vibration is either predicted or measured to exceed the Category B standard at the receivers in Condition 24. (b) The objective of the Schedule is to set out the Best Practicable Option measures to manage noise and/or vibration effects of the construction activity beyond those measures set out in the CNVMP. (c) To achieve the objective, the Schedule shall include details such as: (i) construction activity location, start and finish dates; (ii) the nearest neighbours to the construction activity; (iii) the predicted noise and/or vibration level for all receivers where the levels are predicted or measured to exceed the applicable standards and predicted duration of the exceedance; (iv) for works proposed between 2000h and 0630h, the reasons why the proposed works must be undertaken during these hours and why they cannot be practicably undertaken during the daytime; (v) the proposed mitigation options that have been selected, and the options that have been discounted as being impracticable and the reasons why; (vi) the consultation undertaken with owners and occupiers of sites subject to the Schedule, and how consultation has and has not been taken into account; and (vii) location, times and types of monitoring. (d) The Schedule shall be submitted to the Manager for Certification at least five working days (except in unforeseen circumstances) in advance of Construction Works that are covered by the scope of the Schedule and shall form part of the CNVMP. (e) The CNVMP Schedule shall be deemed certified five working days from the submission of the CNVMP Schedule where no written confirmation of Certification has been received. (f) Where material changes are made to a Schedule required by this condition, the Requiring Authority shall consult the owners and/or occupiers of sites subject to the Schedule prior to submitting the amended Schedule to the Manager for Certification in accordance with (d) above. The amended Schedule shall document the consultation undertaken with those owners and occupiers, and how consultation outcomes have and have not been taken into account.

27.	Historic Heritage Management Plan (HHMP) (a) A HHMP shall be prepared in consultation with Council, HNZPT and Mana Whenua prior to the Start of Construction for a Stage of Work. The objective of the HHMP is to protect historic heritage and to remedy and mitigate any residual effects as far as practicable. (b) To achieve the objective, the HHMP shall identify: (i) any adverse direct and indirect effects on historic heritage sites and measures to appropriately avoid, remedy or mitigate any such effects, including a tabulated summary of these effects and measures; (ii) methods for the identification and assessment of potential historic heritage places within the designation to inform detailed design; (iii) known historic heritage places and potential archaeological sites within the designation, including identifying any archaeological sites for which an Archaeological Authority under the HNZPTA will be sought or has been granted; (iv) any unrecorded archaeological sites or post-1900 heritage sites within the designation, which shall also be documented and recorded; (v) roles, responsibilities and contact details of project personnel, Council and HNZPT representatives, Mana Whenua representatives, and relevant agencies involved with heritage and archaeological matters including surveys, monitoring of Construction Works, compliance with AUP accidental discovery rule, and monitoring of conditions; (vi) specific areas to be investigated, monitored and recorded to the extent these are directly affected by the project; (vii) the proposed methodology for investigating and recording post-1900 historic heritage sites (including buildings) that need to be destroyed, demolished or relocated, including details of their condition, measures to mitigate any adverse effects and timeframe for implementing the proposed methodology, in accordance with the HNZPT Archaeological Guidelines Series No.1: Investigation and Recording of Buildings and Standing Structures (November 2018), or any subsequent version; (viii) methods to acknowledge cultural values identified through Condition 15 where archaeological sites also involve ngā taonga tuku iho (treasures handed down by our ancestors) and where feasible and practicable to do so; (ix) methods for avoiding, remedying or mitigating adverse effects on historic heritage places and sites within the designation during Construction Works as far as practicable. These methods shall include, but are not limited to: A. security fencing or hoardings around historic heritage places to protect them from damage during construction or unauthorised access; B. measures to mitigate adverse effects on historic heritage sites that achieve positive historic heritage outcomes such as increased public awareness and interpretation signage; and C. training requirements and inductions for contractors and subcontractors on historic heritage places within the designation, legal obligations relating to unexpected discoveries and the AUP Accidental Discovery Rule (E11.6.1). The training shall be undertaken prior to the Start of Construction, under the guidance of a Suitably Qualified Person and Mana Whenua representatives (to the extent the training relates to cultural values identified under Condition 15). Advice note: Accidental Discoveries The requirements for accidental discoveries of heritage items are set out in Rule E11.6.1 of the AUP.

28.	Pre-Construction Ecological Survey (a) At the start of detailed design for a Stage of Work, an updated ecological survey shall be undertaken in the relevant geographic area by a Suitably Qualified Person. The purpose of the survey is to inform ecological management by: (i) confirming whether the species of value within the Identified Biodiversity Areas recorded in the Identified Biodiversity Area Schedule 3 are still present; and (ii) confirming whether the project will or is likely to have a moderate or greater level of ecological effect on species of value (prior to implementation of impact management measures). The level of effect shall be determined in accordance with Table 10 of the EIANZ Guidelines (or subsequent updated version of that table) as included in Schedule 4 of these conditions. (b) If the ecological survey confirms the presence of ecological species of value in accordance with Condition 28(a)(i) and that effects are likely in accordance with Condition 28(a)(ii) then an Ecological Management Plan (or Plans) shall be prepared in accordance with Condition 29 for these areas (Confirmed Biodiversity Areas).

29.	Ecological Management Plan (EMP) (a) An EMP shall be prepared for any Confirmed Biodiversity Areas (confirmed through Condition 28) prior to the Start of Construction for a Stage of Work. The objective of the EMP is to minimise effects of the project on the ecological features of value in Confirmed Biodiversity Areas as far as practicable. (b) If an EMP is required in accordance with (a) for the presence of long tail bats, the EMP may include the following to achieve the objective: (i) measures to minimise as far as practicable, disturbance from construction activities within 50m of any active long tail bat roosts that are discovered through survey until such roosts are confirmed to be vacant of bats; (ii) timing of any Construction Works within 50m of any active maternity long tail bat roosts. Those Construction Works shall be undertaken outside the bat maternity period (between December and March) where reasonably practicable; (iii) details of areas where vegetation is to be retained and where additional planting is proposed to be provided and maintained for the purposes of the connectivity of long tail bat habitats; and (iv) details of measures to minimise any operational disturbance from light spill. (c) If an EMP is required in accordance with (a) for the presence of Threatened or At-Risk birds (excluding wetland birds), the EMP may include the following to achieve the objective: (i) timing of any Construction Works which may have adverse effects on Threatened or At-Risk birds (excluding wetland birds). Those Construction Works shall be undertaken outside the bird breeding season (September to February) where practicable; and (ii) where works are required within the area identified in the Confirmed Biodiversity Area during the bird breeding season, methods to minimise adverse effects on Threatened or At-Risk birds. (d) If an EMP is required in accordance with (a) for the presence of Threatened or At-Risk wetland birds, the EMP may include the following to achieve the objective: (i) details of any nesting bird surveys of Threatened or At-Risk wetland birds. Nesting bird surveys shall be undertaken within any wetland that is both within a Confirmed Biodiversity Area and located within a 50m radius of Construction Works. Surveys shall be undertaken prior to any such works taking place and repeated at the beginning of each wetland bird breeding season until the Completion of Construction; (ii) timing of any Construction Works which may have adverse effects on Threatened or At-Risk wetland birds. Those Construction Works shall be undertaken outside of the bird breeding season (September to February) where practicable; (iii) where works are required within the Confirmed Biodiversity Area during the bird breeding season, methods to minimise adverse effects on Threatened or At-Risk wetland birds; and (iv) details of what protection and buffer measures are proposed to manage effects on nesting Threatened or At-Risk wetland birds identified through a survey undertaken in accordance with Condition (d)(i). Proposed measures shall address: A. the type, intensity and duration of construction activity; B. the likely sensitivity of the nesting bird species to the construction activity; and C. any environmental features (e.g., vegetation and contour) that could influence the extent of potential adverse effects on the Threatened or At-Risk wetland birds; and (v) details of measures to minimise any operational disturbance from light spill. (e) The EMP shall be consistent with any ecological management measures to be undertaken in compliance with conditions of any regional resource consents granted for the project. Advice note:

	Depending on the potential effects of the project, the regional consents for the project may include the following monitoring and management plans: (i) stream and/or wetland restoration plans; (ii) vegetation restoration plans; and (iii) fauna management plans (e.g. avifauna).
30.	Network Utility Management Plan (NUMP) (a) A NUMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the NUMP is to set out a framework for protecting, relocating and working in proximity to existing network utilities. (b) To achieve the objective, the NUMP shall include methods to: (i) provide access for maintenance at all reasonable times, or emergency works at all times during construction activities; (ii) protect and where necessary, relocate existing network utilities; (iii) manage the effects of dust and any other material potentially resulting from construction activities and able to cause material damage, beyond normal wear and tear to overhead transmission lines in the project area; (iv) demonstrate compliance with relevant standards and Codes of Practice including, where relevant, the NZECP 34:2001 New Zealand Electrical Code of Practice for Electrical Safe Distances 2001; AS/NZS 4853:2012 Electrical hazards on Metallic Pipelines, and AS/NZS 2885 Pipelines – Gas and Liquid Petroleum. (c) The NUMP shall be prepared in consultation with the relevant Network Utility Operator(s) who have existing assets that are directly affected by the project. (d) The development of the NUMP shall consider opportunities to coordinate future work programmes with other Network Utility Operator(s) during detailed design where practicable. (e) The NUMP shall describe how any comments from the Network Utility Operator in relation to its assets have been addressed. (f) Any comments received from the Network Utility Operator shall be considered when finalising the NUMP. (g) Any amendments to the NUMP related to the assets of a Network Utility Operator shall be prepared in consultation with that asset owner.
31.	Network Integration Management Plan (NIMP) (a) At least six months prior to the start of detailed design for a Stage of Work, the Requiring Authority shall prepare, in collaboration with other relevant road controlling authorities, a NIMP. (b) The objective of the NIMP is to identify how the project will integrate with the planned transport network in the North Growth Area to achieve an effective, efficient and safe land transport system. To achieve this objective, the NIMP shall include details of the: (i) project implementation approach and any staging of the project, including both design, management and operational matters; and (ii) sequencing of the project with the planned transport network, including both design, management and operational matters.
Operational conditions	

32.	Low Noise Road Surface (a) Asphaltic concrete surfacing (or equivalent low noise road surface) shall be implemented within 12 months of Completion of Construction of the project. (b) The asphaltic concrete surface shall be maintained as far as practicable to retain the noise reduction performance of the surface established in accordance with (a), unless Condition 33 applies.
33.	Future Resurfacing Work (a) Any future resurfacing works of the project shall be undertaken in accordance with the Auckland Transport Reseal Guidelines, Asset Management and Systems 2013 or any updated version and asphaltic concrete surfacing (or equivalent low noise road surface) shall be implemented where: (i) the volume of traffic exceeds 10,000 vehicles per day; (ii) the road is subject to high wear and tear (such as cul de sac heads, roundabouts and main road intersections); (iii) it is in an industrial or commercial area where there is a high concentration of truck traffic; or (iv) it is subject to high usage by pedestrians, such as town centres, hospitals, shopping centres and schools. (b) Prior to commencing any future resurfacing works, the Requiring Authority shall advise the Manager if any of the triggers in Condition 33(a)(i) – (iv) are not met by the road or a section of it and therefore where the application of asphaltic concrete surfacing (or equivalent low noise road surface) is no longer required on the road or a section of it. Such advice shall also indicate when any resealing is to occur.
	Traffic Noise For the purposes of Conditions 34 to 39: (a) Building-Modification Mitigation – has the same meaning as in NZS 6806; (b) Design year has the same meaning as in NZS 6806; (c) Detailed Mitigation Options – means the fully detailed design of the Selected Mitigation Options, with all practical issues addressed; (d) Habitable Space – has the same meaning as in NZS 6806; (e) Identified Noise Criteria Category – means the Noise Criteria Category for a PPF identified in Schedule 5: Identified PPFs Noise Criteria Categories; (f) Mitigation – has the same meaning as in NZS 6806:2010 Acoustics – Road-traffic noise – New and altered roads; (g) Noise Criteria Categories – means the groups of preference for sound levels established in accordance with NZS 6806 when determining the Best Practicable Option for noise mitigation (i.e. Categories A, B and C); (h) NZS 6806 – means New Zealand Standard NZS 6806:2010 Acoustics – Road-traffic noise – New and altered roads; (i) Protected Premises and Facilities (PPFs) – means only the premises and facilities identified in Schedule 5: Identified PPFs Noise Criteria Categories; (j) Selected Mitigation Options – means the preferred mitigation option resulting from a Best Practicable Option assessment undertaken in accordance with NZS 6806 taking into account any low noise road surface to be implemented in accordance with Condition 32; and (k) Structural Mitigation – has the same meaning as in NZS 6806.
34.	The Noise Criteria Categories identified in Schedule 5: Identified PPFs Noise Criteria Categories at each of the PPFs shall be achieved where practicable and subject to Conditions 34 to 39 (all traffic noise conditions). The Noise Criteria Categories do not need to be complied with at a PPF where: (a) the PPF no longer exists; or (b) agreement of the landowner has been obtained confirming that the Noise Criteria Category does not need to be met. Achievement of the Noise Criteria Categories for PPFs shall be by reference to a traffic forecast for a high growth scenario in a design year at least 10 years after the programmed opening of the project.

35.	As part of the detailed design of the project, a Suitably Qualified Person shall determine the Selected Mitigation Options for the PPFs identified on Schedule 5: Identified PPFs Noise Criteria Categories. For the avoidance of doubt, the low noise road surface implemented in accordance with Condition 32 may be (or be part of) the Selected Mitigation Option(s).
36.	Prior to the Start of Construction of the project, a Suitably Qualified Person shall develop the Detailed Mitigation Options for the PPFs identified in Schedule 5: Identified PPFs Noise Criteria Categories, taking into account the Selected Mitigation Options.
37.	If the Detailed Mitigation Options would result in the Identified Noise Criteria Category changing to a less stringent Category, e.g. from Category A to B or Category B to C, at any relevant PPF, a Suitably Qualified Person shall provide confirmation to the Manager that the Detailed Mitigation Option would be consistent with adopting the Best Practicable Option in accordance with NZS 6806 prior to implementation.
38.	The Detailed Mitigation Options shall be implemented prior to Completion of Construction of the project, with the exception of any low-noise road surfaces, which shall be implemented within 12 months of Completion of Construction.
39.	Any barriers required by the Detailed Mitigation Options shall be maintained so they retain their noise reduction performance as far as practicable.

Attachments

Schedule 1: General Accordance Plans and Information

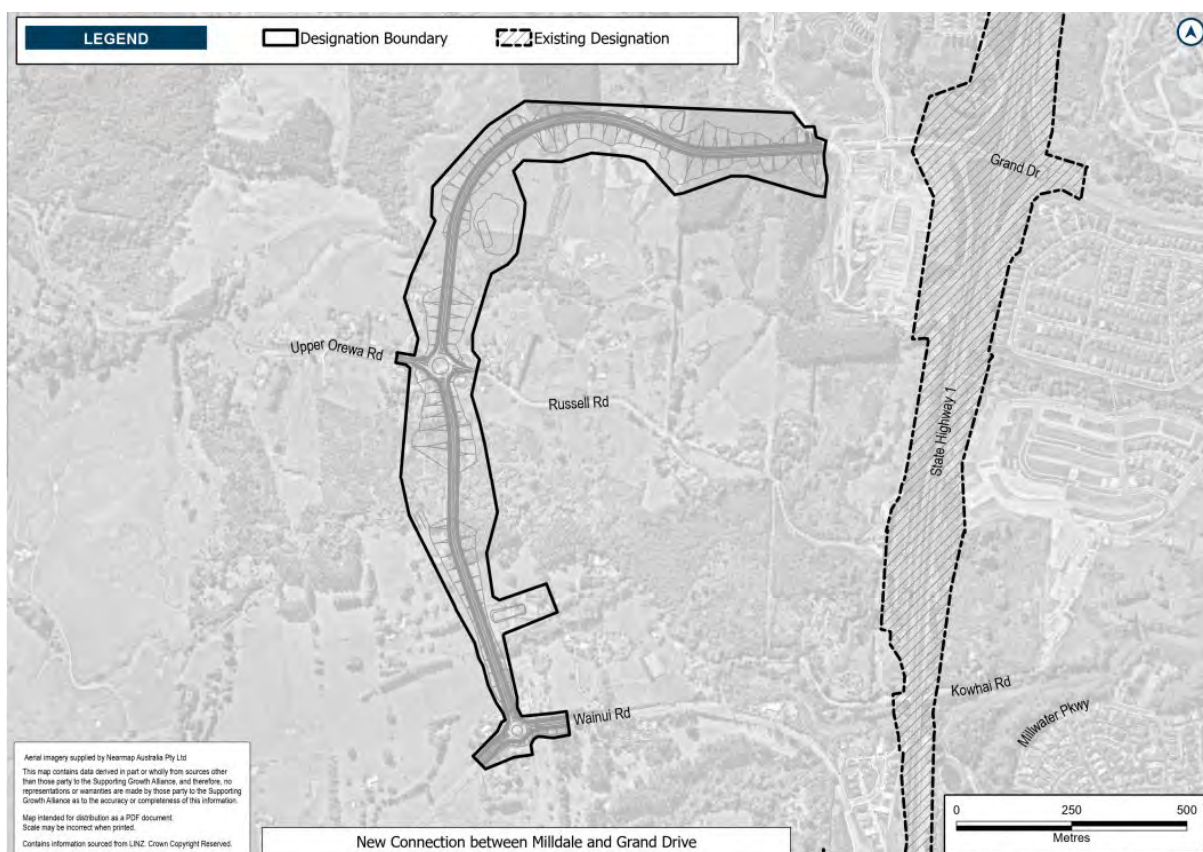
Project Description

The proposed work is the construction, operation and maintenance of an urban arterial corridor between Wainui Road in Milldale and Grand Drive in Upper Ōrewa, including active transport facilities and associated infrastructure.

The proposed work is shown in the following Concept Plan and includes:

- Construction of an urban arterial corridor with walking and cycling facilities.
- Tie-ins with existing roads and localised widening around the existing intersections to accommodate new intersection forms.
- New or upgraded stormwater management systems, bridges and culverts (where applicable).
- Batter slopes, and associated cut and fill activities (earthworks).
- Vegetation removal.
- Other construction related activities required outside the permanent corridor including the re-grade of driveways, construction traffic manoeuvring and construction laydown areas.

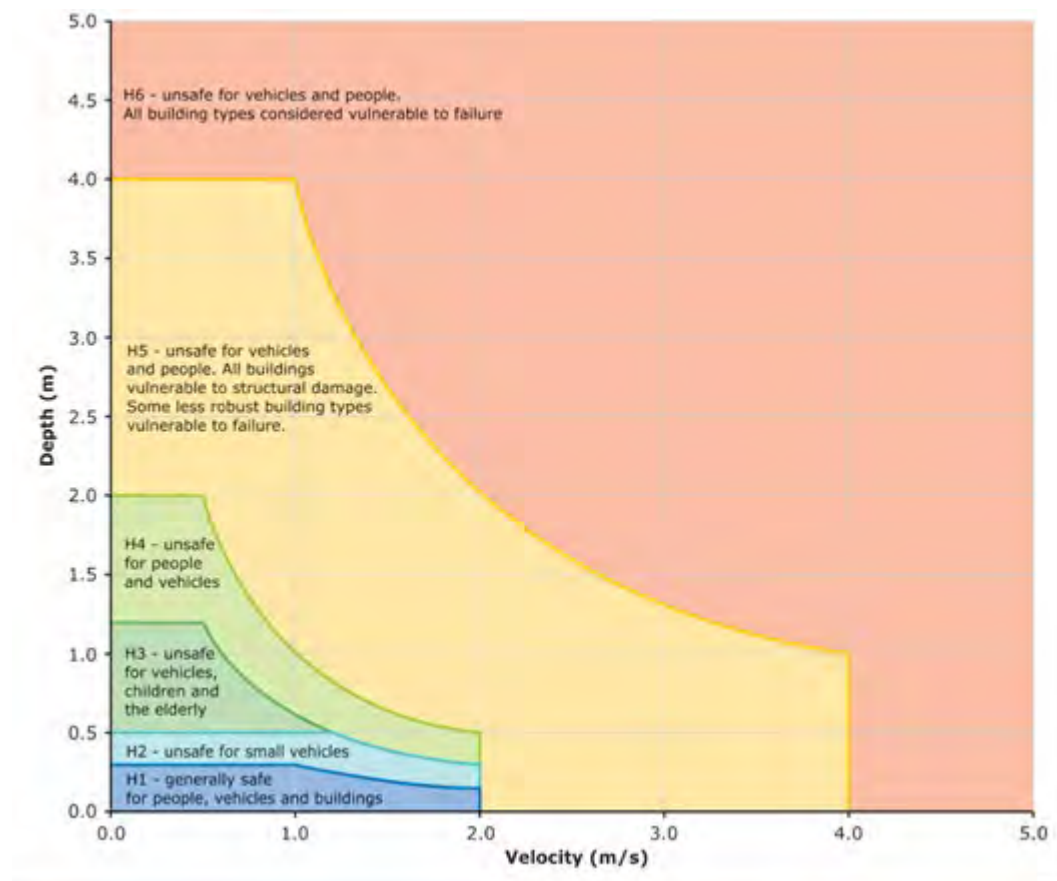
Concept Plan



Schedule 2 – Flood Hazard Class

The combined flood hazard curves shown below set hazard thresholds that relate to the vulnerability of the community when interacting with floodwaters. The combined curves are divided into hazard classifications that relate to specific vulnerability thresholds

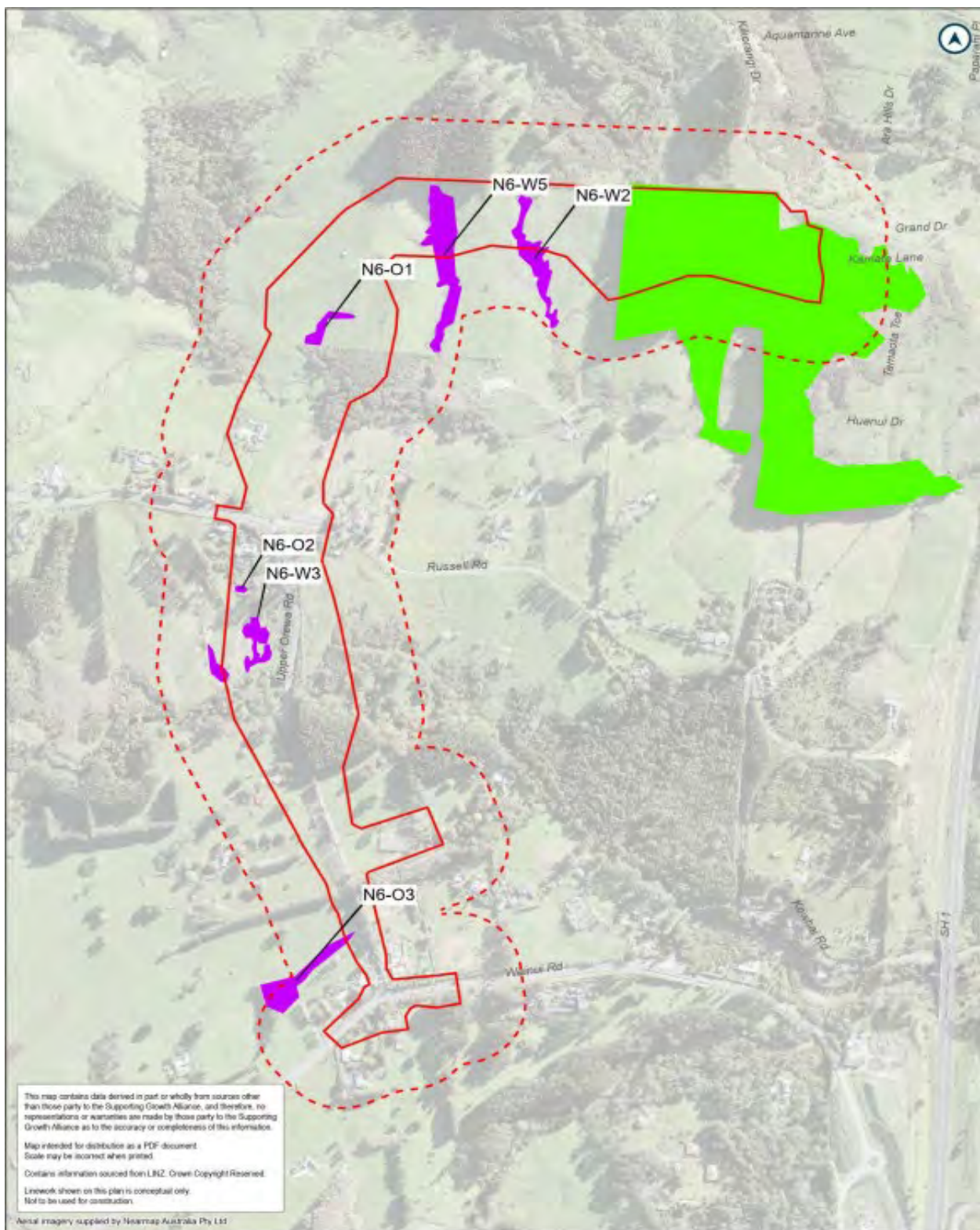
The vulnerability thresholds identified in the flood hazard curves can be applied to the best description of flood behaviour available for a subject site. In this regard, the hazard curves can be applied equally to flood behaviour estimates from measured data, simpler 1D numerical modelling approaches, through to complex 2D model estimates with the level of accuracy and uncertainty of the flood hazard estimate linked to the method used to derive the flood behaviour estimate.



Source: Australian Rainfall and Runoff, Book 6, 2019

Schedule 3: Identified Biodiversity Areas





LEGEND

- Designation Boundary
- Buffer 100m
- Identified Biodiversity Areas for Wetland Avifauna**
 - Named Wetlands
- Identified Biodiversity Areas for Non-wetland Avifauna**
 - Non-wetland Vegetation

0 100 321
Metres

Schedule 4: Table 10 of the 2018 EIANZ Guidelines

Criteria for describing level of effects (Adapted from Regini (2000) and Boffa Miskell (2011))

Ecological Value → Magnitude ↓	Very high	High	Moderate	Low	Negligible
Very high	Very high	Very high	High	Moderate	Low
High	Very high	Very high	Moderate	Low	Very low
Moderate	High	High	Moderate	Low	Very low
Low	Moderate	Low	Low	Very low	Very low
Negligible	Low	Very low	Very low	Very low	Very low
Positive	Net gain	Net gain	Net gain	Net gain	Net gain

Schedule 5: Identified PPFs Noise Criteria Categories

Address	New or Altered Road	Noise Criteria Category
85 Upper Orewa Road	Altered road	A
406 Wainui Road	Altered road	A
411 Wainui Road	Altered road	A
11 Russell Road	Altered road	A
90 Upper Orewa Road	Altered road	A
24 Upper Orewa Road	Altered road	A
29 Upper Orewa Road	Altered road	A
100 Upper Orewa Road	Altered road	A
392 Wainui Road	Altered road	A
411 Wainui Road	Altered road	A
379 Wainui Road	Altered road	A
427 Wainui Road	Altered road	A

Appendix C – Auckland Transport’s Modifications to NoR 7 conditions (clean)

[XXXX] Upgrade to Pine Valley Road

Designation Number	[XXXX]
Requiring Authority	Auckland Transport
Location	Pine Valley Road between Poynter Lane in Dairy Flat and the Argent Lane and Old Pine Valley Road intersection
Lapse Date	In accordance with section 184(1)(c) of the RMA, this designation shall lapse if not given effect to within 30 years from the date on which it is included in the AUP.

Purpose

The construction, operation and maintenance of an upgrade to Pine Valley Road to an arterial transport corridor and associated facilities.

Conditions

Abbreviations and definitions

Acronym/Term	Definition
Activity sensitive to noise	Any dwelling, visitor accommodation, boarding house, marae, papakāinga, integrated residential development, retirement village, supported residential care, care centre, lecture theatre in a tertiary Education Facility, classroom in an Education Facility and healthcare facility with an overnight stay facility
AUP	Auckland Unitary Plan
BPO or Best Practicable Option	Has the same meaning as in section 2 of the RMA 1991
CEMP	Construction Environmental Management Plan
Certification of material changes to management plans	Confirmation from the Manager that a material change to a management plan has been prepared in accordance with the condition to which it relates. A material change to a management plan shall be deemed certified: (a) where the Requiring Authority has received written confirmation from the Manager that the material change to the management plan is certified; or (b) 10 working days from the submission of the material change to the management plan where no written confirmation of certification has been received
CMP	Cultural Monitoring Plan
CNVMP	Construction Noise and Vibration Management Plan
CNVMP Schedule or Schedule	A schedule to the CNVMP
Completion of Construction	When construction of the project (or part of the project) is complete and it is available for use
Confirmed Biodiversity Areas	Areas recorded in the Identified Biodiversity Area Schedule where the ecological values and effects have been confirmed through the ecological survey under Condition 27
Construction Works	Activities undertaken to construct the project excluding Enabling Works
Council	Auckland Council
CTMP	Construction Traffic Management Plan

Developer	Any legal entity that intends to master plan or develop land adjacent to the designation
Development Agency	Public entities involved in development projects
Education Facility	Facility used for education to secondary level. Includes: - schools and outdoor education facilities; and - accommodation, administrative, cultural, religious, health, retail and communal facilities accessory to the above. Excludes: - care centres; and - tertiary education facilities.
EIANZ Guidelines	Ecological Impact Assessment: EIANZ Guidelines for use in New Zealand: terrestrial and freshwater ecosystems, second edition, dated May 2018
EMP	Ecological Management Plan
Enabling Works	Includes, but is not limited to, the following and similar activities: - geotechnical investigations (including trial embankments); - archaeological site investigations; - formation of access for geotechnical investigations; - establishment of site yards, site entrances and fencing; - constructing and sealing site access roads; - demolition or removal of buildings and structures; - relocation of services; and - establishment of mitigation measures (such as erosion and sediment control measures, temporary noise walls, earth bunds and planting)
HHMP	Historic Heritage Management Plan
HNZPT	Heritage New Zealand Pouhere Taonga
HNZPTA	Heritage New Zealand Pouhere Taonga Act 2014
Identified Biodiversity Area	Means an area or areas of features of ecological value where the project ecologist has identified that the project will potentially have a moderate or greater level of ecological effect, prior to implementation of impact management measures, as determined in accordance with the EIANZ Guidelines
Manager	The Manager – Resource Consents of the Auckland Council, or authorised delegate
Mana Whenua	Mana Whenua as referred to in the conditions are considered to be, but not limited to, the following (in no particular order), who at the time of Notice of Requirement expressed a desire to be involved in the project: - Ngāti Manuhiri - Te Kawerau ā Maki - Te Ākitai Waiohū - Ngāti Whanaunga - Te Runanga o Ngāti Whātua - Ngāti Maru - Te Patu Kirikiri - Ngāti Whātua o Kaipara - Ngāti Tamaterā - Ngai Tai ki Tāmaki - Ngāti Paoa Iwi Trust - Ngāti Paoa Trust Board Note: other iwi not identified above may have an interest in the project and should be consulted
Network Utility Operator	Has the same meaning as set out in section 166 of the RMA
NIMP	Network Integration Management Plan

NoR	Notice of Requirement
North Growth Area	Land for future urban development in the North of Auckland, including Future Urban zoned areas in Ara Hills, Ōrewa, Wainui East, Silverdale West, Redvale and Dairy Flat
NUMP	Network Utilities Management Plan
Outline Plan	An outline plan prepared in accordance with section 176A of the RMA
Project Liaison Person	The person or persons appointed for the duration of the project's Construction Works to be the main point of contact for persons wanting information about the project or affected by the Construction Works
Protected Premises and Facilities (PPF)	Protected Premises and Facilities as defined in New Zealand Standard NZS 6806:2010: <i>Acoustics – Road-traffic noise – New and altered roads</i>
Requiring Authority	Has the same meaning as section 166 of the RMA and, for this designation is Auckland Transport
RMA	Resource Management Act 1991
SCEMP	Stakeholder Communication and Engagement Management Plan
Stakeholder	Stakeholders to be identified in accordance with Condition 4, which may include as appropriate: (a) adjacent owners and occupiers; (b) adjacent business owners and operators; (c) central and local government bodies; (d) community groups; (e) developers; (f) development agencies; (g) Education Facilities; and (h) Network Utility Operators.
Stage of Work	Any physical works that require the development of an Outline Plan
Start of Construction	The time when Construction Works (excluding Enabling Works) start
Suitably Qualified Person	A person (or persons) who can provide sufficient evidence to demonstrate their suitability, experience and competence in the relevant field of expertise.
ULDMP	Urban and Landscape Design Management Plan

General conditions	
1.	Activity in General Accordance with Plans and Information (a) Except as provided for in the conditions below, and subject to final design and Outline Plan(s), works within the designation shall be undertaken in general accordance with the project description and concept plan in Schedule 1. (b) Where there is inconsistency between: (i) the project description and concept plan in Schedule 1 and the requirements of the following conditions, the conditions shall prevail; (ii) the project description and concept plan in Schedule 1, and the management plans under the conditions of the designation, the requirements of the management plans shall prevail.
2.	Project Information (a) A project website, or equivalent virtual information source, shall be established as soon as reasonably practicable, and within six months of the inclusion of this designation in the AUP. This shall be updated as required so it remains current. (b) All directly affected owners and occupiers shall be notified in writing as soon as reasonably practicable once the website or equivalent information source has been established. The project website or virtual information source shall include these conditions and shall provide information on: (i) the status of the project; (ii) anticipated construction timeframes; (iii) contact details for enquiries; (iv) the implications of the designation for landowners, occupiers and business owners and operators within the designation and where they can receive additional advice; (v) a subscription service to enable receipt of project updates by email; (vi) the types of activities that can be undertaken by landowners without the need for written consent to be obtained under s176(1)(b) of the RMA; and (vii) when and how to apply for consent for works in the designation under section 176(1)(b) of the RMA. (c) At ten yearly intervals from the inclusion of this designation in the AUP until the start of detailed design, the Requiring Authority shall identify appropriate methods with the relevant Local Board(s) to: (i) inform the wider community of the project status; and (ii) raise awareness of the project website. (d) At the start of detailed design for a Stage of Work, the project website or virtual information source shall be updated to provide information on the likely date for Start of Construction, and any Staging of Works.

3.	Land use Integration Process (a) The Requiring Authority shall set up a Land use Integration Process for the period between confirmation of the designation and the Start of Construction. The purpose of this process is to encourage and facilitate the integration of master planning and land use development activity on land directly affected or adjacent to the designation. To achieve this purpose: (i) the Requiring Authority shall include the contact details of a nominated contact on the project website (or equivalent information source) required to be established by Condition 2(b)(iii); and (ii) the nominated contact shall be the main point of contact for a Developer or Development Agency wanting to work with the Requiring Authority to integrate their development plans or master planning with the designation. (b) At any time prior to the Start of Construction, the nominated contact will be available to engage with a Developer or Development Agency for the purpose of: (i) responding to requests made to the Requiring Authority for information regarding design details that could assist with land use integration; and (ii) receiving information from a Developer or Development Agency regarding master planning or land development details that could assist with land use integration. (c) Information requested or provided under Condition 3(b) above may include but not be limited to the following matters: (i) design details including but not limited to: A. boundary treatment (e.g. the use of retaining walls or batter slopes); B. the horizontal and vertical alignment of the road (levels); C. potential locations for mid-block crossings; D. integration of stormwater infrastructure; and E. traffic noise modelling contours. (ii) potential modifications to the extent of the designation in response to information received through Condition 3(b)(ii); (iii) a process for the Requiring Authority to undertake a technical review of or provide comments on any master planning or development proposal advanced by the Developer or Development Agency as it relates to integration with the project; and (iv) details of how to apply for written consent from the Requiring Authority for any development proposal that relates to land that is within the designation under section 176(1)(b) of the RMA. (d) Where information is requested from the Requiring Authority and is available, the nominated contact shall provide the information unless there are reasonable grounds for not providing it. (e) The nominated contact shall maintain a record of the engagement between the Requiring Authority and Developers and Development Agencies for the period following the date in which this designation is included in the AUP through to the Start of Construction for a Stage of Work. The record shall include: (i) details of any requests made to the Requiring Authority that could influence detailed design, the results of any engagement and, where such requests that could influence detailed design are declined, the reasons why the Requiring Authority has declined the requests; and (ii) details of any requests to co-ordinate the forward work programme, where appropriate, with Development Agencies and Network Utility Operators. (f) The record shall be submitted to Council for information 10 working days prior to the Start of Construction for a Stage of Work.

4.	Stakeholder Communication and Engagement Design (a) At least six months prior to the start of detailed design for a Stage of Work, the Requiring Authority shall identify: (i) a list of Stakeholders; (ii) a list of properties within the designation which the Requiring Authority does not own or have occupation rights to; and (iii) methods to engage with Stakeholders and the owners and occupiers of properties identified in (a)(i) – (ii) above. (b) A record of (a) shall be submitted to the Manager for information with an Outline Plan for the relevant Stage of Work.
5.	Designation Review As soon as reasonably practicable following Completion of Construction, the Requiring Authority shall: (i) review the extent of the designation to identify any areas of designated land that it no longer requires for the on-going operation, maintenance or mitigation of effects of the project; and (ii) give notice to the Manager in accordance with section 182 of the RMA for the removal of those parts of the designation identified above.
6.	Lapse In accordance with section 184(1)(c) of the RMA, this designation shall lapse if not given effect to within 30 years from the date on which it is included in the AUP.
7.	Network Utility Operators and Auckland Council Parks (Section 176 Approval) (a) Prior to the Start of Construction, Network Utility Operators with existing infrastructure and Auckland Council in relation to parks located within the designation will not require written consent under section 176 of the RMA for the following activities: (i) operation, maintenance and repair works; (ii) minor renewal works to existing network utilities or parks necessary for the on-going provision or security of supply of network utility or parks operations; (iii) minor works such as new service connections; and (iv) the upgrade and replacement of existing network utilities in the same location with the same or similar effects on the works authorised by the designation as the existing utility. (b) To the extent that a record of written approval is required for the activities listed above, this condition shall constitute written approval.
8.	General Section 176 Approval (a) Prior to the start of the formal acquisition process under the Public Works Act 1981 for a property, or submission of the Outline Plan, persons on properties zoned Rural or Future Urban will not require written consent under section 176 of the RMA for the following activities: (i) Internal alterations; (ii) Repair of existing utility services; (iii) One extension to an existing structure as at 2023, up to 30m²; and (iv) Temporary or relocatable structures, provided they are removed from the site and the land is reinstated (including closing and capping any associated services) at the landowner's expense prior to the Start of Construction. The landowner shall be responsible for any resource consent required for the structures, their removal or relocation. (b) To the extent that a record of written approval is required for the activities listed above, this condition shall constitute written approval.
Pre-construction conditions	

9.	Outline Plan (a) An Outline Plan (or Plans) shall be prepared in accordance with section 176A of the RMA. (b) Outline Plans (or Plan) may be submitted in parts or in stages to address particular activities (e.g. design or construction aspects), or a Stage of Work of the project. (c) Outline Plans shall include any management plan or plans that are relevant to the management of effects of those activities or Stage of Work, which may include: (i) Construction Environmental Management Plan; (ii) Construction Traffic Management Plan; (iii) Construction Noise and Vibration Management Plan; (iv) Urban and Landscape Design Management Plan; (v) Historic Heritage Management Plan; (vi) Ecological Management Plan; (vii) Network Utilities Management Plan; and (viii) Network Integration Management Plan.
	Flood Hazard For the purpose of Condition 10: (a) AEP – means Annual Exceedance Probability; (b) Existing Authorised Habitable Floor – means the floor level of any room (floor) in a residential building which is authorised and exists at the time the Outline Plan is submitted, excluding a laundry, bathroom, toilet or any room used solely as an entrance hall, passageway or garage; (c) Flood Prone Area – means potential ponding areas that may flood in a 1% AEP event and commonly comprise of topographical depression areas. The areas can occur naturally or as a result of constructed features. Identification of a potential Flood Prone Area would be by an assessment of residual flood risk in a 1% AEP event (e.g. from blockage of the project stormwater network) on land outside and adjacent to the designation following the application of Conditions (10)(a)(i) – (iv). (d) Maximum Probable Development – is the design case for consideration of future flows allowing for development within a catchment that takes into account the maximum impervious surface limits of the current zone or if the land is zoned Future Urban in the AUP, the probable level of development arising from zone changes; (e) Pre-Project Development – means existing site condition prior to the project (including existing buildings and roadways); and (f) Post-Project Development – means site condition after the project has been completed (including existing and new buildings and roadways).

10.	Flood Hazard (a) The project shall be designed to achieve the following flood risk outcomes beyond the boundary of the designation: (i) no increase in flood levels in a 1% AEP event for Existing Authorised Habitable Floors that are already subject to flooding or have a freeboard less than 500mm; (ii) no increase in flood levels in a 1% AEP event for authorised community, commercial, industrial and network utility building floors existing at the time the Outline Plan is submitted that are already subject to flooding or have a freeboard less than 300mm; (iii) maximum of 50mm increase in flood levels in a 1% AEP event outside and adjacent to the designation boundary between the Pre-Project Development and Post-Project Development scenarios; (iv) no increase of Flood Hazard Class for the main access to authorised habitable dwellings existing at the time the Outline Plan is submitted. The assessment shall be undertaken for the 1% AEP rainfall event and reference the hazard class in accordance with Schedule 2 to these conditions; and (v) no new Flood Prone Areas. (b) Compliance with this condition shall be demonstrated in the Outline Plan, which shall include flood modelling of the Pre-Project Development and Post-Project Development 1% AEP flood levels (for Maximum Probable Development land use with allowances for climate change). (c) Where: (i) the flood risk outcomes in (a) can be achieved through alternative measures outside of the designation such as flood stop banks, flood walls, raising Existing Authorised Habitable Floor level and new overland flow paths; or (ii) the outcomes are varied at specific location(s) through agreement with the relevant landowner, confirmation shall be provided to the Manager that any necessary landowner agreement and statutory approvals have been obtained for that alternative measure or varied outcome.
11.	Existing property access Prior to submission of the Outline Plan, consultation shall be undertaken with landowners and occupiers whose vehicle access to their property will be altered by the project. The Outline Plan shall demonstrate how safe reconfigured or alternate access will be provided, unless otherwise agreed with the affected landowner.

12.	Management Plans (a) Any management plan shall: (i) be prepared and implemented in accordance with the relevant management plan condition; (ii) be prepared by a Suitably Qualified Person(s); (iii) include sufficient detail relating to the management of effects associated with the relevant activities and/or Stage of Work to which it relates; (iv) be submitted as part of an Outline Plan pursuant to section 176A of the RMA, with the exception of SCEMPs and CNVMP Schedules; and (v) once finalised, uploaded to the project website or equivalent virtual information source. (b) Any management plan developed in accordance with Condition 12 may: (i) be submitted in parts or in stages to address particular activities (e.g. design or construction aspects), a Stage of Work of the project, or to address specific activities authorised by the designation; and (ii) except for material changes, be amended to reflect any changes in design, construction methods or management of effects without further process; (c) Information shall be submitted with the management plan (or revised plan as referred to in (d) below) which summarises outcomes of consultation and any input received from Mana Whenua and Stakeholders as required by the relevant management plan condition. The summary shall note how this input has been incorporated or reflected in the management plan, or if not, the reasons why; (d) If there is a material change required to a management plan which has been submitted with an Outline Plan, the revised part of the plan shall be submitted to the Manager as an update to the Outline Plan or for Certification as soon as practicable following identification of the need for a revision; and (e) Any material changes to the SCEMP(s) are to be submitted to the Manager for information.
13.	Stakeholder Communication and Engagement Management Plan (SCEMP) (a) A SCEMP shall be prepared in consultation with relevant Stakeholders prior to the Start of Construction. The objective of the SCEMP is to identify how the public and Stakeholders will be engaged with throughout Construction Works. (b) To achieve the objective, the SCEMP shall include: (i) a list of Stakeholders; (ii) the contact details for the Project Liaison Person. These details shall be on the project website, or equivalent virtual information source, and prominently displayed at the main entrance(s) to the site(s); (iii) methods for engaging with Mana Whenua, to be developed in consultation with Mana Whenua; (iv) methods and timing to engage with owners and occupiers whose access is directly affected; (v) methods to communicate key project milestones and the proposed hours of construction activities including outside of normal working hours and on weekends and public holidays, to the parties identified in (b)(i) above; and (vi) linkages and cross-references to communication and engagement methods set out in other conditions and management plans where relevant. (c) Any SCEMP prepared for a Stage of Work shall be submitted to the Manager for information a minimum of 10 working days prior to the Start of Construction for a Stage of Work.

14.	Cultural Advisory Report (a) At least six months prior to the start of detailed design for a Stage of Work, Mana Whenua shall be invited to prepare a Cultural Advisory Report for the project. The objective of the Cultural Advisory Report is to assist in understanding and identifying ngā taonga tuku iho (treasures handed down by our ancestors) affected by the project, to inform their management and protection. (b) To achieve the objective, the Requiring Authority shall invite Mana Whenua to prepare a Cultural Advisory Report that: (i) identifies the cultural sites, landscapes and values that have the potential to be affected by the construction and operation of the project; (ii) sets out the desired outcomes for management of potential effects on cultural sites, landscapes and values; (iii) identifies traditional cultural practices within the area that may be impacted by the project; (iv) identifies opportunities for restoration and enhancement of identified cultural sites, landscapes and values within the project area; (v) taking into account the outcomes of (i) to (iv) above, identify cultural matters and principles that should be considered in the development of the ULDMP (Condition 15) and HHMP (Condition 26) and the CMP referred to in Condition 20; and (vi) identifies and (if possible) nominates traditional names along the project alignment. Noting there may be formal statutory processes outside the project required in any decision-making. (c) The desired outcomes for management of potential effects on cultural sites, landscapes and values identified in the Cultural Advisory Report shall be discussed with Mana Whenua and those outcomes reflected in the relevant management plans where practicable; and (d) Conditions 14(b) and (c) will cease to apply if: (i) Mana Whenua have been invited to prepare a Cultural Advisory Report by a date at least six months prior to the Start of Construction; and (ii) Mana Whenua have not provided a Cultural Advisory Report within six months prior to the Start of Construction.
	Urban and Landscape Design Management Plan (ULDMP)
15.	(a) A ULDMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the ULDMP(s) is to: (i) enable integration of the project's permanent works into the surrounding landscape and urban context; and (ii) ensure that the project manages potential adverse landscape and visual effects as far as practicable and contributes to a quality urban environment. (b) Mana Whenua shall be invited to participate in the development of the ULDMP(s) to provide input into relevant cultural landscape and design matters including how desired outcomes for management of potential effects on cultural sites, landscapes and values identified and discussed in the Cultural Advisory Report in Condition 14 may be reflected in the ULDMP. (c) Relevant Stakeholders shall be invited to participate in the development of the ULDMP at least six months prior to the start of detailed design for a Stage of Work.

16.	(a) To achieve the objective set out in Condition 15, the ULDMP(s) shall provide details of how the project: (i) is designed to integrate with the adjacent urban (or proposed urban) and landscape context, including the surrounding existing or proposed topography, urban environment (eg. centres and density of built form), natural environment, landscape character and open space zones; (ii) provides appropriate walking and cycling connectivity to, and interfaces with, existing or proposed adjacent land uses, public transport infrastructure and walking and cycling connections; (iii) promotes inclusive access (where appropriate); (iv) promotes a sense of personal safety by aligning with best practice guidelines, such as: A. Crime Prevention Through Environmental Design (CPTED) principles; B. Safety in Design (SID) requirements; and C. Maintenance in Design (MID) requirements and anti-vandalism/anti-graffiti measures; (v) has responded to matters identified through the Land use Integration Process (Condition 3); and (b) The ULDMP shall be prepared in general accordance with: (i) Auckland Transport's Urban Roads and Streets Design Guide, or any subsequent or updated version; (ii) New Zealand Transport Agency Urban Design Guidelines: Bridging the Gap (2013) or any subsequent updated version; (iii) New Zealand Transport Agency Landscape Guidelines (2018) or any subsequent updated version; (iv) New Zealand Transport Agency P39 Standard Specification for Highway Landscape Treatments (2013) or any subsequent updated version; and (v) Auckland's Urban Ngahere (Forest) Strategy or any subsequent updated version.

17.	The ULDMP(s) shall include: (a) a concept plan – which depicts the overall landscape and urban design concept, and explain the rationale for the landscape and urban design proposals; (b) developed design concepts, including principles for walking and cycling facilities and public transport; (c) landscape and urban design details – that cover the following: (i) road design – elements such as intersection form, carriageway gradient and associated earthworks contouring including cut and fill batters and the interface with adjacent land uses and existing roads (including slip lanes), benching, spoil disposal sites, median width and treatment, roadside width and treatment; (ii) roadside elements – such as lighting, fencing, wayfinding and signage; (iii) architectural and landscape treatment of all major structures, including bridges and retaining walls; (iv) architectural and landscape treatment of noise barriers; (v) landscape treatment and planting of permanent stormwater control wetlands and swales; (vi) integration of passenger transport; (vii) pedestrian and cycle facilities including paths, road crossings and dedicated pedestrian/ cycle bridges or underpasses; (viii) historic heritage places with reference to the HHMP (Condition 26); and (ix) re-instatement of construction and site compound areas; and (x) features disturbed during construction and intended to be reinstated such as: A. boundary features; B. driveways; C. accessways; and D. fences. (d) the ULDMP shall also include the following planting and maintenance details: (i) planting design details including: A. identification of existing trees and vegetation that will be retained with reference to the EMP (Condition 28). Where practicable, mature trees and native vegetation should be retained; B. street trees, shrubs and ground cover suitable for the location; C. treatment of fill slopes to integrate with adjacent land use, streams, riparian margins and open space zones; D. identification of any planting requirements under the EMP (Condition 28); E. integration of any planting required by conditions of any resource consents for the project; and F. re-instatement planting of construction and site compound areas as appropriate. (ii) a planting programme including the staging of planting in relation to the construction programme which shall, as far as practicable, include provision for planting within each planting season following completion of each Stage of Work; and (iii) detailed specifications relating to the following: A. weed control and clearance; B. pest animal management (to support plant establishment); C. ground preparation (top soiling and decompaction); D. mulching; and E. plant sourcing and planting, including hydroseeding and grassing, and use of eco-sourced species.
Construction conditions	

18.	Construction Environmental Management Plan (CEMP) (a) A CEMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the CEMP is to set out the management procedures and construction methods to be undertaken to avoid, remedy or mitigate any adverse effects associated with Construction Works as far as practicable. (b) To achieve the objective, the CEMP shall include: (i) the roles and responsibilities of staff and contractors; (ii) details of the site or project manager and the Project Liaison Person, including their contact details (phone and email address); (iii) the Construction Works programmes and the staging approach, and the proposed hours of work; (iv) details of the proposed construction yards including temporary screening when adjacent to residential areas; (v) details of the proposed construction lighting; (vi) methods for controlling dust and the removal of debris and demolition of construction materials from public roads or places; (vii) methods for providing for the health and safety of the general public; (viii) measures to mitigate flood hazard effects such as siting stockpiles out of floodplains, minimising obstruction to flood flows, actions to respond to warnings of heavy rain; (ix) procedures for incident management; (x) location and procedures for the refuelling and maintenance of plant and equipment to avoid discharges of fuels or lubricants to watercourses; (xi) 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; (xii) procedures for responding to complaints about Construction Works; and (xiii) methods for amending and updating the CEMP as required.
19.	Complaints Process (a) At all times during Construction Works, a record of any complaints received about the Construction Works shall be maintained. The record shall include: (i) the date, time and nature of the complaint; (ii) the name, phone number and address of the complainant (unless the complainant wishes to remain anonymous); (iii) measures taken to respond to the complaint (including a record of the response provided to the complainant) or confirmation of no action if deemed appropriate; (iv) the outcome of the investigation into the complaint; and (v) any other activities in the area, unrelated to the project that may have contributed to the complaint, such as non-project construction, fires, traffic accidents or unusually dusty conditions generally. (b) A copy of the complaints record required by this condition shall be made available to the Manager upon request as soon as practicable after the request is made.

20.	Cultural Monitoring Plan (CMP) (a) Prior to the Start of Construction, a CMP shall be prepared by a Suitably Qualified Person(s) identified in collaboration with Mana Whenua. The objective of the CMP is to identify methods for undertaking cultural monitoring to assist with management of any cultural effects during Construction Works. (b) To achieve the objective, the CMP shall include: (i) requirements for formal dedication or cultural interpretation to be undertaken prior to the Start of Construction in areas identified as having significance to Mana Whenua; (ii) requirements and protocols for cultural inductions for contractors and subcontractors; (iii) identification of activities, sites and areas where cultural monitoring is required during particular Construction Works; (iv) identification of personnel to undertake cultural monitoring, including any geographic definition of their responsibilities; and (v) details of personnel to assist with management of any cultural effects identified during cultural monitoring, including implementation of the Accidental Discovery Protocol. (c) If Enabling Works involving soil disturbance are undertaken prior to the Start of Construction, an Enabling Works CMP shall be prepared by a Suitably Qualified Person identified in collaboration with Mana Whenua. This plan may be prepared as a standalone Enabling Works CMP or be included in the main Construction Works CMP. Advice note: Where appropriate, the CMP shall align with the requirements of other conditions of the designation and resource consents for the project which require monitoring during Construction Works.

21.	Construction Traffic Management Plan (CTMP) (a) A CTMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the CTMP is to avoid, remedy or mitigate, as far as practicable, adverse construction traffic effects. (b) To achieve this objective, the CTMP shall include: (i) methods to manage the effects of temporary traffic management activities on traffic; (ii) measures to ensure the safety of all transport users; (iii) the estimated numbers, frequencies, routes and timing of traffic movements, including any specific non-working or non-movement hours to manage vehicular and pedestrian traffic near Education Facilities or to manage traffic congestion; (iv) site access routes and access points for heavy vehicles, the size and location of parking areas for plant, construction vehicles and the vehicles of workers and visitors; (v) identification of detour routes and other methods to ensure the safe management and maintenance of traffic flows, including public transport, pedestrians and cyclists; (vi) methods to maintain access to and within property and/or private roads where practicable, or to provide alternative arrangements when it will not be, including details of how access is managed for loading and unloading of goods; (vii) the management approach to loads on heavy vehicles, including covering loads of fine material, the use of wheel-wash facilities at site exit points and the timely removal of any material deposited or spilled on public roads; (viii) methods that will be undertaken to communicate traffic management measures to affected road users (e.g. residents / public / Stakeholders / emergency services); (ix) details of minimum network performance parameters during the construction phase, including any measures to monitor compliance with the performance parameters; and (x) details of any measures proposed to be implemented in the event of thresholds identified in (ix) being exceeded. (c) Auditing, monitoring and reporting requirements relating to traffic management activities shall be undertaken in accordance with the New Zealand Guide to Temporary Traffic Management (April 2023) or any subsequent version.

22.

Construction Noise Standards

(a) Construction noise shall be measured and assessed in accordance with NZS6803:1999 Acoustics – Construction Noise and shall comply with the noise standards set out in the following table as far as practicable:

Table 22-1 Construction Noise Standards

Day of week	Time period	L _{Aeq} (15min)	L _{AF} max
Occupied activity sensitive to noise			
Weekday	0630h - 0730h	55 dB	75 dB
	0730h - 1800h	70 dB	85 dB
	1800h - 2000h	65 dB	80 dB
	2000h - 0630h	45 dB	75 dB
Saturday	0630h - 0730h	45 dB	75 dB
	0730h - 1800h	70 dB	85 dB
	1800h - 2000h	45 dB	75 dB
	2000h - 0630h	45 dB	75 dB
Sunday and Public Holidays	0630h - 0730h	45 dB	75 dB
	0730h - 1800h	55 dB	85 dB
	1800h - 2000h	45 dB	75 dB
	2000h - 0630h	45 dB	75 dB
Other occupied buildings			
All	0730h – 1800h	70 dB	
	1800h – 0730h	75 dB	

(b) Where compliance with the noise standards set out in Table 22-1 is not practicable, the methodology in Condition 25 shall apply.

23.

Construction Vibration Standards

(a) Construction vibration shall be measured in accordance with ISO 4866:2010 Mechanical vibration and shock – Vibration of fixed structures – Guidelines for the measurement of vibrations and evaluation of their effects on structures and shall comply with the vibration standards set out in the following table as far as practicable.

Table 23-1 Construction Vibration Standards

Receiver	Details	Category A*	Category B**
Occupied activities sensitive to noise	Night-time 2000h - 0630h	0.3mm/s ppv	2mm/s ppv
	Daytime 0630h - 2000h	2mm/s ppv	5mm/s ppv
Other occupied buildings	Daytime 0630h - 2000h	2mm/s ppv	5mm/s ppv
All other buildings	At all other times	Tables 1 and 3 of DIN4150-3:1999	

* Category A criteria adopted from Rule E25.6.30.1 of the AUP

** Category B criteria based on DIN 4150-3:1999 building damage criteria for daytime

(b) Where compliance with the vibration standards set out in Table 23-1 is not practicable, the methodology in Condition 25 shall apply.

24.	Construction Noise and Vibration Management Plan (CNVMP) (a) A CNVMP shall be prepared prior to the Start of Construction for Stage of Work. A CNVMP shall be implemented during the Stage of Work to which it relates. The objective of the CNVMP is to provide a framework for the development and implementation of the Best Practicable Option for the management of construction noise and vibration effects to achieve the construction noise and vibration standards set out in Conditions 22 and 23 to the extent practicable. (b) To achieve the objective, the CNVMP shall be prepared in accordance with Annex E2 of the New Zealand Standard NZS6803:1999 'Acoustics – Construction Noise' (NZS6803:1999) and shall as a minimum, address the following: (i) description of the works and anticipated equipment/processes; (ii) hours of operation, including times and days when construction activities would occur; (iii) the construction noise and vibration standards for the project; (iv) identification of receivers where noise and vibration standards apply; (v) a hierarchy of management and mitigation options, including any requirements to limit night works and works during other sensitive times, including Sundays and public holidays as far as practicable; (vi) methods and frequency for monitoring and reporting on construction noise and vibration; (vii) procedures for communication and engagement with nearby residents and Stakeholders, including notification of proposed construction activities, the period of construction activities, and management of noise and vibration complaints; (viii) contact details of the Project Liaison Person; (ix) procedures for the regular training of the operators of construction equipment to minimise noise and vibration as well as expected construction site behaviours for all workers; (x) procedures and requirements for the preparation of a Schedule to the CNVMP (Schedule) for those areas where compliance with the noise Condition 22 and/or vibration standards Condition 23 Category B will not be practicable; (xi) identification of trigger levels for undertaking building condition surveys, which shall be Category B day time levels; (xii) procedures and trigger levels for undertaking building condition surveys before and after works to determine whether any cosmetic or structural damage has occurred as a result of construction vibration; (xiii) methodology and programme of desktop and field audits and inspections to be undertaken to ensure that the CNVMP, Schedules and the Best Practicable Option for management of effects are being implemented; and (xiv) requirements for review and update of the CNVMP.

25.	Schedule to a CNVMP (a) A Schedule to the CNVMP (Schedule) shall be prepared prior to the Start of Construction of an activity to which it relates by a Suitably Qualified Person, in consultation with the owners and occupiers of sites subject to the Schedule, when: (i) construction noise is either predicted or measured to exceed the noise standards in Condition 22, except where the exceedance of the L_{Aeq} criteria is no greater than 5 decibels and does not exceed: A. 0630 – 2000: 2 periods of up to 2 consecutive weeks in any 2 months; or B. 2000 - 0630: 1 period of up to 2 consecutive nights in any 10 days; (ii) construction vibration is either predicted or measured to exceed the Category B standard at the receivers in Condition 23. (b) The objective of the Schedule is to set out the Best Practicable Option measures to manage noise and/or vibration effects of the construction activity beyond those measures set out in the CNVMP. (c) To achieve the objective, the Schedule shall include details such as: (i) construction activity location, start and finish dates; (ii) the nearest neighbours to the construction activity; (iii) the predicted noise and/or vibration level for all receivers where the levels are predicted or measured to exceed the applicable standards and predicted duration of the exceedance; (iv) for works proposed between 2000h and 0630h, the reasons why the proposed works must be undertaken during these hours and why they cannot be practicably undertaken during the daytime; (v) the proposed mitigation options that have been selected, and the options that have been discounted as being impracticable and the reasons why; (vi) the consultation undertaken with owners and occupiers of sites subject to the Schedule, and how consultation has and has not been taken into account; and (vii) location, times and types of monitoring. (d) The Schedule shall be submitted to the Manager for Certification at least five working days (except in unforeseen circumstances) in advance of Construction Works that are covered by the scope of the Schedule and shall form part of the CNVMP. (e) The CNVMP Schedule shall be deemed certified five working days from the submission of the CNVMP Schedule where no written confirmation of Certification has been received. (f) Where material changes are made to a Schedule required by this condition, the Requiring Authority shall consult the owners and/or occupiers of sites subject to the Schedule prior to submitting the amended Schedule to the Manager for Certification in accordance with (d) above. The amended Schedule shall document the consultation undertaken with those owners and occupiers, and how consultation outcomes have and have not been taken into account.

26.	Historic Heritage Management Plan (HHMP) (a) A HHMP shall be prepared in consultation with Council, HNZPT and Mana Whenua prior to the Start of Construction for a Stage of Work. The objective of the HHMP is to protect historic heritage and to remedy and mitigate any residual effects as far as practicable. (b) To achieve the objective, the HHMP shall identify: (i) any adverse direct and indirect effects on historic heritage sites and measures to appropriately avoid, remedy or mitigate any such effects, including a tabulated summary of these effects and measures; (ii) methods for the identification and assessment of potential historic heritage places within the designation to inform detailed design; (iii) known historic heritage places and potential archaeological sites within the designation, including identifying any archaeological sites for which an Archaeological Authority under the HNZPTA will be sought or has been granted; (iv) any unrecorded archaeological sites or post-1900 heritage sites within the designation, which shall also be documented and recorded; (v) roles, responsibilities and contact details of project personnel, Council and HNZPT representatives, Mana Whenua representatives, and relevant agencies involved with heritage and archaeological matters including surveys, monitoring of Construction Works, compliance with AUP accidental discovery rule, and monitoring of conditions; (vi) specific areas to be investigated, monitored and recorded to the extent these are directly affected by the project; (vii) the proposed methodology for investigating and recording post-1900 historic heritage sites (including buildings) that need to be destroyed, demolished or relocated, including details of their condition, measures to mitigate any adverse effects and timeframe for implementing the proposed methodology, in accordance with the HNZPT Archaeological Guidelines Series No.1: Investigation and Recording of Buildings and Standing Structures (November 2018), or any subsequent version; (viii) methods to acknowledge cultural values identified through Condition 14 where archaeological sites also involve ngā taonga tuku iho (treasures handed down by our ancestors) and where feasible and practicable to do so; (ix) methods for avoiding, remedying or mitigating adverse effects on historic heritage places and sites within the designation during Construction Works as far as practicable. These methods shall include, but are not limited to: A. security fencing or hoardings around historic heritage places to protect them from damage during construction or unauthorised access; B. measures to mitigate adverse effects on historic heritage sites that achieve positive historic heritage outcomes such as increased public awareness and interpretation signage; and C. training requirements and inductions for contractors and subcontractors on historic heritage places within the designation, legal obligations relating to unexpected discoveries and the AUP Accidental Discovery Rule (E11.6.1). The training shall be undertaken prior to the Start of Construction, under the guidance of a Suitably Qualified Person and Mana Whenua representatives (to the extent the training relates to cultural values identified under Condition 14). Advice note: Accidental Discoveries The requirements for accidental discoveries of heritage items are set out in Rule E11.6.1 of the AUP.

27.	Pre-Construction Ecological Survey (a) At the start of detailed design for a Stage of Work, an updated ecological survey shall be undertaken in the relevant geographic area by a Suitably Qualified Person. The purpose of the survey is to inform ecological management by: (i) confirming whether the species of value within the Identified Biodiversity Areas recorded in the Identified Biodiversity Area Schedule 3 are still present; and (ii) confirming whether the project will or is likely to have a moderate or greater level of ecological effect on species of value (prior to implementation of impact management measures). The level of effect shall be determined in accordance with Table 10 of the EIANZ Guidelines (or subsequent updated version of that table) as included in Schedule 4 of these conditions. (b) If the ecological survey confirms the presence of ecological species of value in accordance with Condition 27(a)(i) and that effects are likely in accordance with Condition 27(a)(ii) then an Ecological Management Plan (or Plans) shall be prepared in accordance with Condition 28 for these areas (Confirmed Biodiversity Areas).

28.	Ecological Management Plan (EMP) (a) An EMP shall be prepared for any Confirmed Biodiversity Areas (confirmed through Condition 27) prior to the Start of Construction for a Stage of Work. The objective of the EMP is to minimise effects of the project on the ecological features of value in Confirmed Biodiversity Areas as far as practicable. (b) If an EMP is required in accordance with (a) for the presence of long tail bats, the EMP may include the following to achieve the objective: (i) measures to minimise as far as practicable, disturbance from construction activities within 50m of any active long tail bat roosts that are discovered through survey until such roosts are confirmed to be vacant of bats; (ii) timing of any Construction Works within 50m of any active maternity long tail bat roosts. Those Construction Works shall be undertaken outside the bat maternity period (between December and March) where reasonably practicable; (iii) details of areas where vegetation is to be retained and where additional planting is proposed to be provided and maintained for the purposes of the connectivity of long tail bat habitats; and (iv) details of measures to minimise any operational disturbance from light spill. (c) If an EMP is required in accordance with (a) for the presence of Threatened or At-Risk birds (excluding wetland birds), the EMP may include the following to achieve the objective: (i) timing of any Construction Works which may have adverse effects on Threatened or At-Risk birds (excluding wetland birds). Those Construction Works shall be undertaken outside the bird breeding season (September to February) where practicable; and (ii) where works are required within the area identified in the Confirmed Biodiversity Area during the bird breeding season, methods to minimise adverse effects on Threatened or At-Risk birds. (d) If an EMP is required in accordance with (a) for the presence of Threatened or At-Risk wetland birds, the EMP may include the following to achieve the objective: (i) details of any nesting bird surveys of Threatened or At-Risk wetland birds. Nesting bird surveys shall be undertaken within any wetland that is both within a Confirmed Biodiversity Area and located within a 50m radius of Construction Works. Surveys shall be undertaken prior to any such works taking place and repeated at the beginning of each wetland bird breeding season until the Completion of Construction; (ii) timing of any Construction Works which may have adverse effects on Threatened or At-Risk wetland birds. Those Construction Works shall be undertaken outside of the bird breeding season (September to February) where practicable; (iii) where works are required within the Confirmed Biodiversity Area during the bird breeding season, methods to minimise adverse effects on Threatened or At-Risk wetland birds; and (iv) details of what protection and buffer measures are proposed to manage effects on nesting Threatened or At-Risk wetland birds identified through a survey undertaken in accordance with Condition (d)(i). Proposed measures shall address: A. the type, intensity and duration of construction activity; B. the likely sensitivity of the nesting bird species to the construction activity; and C. any environmental features (e.g., vegetation and contour) that could influence the extent of potential adverse effects on the Threatened or At-Risk wetland birds. (e) The EMP shall be consistent with any ecological management measures to be undertaken in compliance with conditions of any regional resource consents granted for the project. Advice note:

	Depending on the potential effects of the project, the regional consents for the project may include the following monitoring and management plans: (i) stream and/or wetland restoration plans; (ii) vegetation restoration plans; and (iii) fauna management plans (e.g. avifauna).
29.	Network Utility Management Plan (NUMP) (a) A NUMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the NUMP is to set out a framework for protecting, relocating and working in proximity to existing network utilities. (b) To achieve the objective, the NUMP shall include methods to: (i) provide access for maintenance at all reasonable times, or emergency works at all times during construction activities; (ii) protect and where necessary, relocate existing network utilities; (iii) manage the effects of dust and any other material potentially resulting from construction activities and able to cause material damage, beyond normal wear and tear to overhead transmission lines in the project area; (iv) demonstrate compliance with relevant standards and Codes of Practice including, where relevant, the NZECP 34:2001 New Zealand Electrical Code of Practice for Electrical Safe Distances 2001; AS/NZS 4853:2012 Electrical hazards on Metallic Pipelines, and AS/NZS 2885 Pipelines – Gas and Liquid Petroleum. (c) The NUMP shall be prepared in consultation with the relevant Network Utility Operator(s) who have existing assets that are directly affected by the project. (d) The development of the NUMP shall consider opportunities to coordinate future work programmes with other Network Utility Operator(s) during detailed design where practicable. (e) The NUMP shall describe how any comments from the Network Utility Operator in relation to its assets have been addressed. (f) Any comments received from the Network Utility Operator shall be considered when finalising the NUMP. (g) Any amendments to the NUMP related to the assets of a Network Utility Operator shall be prepared in consultation with that asset owner.
30.	Network Integration Management Plan (NIMP) (a) At least six months prior to the start of detailed design for a Stage of Work, the Requiring Authority shall prepare, in collaboration with other relevant road controlling authorities, a NIMP. (b) The objective of the NIMP is to identify how the project will integrate with the planned transport network in the North Growth Area to achieve an effective, efficient and safe land transport system. To achieve this objective, the NIMP shall include details of the: (i) project implementation approach and any staging of the project, including both design, management and operational matters; and (ii) sequencing of the project with the planned transport network, including both design, management and operational matters.
Operational conditions	

31.	Low Noise Road Surface (a) Asphaltic concrete surfacing (or equivalent low noise road surface) shall be implemented within 12 months of Completion of Construction of the project. (b) The asphaltic concrete surface shall be maintained as far as practicable to retain the noise reduction performance of the surface established in accordance with (a), unless Condition 32 applies.
32.	Future Resurfacing Work (a) Any future resurfacing works of the project shall be undertaken in accordance with the Auckland Transport Reseal Guidelines, Asset Management and Systems 2013 or any updated version and asphaltic concrete surfacing (or equivalent low noise road surface) shall be implemented where: (i) the volume of traffic exceeds 10,000 vehicles per day; (ii) the road is subject to high wear and tear (such as cul de sac heads, roundabouts and main road intersections); (iii) it is in an industrial or commercial area where there is a high concentration of truck traffic; or (iv) it is subject to high usage by pedestrians, such as town centres, hospitals, shopping centres and schools. (b) Prior to commencing any future resurfacing works, the Requiring Authority shall advise the Manager if any of the triggers in Condition 32(a)(i) – (iv) are not met by the road or a section of it and therefore where the application of asphaltic concrete surfacing (or equivalent low noise road surface) is no longer required on the road or a section of it. Such advice shall also indicate when any resealing is to occur.
	Traffic Noise For the purposes of Conditions 33 to 38: (a) Building-Modification Mitigation – has the same meaning as in NZS 6806; (b) Design year has the same meaning as in NZS 6806; (c) Detailed Mitigation Options – means the fully detailed design of the Selected Mitigation Options, with all practical issues addressed; (d) Habitable Space – has the same meaning as in NZS 6806; (e) Identified Noise Criteria Category – means the Noise Criteria Category for a PPF identified in Schedule 5: Identified PPFs Noise Criteria Categories; (f) Mitigation – has the same meaning as in NZS 6806:2010 Acoustics – Road-traffic noise – New and altered roads; (g) Noise Criteria Categories – means the groups of preference for sound levels established in accordance with NZS 6806 when determining the Best Practicable Option for noise mitigation (i.e. Categories A, B and C); (h) NZS 6806 – means New Zealand Standard NZS 6806:2010 Acoustics – Road-traffic noise – New and altered roads; (i) Protected Premises and Facilities (PPFs) – means only the premises and facilities identified in Schedule 5: Identified PPFs Noise Criteria Categories; (j) Selected Mitigation Options – means the preferred mitigation option resulting from a Best Practicable Option assessment undertaken in accordance with NZS 6806 taking into account any low noise road surface to be implemented in accordance with Condition 31; and (k) Structural Mitigation – has the same meaning as in NZS 6806.
33.	The Noise Criteria Categories identified in Schedule 5: Identified PPFs Noise Criteria Categories at each of the PPFs shall be achieved where practicable and subject to Conditions 33 to 38 (all traffic noise conditions). The Noise Criteria Categories do not need to be complied with at a PPF where: (a) the PPF no longer exists; or (b) agreement of the landowner has been obtained confirming that the Noise Criteria Category does not need to be met. Achievement of the Noise Criteria Categories for PPFs shall be by reference to a traffic forecast for a high growth scenario in a design year at least 10 years after the programmed opening of the project.

34.	As part of the detailed design of the project, a Suitably Qualified Person shall determine the Selected Mitigation Options for the PPFs identified on Schedule 5: Identified PPFs Noise Criteria Categories. For the avoidance of doubt, the low noise road surface implemented in accordance with Condition 31 may be (or be part of) the Selected Mitigation Option(s).
35.	Prior to the Start of Construction of the project, a Suitably Qualified Person shall develop the Detailed Mitigation Options for the PPFs identified in Schedule 5: Identified PPFs Noise Criteria Categories, taking into account the Selected Mitigation Options.
36.	If the Detailed Mitigation Options would result in the Identified Noise Criteria Category changing to a less stringent Category, e.g. from Category A to B or Category B to C, at any relevant PPF, a Suitably Qualified Person shall provide confirmation to the Manager that the Detailed Mitigation Option would be consistent with adopting the Best Practicable Option in accordance with NZS 6806 prior to implementation.
37.	The Detailed Mitigation Options shall be implemented prior to Completion of Construction of the project, with the exception of any low-noise road surfaces, which shall be implemented within 12 months of Completion of Construction.
38.	Any barriers required by the Detailed Mitigation Options shall be maintained so they retain their noise reduction performance as far as practicable.

Attachments

Schedule 1: General Accordance Plans and Information

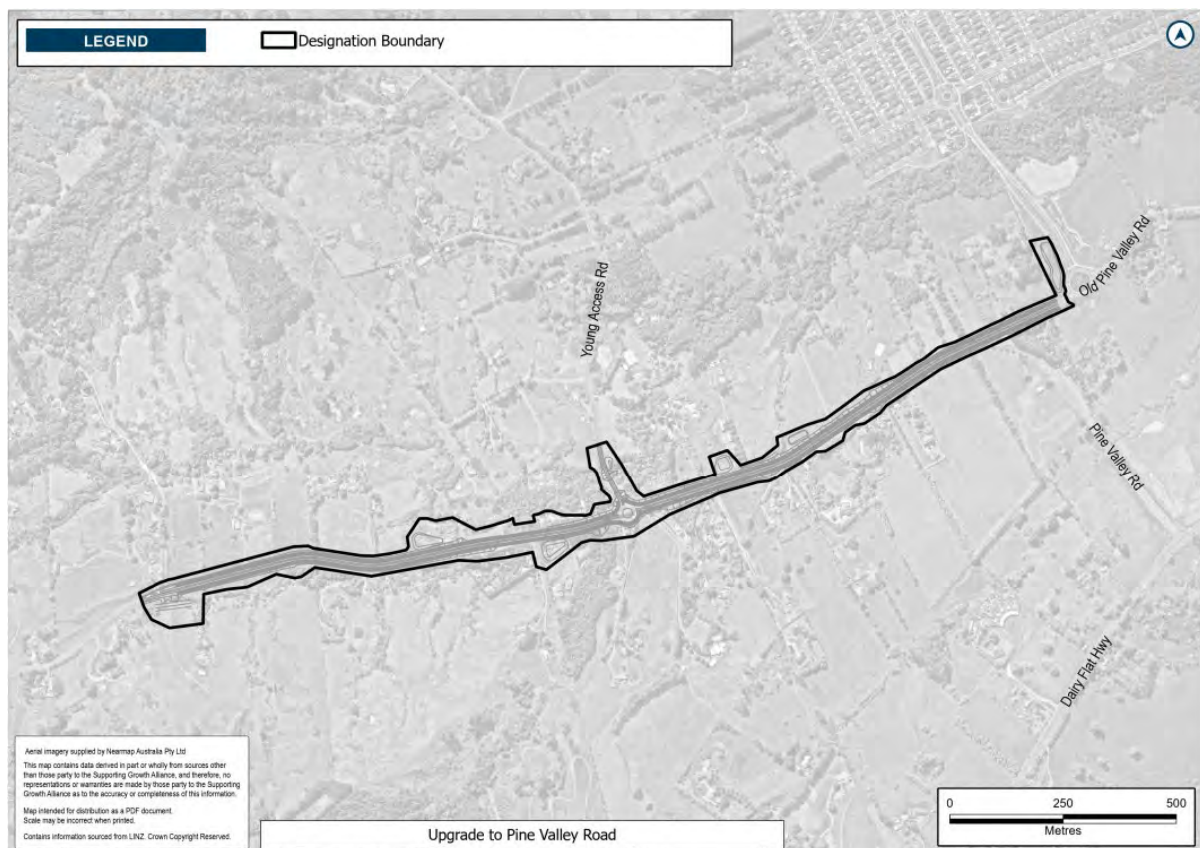
Project Description

The proposed work is the construction, operation and maintenance of an upgrade to Pine Valley Road in Dairy Flat to an urban arterial corridor between Argent Lane and the rural-urban boundary, including active transport facilities and associated infrastructure.

The proposed work is shown in the following Concept Plan and includes:

- Upgrading the corridor to an urban arterial with walking and cycling facilities.
- Tie-ins with existing roads and localised widening around the existing intersections to accommodate new intersection forms.
- New or upgraded stormwater management systems, bridges and culverts (where applicable).
- Batter slopes, and associated cut and fill activities (earthworks).
- Vegetation removal.
- Other construction related activities required outside the permanent corridor including the re-grade of driveways, construction traffic manoeuvring and construction laydown areas.

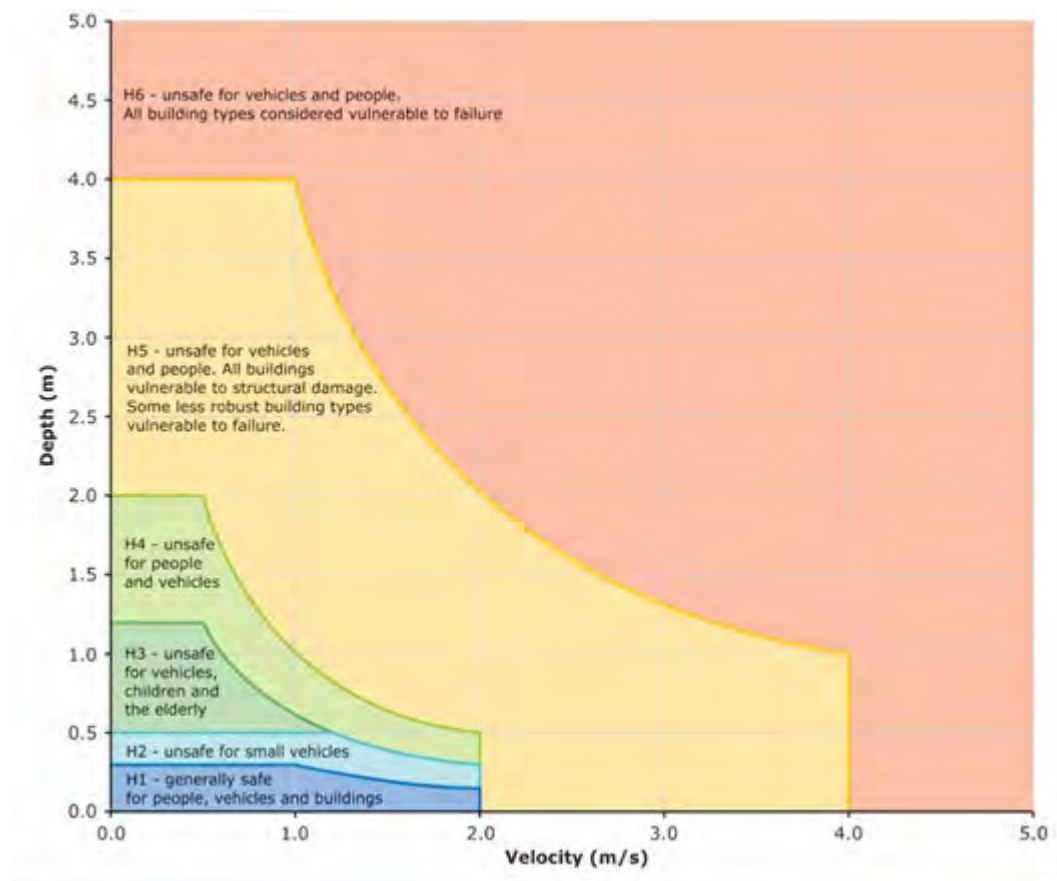
Concept Plan



Schedule 2 – Flood Hazard Class

The combined flood hazard curves shown below set hazard thresholds that relate to the vulnerability of the community when interacting with floodwaters. The combined curves are divided into hazard classifications that relate to specific vulnerability thresholds

The vulnerability thresholds identified in the flood hazard curves can be applied to the best description of flood behaviour available for a subject site. In this regard, the hazard curves can be applied equally to flood behaviour estimates from measured data, simpler 1D numerical modelling approaches, through to complex 2D model estimates with the level of accuracy and uncertainty of the flood hazard estimate linked to the method used to derive the flood behaviour estimate.



Source: Australian Rainfall and Runoff, Book 6, 2019

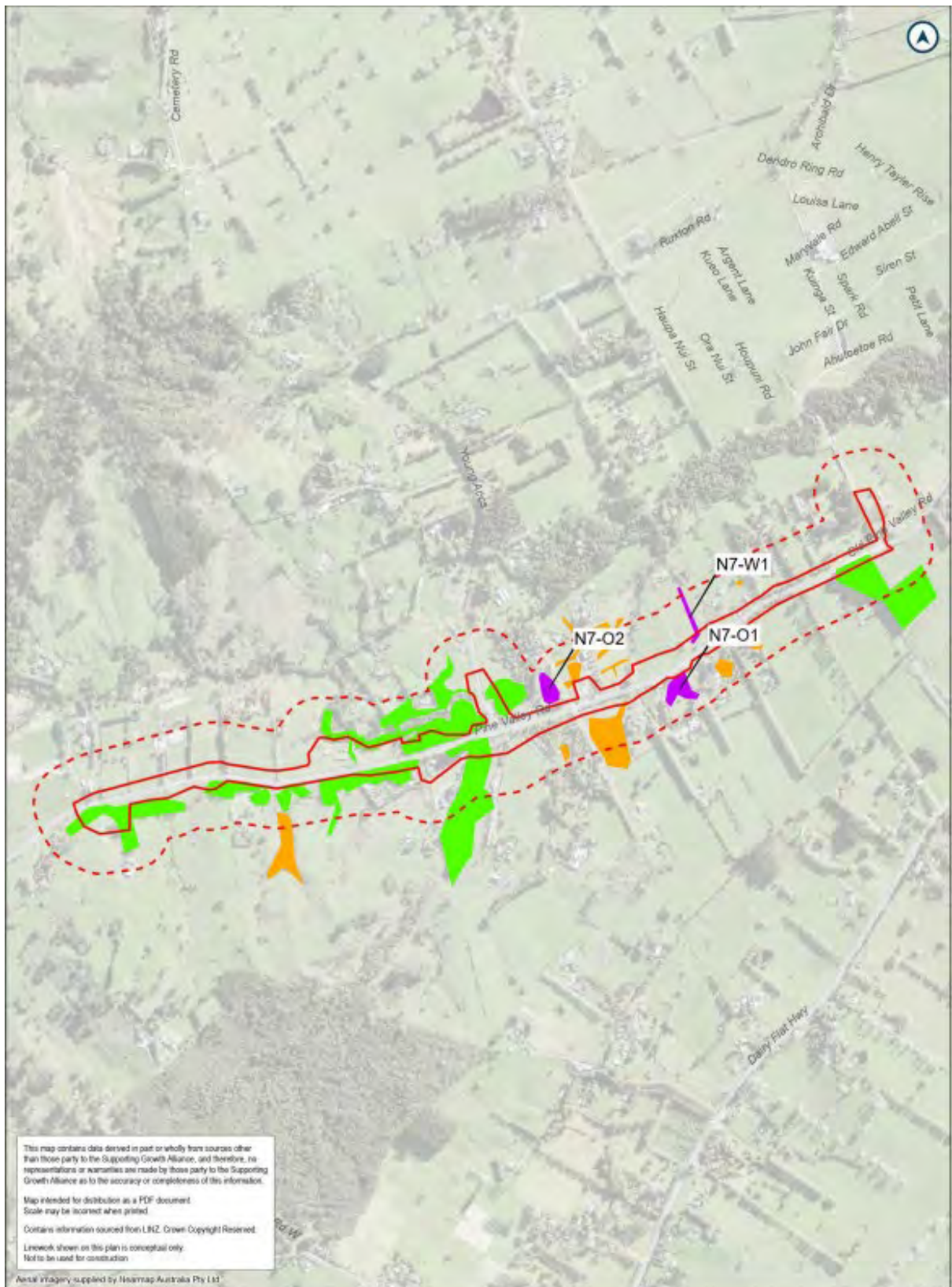
Schedule 3: Identified Biodiversity Areas



LEGEND

- Designation Boundary
- Bat Corridors





LEGEND

Designation Boundary
Buffer 100m

Identified Biodiversity
Areas for Wetland
Avifauna

Named Wetlands

Unnamed Wetlands

Identified Biodiversity
Areas for Non-wetland
Avifauna

Non-wetland
Vegetation

0 250 500
Metres

Schedule 4: Table 10 of the 2018 EIANZ Guidelines

Criteria for describing level of effects (Adapted from Regini (2000) and Boffa Miskell (2011))

Ecological Value → Magnitude ↓	Very high	High	Moderate	Low	Negligible
Very high	Very high	Very high	High	Moderate	Low
High	Very high	Very high	Moderate	Low	Very low
Moderate	High	High	Moderate	Low	Very low
Low	Moderate	Low	Low	Very low	Very low
Negligible	Low	Very low	Very low	Very low	Very low
Positive	Net gain	Net gain	Net gain	Net gain	Net gain

Schedule 5: Identified PPFs Noise Criteria Categories

Address	New or Altered Road	Noise Criteria Category
10 Old Pine Valley Road	Altered	A
195 Pine Valley Road	Altered	A
223 Pine Valley Road	Altered	A
212 Pine Valley Road	Altered	A
21 Young Access	Altered	A
211 Pine Valley Road	Altered	A
165 Pine Valley Road	Altered	A
1 Old Pine Valley Road	Altered	A
210 Pine Valley Road	Altered	A
146 Pine Valley Road	Altered	A
231 Pine Valley Road	Altered	A
37 Old Pine Valley Road	Altered	A
175 Pine Valley Road	Altered	A
189 Pine Valley Road	Altered	A
19 Young Access	Altered	A
36 Old Pine Valley Road	Altered	A
180 Pine Valley Road	Altered	A

Appendix D – Auckland Transport’s Modifications to NoR 8 conditions (clean)

[XXXX] Upgrade to Dairy Flat Highway between Silverdale and Dairy Flat

Designation Number	[XXXX]
Requiring Authority	Auckland Transport
Location	Dairy Flat Highway between Silverdale Interchange and Durey Road in Dairy Flat
Lapse Date	In accordance with section 184(1)(c) of the RMA, this designation shall lapse if not given effect to within 20 years from the date on which it is included in the AUP.

Purpose

The construction, operation and maintenance of an upgrade to Dairy Flat Highway to an arterial transport corridor and associated facilities.

Conditions

Abbreviations and definitions

Acronym/Term	Definition
Activity sensitive to noise	Any dwelling, visitor accommodation, boarding house, marae, papakāinga, integrated residential development, retirement village, supported residential care, care centre, lecture theatre in a tertiary Education Facility, classroom in an Education Facility and healthcare facility with an overnight stay facility
AUP	Auckland Unitary Plan
BPO or Best Practicable Option	Has the same meaning as in section 2 of the RMA 1991
CEMP	Construction Environmental Management Plan
Certification of material changes to management plans	Confirmation from the Manager that a material change to a management plan has been prepared in accordance with the condition to which it relates. A material change to a management plan shall be deemed certified: (a) where the Requiring Authority has received written confirmation from the Manager that the material change to the management plan is certified; or (b) 10 working days from the submission of the material change to the management plan where no written confirmation of certification has been received
CMP	Cultural Monitoring Plan
CNVMP	Construction Noise and Vibration Management Plan
CNVMP Schedule or Schedule	A schedule to the CNVMP
Completion of Construction	When construction of the project (or part of the project) is complete and it is available for use
Confirmed Biodiversity Areas	Areas recorded in the Identified Biodiversity Area Schedule where the ecological values and effects have been confirmed through the ecological survey under Condition 27
Construction Works	Activities undertaken to construct the project excluding Enabling Works
Council	Auckland Council
CTMP	Construction Traffic Management Plan

Developer	Any legal entity that intends to master plan or develop land adjacent to the designation
Development Agency	Public entities involved in development projects
Education Facility	Facility used for education to secondary level. Includes: - schools and outdoor education facilities; and - accommodation, administrative, cultural, religious, health, retail and communal facilities accessory to the above. Excludes: - care centres; and - tertiary education facilities.
EIANZ Guidelines	Ecological Impact Assessment: EIANZ Guidelines for use in New Zealand: terrestrial and freshwater ecosystems, second edition, dated May 2018
EMP	Ecological Management Plan
Enabling Works	Includes, but is not limited to, the following and similar activities: - geotechnical investigations (including trial embankments); - archaeological site investigations; - formation of access for geotechnical investigations; - establishment of site yards, site entrances and fencing; - constructing and sealing site access roads; - demolition or removal of buildings and structures; - relocation of services; and - establishment of mitigation measures (such as erosion and sediment control measures, temporary noise walls, earth bunds and planting)
HHMP	Historic Heritage Management Plan
HNZPT	Heritage New Zealand Pouhere Taonga
HNZPTA	Heritage New Zealand Pouhere Taonga Act 2014
Identified Biodiversity Area	Means an area or areas of features of ecological value where the project ecologist has identified that the project will potentially have a moderate or greater level of ecological effect, prior to implementation of impact management measures, as determined in accordance with the EIANZ Guidelines
Manager	The Manager – Resource Consents of the Auckland Council, or authorised delegate
Mana Whenua	Mana Whenua as referred to in the conditions are considered to be, but not limited to, the following (in no particular order), who at the time of Notice of Requirement expressed a desire to be involved in the project: - Ngāti Manuhiri - Te Kawerau ā Maki - Te Ākitai Waiohū - Ngāti Whanaunga - Te Runanga o Ngāti Whātua - Ngāti Maru - Te Patu Kirikiri - Ngāti Whātua o Kaipara - Ngāti Tamaterā - Ngai Tai ki Tāmaki - Ngāti Paoa Iwi Trust - Ngāti Paoa Trust Board Note: other iwi not identified above may have an interest in the project and should be consulted
Network Utility Operator	Has the same meaning as set out in section 166 of the RMA
NIMP	Network Integration Management Plan

NoR	Notice of Requirement
North Growth Area	Land for future urban development in the North of Auckland, including Future Urban zoned areas in Ara Hills, Ōrewa, Wainui East, Silverdale West, Redvale and Dairy Flat
NUMP	Network Utilities Management Plan
Outline Plan	An outline plan prepared in accordance with section 176A of the RMA
Project Liaison Person	The person or persons appointed for the duration of the project's Construction Works to be the main point of contact for persons wanting information about the project or affected by the Construction Works
Protected Premises and Facilities (PPF)	Protected Premises and Facilities as defined in New Zealand Standard NZS 6806:2010: <i>Acoustics – Road-traffic noise – New and altered roads</i>
Requiring Authority	Has the same meaning as section 166 of the RMA and, for this designation is Auckland Transport
RMA	Resource Management Act 1991
SCEMP	Stakeholder Communication and Engagement Management Plan
Stakeholder	Stakeholders to be identified in accordance with Condition 4, which may include as appropriate: (a) adjacent owners and occupiers; (b) adjacent business owners and operators; (c) central and local government bodies; (d) community groups; (e) developers; (f) development agencies; (g) Education Facilities; and (h) Network Utility Operators.
Stage of Work	Any physical works that require the development of an Outline Plan
Start of Construction	The time when Construction Works (excluding Enabling Works) start
Suitably Qualified Person	A person (or persons) who can provide sufficient evidence to demonstrate their suitability, experience and competence in the relevant field of expertise.
TMP	Tree Management Plan
ULDMP	Urban and Landscape Design Management Plan

General conditions	
1.	Activity in General Accordance with Plans and Information (a) Except as provided for in the conditions below, and subject to final design and Outline Plan(s), works within the designation shall be undertaken in general accordance with the project description and concept plan in Schedule 1. (b) Where there is inconsistency between: (i) the project description and concept plan in Schedule 1 and the requirements of the following conditions, the conditions shall prevail; (ii) the project description and concept plan in Schedule 1, and the management plans under the conditions of the designation, the requirements of the management plans shall prevail.
2.	Project Information (a) A project website, or equivalent virtual information source, shall be established as soon as reasonably practicable, and within six months of the inclusion of this designation in the AUP. This shall be updated as required so it remains current. (b) All directly affected owners and occupiers shall be notified in writing as soon as reasonably practicable once the website or equivalent information source has been established. The project website or virtual information source shall include these conditions and shall provide information on: (i) the status of the project; (ii) anticipated construction timeframes; (iii) contact details for enquiries; (iv) the implications of the designation for landowners, occupiers and business owners and operators within the designation and where they can receive additional advice; (v) a subscription service to enable receipt of project updates by email; (vi) the types of activities that can be undertaken by landowners without the need for written consent to be obtained under s176(1)(b) of the RMA; and (vii) when and how to apply for consent for works in the designation under section 176(1)(b) of the RMA. (c) At ten yearly intervals from the inclusion of this designation in the AUP until the start of detailed design, the Requiring Authority shall identify appropriate methods with the relevant Local Board(s) to: (i) inform the wider community of the project status; and (ii) raise awareness of the project website. (d) At the start of detailed design for a Stage of Work, the project website or virtual information source shall be updated to provide information on the likely date for Start of Construction, and any Staging of Works.

3.	Land use Integration Process (a) The Requiring Authority shall set up a Land use Integration Process for the period between confirmation of the designation and the Start of Construction. The purpose of this process is to encourage and facilitate the integration of master planning and land use development activity on land directly affected or adjacent to the designation. To achieve this purpose: (i) the Requiring Authority shall include the contact details of a nominated contact on the project website (or equivalent information source) required to be established by Condition 2(b)(iii); and (ii) the nominated contact shall be the main point of contact for a Developer or Development Agency wanting to work with the Requiring Authority to integrate their development plans or master planning with the designation. (b) At any time prior to the Start of Construction, the nominated contact will be available to engage with a Developer or Development Agency for the purpose of: (i) responding to requests made to the Requiring Authority for information regarding design details that could assist with land use integration; and (ii) receiving information from a Developer or Development Agency regarding master planning or land development details that could assist with land use integration. (c) Information requested or provided under Condition 3(b) above may include but not be limited to the following matters: (i) design details including but not limited to: A. boundary treatment (e.g. the use of retaining walls or batter slopes); B. the horizontal and vertical alignment of the road (levels); C. potential locations for mid-block crossings; D. integration of stormwater infrastructure; and E. traffic noise modelling contours. (ii) potential modifications to the extent of the designation in response to information received through Condition 3(b)(ii); (iii) a process for the Requiring Authority to undertake a technical review of or provide comments on any master planning or development proposal advanced by the Developer or Development Agency as it relates to integration with the project; and (iv) details of how to apply for written consent from the Requiring Authority for any development proposal that relates to land that is within the designation under section 176(1)(b) of the RMA. (d) Where information is requested from the Requiring Authority and is available, the nominated contact shall provide the information unless there are reasonable grounds for not providing it. (e) The nominated contact shall maintain a record of the engagement between the Requiring Authority and Developers and Development Agencies for the period following the date in which this designation is included in the AUP through to the Start of Construction for a Stage of Work. The record shall include: (i) details of any requests made to the Requiring Authority that could influence detailed design, the results of any engagement and, where such requests that could influence detailed design are declined, the reasons why the Requiring Authority has declined the requests; and (ii) details of any requests to co-ordinate the forward work programme, where appropriate, with Development Agencies and Network Utility Operators. (f) The record shall be submitted to Council for information 10 working days prior to the Start of Construction for a Stage of Work.

4.	Stakeholder Communication and Engagement Design (a) At least six months prior to the start of detailed design for a Stage of Work, the Requiring Authority shall identify: (i) a list of Stakeholders; (ii) a list of properties within the designation which the Requiring Authority does not own or have occupation rights to; and (iii) methods to engage with Stakeholders and the owners and occupiers of properties identified in (a)(i) – (ii) above. (b) A record of (a) shall be submitted to the Manager for information with an Outline Plan for the relevant Stage of Work.
5.	Designation Review As soon as reasonably practicable following Completion of Construction, the Requiring Authority shall: (i) review the extent of the designation to identify any areas of designated land that it no longer requires for the on-going operation, maintenance or mitigation of effects of the project; and (ii) give notice to the Manager in accordance with section 182 of the RMA for the removal of those parts of the designation identified above.
6.	Lapse In accordance with section 184(1)(c) of the RMA, this designation shall lapse if not given effect to within 20 years from the date on which it is included in the AUP.
7.	Network Utility Operators and Auckland Council Parks (Section 176 Approval) (a) Prior to the Start of Construction, Network Utility Operators with existing infrastructure and Auckland Council in relation to parks located within the designation will not require written consent under section 176 of the RMA for the following activities: (i) operation, maintenance and repair works; (ii) minor renewal works to existing network utilities or parks necessary for the on-going provision or security of supply of network utility or parks operations; (iii) minor works such as new service connections; and (iv) the upgrade and replacement of existing network utilities in the same location with the same or similar effects on the works authorised by the designation as the existing utility. (b) To the extent that a record of written approval is required for the activities listed above, this condition shall constitute written approval.
8.	General Section 176 Approval (a) Prior to the start of the formal acquisition process under the Public Works Act 1981 for a property, or submission of the Outline Plan, persons on properties zoned Rural or Future Urban will not require written consent under section 176 of the RMA for the following activities: (i) Internal alterations; (ii) Repair of existing utility services; (iii) One extension to an existing structure as at 2023, up to 30m²; and (iv) Temporary or relocatable structures, provided they are removed from the site and the land is reinstated (including closing and capping any associated services) at the landowner's expense prior to the Start of Construction. The landowner shall be responsible for any resource consent required for the structures, their removal or relocation. (b) To the extent that a record of written approval is required for the activities listed above, this condition shall constitute written approval.
Pre-construction conditions	

9.	Outline Plan (a) An Outline Plan (or Plans) shall be prepared in accordance with section 176A of the RMA. (b) Outline Plans (or Plan) may be submitted in parts or in stages to address particular activities (e.g. design or construction aspects), or a Stage of Work of the project. (c) Outline Plans shall include any management plan or plans that are relevant to the management of effects of those activities or Stage of Work, which may include: (i) Construction Environmental Management Plan; (ii) Construction Traffic Management Plan; (iii) Construction Noise and Vibration Management Plan; (iv) Urban and Landscape Design Management Plan; (v) Historic Heritage Management Plan; (vi) Ecological Management Plan; (vii) Tree Management Plan; (viii) Network Utilities Management Plan; and (ix) Network Integration Management Plan.
	Flood Hazard For the purpose of Condition 10: (a) AEP – means Annual Exceedance Probability; (b) Existing Authorised Habitable Floor – means the floor level of any room (floor) in a residential building which is authorised and exists at the time the Outline Plan is submitted, excluding a laundry, bathroom, toilet or any room used solely as an entrance hall, passageway or garage; (c) Flood Prone Area – means potential ponding areas that may flood in a 1% AEP event and commonly comprise of topographical depression areas. The areas can occur naturally or as a result of constructed features. Identification of a potential Flood Prone Area would be by an assessment of residual flood risk in a 1% AEP event (e.g. from blockage of the project stormwater network) on land outside and adjacent to the designation following the application of Conditions (10)(a)(i) – (iv). (d) Maximum Probable Development – is the design case for consideration of future flows allowing for development within a catchment that takes into account the maximum impervious surface limits of the current zone or if the land is zoned Future Urban in the AUP, the probable level of development arising from zone changes; (e) Pre-Project Development – means existing site condition prior to the project (including existing buildings and roadways); and (f) Post-Project Development – means site condition after the project has been completed (including existing and new buildings and roadways).

10.	Flood Hazard (a) The project shall be designed to achieve the following flood risk outcomes beyond the boundary of the designation: (i) no increase in flood levels in a 1% AEP event for Existing Authorised Habitable Floors that are already subject to flooding or have a freeboard less than 500mm; (ii) no increase in flood levels in a 1% AEP event for authorised community, commercial, industrial and network utility building floors existing at the time the Outline Plan is submitted that are already subject to flooding or have a freeboard less than 300mm; (iii) maximum of 50mm increase in flood levels in a 1% AEP event outside and adjacent to the designation boundary between the Pre-Project Development and Post-Project Development scenarios; (iv) no increase of Flood Hazard Class for the main access to authorised habitable dwellings existing at the time the Outline Plan is submitted. The assessment shall be undertaken for the 1% AEP rainfall event and reference the hazard class in accordance with Schedule 2 to these conditions; and (v) no new Flood Prone Areas. (b) Compliance with this condition shall be demonstrated in the Outline Plan, which shall include flood modelling of the Pre-Project Development and Post-Project Development 1% AEP flood levels (for Maximum Probable Development land use with allowances for climate change). (c) Where: (i) the flood risk outcomes in (a) can be achieved through alternative measures outside of the designation such as flood stop banks, flood walls, raising Existing Authorised Habitable Floor level and new overland flow paths; or (ii) the outcomes are varied at specific location(s) through agreement with the relevant landowner, confirmation shall be provided to the Manager that any necessary landowner agreement and statutory approvals have been obtained for that alternative measure or varied outcome.
11.	Existing property access Prior to submission of the Outline Plan, consultation shall be undertaken with landowners and occupiers whose vehicle access to their property will be altered by the project. The Outline Plan shall demonstrate how safe reconfigured or alternate access will be provided, unless otherwise agreed with the affected landowner.

12.	Management Plans (a) Any management plan shall: (i) be prepared and implemented in accordance with the relevant management plan condition; (ii) be prepared by a Suitably Qualified Person(s); (iii) include sufficient detail relating to the management of effects associated with the relevant activities and/or Stage of Work to which it relates; (iv) be submitted as part of an Outline Plan pursuant to section 176A of the RMA, with the exception of SCEMPs and CNVMP Schedules; and (v) once finalised, uploaded to the project website or equivalent virtual information source. (b) Any management plan developed in accordance with Condition 12 may: (i) be submitted in parts or in stages to address particular activities (e.g. design or construction aspects), a Stage of Work of the project, or to address specific activities authorised by the designation; and (ii) except for material changes, be amended to reflect any changes in design, construction methods or management of effects without further process; (c) Information shall be submitted with the management plan (or revised plan as referred to in (d) below) which summarises outcomes of consultation and any input received from Mana Whenua and Stakeholders as required by the relevant management plan condition. The summary shall note how this input has been incorporated or reflected in the management plan, or if not, the reasons why; (d) If there is a material change required to a management plan which has been submitted with an Outline Plan, the revised part of the plan shall be submitted to the Manager as an update to the Outline Plan or for Certification as soon as practicable following identification of the need for a revision; and (e) Any material changes to the SCEMP(s) are to be submitted to the Manager for information.
13.	Stakeholder Communication and Engagement Management Plan (SCEMP) (a) A SCEMP shall be prepared in consultation with relevant Stakeholders prior to the Start of Construction. The objective of the SCEMP is to identify how the public and Stakeholders will be engaged with throughout Construction Works. (b) To achieve the objective, the SCEMP shall include: (i) a list of Stakeholders; (ii) the contact details for the Project Liaison Person. These details shall be on the project website, or equivalent virtual information source, and prominently displayed at the main entrance(s) to the site(s); (iii) methods for engaging with Mana Whenua, to be developed in consultation with Mana Whenua; (iv) methods and timing to engage with owners and occupiers whose access is directly affected; (v) methods to communicate key project milestones and the proposed hours of construction activities including outside of normal working hours and on weekends and public holidays, to the parties identified in (b)(i) above; and (vi) linkages and cross-references to communication and engagement methods set out in other conditions and management plans where relevant. (c) Any SCEMP prepared for a Stage of Work shall be submitted to the Manager for information a minimum of 10 working days prior to the Start of Construction for a Stage of Work.

14.	Cultural Advisory Report (a) At least six months prior to the start of detailed design for a Stage of Work, Mana Whenua shall be invited to prepare a Cultural Advisory Report for the project. The objective of the Cultural Advisory Report is to assist in understanding and identifying ngā taonga tuku iho (treasures handed down by our ancestors) affected by the project, to inform their management and protection. (b) To achieve the objective, the Requiring Authority shall invite Mana Whenua to prepare a Cultural Advisory Report that: (i) identifies the cultural sites, landscapes and values that have the potential to be affected by the construction and operation of the project; (ii) sets out the desired outcomes for management of potential effects on cultural sites, landscapes and values; (iii) identifies traditional cultural practices within the area that may be impacted by the project; (iv) identifies opportunities for restoration and enhancement of identified cultural sites, landscapes and values within the project area; (v) taking into account the outcomes of (i) to (iv) above, identify cultural matters and principles that should be considered in the development of the ULDMP (Condition 15) and HHMP (Condition 26) and the CMP referred to in Condition 20; and (vi) identifies and (if possible) nominates traditional names along the project alignment. Noting there may be formal statutory processes outside the project required in any decision-making. (c) The desired outcomes for management of potential effects on cultural sites, landscapes and values identified in the Cultural Advisory Report shall be discussed with Mana Whenua and those outcomes reflected in the relevant management plans where practicable; and (d) Conditions 14(b) and (c) will cease to apply if: (i) Mana Whenua have been invited to prepare a Cultural Advisory Report by a date at least six months prior to the Start of Construction; and (ii) Mana Whenua have not provided a Cultural Advisory Report within six months prior to the Start of Construction.
	Urban and Landscape Design Management Plan (ULDMP)
15.	(a) A ULDMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the ULDMP(s) is to: (i) enable integration of the project's permanent works into the surrounding landscape and urban context; and (ii) ensure that the project manages potential adverse landscape and visual effects as far as practicable and contributes to a quality urban environment. (b) Mana Whenua shall be invited to participate in the development of the ULDMP(s) to provide input into relevant cultural landscape and design matters including how desired outcomes for management of potential effects on cultural sites, landscapes and values identified and discussed in the Cultural Advisory Report in Condition 14 may be reflected in the ULDMP. (c) Relevant Stakeholders shall be invited to participate in the development of the ULDMP at least six months prior to the start of detailed design for a Stage of Work.

16.	(a) To achieve the objective set out in Condition 15, the ULDMP(s) shall provide details of how the project: (i) is designed to integrate with the adjacent urban (or proposed urban) and landscape context, including the surrounding existing or proposed topography, urban environment (eg. centres and density of built form), natural environment, landscape character and open space zones; (ii) provides appropriate walking and cycling connectivity to, and interfaces with, existing or proposed adjacent land uses, public transport infrastructure and walking and cycling connections; (iii) promotes inclusive access (where appropriate); (iv) promotes a sense of personal safety by aligning with best practice guidelines, such as: A. Crime Prevention Through Environmental Design (CPTED) principles; B. Safety in Design (SID) requirements; and C. Maintenance in Design (MID) requirements and anti-vandalism/anti-graffiti measures; (v) has responded to matters identified through the Land use Integration Process (Condition 3); and (b) The ULDMP shall be prepared in general accordance with: (i) Auckland Transport's Urban Roads and Streets Design Guide, or any subsequent or updated version; (ii) New Zealand Transport Agency Urban Design Guidelines: Bridging the Gap (2013) or any subsequent updated version; (iii) New Zealand Transport Agency Landscape Guidelines (2018) or any subsequent updated version; (iv) New Zealand Transport Agency P39 Standard Specification for Highway Landscape Treatments (2013) or any subsequent updated version; and (v) Auckland's Urban Ngahere (Forest) Strategy or any subsequent updated version.

17.	The ULDMP(s) shall include: (a) a concept plan – which depicts the overall landscape and urban design concept, and explain the rationale for the landscape and urban design proposals; (b) developed design concepts, including principles for walking and cycling facilities and public transport; (c) landscape and urban design details – that cover the following: (i) road design – elements such as intersection form, carriageway gradient and associated earthworks contouring including cut and fill batters and the interface with adjacent land uses and existing roads (including slip lanes), benching, spoil disposal sites, median width and treatment, roadside width and treatment; (ii) roadside elements – such as lighting, fencing, wayfinding and signage; (iii) architectural and landscape treatment of all major structures, including bridges and retaining walls; (iv) architectural and landscape treatment of noise barriers; (v) landscape treatment and planting of permanent stormwater control wetlands and swales; (vi) integration of passenger transport; (vii) pedestrian and cycle facilities including paths, road crossings and dedicated pedestrian/ cycle bridges or underpasses; (viii) historic heritage places with reference to the HHMP (Condition 26); and (ix) re-instatement of construction and site compound areas; and (x) features disturbed during construction and intended to be reinstated such as: A. boundary features; B. driveways; C. accessways; and D. fences. (d) the ULDMP shall also include the following planting and maintenance details: (i) planting design details including: A. identification of existing trees and vegetation that will be retained with reference to the TMP (Condition 29) (where relevant) and EMP (Condition 28). Where practicable, mature trees and native vegetation should be retained; B. street trees, shrubs and ground cover suitable for the location; C. treatment of fill slopes to integrate with adjacent land use, streams, riparian margins and open space zones; D. identification of any planting requirements under the EMP (Condition 28) and TMP (Condition 29); E. integration of any planting required by conditions of any resource consents for the project; and F. re-instatement planting of construction and site compound areas as appropriate. (ii) a planting programme including the staging of planting in relation to the construction programme which shall, as far as practicable, include provision for planting within each planting season following completion of each Stage of Work; and (iii) detailed specifications relating to the following: A. weed control and clearance; B. pest animal management (to support plant establishment); C. ground preparation (top soiling and decompaction); D. mulching; and E. plant sourcing and planting, including hydroseeding and grassing, and use of eco-sourced species.
Construction conditions	

18.	Construction Environmental Management Plan (CEMP) (a) A CEMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the CEMP is to set out the management procedures and construction methods to be undertaken to avoid, remedy or mitigate any adverse effects associated with Construction Works as far as practicable. (b) To achieve the objective, the CEMP shall include: (i) the roles and responsibilities of staff and contractors; (ii) details of the site or project manager and the Project Liaison Person, including their contact details (phone and email address); (iii) the Construction Works programmes and the staging approach, and the proposed hours of work; (iv) details of the proposed construction yards including temporary screening when adjacent to residential areas; (v) details of the proposed construction lighting; (vi) methods for controlling dust and the removal of debris and demolition of construction materials from public roads or places; (vii) methods for providing for the health and safety of the general public; (viii) measures to mitigate flood hazard effects such as siting stockpiles out of floodplains, minimising obstruction to flood flows, actions to respond to warnings of heavy rain; (ix) procedures for incident management; (x) location and procedures for the refuelling and maintenance of plant and equipment to avoid discharges of fuels or lubricants to watercourses; (xi) 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; (xii) procedures for responding to complaints about Construction Works; and (xiii) methods for amending and updating the CEMP as required.
19.	Complaints Process (a) At all times during Construction Works, a record of any complaints received about the Construction Works shall be maintained. The record shall include: (i) the date, time and nature of the complaint; (ii) the name, phone number and address of the complainant (unless the complainant wishes to remain anonymous); (iii) measures taken to respond to the complaint (including a record of the response provided to the complainant) or confirmation of no action if deemed appropriate; (iv) the outcome of the investigation into the complaint; and (v) any other activities in the area, unrelated to the project that may have contributed to the complaint, such as non-project construction, fires, traffic accidents or unusually dusty conditions generally. (b) A copy of the complaints record required by this condition shall be made available to the Manager upon request as soon as practicable after the request is made.

20.	Cultural Monitoring Plan (CMP) (a) Prior to the Start of Construction, a CMP shall be prepared by a Suitably Qualified Person(s) identified in collaboration with Mana Whenua. The objective of the CMP is to identify methods for undertaking cultural monitoring to assist with management of any cultural effects during Construction Works. (b) To achieve the objective, the CMP shall include: (i) requirements for formal dedication or cultural interpretation to be undertaken prior to the Start of Construction in areas identified as having significance to Mana Whenua; (ii) requirements and protocols for cultural inductions for contractors and subcontractors; (iii) identification of activities, sites and areas where cultural monitoring is required during particular Construction Works; (iv) identification of personnel to undertake cultural monitoring, including any geographic definition of their responsibilities; and (v) details of personnel to assist with management of any cultural effects identified during cultural monitoring, including implementation of the Accidental Discovery Protocol. (c) If Enabling Works involving soil disturbance are undertaken prior to the Start of Construction, an Enabling Works CMP shall be prepared by a Suitably Qualified Person identified in collaboration with Mana Whenua. This plan may be prepared as a standalone Enabling Works CMP or be included in the main Construction Works CMP. Advice note: Where appropriate, the CMP shall align with the requirements of other conditions of the designation and resource consents for the project which require monitoring during Construction Works.

21.	Construction Traffic Management Plan (CTMP) (a) A CTMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the CTMP is to avoid, remedy or mitigate, as far as practicable, adverse construction traffic effects. (b) To achieve this objective, the CTMP shall include: (i) methods to manage the effects of temporary traffic management activities on traffic; (ii) measures to ensure the safety of all transport users; (iii) the estimated numbers, frequencies, routes and timing of traffic movements, including any specific non-working or non-movement hours to manage vehicular and pedestrian traffic near Education Facilities or to manage traffic congestion; (iv) site access routes and access points for heavy vehicles, the size and location of parking areas for plant, construction vehicles and the vehicles of workers and visitors; (v) identification of detour routes and other methods to ensure the safe management and maintenance of traffic flows, including public transport, pedestrians and cyclists; (vi) methods to maintain access to and within property and/or private roads where practicable, or to provide alternative arrangements when it will not be, including details of how access is managed for loading and unloading of goods; (vii) the management approach to loads on heavy vehicles, including covering loads of fine material, the use of wheel-wash facilities at site exit points and the timely removal of any material deposited or spilled on public roads; (viii) methods that will be undertaken to communicate traffic management measures to affected road users (e.g. residents / public / Stakeholders / emergency services); (ix) details of minimum network performance parameters during the construction phase, including any measures to monitor compliance with the performance parameters; and (x) details of any measures proposed to be implemented in the event of thresholds identified in (ix) being exceeded. (c) Auditing, monitoring and reporting requirements relating to traffic management activities shall be undertaken in accordance with the New Zealand Guide to Temporary Traffic Management (April 2023) or any subsequent version.

22.

Construction Noise Standards

(a) Construction noise shall be measured and assessed in accordance with NZS6803:1999 Acoustics – Construction Noise and shall comply with the noise standards set out in the following table as far as practicable:

Table 22-1 Construction Noise Standards

Day of week	Time period	L _{Aeq} (15min)	L _{AFmax}
Occupied activity sensitive to noise			
Weekday	0630h - 0730h	55 dB	75 dB
	0730h - 1800h	70 dB	85 dB
	1800h - 2000h	65 dB	80 dB
	2000h - 0630h	45 dB	75 dB
Saturday	0630h - 0730h	45 dB	75 dB
	0730h - 1800h	70 dB	85 dB
	1800h - 2000h	45 dB	75 dB
	2000h - 0630h	45 dB	75 dB
Sunday and Public Holidays	0630h - 0730h	45 dB	75 dB
	0730h - 1800h	55 dB	85 dB
	1800h - 2000h	45 dB	75 dB
	2000h - 0630h	45 dB	75 dB
Other occupied buildings			
All	0730h – 1800h	70 dB	
	1800h – 0730h	75 dB	

(b) Where compliance with the noise standards set out in Table 22-1 is not practicable, the methodology in Condition 25 shall apply.

23.

Construction Vibration Standards

(a) Construction vibration shall be measured in accordance with ISO 4866:2010 Mechanical vibration and shock – Vibration of fixed structures – Guidelines for the measurement of vibrations and evaluation of their effects on structures and shall comply with the vibration standards set out in the following table as far as practicable.

Table 23-1 Construction Vibration Standards

Receiver	Details	Category A*	Category B**
Occupied activities sensitive to noise	Night-time 2000h - 0630h	0.3mm/s ppv	2mm/s ppv
	Daytime 0630h - 2000h	2mm/s ppv	5mm/s ppv
Other occupied buildings	Daytime 0630h - 2000h	2mm/s ppv	5mm/s ppv
All other buildings	At all other times	Tables 1 and 3 of DIN4150-3:1999	

* Category A criteria adopted from Rule E25.6.30.1 of the AUP

** Category B criteria based on DIN 4150-3:1999 building damage criteria for daytime

(b) Where compliance with the vibration standards set out in Table 23-1 is not practicable, the methodology in Condition 25 shall apply.

24.	Construction Noise and Vibration Management Plan (CNVMP) (a) A CNVMP shall be prepared prior to the Start of Construction for Stage of Work. A CNVMP shall be implemented during the Stage of Work to which it relates. The objective of the CNVMP is to provide a framework for the development and implementation of the Best Practicable Option for the management of construction noise and vibration effects to achieve the construction noise and vibration standards set out in Conditions 22 and 23 to the extent practicable. (b) To achieve the objective, the CNVMP shall be prepared in accordance with Annex E2 of the New Zealand Standard NZS6803:1999 'Acoustics – Construction Noise' (NZS6803:1999) and shall as a minimum, address the following: (i) description of the works and anticipated equipment/processes; (ii) hours of operation, including times and days when construction activities would occur; (iii) the construction noise and vibration standards for the project; (iv) identification of receivers where noise and vibration standards apply; (v) a hierarchy of management and mitigation options, including any requirements to limit night works and works during other sensitive times, including Sundays and public holidays as far as practicable; (vi) methods and frequency for monitoring and reporting on construction noise and vibration; (vii) procedures for communication and engagement with nearby residents and Stakeholders, including notification of proposed construction activities, the period of construction activities, and management of noise and vibration complaints; (viii) contact details of the Project Liaison Person; (ix) procedures for the regular training of the operators of construction equipment to minimise noise and vibration as well as expected construction site behaviours for all workers; (x) procedures and requirements for the preparation of a Schedule to the CNVMP (Schedule) for those areas where compliance with the noise Condition 22 and/or vibration standards Condition 23 Category B will not be practicable; (xi) identification of trigger levels for undertaking building condition surveys, which shall be Category B day time levels; (xii) procedures and trigger levels for undertaking building condition surveys before and after works to determine whether any cosmetic or structural damage has occurred as a result of construction vibration; (xiii) methodology and programme of desktop and field audits and inspections to be undertaken to ensure that the CNVMP, Schedules and the Best Practicable Option for management of effects are being implemented; and (xiv) requirements for review and update of the CNVMP.

25.	Schedule to a CNVMP (a) A Schedule to the CNVMP (Schedule) shall be prepared prior to the Start of Construction of an activity to which it relates by a Suitably Qualified Person, in consultation with the owners and occupiers of sites subject to the Schedule, when: (i) construction noise is either predicted or measured to exceed the noise standards in Condition 22, except where the exceedance of the L_{Aeq} criteria is no greater than 5 decibels and does not exceed: A. 0630 – 2000: 2 periods of up to 2 consecutive weeks in any 2 months; or B. 2000 - 0630: 1 period of up to 2 consecutive nights in any 10 days; (ii) construction vibration is either predicted or measured to exceed the Category B standard at the receivers in Condition 23. (b) The objective of the Schedule is to set out the Best Practicable Option measures to manage noise and/or vibration effects of the construction activity beyond those measures set out in the CNVMP. (c) To achieve the objective, the Schedule shall include details such as: (i) construction activity location, start and finish dates; (ii) the nearest neighbours to the construction activity; (iii) the predicted noise and/or vibration level for all receivers where the levels are predicted or measured to exceed the applicable standards and predicted duration of the exceedance; (iv) for works proposed between 2000h and 0630h, the reasons why the proposed works must be undertaken during these hours and why they cannot be practicably undertaken during the daytime; (v) the proposed mitigation options that have been selected, and the options that have been discounted as being impracticable and the reasons why; (vi) the consultation undertaken with owners and occupiers of sites subject to the Schedule, and how consultation has and has not been taken into account; and (vii) location, times and types of monitoring. (d) The Schedule shall be submitted to the Manager for Certification at least five working days (except in unforeseen circumstances) in advance of Construction Works that are covered by the scope of the Schedule and shall form part of the CNVMP. (e) The CNVMP Schedule shall be deemed certified five working days from the submission of the CNVMP Schedule where no written confirmation of Certification has been received. (f) Where material changes are made to a Schedule required by this condition, the Requiring Authority shall consult the owners and/or occupiers of sites subject to the Schedule prior to submitting the amended Schedule to the Manager for Certification in accordance with (d) above. The amended Schedule shall document the consultation undertaken with those owners and occupiers, and how consultation outcomes have and have not been taken into account.

26.	Historic Heritage Management Plan (HHMP) (a) A HHMP shall be prepared in consultation with Council, HNZPT and Mana Whenua prior to the Start of Construction for a Stage of Work. The objective of the HHMP is to protect historic heritage and to remedy and mitigate any residual effects as far as practicable. (b) To achieve the objective, the HHMP shall identify: (i) any adverse direct and indirect effects on historic heritage sites and measures to appropriately avoid, remedy or mitigate any such effects, including a tabulated summary of these effects and measures; (ii) methods for the identification and assessment of potential historic heritage places within the designation to inform detailed design; (iii) known historic heritage places and potential archaeological sites within the designation, including identifying any archaeological sites for which an Archaeological Authority under the HNZPTA will be sought or has been granted; (iv) any unrecorded archaeological sites or post-1900 heritage sites within the designation, which shall also be documented and recorded; (v) roles, responsibilities and contact details of project personnel, Council and HNZPT representatives, Mana Whenua representatives, and relevant agencies involved with heritage and archaeological matters including surveys, monitoring of Construction Works, compliance with AUP accidental discovery rule, and monitoring of conditions; (vi) specific areas to be investigated, monitored and recorded to the extent these are directly affected by the project; (vii) the proposed methodology for investigating and recording post-1900 historic heritage sites (including buildings) that need to be destroyed, demolished or relocated, including details of their condition, measures to mitigate any adverse effects and timeframe for implementing the proposed methodology, in accordance with the HNZPT Archaeological Guidelines Series No.1: Investigation and Recording of Buildings and Standing Structures (November 2018), or any subsequent version; (viii) methods to acknowledge cultural values identified through Condition 14 where archaeological sites also involve ngā taonga tuku iho (treasures handed down by our ancestors) and where feasible and practicable to do so; (ix) methods for avoiding, remedying or mitigating adverse effects on historic heritage places and sites within the designation during Construction Works as far as practicable. These methods shall include, but are not limited to: A. security fencing or hoardings around historic heritage places to protect them from damage during construction or unauthorised access; B. measures to mitigate adverse effects on historic heritage sites that achieve positive historic heritage outcomes such as increased public awareness and interpretation signage; and C. training requirements and inductions for contractors and subcontractors on historic heritage places within the designation, legal obligations relating to unexpected discoveries and the AUP Accidental Discovery Rule (E11.6.1). The training shall be undertaken prior to the Start of Construction, under the guidance of a Suitably Qualified Person and Mana Whenua representatives (to the extent the training relates to cultural values identified under Condition 14). Advice note: Accidental Discoveries The requirements for accidental discoveries of heritage items are set out in Rule E11.6.1 of the AUP.

27.	Pre-Construction Ecological Survey (a) At the start of detailed design for a Stage of Work, an updated ecological survey shall be undertaken in the relevant geographic area by a Suitably Qualified Person. The purpose of the survey is to inform ecological management by: (i) confirming whether the species of value within the Identified Biodiversity Areas recorded in the Identified Biodiversity Area Schedule 3 are still present; and (ii) confirming whether the project will or is likely to have a moderate or greater level of ecological effect on species of value (prior to implementation of impact management measures). The level of effect shall be determined in accordance with Table 10 of the EIANZ Guidelines (or subsequent updated version of that table) as included in Schedule 4 of these conditions. (b) If the ecological survey confirms the presence of ecological species of value in accordance with Condition 27(a)(i) and that effects are likely in accordance with Condition 27(a)(ii) then an Ecological Management Plan (or Plans) shall be prepared in accordance with Condition 28 for these areas (Confirmed Biodiversity Areas).

28.	Ecological Management Plan (EMP) (a) An EMP shall be prepared for any Confirmed Biodiversity Areas (confirmed through Condition 27) prior to the Start of Construction for a Stage of Work. The objective of the EMP is to minimise effects of the project on the ecological features of value in Confirmed Biodiversity Areas as far as practicable. (b) If an EMP is required in accordance with (a) for the presence of long tail bats, the EMP may include the following to achieve the objective: (i) measures to minimise as far as practicable, disturbance from construction activities within 50m of any active long tail bat roosts that are discovered through survey until such roosts are confirmed to be vacant of bats; (ii) timing of any Construction Works within 50m of any active maternity long tail bat roosts. Those Construction Works shall be undertaken outside the bat maternity period (between December and March) where reasonably practicable; (iii) details of areas where vegetation is to be retained and where additional planting is proposed to be provided and maintained for the purposes of the connectivity of long tail bat habitats; and (iv) details of measures to minimise any operational disturbance from light spill. (c) If an EMP is required in accordance with (a) for the presence of Threatened or At-Risk wetland birds, the EMP may include the following to achieve the objective: (i) details of any nesting bird surveys of Threatened or At-Risk wetland birds. Nesting bird surveys shall be undertaken within any wetland that is both within a Confirmed Biodiversity Area and located within a 50m radius of Construction Works. Surveys shall be undertaken prior to any such works taking place and repeated at the beginning of each wetland bird breeding season until the Completion of Construction; (ii) timing of any Construction Works which may have adverse effects on Threatened or At-Risk wetland birds. Those Construction Works shall be undertaken outside of the bird breeding season (September to February) where practicable; (iii) where works are required within the Confirmed Biodiversity Area during the bird breeding season, methods to minimise adverse effects on Threatened or At-Risk wetland birds; and (iv) details of what protection and buffer measures are proposed to manage effects on nesting Threatened or At-Risk wetland birds identified through a survey undertaken in accordance with Condition (c)(i). Proposed measures shall address: A. the type, intensity and duration of construction activity; B. the likely sensitivity of the nesting bird species to the construction activity; and C. any environmental features (e.g., vegetation and contour) that could influence the extent of potential adverse effects on the Threatened or At-Risk wetland birds. (d) The EMP shall be consistent with any ecological management measures to be undertaken in compliance with conditions of any regional resource consents granted for the project. Advice note: Depending on the potential effects of the project, the regional consents for the project may include the following monitoring and management plans: (i) stream and/or wetland restoration plans; (ii) vegetation restoration plans; and (iii) fauna management plans (e.g. avifauna).

29.	Tree Management Plan (TMP) (a) Prior to the Start of Construction for a Stage of Work, a TMP shall be prepared. The objective of the TMP is to avoid, remedy or mitigate effects of construction activities on trees identified in Schedule 5. (b) To achieve the objective, the TMP shall: (i) confirm that the trees listed in Schedule 5 still exist; (ii) demonstrate how the design and location of project works has avoided, remedied or mitigated any effects on any tree listed in Schedule 5. This may include: A. any opportunities to relocate listed trees where practicable; B. planting to replace trees that require removal (with reference to the ULDMP planting design details in Condition 17); C. tree protection zones and tree protection measures such as protective fencing, ground protection and physical protection of roots, trunks and branches; and D. methods for work within the rootzone of trees that are to be retained in line with accepted arboricultural standards including provision of kauri dieback management measures; and (iii) demonstrate how the tree management measures (outlined in A – D above) are consistent with any relevant conditions of resource consents granted for the project. (c) Where replacement planting of any tree listed in Schedule 5 is required under (b)(ii)(B) it shall be at a ratio of 2:1 for Single Trees and a minimum of like for like (in m²) for Group of Trees.
30.	Network Utility Management Plan (NUMP) (a) A NUMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the NUMP is to set out a framework for protecting, relocating and working in proximity to existing network utilities. (b) To achieve the objective, the NUMP shall include methods to: (i) provide access for maintenance at all reasonable times, or emergency works at all times during construction activities; (ii) protect and where necessary, relocate existing network utilities; (iii) manage the effects of dust and any other material potentially resulting from construction activities and able to cause material damage, beyond normal wear and tear to overhead transmission lines in the project area; (iv) demonstrate compliance with relevant standards and Codes of Practice including, where relevant, the NZECP 34:2001 New Zealand Electrical Code of Practice for Electrical Safe Distances 2001; AS/NZS 4853:2012 Electrical hazards on Metallic Pipelines, and AS/NZS 2885 Pipelines – Gas and Liquid Petroleum. (c) The NUMP shall be prepared in consultation with the relevant Network Utility Operator(s) who have existing assets that are directly affected by the project. (d) The development of the NUMP shall consider opportunities to coordinate future work programmes with other Network Utility Operator(s) during detailed design where practicable. (e) The NUMP shall describe how any comments from the Network Utility Operator in relation to its assets have been addressed. (f) Any comments received from the Network Utility Operator shall be considered when finalising the NUMP. (g) Any amendments to the NUMP related to the assets of a Network Utility Operator shall be prepared in consultation with that asset owner.

31.	Network Integration Management Plan (NIMP) (a) At least six months prior to the start of detailed design for a Stage of Work, the Requiring Authority shall prepare, in collaboration with other relevant road controlling authorities, a NIMP. (b) The objective of the NIMP is to identify how the project will integrate with the planned transport network in the North Growth Area to achieve an effective, efficient and safe land transport system. To achieve this objective, the NIMP shall include details of the: (i) project implementation approach and any staging of the project, including both design, management and operational matters; and (ii) sequencing of the project with the planned transport network, including both design, management and operational matters.
Operational conditions	

32.	Low Noise Road Surface (a) Asphaltic concrete surfacing (or equivalent low noise road surface) shall be implemented within 12 months of Completion of Construction of the project. (b) The asphaltic concrete surface shall be maintained as far as practicable to retain the noise reduction performance of the surface established in accordance with (a), unless Condition 33 applies.
33.	Future Resurfacing Work (a) Any future resurfacing works of the project shall be undertaken in accordance with the Auckland Transport Reseal Guidelines, Asset Management and Systems 2013 or any updated version and asphaltic concrete surfacing (or equivalent low noise road surface) shall be implemented where: (i) the volume of traffic exceeds 10,000 vehicles per day; (ii) the road is subject to high wear and tear (such as cul de sac heads, roundabouts and main road intersections); (iii) it is in an industrial or commercial area where there is a high concentration of truck traffic; or (iv) it is subject to high usage by pedestrians, such as town centres, hospitals, shopping centres and schools. (b) Prior to commencing any future resurfacing works, the Requiring Authority shall advise the Manager if any of the triggers in Condition 33(a)(i) – (iv) are not met by the road or a section of it and therefore where the application of asphaltic concrete surfacing (or equivalent low noise road surface) is no longer required on the road or a section of it. Such advice shall also indicate when any resealing is to occur.
	Traffic Noise For the purposes of Conditions 34 to 39: (a) Building-Modification Mitigation – has the same meaning as in NZS 6806; (b) Design year has the same meaning as in NZS 6806; (c) Detailed Mitigation Options – means the fully detailed design of the Selected Mitigation Options, with all practical issues addressed; (d) Habitable Space – has the same meaning as in NZS 6806; (e) Identified Noise Criteria Category – means the Noise Criteria Category for a PPF identified in Schedule 6: Identified PPFs Noise Criteria Categories; (f) Mitigation – has the same meaning as in NZS 6806:2010 Acoustics – Road-traffic noise – New and altered roads; (g) Noise Criteria Categories – means the groups of preference for sound levels established in accordance with NZS 6806 when determining the Best Practicable Option for noise mitigation (i.e. Categories A, B and C); (h) NZS 6806 – means New Zealand Standard NZS 6806:2010 Acoustics – Road-traffic noise – New and altered roads; (i) Protected Premises and Facilities (PPFs) – means only the premises and facilities identified in Schedule 6: Identified PPFs Noise Criteria Categories; (j) Selected Mitigation Options – means the preferred mitigation option resulting from a Best Practicable Option assessment undertaken in accordance with NZS 6806 taking into account any low noise road surface to be implemented in accordance with Condition 32; and (k) Structural Mitigation – has the same meaning as in NZS 6806.
34.	The Noise Criteria Categories identified in Schedule 6: Identified PPFs Noise Criteria Categories at each of the PPFs shall be achieved where practicable and subject to Conditions 34 to 39 (all traffic noise conditions). The Noise Criteria Categories do not need to be complied with at a PPF where: (a) the PPF no longer exists; or (b) agreement of the landowner has been obtained confirming that the Noise Criteria Category does not need to be met. Achievement of the Noise Criteria Categories for PPFs shall be by reference to a traffic forecast for a high growth scenario in a design year at least 10 years after the programmed opening of the project.

35.	As part of the detailed design of the project, a Suitably Qualified Person shall determine the Selected Mitigation Options for the PPFs identified on Schedule 6: Identified PPFs Noise Criteria Categories. For the avoidance of doubt, the low noise road surface implemented in accordance with Condition 32 may be (or be part of) the Selected Mitigation Option(s).
36.	Prior to the Start of Construction of the project, a Suitably Qualified Person shall develop the Detailed Mitigation Options for the PPFs identified in Schedule 6: Identified PPFs Noise Criteria Categories, taking into account the Selected Mitigation Options.
37.	If the Detailed Mitigation Options would result in the Identified Noise Criteria Category changing to a less stringent Category, e.g. from Category A to B or Category B to C, at any relevant PPF, a Suitably Qualified Person shall provide confirmation to the Manager that the Detailed Mitigation Option would be consistent with adopting the Best Practicable Option in accordance with NZS 6806 prior to implementation.
38.	The Detailed Mitigation Options shall be implemented prior to Completion of Construction of the project, with the exception of any low-noise road surfaces, which shall be implemented within 12 months of Completion of Construction.
39.	Any barriers required by the Detailed Mitigation Options shall be maintained so they retain their noise reduction performance as far as practicable.

Attachments

Schedule 1: General Accordance Plans and Information

Project Description

The proposed work is the construction, operation and maintenance of an upgrade to Dairy Flat Highway to an urban arterial corridor between Silverdale Interchange and Durey Road, Dairy Flat, including public transport and active transport facilities and associated infrastructure.

The proposed work is shown in the following Concept Plan and includes:

- Upgrading the corridor to an urban arterial with public transport and walking and cycling facilities.
- Tie-ins with existing roads and localised widening around the existing intersections to accommodate new intersection forms.
- New or upgraded stormwater management systems, bridges and culverts (where applicable).
- Batter slopes, and associated cut and fill activities (earthworks).
- Vegetation removal.
- Other construction related activities required outside the permanent corridor including the re-grade of driveways, construction traffic manoeuvring and construction laydown areas.

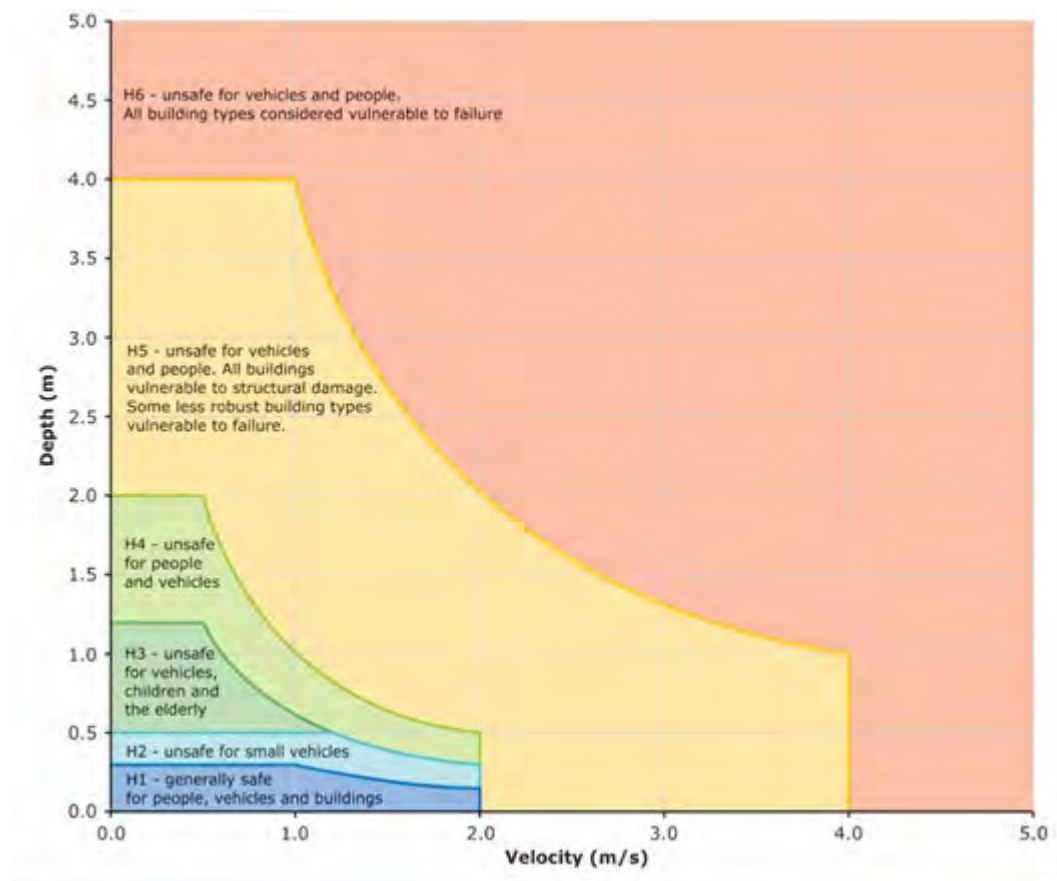
Concept Plan



Schedule 2 – Flood Hazard Class

The combined flood hazard curves shown below set hazard thresholds that relate to the vulnerability of the community when interacting with floodwaters. The combined curves are divided into hazard classifications that relate to specific vulnerability thresholds

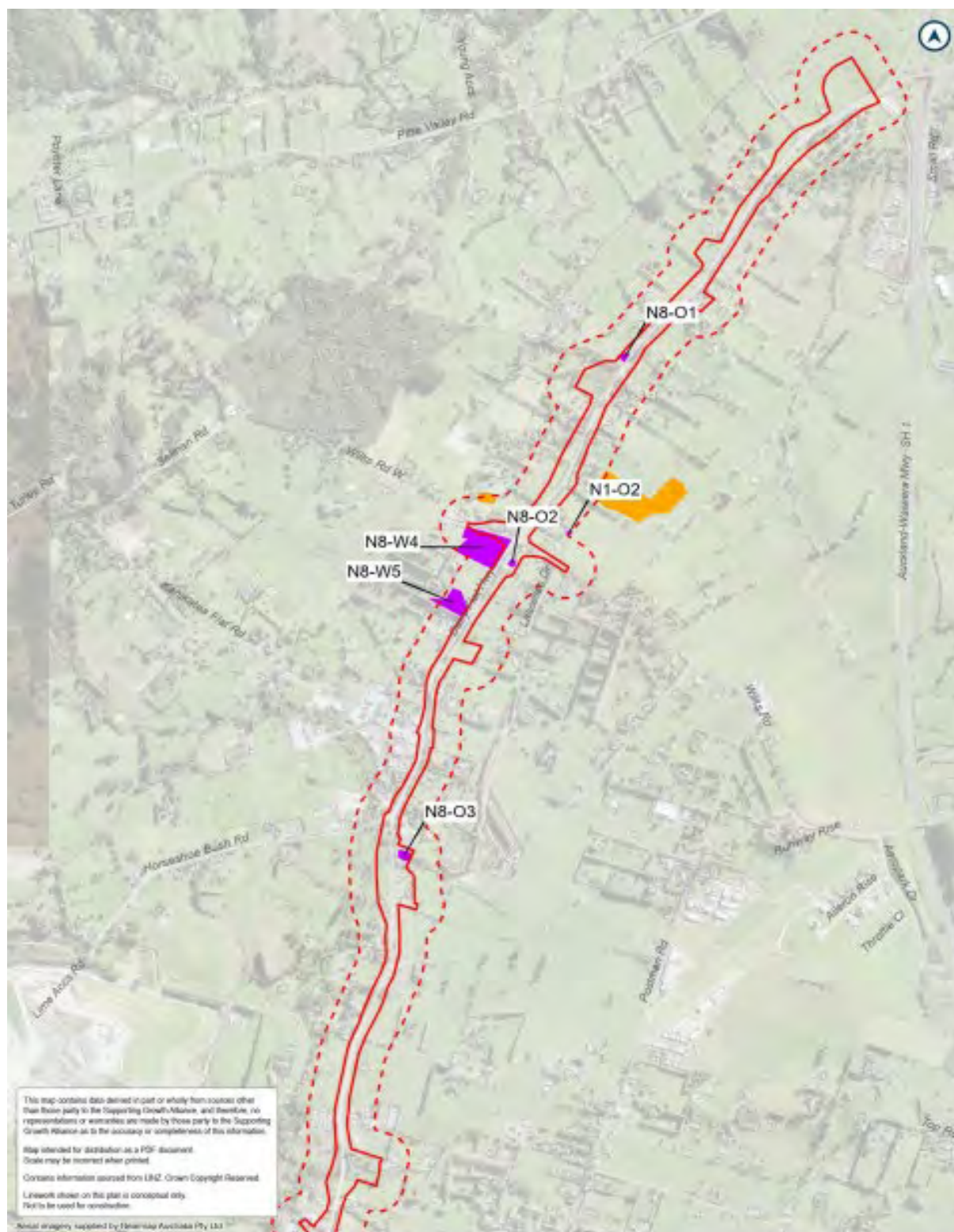
The vulnerability thresholds identified in the flood hazard curves can be applied to the best description of flood behaviour available for a subject site. In this regard, the hazard curves can be applied equally to flood behaviour estimates from measured data, simpler 1D numerical modelling approaches, through to complex 2D model estimates with the level of accuracy and uncertainty of the flood hazard estimate linked to the method used to derive the flood behaviour estimate.

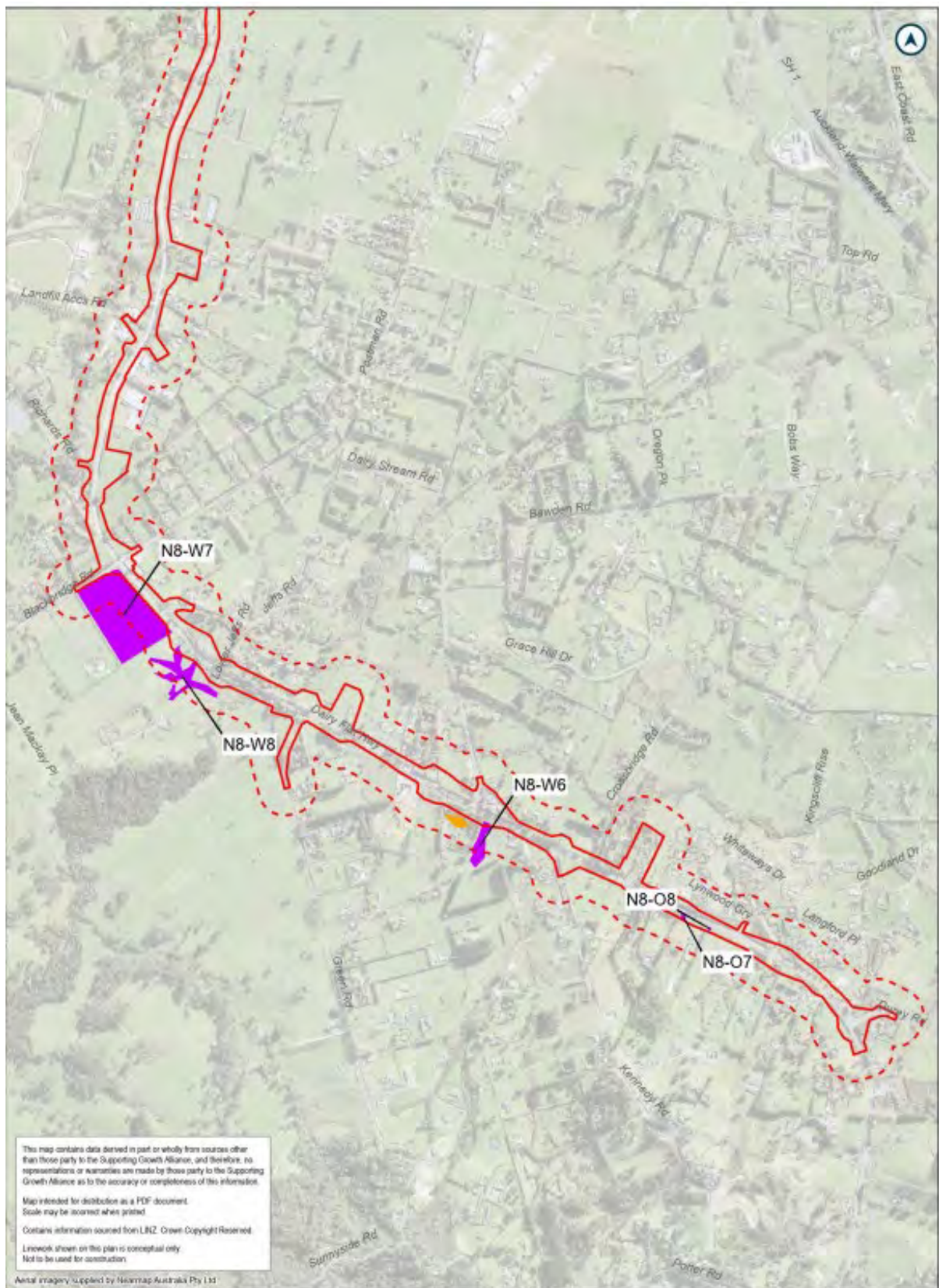


Source: Australian Rainfall and Runoff, Book 6, 2019

Schedule 3: Identified Biodiversity Areas







LEGEND

Designation Boundary

Buffer 100m

**Identified Biodiversity
Areas for Wetland
Avifauna**

Named Wetlands

Unnamed Wetlands

0 360 720
Metres

Schedule 4: Table 10 of the 2018 EIANZ Guidelines

Criteria for describing level of effects (Adapted from Regini (2000) and Boffa Miskell (2011))

Ecological Value → Magnitude ↓	Very high	High	Moderate	Low	Negligible
Very high	Very high	Very high	High	Moderate	Low
High	Very high	Very high	Moderate	Low	Very low
Moderate	High	High	Moderate	Low	Very low
Low	Moderate	Low	Low	Very low	Very low
Negligible	Low	Very low	Very low	Very low	Very low
Positive	Net gain	Net gain	Net gain	Net gain	Net gain

Schedule 5: Trees to be included in the Tree Management Plan

Tree number	Vegetation type	Protection	Location	Species	Age
805	Single tree	Open space	4 Postman Road	Chinese Poplar (<i>Populus chinensis</i>)	Semi-mature
806	Hedge	Open space	4 Postman Road	Titoki (<i>Alectryon excelsus</i>), Tarata (<i>Pittosporum tenuifolium</i>) Bottlebrush (<i>Callistemon sp.</i>) Oleander	Semi-mature
807	Hedge	Open space	4 Postman Road	Leyland Cypress (<i>Cupressus x leylandii</i>), weed species	Semi-mature



Schedule 6: Identified PPFs Noise Criteria Categories

Address	New or Altered Road	Noise Criteria Category
1686 Dairy Flat Highway	Altered	A
1680 Dairy Flat Highway	Altered	A
1321 Dairy Flat Highway	Altered	A
1349 Dairy Flat Highway	Altered	A
1338 Dairy Flat Highway	Altered	A
1008 Dairy Flat Highway	Altered	A
12 Durey Road	Altered	A
1564A Dairy Flat Highway	Altered	A
1570 Dairy Flat Highway	Altered	A
1258 Dairy Flat Highway	Altered	A
1306 Dairy Flat Highway	Altered	A
1284 Dairy Flat Highway	Altered	A
1286 Dairy Flat Highway	Altered	A
2 Horseshoe Bush Road	Altered	A
1285 Dairy Flat Highway	Altered	A
957 Dairy Flat Highway	Altered	A
1731 Dairy Flat Highway	Altered	A
1424 Dairy Flat Highway	Altered	A
1361 Dairy Flat Highway	Altered	A
1452 Dairy Flat Highway	Altered	A
41 Durey Road	Altered	A
1315 Dairy Flat Highway	Altered	A
1182 Dairy Flat Highway	Altered	A
11 Durey Road	Altered	A
1700 Dairy Flat Highway	Altered	A
825 Dairy Flat Highway	Altered	A
1355 Dairy Flat Highway	Altered	A

1584 Dairy Flat Highway	Altered	A
5 Postman Road	Altered	A
4 Lascelles Drive	Altered	A
25 Lynwood Grove	Altered	A
1 Richards Road	Altered	A
1636 Dairy Flat Highway	Altered	A
1596 Dairy Flat Highway	Altered	A
1646 Dairy Flat Highway	Altered	A
17 Lower Jeffs Road	Altered	A
1550 Dairy Flat Highway	Altered	A
859 Dairy Flat Highway	Altered	A
1215 Dairy Flat Highway	Altered	A
16 Durey Road	Altered	A
1016 Dairy Flat Highway	Altered	A
18 Wilks Road West	Altered	A
1005A Dairy Flat Highway	Altered	A
956 Dairy Flat Highway	Altered	A
15 Wilks Road	Altered	A
1615 Dairy Flat Highway	Altered	A
12 Postman Road	Altered	A
1153 Dairy Flat Highway	Altered	A
1564 Dairy Flat Highway	Altered	A
1006 Dairy Flat Highway	Altered	A
1250 Dairy Flat Highway	Altered	A
18 Langford Place	Altered	A
27 Green Road	Altered	A
22 Langford Place	Altered	A
18 Green Road	Altered	A
20 Jeffs Road	Altered	A

883 Dairy Flat Highway	Altered	A
792 Dairy Flat Highway	Altered	A
1617 Dairy Flat Highway	Altered	A
9 Lower Jeffs Road	Altered	A
6 Lynwood Grove	Altered	A
6 Kennedy Road	Altered	A
7 Lower Jeffs Road	Altered	A
851 Dairy Flat Highway	Altered	A
16 Langford Place	Altered	A
55 Kennedy Road	Altered	A
1327 Dairy Flat Highway	Altered	A
2 Lynwood Grove	Altered	A
1412 Dairy Flat Highway	Altered	A
22 Lynwood Grove	Altered	A
1579A Dairy Flat Highway	Altered	A
31 Green Road	Altered	A
1602A Dairy Flat Highway	Altered	A
1660 Dairy Flat Highway	Altered	A
16 Lynwood Grove	Altered	A
38 Jeffs Road	Altered	A
26 Langford Place	Altered	A
20 Langford Place	Altered	A
987 Dairy Flat Highway	Altered	A
1349A Dairy Flat Highway	Altered	A
6 Langford Place	Altered	A
823 Dairy Flat Highway	Altered	A
1236 Dairy Flat Highway	Altered	A
1623 Dairy Flat Highway	Altered	A
19 Richards Road	Altered	A

21 Postman Road	Altered	A
28 Lynwood Grove	Altered	A
785 Dairy Flat Highway	Altered	A
1005 Dairy Flat Highway	Altered	A
841 Dairy Flat Highway	Altered	A
32 Jeffs Road	Altered	A
26 Lynwood Grove	Altered	A
1602 Dairy Flat Highway	Altered	A
918 Dairy Flat Highway	Altered	A
1414 Dairy Flat Highway	Altered	A
1270B Dairy Flat Highway	Altered	A
807 Dairy Flat Highway	Altered	A
14 Blackbridge Road	Altered	A
18 Kennedy Road	Altered	A
22 Postman Road	Altered	A
15 Lower Jeffs Road	Altered	A
851B Dairy Flat Highway	Altered	A
1491 Dairy Flat Highway	Altered	A
1326 Dairy Flat Highway	Altered	A
30 Wilks Road	Altered	A
11 Lascelles Drive	Altered	A
1687 Dairy Flat Highway	Altered	A
1509 Dairy Flat Highway	Altered	A
10 Lascelles Drive	Altered	A
1248 Dairy Flat Highway	Altered	A
1487 Dairy Flat Highway	Altered	A
1667 Dairy Flat Highway	Altered	A
17 Kahikatea Flat Road	Altered	A
19 Kennedy Road	Altered	A

958 Dairy Flat Highway	Altered	A
11 Jeffs Road	Altered	A
28 Blackbridge Road	Altered	A
1198A Dairy Flat Highway	Altered	A
10 Bawden Road	Altered	A
34 Lascelles Drive	Altered	A
1448 Dairy Flat Highway	Altered	A
989 Dairy Flat Highway	Altered	A
785 Dairy Flat Highway	Altered	A
24 Goodland Drive	Altered	A
8 Kennedy Road	Altered	A
934 Dairy Flat Highway	Altered	A
37 Whiteways Drive	Altered	A
1416 Dairy Flat Highway	Altered	A
1256 Dairy Flat Highway	Altered	A
28 Lascelles Drive	Altered	A
20 Kennedy Road	Altered	A
1428 Dairy Flat Highway	Altered	A
1455 Dairy Flat Highway	Altered	A
32 Langford Place	Altered	A
9 Goodland Drive	Altered	A
31 Wilks Road West	Altered	A
25 Postman Road	Altered	A
19 Langford Place	Altered	A
1014 Dairy Flat Highway	Altered	A
36 Blackbridge Road	Altered	A
9 Langford Place	Altered	A
24 Lynwood Grove	Altered	A
29 Langford Place	Altered	A

1198C Dairy Flat Highway	Altered	A
38 Wilks Road West	Altered	A
30 Wilks Road West	Altered	A
1440 Dairy Flat Highway	Altered	A
783 Dairy Flat Highway	Altered	A
1444 Dairy Flat Highway	Altered	A
26 Postman Road	Altered	A
12 Kahikatea Flat Road	Altered	A
1432 Dairy Flat Highway	Altered	A
10 Kahikatea Flat Road	Altered	A
16 Kahikatea Flat Road	Altered	A

Appendix E – Auckland Transport’s Modifications to NoR 9 conditions (clean)

[XXXX] Upgrade to Dairy Flat Highway between Dairy Flat and Albany

Designation Number	[XXXX]
Requiring Authority	Auckland Transport
Location	Dairy Flat Highway between Durey Road in Dairy Flat and Albany village
Lapse Date	In accordance with section 184(1)(c) of the RMA, this designation shall lapse if not given effect to within 30 years from the date on which it is included in the AUP.

Purpose

The construction, operation and maintenance of an upgrade to Dairy Flat Highway for active mode facilities, safety improvements and associated facilities.

Conditions

Abbreviations and definitions

Acronym/Term	Definition
Activity sensitive to noise	Any dwelling, visitor accommodation, boarding house, marae, papakāinga, integrated residential development, retirement village, supported residential care, care centre, lecture theatre in a tertiary Education Facility, classroom in an Education Facility and healthcare facility with an overnight stay facility
AUP	Auckland Unitary Plan
BPO or Best Practicable Option	Has the same meaning as in section 2 of the RMA 1991
CEMP	Construction Environmental Management Plan
Certification of material changes to management plans	Confirmation from the Manager that a material change to a management plan has been prepared in accordance with the condition to which it relates. A material change to a management plan shall be deemed certified: (a) where the Requiring Authority has received written confirmation from the Manager that the material change to the management plan is certified; or (b) 10 working days from the submission of the material change to the management plan where no written confirmation of certification has been received
CMP	Cultural Monitoring Plan
CNVMP	Construction Noise and Vibration Management Plan
CNVMP Schedule or Schedule	A schedule to the CNVMP
Completion of Construction	When construction of the project (or part of the project) is complete and it is available for use
Confirmed Biodiversity Areas	Areas recorded in the Identified Biodiversity Area Schedule where the ecological values and effects have been confirmed through the ecological survey under Condition 27
Construction Works	Activities undertaken to construct the project excluding Enabling Works
Council	Auckland Council
CTMP	Construction Traffic Management Plan

Developer	Any legal entity that intends to master plan or develop land adjacent to the designation
Development Agency	Public entities involved in development projects
Education Facility	Facility used for education to secondary level. Includes: - schools and outdoor education facilities; and - accommodation, administrative, cultural, religious, health, retail and communal facilities accessory to the above. Excludes: - care centres; and - tertiary education facilities.
EIANZ Guidelines	Ecological Impact Assessment: EIANZ Guidelines for use in New Zealand: terrestrial and freshwater ecosystems, second edition, dated May 2018
EMP	Ecological Management Plan
Enabling Works	Includes, but is not limited to, the following and similar activities: - geotechnical investigations (including trial embankments); - archaeological site investigations; - formation of access for geotechnical investigations; - establishment of site yards, site entrances and fencing; - constructing and sealing site access roads; - demolition or removal of buildings and structures; - relocation of services; and - establishment of mitigation measures (such as erosion and sediment control measures, temporary noise walls, earth bunds and planting)
HHMP	Historic Heritage Management Plan
HNZPT	Heritage New Zealand Pouhere Taonga
HNZPTA	Heritage New Zealand Pouhere Taonga Act 2014
Identified Biodiversity Area	Means an area or areas of features of ecological value where the project ecologist has identified that the project will potentially have a moderate or greater level of ecological effect, prior to implementation of impact management measures, as determined in accordance with the EIANZ Guidelines
Manager	The Manager – Resource Consents of the Auckland Council, or authorised delegate
Mana Whenua	Mana Whenua as referred to in the conditions are considered to be, but not limited to, the following (in no particular order), who at the time of Notice of Requirement expressed a desire to be involved in the project: - Ngāti Manuhiri - Te Kawerau ā Maki - Te Ākitai Waiohū - Ngāti Whanaunga - Te Runanga o Ngāti Whātua - Ngāti Maru - Te Patu Kirikiri - Ngāti Whātua o Kaipara - Ngāti Tamaterā - Ngai Tai ki Tāmaki - Ngāti Paoa Iwi Trust - Ngāti Paoa Trust Board Note: other iwi not identified above may have an interest in the project and should be consulted
Network Utility Operator	Has the same meaning as set out in section 166 of the RMA
NIMP	Network Integration Management Plan

NoR	Notice of Requirement
North Growth Area	Land for future urban development in the North of Auckland, including Future Urban zoned areas in Ara Hills, Ōrewa, Wainui East, Silverdale West, Redvale and Dairy Flat
NUMP	Network Utilities Management Plan
Outline Plan	An outline plan prepared in accordance with section 176A of the RMA
Project Liaison Person	The person or persons appointed for the duration of the project's Construction Works to be the main point of contact for persons wanting information about the project or affected by the Construction Works
Protected Premises and Facilities (PPF)	Protected Premises and Facilities as defined in New Zealand Standard NZS 6806:2010: <i>Acoustics – Road-traffic noise – New and altered roads</i>
Requiring Authority	Has the same meaning as section 166 of the RMA and, for this designation is Auckland Transport
RMA	Resource Management Act 1991
SCEMP	Stakeholder Communication and Engagement Management Plan
Stakeholder	Stakeholders to be identified in accordance with Condition 4, which may include as appropriate: (a) adjacent owners and occupiers; (b) adjacent business owners and operators; (c) central and local government bodies; (d) community groups; (e) developers; (f) development agencies; (g) Education Facilities; and (h) Network Utility Operators.
Stage of Work	Any physical works that require the development of an Outline Plan
Start of Construction	The time when Construction Works (excluding Enabling Works) start
Suitably Qualified Person	A person (or persons) who can provide sufficient evidence to demonstrate their suitability, experience and competence in the relevant field of expertise.
TMP	Tree Management Plan
ULDMP	Urban and Landscape Design Management Plan

General conditions	
1.	Activity in General Accordance with Plans and Information (a) Except as provided for in the conditions below, and subject to final design and Outline Plan(s), works within the designation shall be undertaken in general accordance with the project description and concept plan in Schedule 1. (b) Where there is inconsistency between: (i) the project description and concept plan in Schedule 1 and the requirements of the following conditions, the conditions shall prevail; (ii) the project description and concept plan in Schedule 1, and the management plans under the conditions of the designation, the requirements of the management plans shall prevail.
2.	Project Information (a) A project website, or equivalent virtual information source, shall be established as soon as reasonably practicable, and within six months of the inclusion of this designation in the AUP. This shall be updated as required so it remains current. (b) All directly affected owners and occupiers shall be notified in writing as soon as reasonably practicable once the website or equivalent information source has been established. The project website or virtual information source shall include these conditions and shall provide information on: (i) the status of the project; (ii) anticipated construction timeframes; (iii) contact details for enquiries; (iv) the implications of the designation for landowners, occupiers and business owners and operators within the designation and where they can receive additional advice; (v) a subscription service to enable receipt of project updates by email; (vi) the types of activities that can be undertaken by landowners without the need for written consent to be obtained under s176(1)(b) of the RMA; and (vii) when and how to apply for consent for works in the designation under section 176(1)(b) of the RMA. (c) At ten yearly intervals from the inclusion of this designation in the AUP until the start of detailed design, the Requiring Authority shall identify appropriate methods with the relevant Local Board(s) to: (i) inform the wider community of the project status; and (ii) raise awareness of the project website. (d) At the start of detailed design for a Stage of Work, the project website or virtual information source shall be updated to provide information on the likely date for Start of Construction, and any Staging of Works.

3.	Land use Integration Process (a) The Requiring Authority shall set up a Land use Integration Process for the period between confirmation of the designation and the Start of Construction. The purpose of this process is to encourage and facilitate the integration of master planning and land use development activity on land directly affected or adjacent to the designation. To achieve this purpose: (i) the Requiring Authority shall include the contact details of a nominated contact on the project website (or equivalent information source) required to be established by Condition 2(b)(iii); and (ii) the nominated contact shall be the main point of contact for a Developer or Development Agency wanting to work with the Requiring Authority to integrate their development plans or master planning with the designation. (b) At any time prior to the Start of Construction, the nominated contact will be available to engage with a Developer or Development Agency for the purpose of: (i) responding to requests made to the Requiring Authority for information regarding design details that could assist with land use integration; and (ii) receiving information from a Developer or Development Agency regarding master planning or land development details that could assist with land use integration. (c) Information requested or provided under Condition 3(b) above may include but not be limited to the following matters: (i) design details including but not limited to: A. boundary treatment (e.g. the use of retaining walls or batter slopes); B. the horizontal and vertical alignment of the road (levels); C. potential locations for mid-block crossings; D. integration of stormwater infrastructure; and E. traffic noise modelling contours. (ii) potential modifications to the extent of the designation in response to information received through Condition 3(b)(ii); (iii) a process for the Requiring Authority to undertake a technical review of or provide comments on any master planning or development proposal advanced by the Developer or Development Agency as it relates to integration with the project; and (iv) details of how to apply for written consent from the Requiring Authority for any development proposal that relates to land that is within the designation under section 176(1)(b) of the RMA. (d) Where information is requested from the Requiring Authority and is available, the nominated contact shall provide the information unless there are reasonable grounds for not providing it. (e) The nominated contact shall maintain a record of the engagement between the Requiring Authority and Developers and Development Agencies for the period following the date in which this designation is included in the AUP through to the Start of Construction for a Stage of Work. The record shall include: (i) details of any requests made to the Requiring Authority that could influence detailed design, the results of any engagement and, where such requests that could influence detailed design are declined, the reasons why the Requiring Authority has declined the requests; and (ii) details of any requests to co-ordinate the forward work programme, where appropriate, with Development Agencies and Network Utility Operators. (f) The record shall be submitted to Council for information 10 working days prior to the Start of Construction for a Stage of Work.

4.	Stakeholder Communication and Engagement Design (a) At least six months prior to the start of detailed design for a Stage of Work, the Requiring Authority shall identify: (i) a list of Stakeholders; (ii) a list of properties within the designation which the Requiring Authority does not own or have occupation rights to; and (iii) methods to engage with Stakeholders and the owners and occupiers of properties identified in (a)(i) – (ii) above. (b) A record of (a) shall be submitted to the Manager for information with an Outline Plan for the relevant Stage of Work.
5.	Designation Review As soon as reasonably practicable following Completion of Construction, the Requiring Authority shall: (i) review the extent of the designation to identify any areas of designated land that it no longer requires for the on-going operation, maintenance or mitigation of effects of the project; and (ii) give notice to the Manager in accordance with section 182 of the RMA for the removal of those parts of the designation identified above.
6.	Lapse In accordance with section 184(1)(c) of the RMA, this designation shall lapse if not given effect to within 30 years from the date on which it is included in the AUP.
7.	Network Utility Operators and Auckland Council Parks (Section 176 Approval) (a) Prior to the Start of Construction, Network Utility Operators with existing infrastructure and Auckland Council in relation to parks located within the designation will not require written consent under section 176 of the RMA for the following activities: (i) operation, maintenance and repair works; (ii) minor renewal works to existing network utilities or parks necessary for the on-going provision or security of supply of network utility or parks operations; (iii) minor works such as new service connections; and (iv) the upgrade and replacement of existing network utilities in the same location with the same or similar effects on the works authorised by the designation as the existing utility. (b) To the extent that a record of written approval is required for the activities listed above, this condition shall constitute written approval.
8.	General Section 176 Approval (a) Prior to the start of the formal acquisition process under the Public Works Act 1981 for a property, or submission of the Outline Plan, persons on properties zoned Rural or Future Urban will not require written consent under section 176 of the RMA for the following activities: (i) Internal alterations; (ii) Repair of existing utility services; (iii) One extension to an existing structure as at 2023, up to 30m²; and (iv) Temporary or relocatable structures, provided they are removed from the site and the land is reinstated (including closing and capping any associated services) at the landowner's expense prior to the Start of Construction. The landowner shall be responsible for any resource consent required for the structures, their removal or relocation. (b) To the extent that a record of written approval is required for the activities listed above, this condition shall constitute written approval.
Pre-construction conditions	

9.	Outline Plan (a) An Outline Plan (or Plans) shall be prepared in accordance with section 176A of the RMA. (b) Outline Plans (or Plan) may be submitted in parts or in stages to address particular activities (e.g. design or construction aspects), or a Stage of Work of the project. (c) Outline Plans shall include any management plan or plans that are relevant to the management of effects of those activities or Stage of Work, which may include: (i) Construction Environmental Management Plan; (ii) Construction Traffic Management Plan; (iii) Construction Noise and Vibration Management Plan; (iv) Urban and Landscape Design Management Plan; (v) Historic Heritage Management Plan; (vi) Ecological Management Plan; (vii) Tree Management Plan; (viii) Network Utilities Management Plan; and (ix) Network Integration Management Plan.
	Flood Hazard For the purpose of Condition 10: (a) AEP – means Annual Exceedance Probability; (b) Existing Authorised Habitable Floor – means the floor level of any room (floor) in a residential building which is authorised and exists at the time the Outline Plan is submitted, excluding a laundry, bathroom, toilet or any room used solely as an entrance hall, passageway or garage; (c) Flood Prone Area – means potential ponding areas that may flood in a 1% AEP event and commonly comprise of topographical depression areas. The areas can occur naturally or as a result of constructed features. Identification of a potential Flood Prone Area would be by an assessment of residual flood risk in a 1% AEP event (e.g. from blockage of the project stormwater network) on land outside and adjacent to the designation following the application of Conditions (10)(a)(i) – (iv). (d) Maximum Probable Development – is the design case for consideration of future flows allowing for development within a catchment that takes into account the maximum impervious surface limits of the current zone or if the land is zoned Future Urban in the AUP, the probable level of development arising from zone changes; (e) Pre-Project Development – means existing site condition prior to the project (including existing buildings and roadways); and (f) Post-Project Development – means site condition after the project has been completed (including existing and new buildings and roadways).

10.	Flood Hazard (a) The project shall be designed to achieve the following flood risk outcomes beyond the boundary of the designation: (i) no increase in flood levels in a 1% AEP event for Existing Authorised Habitable Floors that are already subject to flooding or have a freeboard less than 500mm; (ii) no increase in flood levels in a 1% AEP event for authorised community, commercial, industrial and network utility building floors existing at the time the Outline Plan is submitted that are already subject to flooding or have a freeboard less than 300mm; (iii) maximum of 50mm increase in flood levels in a 1% AEP event outside and adjacent to the designation boundary between the Pre-Project Development and Post-Project Development scenarios; (iv) no increase of Flood Hazard Class for the main access to authorised habitable dwellings existing at the time the Outline Plan is submitted. The assessment shall be undertaken for the 1% AEP rainfall event and reference the hazard class in accordance with Schedule 2 to these conditions; and (v) no new Flood Prone Areas. (b) Compliance with this condition shall be demonstrated in the Outline Plan, which shall include flood modelling of the Pre-Project Development and Post-Project Development 1% AEP flood levels (for Maximum Probable Development land use with allowances for climate change). (c) Where: (i) the flood risk outcomes in (a) can be achieved through alternative measures outside of the designation such as flood stop banks, flood walls, raising Existing Authorised Habitable Floor level and new overland flow paths; or (ii) the outcomes are varied at specific location(s) through agreement with the relevant landowner, confirmation shall be provided to the Manager that any necessary landowner agreement and statutory approvals have been obtained for that alternative measure or varied outcome.
11.	Existing property access Prior to submission of the Outline Plan, consultation shall be undertaken with landowners and occupiers whose vehicle access to their property will be altered by the project. The Outline Plan shall demonstrate how safe reconfigured or alternate access will be provided, unless otherwise agreed with the affected landowner.

12.	Management Plans (a) Any management plan shall: (i) be prepared and implemented in accordance with the relevant management plan condition; (ii) be prepared by a Suitably Qualified Person(s); (iii) include sufficient detail relating to the management of effects associated with the relevant activities and/or Stage of Work to which it relates; (iv) be submitted as part of an Outline Plan pursuant to section 176A of the RMA, with the exception of SCEMPs and CNVMP Schedules; and (v) once finalised, uploaded to the project website or equivalent virtual information source. (b) Any management plan developed in accordance with Condition 12 may: (i) be submitted in parts or in stages to address particular activities (e.g. design or construction aspects), a Stage of Work of the project, or to address specific activities authorised by the designation; and (ii) except for material changes, be amended to reflect any changes in design, construction methods or management of effects without further process; (c) Information shall be submitted with the management plan (or revised plan as referred to in (d) below) which summarises outcomes of consultation and any input received from Mana Whenua and Stakeholders as required by the relevant management plan condition. The summary shall note how this input has been incorporated or reflected in the management plan, or if not, the reasons why; (d) If there is a material change required to a management plan which has been submitted with an Outline Plan, the revised part of the plan shall be submitted to the Manager as an update to the Outline Plan or for Certification as soon as practicable following identification of the need for a revision; and (e) Any material changes to the SCEMP(s) are to be submitted to the Manager for information.
13.	Stakeholder Communication and Engagement Management Plan (SCEMP) (a) A SCEMP shall be prepared in consultation with relevant Stakeholders prior to the Start of Construction. The objective of the SCEMP is to identify how the public and Stakeholders will be engaged with throughout Construction Works. (b) To achieve the objective, the SCEMP shall include: (i) a list of Stakeholders; (ii) the contact details for the Project Liaison Person. These details shall be on the project website, or equivalent virtual information source, and prominently displayed at the main entrance(s) to the site(s); (iii) methods for engaging with Mana Whenua, to be developed in consultation with Mana Whenua; (iv) methods and timing to engage with owners and occupiers whose access is directly affected; (v) methods to communicate key project milestones and the proposed hours of construction activities including outside of normal working hours and on weekends and public holidays, to the parties identified in (b)(i) above; and (vi) linkages and cross-references to communication and engagement methods set out in other conditions and management plans where relevant. (c) Any SCEMP prepared for a Stage of Work shall be submitted to the Manager for information a minimum of 10 working days prior to the Start of Construction for a Stage of Work.

14.	Cultural Advisory Report (a) At least six months prior to the start of detailed design for a Stage of Work, Mana Whenua shall be invited to prepare a Cultural Advisory Report for the project. The objective of the Cultural Advisory Report is to assist in understanding and identifying ngā taonga tuku iho (treasures handed down by our ancestors) affected by the project, to inform their management and protection. (b) To achieve the objective, the Requiring Authority shall invite Mana Whenua to prepare a Cultural Advisory Report that: (i) identifies the cultural sites, landscapes and values that have the potential to be affected by the construction and operation of the project; (ii) sets out the desired outcomes for management of potential effects on cultural sites, landscapes and values; (iii) identifies traditional cultural practices within the area that may be impacted by the project; (iv) identifies opportunities for restoration and enhancement of identified cultural sites, landscapes and values within the project area; (v) taking into account the outcomes of (i) to (iv) above, identify cultural matters and principles that should be considered in the development of the ULDMP (Condition 15) and HHMP (Condition 26) and the CMP referred to in Condition 20; and (vi) identifies and (if possible) nominates traditional names along the project alignment. Noting there may be formal statutory processes outside the project required in any decision-making. (c) The desired outcomes for management of potential effects on cultural sites, landscapes and values identified in the Cultural Advisory Report shall be discussed with Mana Whenua and those outcomes reflected in the relevant management plans where practicable; and (d) Conditions 14(b) and (c) will cease to apply if: (i) Mana Whenua have been invited to prepare a Cultural Advisory Report by a date at least six months prior to the Start of Construction; and (ii) Mana Whenua have not provided a Cultural Advisory Report within six months prior to the Start of Construction.
	Urban and Landscape Design Management Plan (ULDMP)
15.	(a) A ULDMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the ULDMP(s) is to: (i) enable integration of the project's permanent works into the surrounding landscape and urban context; and (ii) ensure that the project manages potential adverse landscape and visual effects as far as practicable and contributes to a quality urban environment. (b) Mana Whenua shall be invited to participate in the development of the ULDMP(s) to provide input into relevant cultural landscape and design matters including how desired outcomes for management of potential effects on cultural sites, landscapes and values identified and discussed in the Cultural Advisory Report in Condition 14 may be reflected in the ULDMP. (c) Relevant Stakeholders shall be invited to participate in the development of the ULDMP at least six months prior to the start of detailed design for a Stage of Work.

16.	(a) To achieve the objective set out in Condition 15, the ULDMP(s) shall provide details of how the project: (i) is designed to integrate with the adjacent urban (or proposed urban) and landscape context, including the surrounding existing or proposed topography, urban environment (eg. centres and density of built form), natural environment, landscape character and open space zones; (ii) provides appropriate walking and cycling connectivity to, and interfaces with, existing or proposed adjacent land uses, public transport infrastructure and walking and cycling connections; (iii) promotes inclusive access (where appropriate); (iv) promotes a sense of personal safety by aligning with best practice guidelines, such as: A. Crime Prevention Through Environmental Design (CPTED) principles; B. Safety in Design (SID) requirements; and C. Maintenance in Design (MID) requirements and anti-vandalism/anti-graffiti measures; (v) has responded to matters identified through the Land use Integration Process (Condition 3); and (b) The ULDMP shall be prepared in general accordance with: (i) Auckland Transport's Urban Roads and Streets Design Guide, or any subsequent or updated version; (ii) New Zealand Transport Agency Urban Design Guidelines: Bridging the Gap (2013) or any subsequent updated version; (iii) New Zealand Transport Agency Landscape Guidelines (2018) or any subsequent updated version; (iv) New Zealand Transport Agency P39 Standard Specification for Highway Landscape Treatments (2013) or any subsequent updated version; and (v) Auckland's Urban Ngahere (Forest) Strategy or any subsequent updated version.

17.	The ULDMP(s) shall include: (a) a concept plan – which depicts the overall landscape and urban design concept, and explain the rationale for the landscape and urban design proposals; (b) developed design concepts, including principles for walking and cycling facilities and public transport; (c) landscape and urban design details – that cover the following: (i) road design – elements such as intersection form, carriageway gradient and associated earthworks contouring including cut and fill batters and the interface with adjacent land uses and existing roads (including slip lanes), benching, spoil disposal sites, median width and treatment, roadside width and treatment; (ii) roadside elements – such as lighting, fencing, wayfinding and signage; (iii) architectural and landscape treatment of all major structures, including bridges and retaining walls; (iv) architectural and landscape treatment of noise barriers; (v) landscape treatment and planting of permanent stormwater control wetlands and swales; (vi) integration of passenger transport; (vii) pedestrian and cycle facilities including paths, road crossings and dedicated pedestrian/ cycle bridges or underpasses; (viii) historic heritage places with reference to the HHMP (Condition 26); and (ix) re-instatement of construction and site compound areas; and (x) features disturbed during construction and intended to be reinstated such as: A. boundary features; B. driveways; C. accessways; and D. fences. (d) the ULDMP shall also include the following planting and maintenance details: (i) planting design details including: A. identification of existing trees and vegetation that will be retained with reference to the TMP (Condition 29) (where relevant) and EMP (Condition 28). Where practicable, mature trees and native vegetation should be retained; B. street trees, shrubs and ground cover suitable for the location; C. treatment of fill slopes to integrate with adjacent land use, streams, riparian margins and open space zones; D. identification of any planting requirements under the EMP (Condition 28) and TMP (Condition 29); E. integration of any planting required by conditions of any resource consents for the project; and F. re-instatement planting of construction and site compound areas as appropriate. (ii) a planting programme including the staging of planting in relation to the construction programme which shall, as far as practicable, include provision for planting within each planting season following completion of each Stage of Work; and (iii) detailed specifications relating to the following: A. weed control and clearance; B. pest animal management (to support plant establishment); C. ground preparation (top soiling and decompaction); D. mulching; and E. plant sourcing and planting, including hydroseeding and grassing, and use of eco-sourced species.
Construction conditions	

18.	Construction Environmental Management Plan (CEMP) (a) A CEMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the CEMP is to set out the management procedures and construction methods to be undertaken to avoid, remedy or mitigate any adverse effects associated with Construction Works as far as practicable. (b) To achieve the objective, the CEMP shall include: (i) the roles and responsibilities of staff and contractors; (ii) details of the site or project manager and the Project Liaison Person, including their contact details (phone and email address); (iii) the Construction Works programmes and the staging approach, and the proposed hours of work; (iv) details of the proposed construction yards including temporary screening when adjacent to residential areas; (v) details of the proposed construction lighting; (vi) methods for controlling dust and the removal of debris and demolition of construction materials from public roads or places; (vii) methods for providing for the health and safety of the general public; (viii) measures to mitigate flood hazard effects such as siting stockpiles out of floodplains, minimising obstruction to flood flows, actions to respond to warnings of heavy rain; (ix) procedures for incident management; (x) location and procedures for the refuelling and maintenance of plant and equipment to avoid discharges of fuels or lubricants to watercourses; (xi) 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; (xii) procedures for responding to complaints about Construction Works; and (xiii) methods for amending and updating the CEMP as required.
19.	Complaints Process (a) At all times during Construction Works, a record of any complaints received about the Construction Works shall be maintained. The record shall include: (i) the date, time and nature of the complaint; (ii) the name, phone number and address of the complainant (unless the complainant wishes to remain anonymous); (iii) measures taken to respond to the complaint (including a record of the response provided to the complainant) or confirmation of no action if deemed appropriate; (iv) the outcome of the investigation into the complaint; and (v) any other activities in the area, unrelated to the project that may have contributed to the complaint, such as non-project construction, fires, traffic accidents or unusually dusty conditions generally. (b) A copy of the complaints record required by this condition shall be made available to the Manager upon request as soon as practicable after the request is made.

20.	Cultural Monitoring Plan (CMP) (a) Prior to the Start of Construction, a CMP shall be prepared by a Suitably Qualified Person(s) identified in collaboration with Mana Whenua. The objective of the CMP is to identify methods for undertaking cultural monitoring to assist with management of any cultural effects during Construction Works. (b) To achieve the objective, the CMP shall include: (i) requirements for formal dedication or cultural interpretation to be undertaken prior to the Start of Construction in areas identified as having significance to Mana Whenua; (ii) requirements and protocols for cultural inductions for contractors and subcontractors; (iii) identification of activities, sites and areas where cultural monitoring is required during particular Construction Works; (iv) identification of personnel to undertake cultural monitoring, including any geographic definition of their responsibilities; and (v) details of personnel to assist with management of any cultural effects identified during cultural monitoring, including implementation of the Accidental Discovery Protocol. (c) If Enabling Works involving soil disturbance are undertaken prior to the Start of Construction, an Enabling Works CMP shall be prepared by a Suitably Qualified Person identified in collaboration with Mana Whenua. This plan may be prepared as a standalone Enabling Works CMP or be included in the main Construction Works CMP. Advice note: Where appropriate, the CMP shall align with the requirements of other conditions of the designation and resource consents for the project which require monitoring during Construction Works.

21.	Construction Traffic Management Plan (CTMP) (a) A CTMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the CTMP is to avoid, remedy or mitigate, as far as practicable, adverse construction traffic effects. (b) To achieve this objective, the CTMP shall include: (i) methods to manage the effects of temporary traffic management activities on traffic; (ii) measures to ensure the safety of all transport users; (iii) the estimated numbers, frequencies, routes and timing of traffic movements, including any specific non-working or non-movement hours to manage vehicular and pedestrian traffic near Education Facilities or to manage traffic congestion; (iv) site access routes and access points for heavy vehicles, the size and location of parking areas for plant, construction vehicles and the vehicles of workers and visitors; (v) identification of detour routes and other methods to ensure the safe management and maintenance of traffic flows, including public transport, pedestrians and cyclists; (vi) methods to maintain access to and within property and/or private roads where practicable, or to provide alternative arrangements when it will not be, including details of how access is managed for loading and unloading of goods; (vii) the management approach to loads on heavy vehicles, including covering loads of fine material, the use of wheel-wash facilities at site exit points and the timely removal of any material deposited or spilled on public roads; (viii) methods that will be undertaken to communicate traffic management measures to affected road users (e.g. residents / public / Stakeholders / emergency services); (ix) details of minimum network performance parameters during the construction phase, including any measures to monitor compliance with the performance parameters; and (x) details of any measures proposed to be implemented in the event of thresholds identified in (ix) being exceeded. (c) Auditing, monitoring and reporting requirements relating to traffic management activities shall be undertaken in accordance with the New Zealand Guide to Temporary Traffic Management (April 2023) or any subsequent version.

22.

Construction Noise Standards

(a) Construction noise shall be measured and assessed in accordance with NZS6803:1999 Acoustics – Construction Noise and shall comply with the noise standards set out in the following table as far as practicable:

Table 22-1 Construction Noise Standards

Day of week	Time period	L _{Aeq} (15min)	L _{AFmax}
Occupied activity sensitive to noise			
Weekday	0630h - 0730h	55 dB	75 dB
	0730h - 1800h	70 dB	85 dB
	1800h - 2000h	65 dB	80 dB
	2000h - 0630h	45 dB	75 dB
Saturday	0630h - 0730h	45 dB	75 dB
	0730h - 1800h	70 dB	85 dB
	1800h - 2000h	45 dB	75 dB
	2000h - 0630h	45 dB	75 dB
Sunday and Public Holidays	0630h - 0730h	45 dB	75 dB
	0730h - 1800h	55 dB	85 dB
	1800h - 2000h	45 dB	75 dB
	2000h - 0630h	45 dB	75 dB
Other occupied buildings			
All	0730h – 1800h	70 dB	
	1800h – 0730h	75 dB	

(b) Where compliance with the noise standards set out in Table 22-1 is not practicable, the methodology in Condition 25 shall apply.

23.

Construction Vibration Standards

(a) Construction vibration shall be measured in accordance with ISO 4866:2010 Mechanical vibration and shock – Vibration of fixed structures – Guidelines for the measurement of vibrations and evaluation of their effects on structures and shall comply with the vibration standards set out in the following table as far as practicable.

Table 23-1 Construction Vibration Standards

Receiver	Details	Category A*	Category B**
Occupied activities sensitive to noise	Night-time 2000h - 0630h	0.3mm/s ppv	2mm/s ppv
	Daytime 0630h - 2000h	2mm/s ppv	5mm/s ppv
Other occupied buildings	Daytime 0630h - 2000h	2mm/s ppv	5mm/s ppv
All other buildings	At all other times	Tables 1 and 3 of DIN4150-3:1999	

* Category A criteria adopted from Rule E25.6.30.1 of the AUP

** Category B criteria based on DIN 4150-3:1999 building damage criteria for daytime

(b) Where compliance with the vibration standards set out in Table 23-1 is not practicable, the methodology in Condition 25 shall apply.

24.	Construction Noise and Vibration Management Plan (CNVMP) (a) A CNVMP shall be prepared prior to the Start of Construction for Stage of Work. A CNVMP shall be implemented during the Stage of Work to which it relates. The objective of the CNVMP is to provide a framework for the development and implementation of the Best Practicable Option for the management of construction noise and vibration effects to achieve the construction noise and vibration standards set out in Conditions 22 and 23 to the extent practicable. (b) To achieve the objective, the CNVMP shall be prepared in accordance with Annex E2 of the New Zealand Standard NZS6803:1999 'Acoustics – Construction Noise' (NZS6803:1999) and shall as a minimum, address the following: (i) description of the works and anticipated equipment/processes; (ii) hours of operation, including times and days when construction activities would occur; (iii) the construction noise and vibration standards for the project; (iv) identification of receivers where noise and vibration standards apply; (v) a hierarchy of management and mitigation options, including any requirements to limit night works and works during other sensitive times, including Sundays and public holidays as far as practicable; (vi) methods and frequency for monitoring and reporting on construction noise and vibration; (vii) procedures for communication and engagement with nearby residents and Stakeholders, including notification of proposed construction activities, the period of construction activities, and management of noise and vibration complaints; (viii) contact details of the Project Liaison Person; (ix) procedures for the regular training of the operators of construction equipment to minimise noise and vibration as well as expected construction site behaviours for all workers; (x) procedures and requirements for the preparation of a Schedule to the CNVMP (Schedule) for those areas where compliance with the noise Condition 22 and/or vibration standards Condition 23 Category B will not be practicable; (xi) identification of trigger levels for undertaking building condition surveys, which shall be Category B day time levels; (xii) procedures and trigger levels for undertaking building condition surveys before and after works to determine whether any cosmetic or structural damage has occurred as a result of construction vibration; (xiii) methodology and programme of desktop and field audits and inspections to be undertaken to ensure that the CNVMP, Schedules and the Best Practicable Option for management of effects are being implemented; and (xiv) requirements for review and update of the CNVMP.

25.	Schedule to a CNVMP (a) A Schedule to the CNVMP (Schedule) shall be prepared prior to the Start of Construction of an activity to which it relates by a Suitably Qualified Person, in consultation with the owners and occupiers of sites subject to the Schedule, when: (i) construction noise is either predicted or measured to exceed the noise standards in Condition 22, except where the exceedance of the L_{Aeq} criteria is no greater than 5 decibels and does not exceed: A. 0630 – 2000: 2 periods of up to 2 consecutive weeks in any 2 months; or B. 2000 - 0630: 1 period of up to 2 consecutive nights in any 10 days; (ii) construction vibration is either predicted or measured to exceed the Category B standard at the receivers in Condition 23. (b) The objective of the Schedule is to set out the Best Practicable Option measures to manage noise and/or vibration effects of the construction activity beyond those measures set out in the CNVMP. (c) To achieve the objective, the Schedule shall include details such as: (i) construction activity location, start and finish dates; (ii) the nearest neighbours to the construction activity; (iii) the predicted noise and/or vibration level for all receivers where the levels are predicted or measured to exceed the applicable standards and predicted duration of the exceedance; (iv) for works proposed between 2000h and 0630h, the reasons why the proposed works must be undertaken during these hours and why they cannot be practicably undertaken during the daytime; (v) the proposed mitigation options that have been selected, and the options that have been discounted as being impracticable and the reasons why; (vi) the consultation undertaken with owners and occupiers of sites subject to the Schedule, and how consultation has and has not been taken into account; and (vii) location, times and types of monitoring. (d) The Schedule shall be submitted to the Manager for Certification at least five working days (except in unforeseen circumstances) in advance of Construction Works that are covered by the scope of the Schedule and shall form part of the CNVMP. (e) The CNVMP Schedule shall be deemed certified five working days from the submission of the CNVMP Schedule where no written confirmation of Certification has been received. (f) Where material changes are made to a Schedule required by this condition, the Requiring Authority shall consult the owners and/or occupiers of sites subject to the Schedule prior to submitting the amended Schedule to the Manager for Certification in accordance with (d) above. The amended Schedule shall document the consultation undertaken with those owners and occupiers, and how consultation outcomes have and have not been taken into account.

26.	Historic Heritage Management Plan (HHMP) (a) A HHMP shall be prepared in consultation with Council, HNZPT and Mana Whenua prior to the Start of Construction for a Stage of Work. The objective of the HHMP is to protect historic heritage and to remedy and mitigate any residual effects as far as practicable. (b) To achieve the objective, the HHMP shall identify: (i) any adverse direct and indirect effects on historic heritage sites and measures to appropriately avoid, remedy or mitigate any such effects, including a tabulated summary of these effects and measures; (ii) methods for the identification and assessment of potential historic heritage places within the designation to inform detailed design; (iii) known historic heritage places and potential archaeological sites within the designation, including identifying any archaeological sites for which an Archaeological Authority under the HNZPTA will be sought or has been granted; (iv) any unrecorded archaeological sites or post-1900 heritage sites within the designation, which shall also be documented and recorded; (v) roles, responsibilities and contact details of project personnel, Council and HNZPT representatives, Mana Whenua representatives, and relevant agencies involved with heritage and archaeological matters including surveys, monitoring of Construction Works, compliance with AUP accidental discovery rule, and monitoring of conditions; (vi) specific areas to be investigated, monitored and recorded to the extent these are directly affected by the project; (vii) the proposed methodology for investigating and recording post-1900 historic heritage sites (including buildings) that need to be destroyed, demolished or relocated, including details of their condition, measures to mitigate any adverse effects and timeframe for implementing the proposed methodology, in accordance with the HNZPT Archaeological Guidelines Series No.1: Investigation and Recording of Buildings and Standing Structures (November 2018), or any subsequent version; (viii) methods to acknowledge cultural values identified through Condition 14 where archaeological sites also involve ngā taonga tuku iho (treasures handed down by our ancestors) and where feasible and practicable to do so; (ix) methods for avoiding, remedying or mitigating adverse effects on historic heritage places and sites within the designation during Construction Works as far as practicable. These methods shall include, but are not limited to: A. security fencing or hoardings around historic heritage places to protect them from damage during construction or unauthorised access; B. measures to mitigate adverse effects on historic heritage sites that achieve positive historic heritage outcomes such as increased public awareness and interpretation signage; and C. training requirements and inductions for contractors and subcontractors on historic heritage places within the designation, legal obligations relating to unexpected discoveries and the AUP Accidental Discovery Rule (E11.6.1). The training shall be undertaken prior to the Start of Construction, under the guidance of a Suitably Qualified Person and Mana Whenua representatives (to the extent the training relates to cultural values identified under Condition 14). Advice note: Accidental Discoveries The requirements for accidental discoveries of heritage items are set out in Rule E11.6.1 of the AUP

27.	Pre-Construction Ecological Survey (a) At the start of detailed design for a Stage of Work, an updated ecological survey shall be undertaken in the relevant geographic area by a Suitably Qualified Person. The purpose of the survey is to inform ecological management by: (i) confirming whether the species of value within the Identified Biodiversity Areas recorded in the Identified Biodiversity Area Schedule 3 are still present; and (ii) confirming whether the project will or is likely to have a moderate or greater level of ecological effect on species of value (prior to implementation of impact management measures). The level of effect shall be determined in accordance with Table 10 of the EIANZ Guidelines (or subsequent updated version of that table) as included in Schedule 4 of these conditions. (b) If the ecological survey confirms the presence of ecological species of value in accordance with Condition 27(a)(i) and that effects are likely in accordance with Condition 27(a)(ii) then an Ecological Management Plan (or Plans) shall be prepared in accordance with Condition 28 for these areas (Confirmed Biodiversity Areas).

28.	Ecological Management Plan (EMP) (a) An EMP shall be prepared for any Confirmed Biodiversity Areas (confirmed through Condition 27) prior to the Start of Construction for a Stage of Work. The objective of the EMP is to minimise effects of the project on the ecological features of value in Confirmed Biodiversity Areas as far as practicable. (b) If an EMP is required in accordance with (a) for the presence of long tail bats, the EMP may include the following to achieve the objective: (i) measures to minimise as far as practicable, disturbance from construction activities within 50m of any active long tail bat roosts that are discovered through survey until such roosts are confirmed to be vacant of bats; (ii) timing of any Construction Works within 50m of any active maternity long tail bat roosts. Those Construction Works shall be undertaken outside the bat maternity period (between December and March) where reasonably practicable; (iii) details of areas where vegetation is to be retained and where additional planting is proposed to be provided and maintained for the purposes of the connectivity of long tail bat habitats; and (iv) details of measures to minimise any operational disturbance from light spill. (c) If an EMP is required in accordance with (a) for the presence of Threatened or At-Risk wetland birds, the EMP may include the following to achieve the objective: (i) details of any nesting bird surveys of Threatened or At-Risk wetland birds. Nesting bird surveys shall be undertaken within any wetland that is both within a Confirmed Biodiversity Area and located within a 50m radius of Construction Works. Surveys shall be undertaken prior to any such works taking place and repeated at the beginning of each wetland bird breeding season until the Completion of Construction; (ii) timing of any Construction Works which may have adverse effects on Threatened or At-Risk wetland birds. Those Construction Works shall be undertaken outside of the bird breeding season (September to February) where practicable; (iii) where works are required within the Confirmed Biodiversity Area during the bird breeding season, methods to minimise adverse effects on Threatened or At-Risk wetland birds; and (iv) details of what protection and buffer measures are proposed to manage effects on nesting Threatened or At-Risk wetland birds identified through a survey undertaken in accordance with Condition (c)(i). Proposed measures shall address: A. the type, intensity and duration of construction activity; B. the likely sensitivity of the nesting bird species to the construction activity; and C. any environmental features (e.g., vegetation and contour) that could influence the extent of potential adverse effects on the Threatened or At-Risk wetland birds. (d) If an EMP is required in accordance with (a) for the presence of native herpetofauna, the EMP may include the following to achieve the objective: (i) a description of the methodology and timing for survey, trapping and relocation of lizards rescued; (ii) a description of the relocation site(s), including: A. any measures to ensure the relocation site remains available; and B. any weed and pest management to ensure the relocation site is maintained as appropriate habitat; (iii) a post vegetation clearance search for remaining lizards; and (iv) any proposed monitoring. (e) The EMP shall be consistent with any ecological management measures to be undertaken in compliance with conditions of any regional resource consents granted for the project. Advice note:

	Depending on the potential effects of the project, the regional consents for the project may include the following monitoring and management plans: (i) stream and/or wetland restoration plans; (ii) vegetation restoration plans; and (iii) fauna management plans (e.g. avifauna).

29.	Tree Management Plan (TMP) (a) Prior to the Start of Construction for a Stage of Work, a TMP shall be prepared. The objective of the TMP is to avoid, remedy or mitigate effects of construction activities on trees identified in Schedule 5. (b) To achieve the objective, the TMP shall: (i) confirm that the trees listed in Schedule 5 still exist; and (ii) demonstrate how the design and location of project works has avoided, remedied or mitigated any effects on any tree listed in Schedule 5. This may include: A. any opportunities to relocate listed trees where practicable; B. planting to replace trees that require removal (with reference to the ULDMP planting design details in Condition 17); C. tree protection zones and tree protection measures such as protective fencing, ground protection and physical protection of roots, trunks and branches; and D. methods for work within the rootzone of trees that are to be retained in line with accepted arboricultural standards including provision of kauri dieback management measures. (iii) demonstrate how the tree management measures (outlined in A – D above) are consistent with any relevant conditions of resource consents granted for the project. (c) Where replacement planting of any tree listed in Schedule 5 is required under (b)(ii)(B) it shall be at a ratio of 2:1 for Single Trees and a minimum of like for like (in m²) for Group of Trees.
30.	Network Utility Management Plan (NUMP) (a) A NUMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the NUMP is to set out a framework for protecting, relocating and working in proximity to existing network utilities. (b) To achieve the objective, the NUMP shall include methods to: (i) provide access for maintenance at all reasonable times, or emergency works at all times during construction activities; (ii) protect and where necessary, relocate existing network utilities; (iii) manage the effects of dust and any other material potentially resulting from construction activities and able to cause material damage, beyond normal wear and tear to overhead transmission lines in the project area; (iv) demonstrate compliance with relevant standards and Codes of Practice including, where relevant, the NZECP 34:2001 New Zealand Electrical Code of Practice for Electrical Safe Distances 2001; AS/NZS 4853:2012 Electrical hazards on Metallic Pipelines, and AS/NZS 2885 Pipelines – Gas and Liquid Petroleum. (c) The NUMP shall be prepared in consultation with the relevant Network Utility Operator(s) who have existing assets that are directly affected by the project. (d) The development of the NUMP shall consider opportunities to coordinate future work programmes with other Network Utility Operator(s) during detailed design where practicable. (e) The NUMP shall describe how any comments from the Network Utility Operator in relation to its assets have been addressed. (f) Any comments received from the Network Utility Operator shall be considered when finalising the NUMP. (g) Any amendments to the NUMP related to the assets of a Network Utility Operator shall be prepared in consultation with that asset owner.

31.	Network Integration Management Plan (NIMP) (a) At least six months prior to the start of detailed design for a Stage of Work, the Requiring Authority shall prepare, in collaboration with other relevant road controlling authorities, a NIMP. (b) The objective of the NIMP is to identify how the project will integrate with the planned transport network in the North Growth Area to achieve an effective, efficient and safe land transport system. To achieve this objective, the NIMP shall include details of the: (i) project implementation approach and any staging of the project, including both design, management and operational matters; and (ii) sequencing of the project with the planned transport network, including both design, management and operational matters.
Operational conditions	

32.	Low Noise Road Surface (a) Asphaltic concrete surfacing (or equivalent low noise road surface) shall be implemented within 12 months of Completion of Construction of the project. (b) The asphaltic concrete surface shall be maintained as far as practicable to retain the noise reduction performance of the surface established in accordance with (a), unless Condition 33 applies.
33.	Future Resurfacing Work (a) Any future resurfacing works of the project shall be undertaken in accordance with the Auckland Transport Reseal Guidelines, Asset Management and Systems 2013 or any updated version and asphaltic concrete surfacing (or equivalent low noise road surface) shall be implemented where: (i) the volume of traffic exceeds 10,000 vehicles per day; (ii) the road is subject to high wear and tear (such as cul de sac heads, roundabouts and main road intersections); (iii) it is in an industrial or commercial area where there is a high concentration of truck traffic; or (iv) it is subject to high usage by pedestrians, such as town centres, hospitals, shopping centres and schools. (b) Prior to commencing any future resurfacing works, the Requiring Authority shall advise the Manager if any of the triggers in Condition 33(a)(i) – (iv) are not met by the road or a section of it and therefore where the application of asphaltic concrete surfacing (or equivalent low noise road surface) is no longer required on the road or a section of it. Such advice shall also indicate when any resealing is to occur.
	Traffic Noise For the purposes of Conditions 34 to 39: (a) Building-Modification Mitigation – has the same meaning as in NZS 6806; (b) Design year has the same meaning as in NZS 6806; (c) Detailed Mitigation Options – means the fully detailed design of the Selected Mitigation Options, with all practical issues addressed; (d) Habitable Space – has the same meaning as in NZS 6806; (e) Identified Noise Criteria Category – means the Noise Criteria Category for a PPF identified in Schedule 6: Identified PPFs Noise Criteria Categories; (f) Mitigation – has the same meaning as in NZS 6806:2010 Acoustics – Road-traffic noise – New and altered roads; (g) Noise Criteria Categories – means the groups of preference for sound levels established in accordance with NZS 6806 when determining the Best Practicable Option for noise mitigation (i.e. Categories A, B and C); (h) NZS 6806 – means New Zealand Standard NZS 6806:2010 Acoustics – Road-traffic noise – New and altered roads; (i) Protected Premises and Facilities (PPFs) – means only the premises and facilities identified in Schedule 6: Identified PPFs Noise Criteria Categories; (j) Selected Mitigation Options – means the preferred mitigation option resulting from a Best Practicable Option assessment undertaken in accordance with NZS 6806 taking into account any low noise road surface to be implemented in accordance with Condition 32; and (k) Structural Mitigation – has the same meaning as in NZS 6806.
34.	The Noise Criteria Categories identified in Schedule 6: Identified PPFs Noise Criteria Categories at each of the PPFs shall be achieved where practicable and subject to Conditions 34 to 39 (all traffic noise conditions). The Noise Criteria Categories do not need to be complied with at a PPF where: (a) the PPF no longer exists; or (b) agreement of the landowner has been obtained confirming that the Noise Criteria Category does not need to be met. Achievement of the Noise Criteria Categories for PPFs shall be by reference to a traffic forecast for a high growth scenario in a design year at least 10 years after the programmed opening of the project.

35.	As part of the detailed design of the project, a Suitably Qualified Person shall determine the Selected Mitigation Options for the PPFs identified on Schedule 6: Identified PPFs Noise Criteria Categories. For the avoidance of doubt, the low noise road surface implemented in accordance with Condition 32 may be (or be part of) the Selected Mitigation Option(s).
36.	Prior to the Start of Construction of the project, a Suitably Qualified Person shall develop the Detailed Mitigation Options for the PPFs identified in Schedule 6: Identified PPFs Noise Criteria Categories, taking into account the Selected Mitigation Options.
37.	If the Detailed Mitigation Options would result in the Identified Noise Criteria Category changing to a less stringent Category, e.g. from Category A to B or Category B to C, at any relevant PPF, a Suitably Qualified Person shall provide confirmation to the Manager that the Detailed Mitigation Option would be consistent with adopting the Best Practicable Option in accordance with NZS 6806 prior to implementation.
38.	The Detailed Mitigation Options shall be implemented prior to Completion of Construction of the project, with the exception of any low-noise road surfaces, which shall be implemented within 12 months of Completion of Construction.
39.	Any barriers required by the Detailed Mitigation Options shall be maintained so they retain their noise reduction performance as far as practicable.

Attachments

Schedule 1: General Accordance Plans and Information

Project Description

The proposed work is the construction, operation and maintenance of an upgrade to Dairy Flat Highway between Durey Road, Dairy Flat and Albany village, including active mode facilities, safety improvements and associated infrastructure.

The proposed work is shown in the following Concept Plan and includes:

- Upgrading the corridor with walking and cycling facilities and safety improvements.
- Tie-ins with existing roads and localised widening around the existing intersections to accommodate new intersection forms.
- New or upgraded stormwater management systems, bridges and culverts (where applicable).
- Batter slopes, and associated cut and fill activities (earthworks).
- Vegetation removal.
- Other construction related activities required outside the permanent corridor including the re-grade of driveways, construction traffic manoeuvring and construction laydown areas.

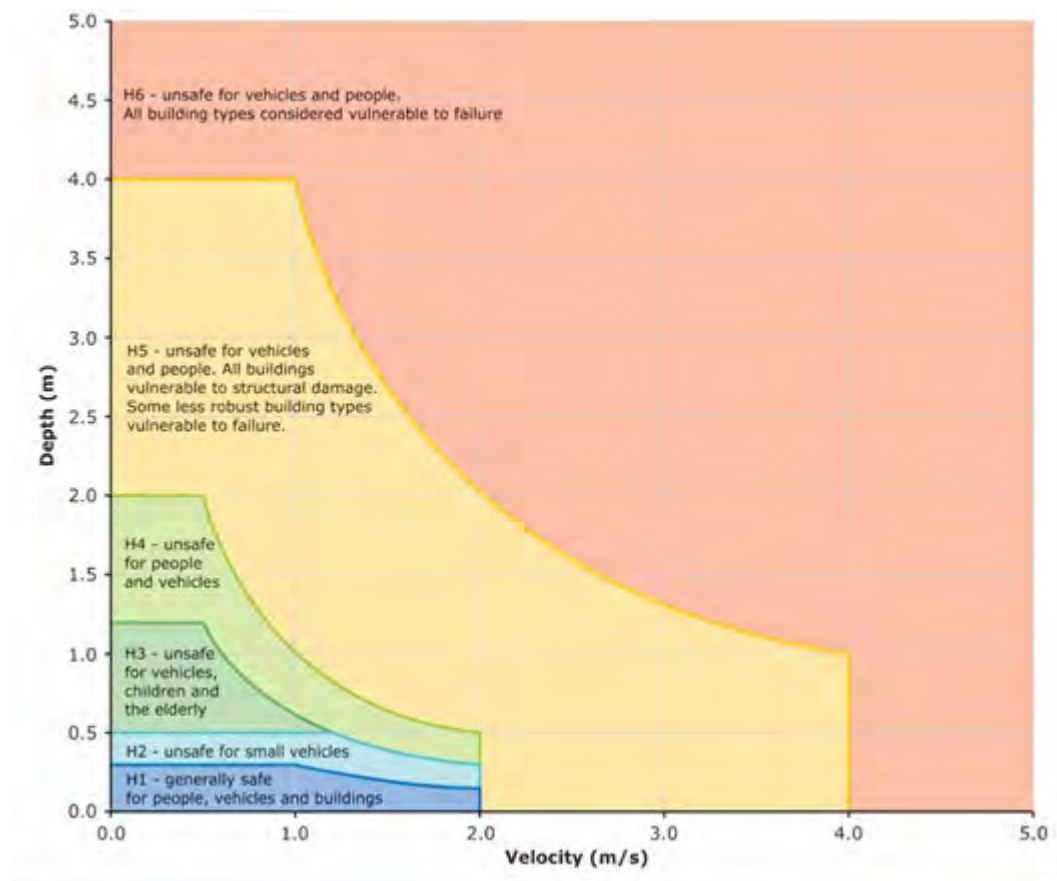
Concept Plan



Schedule 2 – Flood Hazard Class

The combined flood hazard curves shown below set hazard thresholds that relate to the vulnerability of the community when interacting with floodwaters. The combined curves are divided into hazard classifications that relate to specific vulnerability thresholds

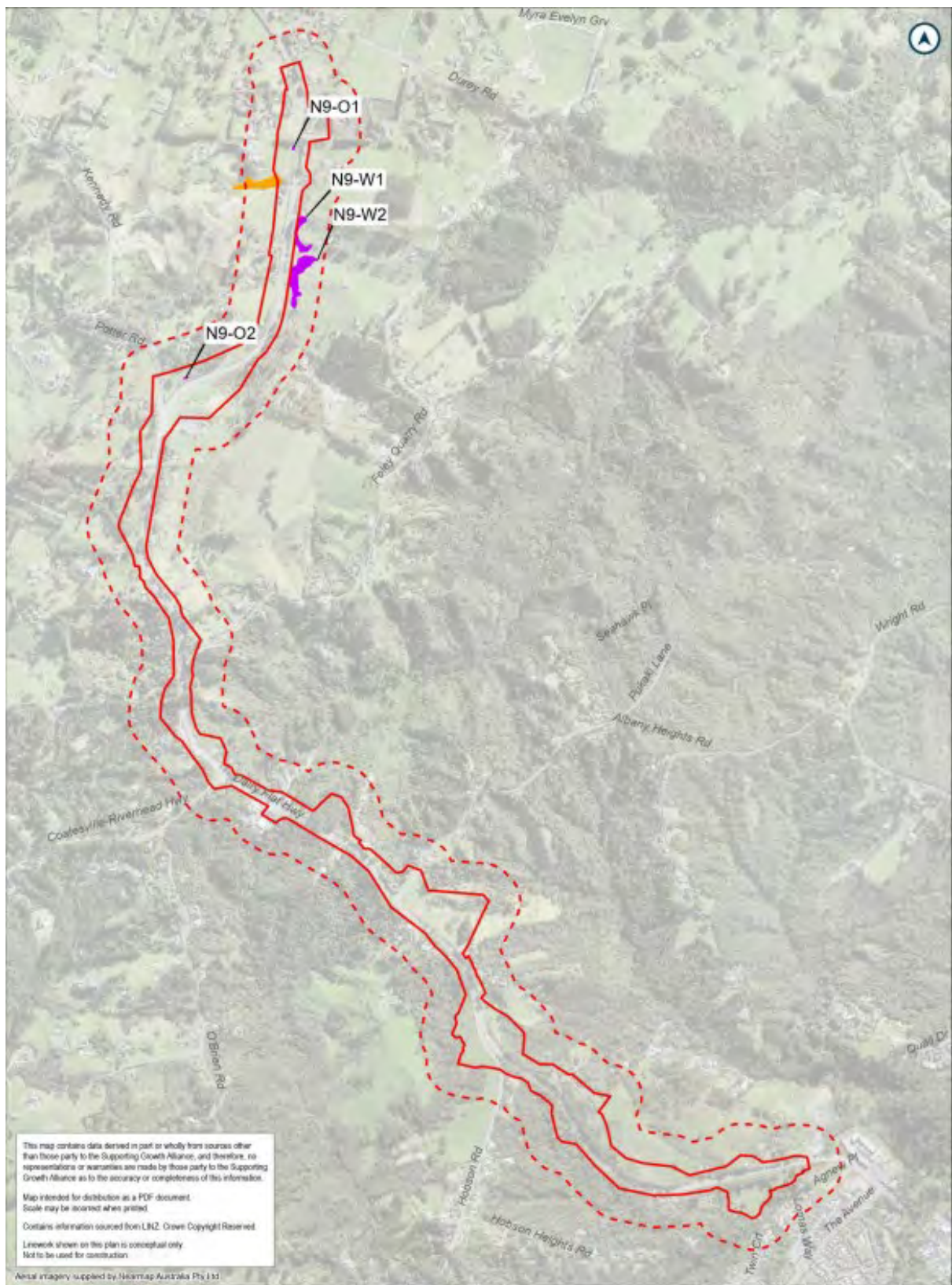
The vulnerability thresholds identified in the flood hazard curves can be applied to the best description of flood behaviour available for a subject site. In this regard, the hazard curves can be applied equally to flood behaviour estimates from measured data, simpler 1D numerical modelling approaches, through to complex 2D model estimates with the level of accuracy and uncertainty of the flood hazard estimate linked to the method used to derive the flood behaviour estimate.

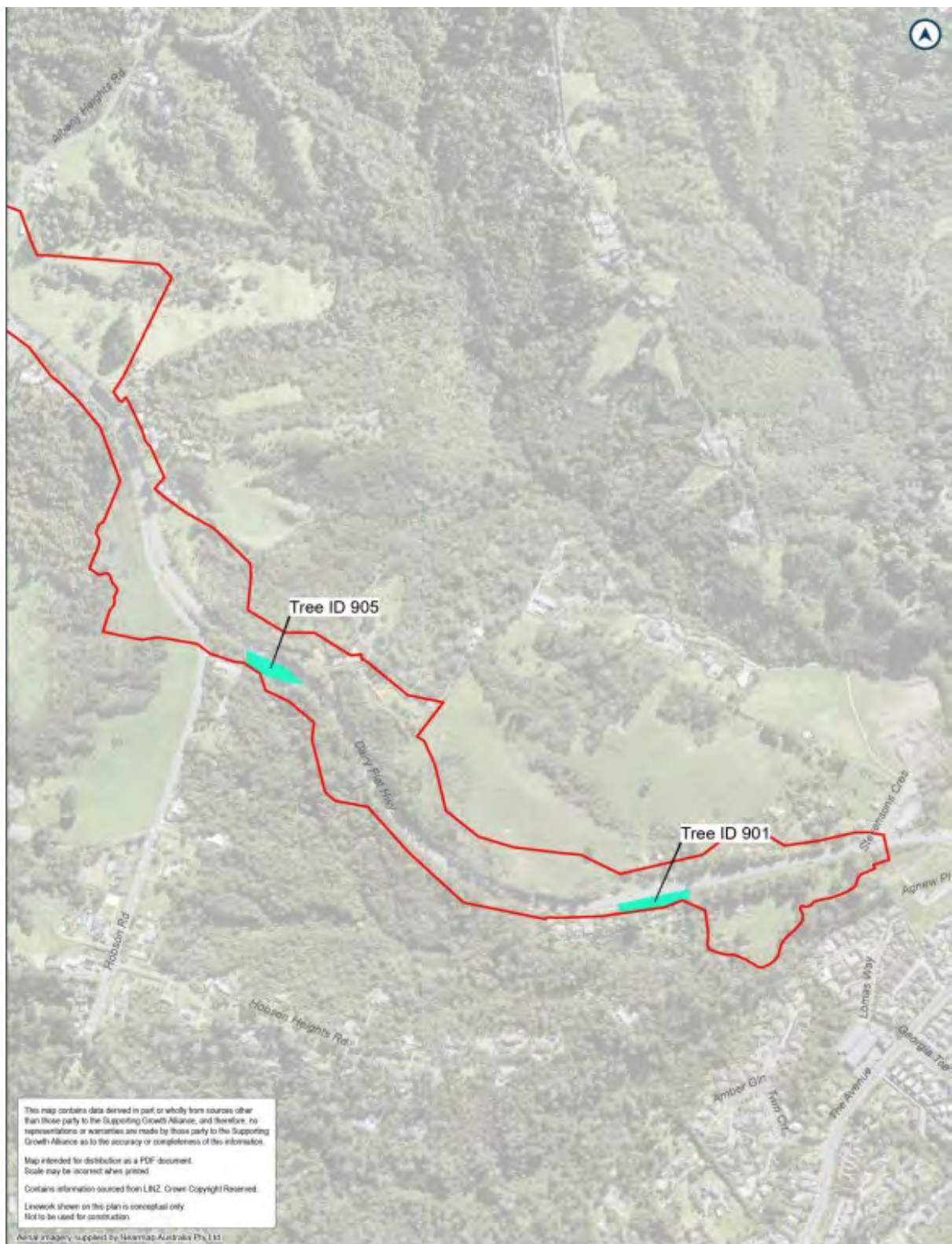


Source: Australian Rainfall and Runoff, Book 6, 2019

Schedule 3: Identified Biodiversity Areas







LEGEND

- ▬ Designation Boundary
 - ▬ District Plan Trees
- Identified Biodiversity Areas for Herpetofauna**

0 140 280
Metres

Schedule 4: Table 10 of the 2018 EIANZ Guidelines**Criteria for describing level of effects (Adapted from Regini (2000) and Boffa Miskell (2011))**

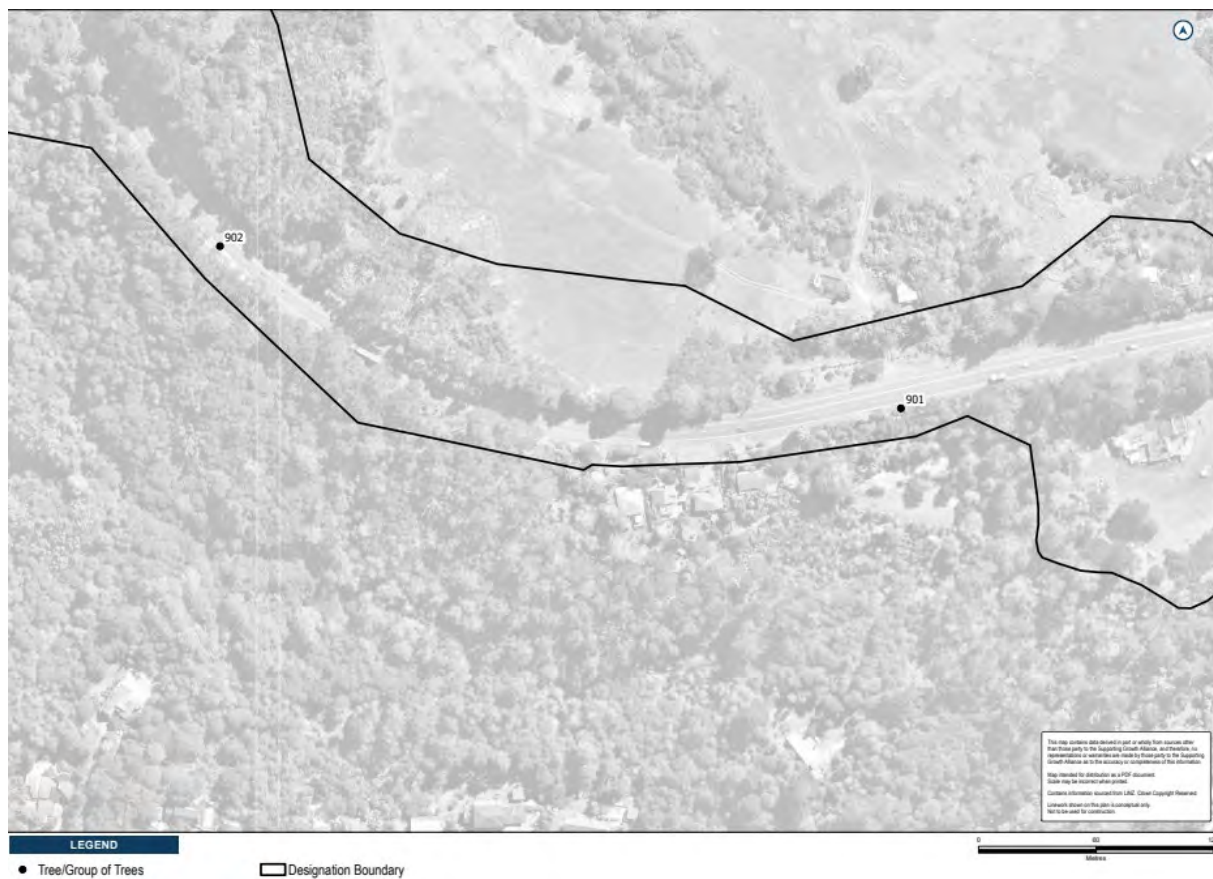
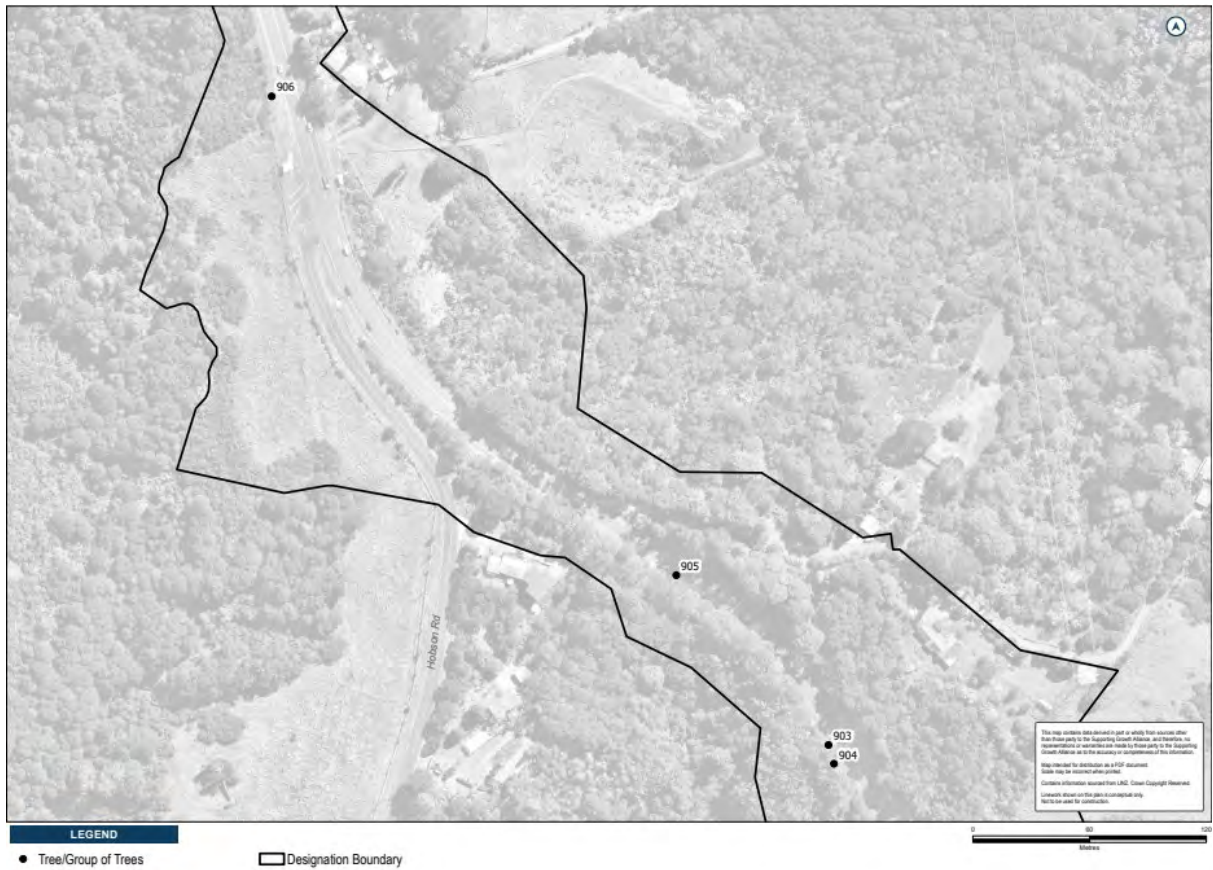
Ecological Value → Magnitude ↓	Very high	High	Moderate	Low	Negligible
Very high	Very high	Very high	High	Moderate	Low
High	Very high	Very high	Moderate	Low	Very low
Moderate	High	High	Moderate	Low	Very low
Low	Moderate	Low	Low	Very low	Very low
Negligible	Low	Very low	Very low	Very low	Very low
Positive	Net gain	Net gain	Net gain	Net gain	Net gain

Schedule 5: Trees to be included in the Tree Management Plan

Tree number	Vegetation type	Protection	Location	Species	Age
901	Row/group of vegetation	Road reserve	Adjacent to R335 Dairy Flat Highway	Privet, Crack Willow (<i>Salix fragilis</i>), Wattle, Ti Kouka (<i>Cordyline australis</i>), Taupata, Mahoe, Ponga, Manuka, Puriri (<i>Vitex lucens</i>) and other weed and pioneer indigenous species	Semi-mature
902	Mixed indigenous and exotic vegetation	Road reserve	Adjacent to R357 Dairy Flat Highway	Monterey Pine (<i>Pinus radiata</i>) and <i>Pinus pinaster</i> . The balance of trees includes a largely continuous stand of Manuka and Kanuka (<i>Kunzea ericoides</i>)	Semi-mature to mature
903	Single Tree (Notable tree)	Road Reserve/Private property	Adjacent to 19 Hobson Road/partially on road reserve	Kauri (<i>Agathus australis</i>)	Mature
904	Mixed Kauri and remnant indigenous	Private/Road Reserve (not protected under DP)	19 Hobson Road	Kauri (<i>Agathus australis</i>), Rimu (<i>Dacrydium cupressinum</i>), Tanekaha Manuka (<i>Leptospermum scoparium</i>), Kanuka (<i>Kunzea ericoides</i>), Taupata (<i>Coprosma repens</i>)	Semi-mature to mature
905	Manuka & Pine	No protection, adjacent to Rural zone	1 Hobson Road	Manuka (<i>Leptospermum scoparium</i>), Kanuka (<i>Kunzea ericoides</i>), <i>Pinus radiata</i> , <i>Pinus pinaster</i>	Semi-mature to mature
906	Manuka row	Road reserve	Adjacent to Open space zoned land (463 Dairy Flat Highway)	Manuka (<i>Leptospermum scoparium</i>)	Semi-mature
907	Monterey Pine and Kauri	Road reserve	Adjacent to Open space zoned land (R497 Dairy Flat Highway)	Manuka (<i>Leptospermum scoparium</i>), Kauri (<i>Agathus australis</i>),	Semi-mature to mature

				Taupata (<i>Coprosma repens</i>), Monterey Pine (<i>Pinus radiata</i>), <i>Pinus pinaster</i>	





Schedule 6: Identified PPFs Noise Criteria Categories

Address	New or Altered Road	Noise Criteria Category
624 Dairy Flat Highway	Altered	A
623 Dairy Flat Highway	Altered	A
473 Dairy Flat Highway	Altered	A
2 Potter Road	Altered	A
452 Dairy Flat Highway	Altered	A
615 Dairy Flat Highway	Altered	A
341 Dairy Flat Highway	Altered	A
614 Dairy Flat Highway	Altered	A
449 Dairy Flat Highway	Altered	A
2 Foley Quarry Road	Altered	A
430 Dairy Flat Highway	Altered	A
508 Dairy Flat Highway	Altered	A
349 Dairy Flat Highway	Altered	A
664 Dairy Flat Highway	Altered	A
652 Dairy Flat Highway	Altered	A
328 Dairy Flat Highway	Altered	A
501 Dairy Flat Highway	Altered	A
2A Foley Quarry Road	Altered	A
540 Dairy Flat Highway	Altered	A
1 Potter Road	Altered	A
461 Dairy Flat Highway	Altered	A
1 Hobson Road	Altered	A
2 Stevensons Crescent	Altered	A
792 Dairy Flat Highway	Altered	A
459 Dairy Flat Highway	Altered	A
668 Dairy Flat Highway	Altered	A
448 Dairy Flat Highway	Altered	A

345 Dairy Flat Highway	Altered	A
347 Dairy Flat Highway	Altered	A
310 Dairy Flat Highway	Altered	A
641 Dairy Flat Highway	Altered	A
316 Dairy Flat Highway	Altered	A
4 Foley Quarry Road	Altered	A
11 Hobson Road	Altered	A
785 Dairy Flat Highway	Altered	A
530 Dairy Flat Highway	Altered	A
442 Dairy Flat Highway	Altered	A
507 Dairy Flat Highway	Altered	A
10 Potter Road	Altered	A
733 Dairy Flat Highway	Altered	A
12 Agnew Place	Altered	A
23 Agnew Place	Altered	A
12 Coatesville-Riverhead Highway	Altered	A
8 Stevensons Crescent	Altered	A
481 Dairy Flat Highway	Altered	A
528 Dairy Flat Highway	Altered	A
619 Dairy Flat Highway	Altered	A
655 Dairy Flat Highway	Altered	A
6 Agnew Place	Altered	A
406 Dairy Flat Highway	Altered	A
738 Dairy Flat Highway	Altered	A
169 Foley Quarry Road	Altered	A
770 Dairy Flat Highway	Altered	A
4 Agnew Place	Altered	A
783 Dairy Flat Highway	Altered	A

505 Dairy Flat Highway	Altered	A
8 Agnew Place	Altered	A
761A Dairy Flat Highway	Altered	A
2 Agnew Place	Altered	A
471 Dairy Flat Highway	Altered	A
121 Foley Quarry Road	Altered	A
17 Lomas Way	Altered	A
3 Potter Road	Altered	A
3 Foley Quarry Road	Altered	A
748 Dairy Flat Highway	Altered	A
18 Albany Heights Road	Altered	A
16 Hobson Heights Road	Altered	A
18 Hobson Heights Road	Altered	A
33 Foley Quarry Road	Altered	A
19 Lomas Way	Altered	A
10 Hobson Heights Road	Altered	A
26 Coatesville-Riverhead Highway	Altered	A
557 Dairy Flat Highway	Altered	A
21 Agnew Place	Altered	A
38 Lomas Way	Altered	A
508B Dairy Flat Highway	Altered	A
10 Agnew Place	Altered	A
16 Durey Road	Altered	A
555 Dairy Flat Highway	Altered	A
30 Coatesville-Riverhead Highway	Altered	A
508A Dairy Flat Highway	Altered	A
731 Dairy Flat Highway	Altered	A
785 Dairy Flat Highway	Altered	A

12 Durey Road	Altered	A
623A Dairy Flat Highway	Altered	A
185 Kennedy Road	Altered	A
807 Dairy Flat Highway	Altered	A
41 Durey Road	Altered	A
823 Dairy Flat Highway	Altered	A
11 Durey Road	Altered	A

Appendix F – Auckland Transport’s Modifications to NoR 10 conditions (clean)

[XXXX] Upgrade to Wainui Road

Designation Number	[XXXX]
Requiring Authority	Auckland Transport
Location	Wainui Road between Lysnar Road in Wainui and the State Highway 1 northbound Wainui Road offramp
Lapse Date	In accordance with section 184(1)(c) of the RMA, this designation shall lapse if not given effect to within 20 years from the date on which it is included in the AUP.

Purpose

The construction, operation and maintenance of an upgrade to Wainui Road to an arterial transport corridor and associated facilities.

Conditions

Abbreviations and definitions

Acronym/Term	Definition
Activity sensitive to noise	Any dwelling, visitor accommodation, boarding house, marae, papakāinga, integrated residential development, retirement village, supported residential care, care centre, lecture theatre in a tertiary Education Facility, classroom in an Education Facility and healthcare facility with an overnight stay facility
AUP	Auckland Unitary Plan
BPO or Best Practicable Option	Has the same meaning as in section 2 of the RMA 1991
CEMP	Construction Environmental Management Plan
Certification of material changes to management plans	Confirmation from the Manager that a material change to a management plan has been prepared in accordance with the condition to which it relates. A material change to a management plan shall be deemed certified: (a) where the Requiring Authority has received written confirmation from the Manager that the material change to the management plan is certified; or (b) 10 working days from the submission of the material change to the management plan where no written confirmation of certification has been received
CMP	Cultural Monitoring Plan
CNVMP	Construction Noise and Vibration Management Plan
CNVMP Schedule or Schedule	A schedule to the CNVMP
Completion of Construction	When construction of the project (or part of the project) is complete and it is available for use
Confirmed Biodiversity Areas	Areas recorded in the Identified Biodiversity Area Schedule where the ecological values and effects have been confirmed through the ecological survey under Condition 27
Construction Works	Activities undertaken to construct the project excluding Enabling Works
Council	Auckland Council
CTMP	Construction Traffic Management Plan

Developer	Any legal entity that intends to master plan or develop land adjacent to the designation
Development Agency	Public entities involved in development projects
Education Facility	Facility used for education to secondary level. Includes: - schools and outdoor education facilities; and - accommodation, administrative, cultural, religious, health, retail and communal facilities accessory to the above. Excludes: - care centres; and - tertiary education facilities.
EIANZ Guidelines	Ecological Impact Assessment: EIANZ Guidelines for use in New Zealand: terrestrial and freshwater ecosystems, second edition, dated May 2018
EMP	Ecological Management Plan
Enabling Works	Includes, but is not limited to, the following and similar activities: (a) geotechnical investigations (including trial embankments); (b) archaeological site investigations; (c) formation of access for geotechnical investigations; (d) establishment of site yards, site entrances and fencing; (e) constructing and sealing site access roads; (f) demolition or removal of buildings and structures; (g) relocation of services; and (h) establishment of mitigation measures (such as erosion and sediment control measures, temporary noise walls, earth bunds and planting)
HHMP	Historic Heritage Management Plan
HNZPT	Heritage New Zealand Pouhere Taonga
HNZPTA	Heritage New Zealand Pouhere Taonga Act 2014
Identified Biodiversity Area	Means an area or areas of features of ecological value where the project ecologist has identified that the project will potentially have a moderate or greater level of ecological effect, prior to implementation of impact management measures, as determined in accordance with the EIANZ Guidelines
Manager	The Manager – Resource Consents of the Auckland Council, or authorised delegate
Mana Whenua	Mana Whenua as referred to in the conditions are considered to be, but not limited to, the following (in no particular order), who at the time of Notice of Requirement expressed a desire to be involved in the project: (a) Ngāti Manuhiri (b) Te Kawerau ā Maki (c) Te Ākitai Waiohū (d) Ngāti Whanaunga (e) Te Runanga o Ngāti Whātua (f) Ngāti Maru (g) Te Patu Kirikiri (h) Ngāti Whātua o Kaipara (i) Ngāti Tamaterā (j) Ngai Tai ki Tāmaki (k) Ngāti Paoa Iwi Trust (l) Ngāti Paoa Trust Board Note: other iwi not identified above may have an interest in the project and should be consulted
Network Utility Operator	Has the same meaning as set out in section 166 of the RMA
NIMP	Network Integration Management Plan

NoR	Notice of Requirement
North Growth Area	Land for future urban development in the North of Auckland, including Future Urban zoned areas in Ara Hills, Ōrewa, Wainui East, Silverdale West, Redvale and Dairy Flat
NUMP	Network Utilities Management Plan
Outline Plan	An outline plan prepared in accordance with section 176A of the RMA
Project Liaison Person	The person or persons appointed for the duration of the project's Construction Works to be the main point of contact for persons wanting information about the project or affected by the Construction Works
Protected Premises and Facilities (PPF)	Protected Premises and Facilities as defined in New Zealand Standard NZS 6806:2010: <i>Acoustics – Road-traffic noise – New and altered roads</i>
Requiring Authority	Has the same meaning as section 166 of the RMA and, for this designation is Auckland Transport
RMA	Resource Management Act 1991
SCEMP	Stakeholder Communication and Engagement Management Plan
Stakeholder	Stakeholders to be identified in accordance with Condition 4, which may include as appropriate: (a) adjacent owners and occupiers; (b) adjacent business owners and operators; (c) central and local government bodies; (d) community groups; (e) developers; (f) development agencies; (g) Education Facilities; and (h) Network Utility Operators.
Stage of Work	Any physical works that require the development of an Outline Plan
Start of Construction	The time when Construction Works (excluding Enabling Works) start
Suitably Qualified Person	A person (or persons) who can provide sufficient evidence to demonstrate their suitability, experience and competence in the relevant field of expertise.
TMP	Tree Management Plan
ULDMP	Urban and Landscape Design Management Plan

General conditions	
1.	Activity in General Accordance with Plans and Information (a) Except as provided for in the conditions below, and subject to final design and Outline Plan(s), works within the designation shall be undertaken in general accordance with the project description and concept plan in Schedule 1. (b) Where there is inconsistency between: (i) the project description and concept plan in Schedule 1 and the requirements of the following conditions, the conditions shall prevail; (ii) the project description and concept plan in Schedule 1, and the management plans under the conditions of the designation, the requirements of the management plans shall prevail.
2.	Project Information (a) A project website, or equivalent virtual information source, shall be established as soon as reasonably practicable, and within six months of the inclusion of this designation in the AUP. This shall be updated as required so it remains current. (b) All directly affected owners and occupiers shall be notified in writing as soon as reasonably practicable once the website or equivalent information source has been established. The project website or virtual information source shall include these conditions and shall provide information on: (i) the status of the project; (ii) anticipated construction timeframes; (iii) contact details for enquiries; (iv) the implications of the designation for landowners, occupiers and business owners and operators within the designation and where they can receive additional advice; (v) a subscription service to enable receipt of project updates by email; (vi) the types of activities that can be undertaken by landowners without the need for written consent to be obtained under s176(1)(b) of the RMA; and (vii) when and how to apply for consent for works in the designation under section 176(1)(b) of the RMA. (c) At ten yearly intervals from the inclusion of this designation in the AUP until the start of detailed design, the Requiring Authority shall identify appropriate methods with the relevant Local Board(s) to: (i) inform the wider community of the project status; and (ii) raise awareness of the project website. (d) At the start of detailed design for a Stage of Work, the project website or virtual information source shall be updated to provide information on the likely date for Start of Construction, and any Staging of Works.

3.	Land use Integration Process (a) The Requiring Authority shall set up a Land use Integration Process for the period between confirmation of the designation and the Start of Construction. The purpose of this process is to encourage and facilitate the integration of master planning and land use development activity on land directly affected or adjacent to the designation. To achieve this purpose: (i) the Requiring Authority shall include the contact details of a nominated contact on the project website (or equivalent information source) required to be established by Condition 2(b)(iii); and (ii) the nominated contact shall be the main point of contact for a Developer or Development Agency wanting to work with the Requiring Authority to integrate their development plans or master planning with the designation. (b) At any time prior to the Start of Construction, the nominated contact will be available to engage with a Developer or Development Agency for the purpose of: (i) responding to requests made to the Requiring Authority for information regarding design details that could assist with land use integration; and (ii) receiving information from a Developer or Development Agency regarding master planning or land development details that could assist with land use integration. (c) Information requested or provided under Condition 3(b) above may include but not be limited to the following matters: (i) design details including but not limited to: A. boundary treatment (e.g. the use of retaining walls or batter slopes); B. the horizontal and vertical alignment of the road (levels); C. potential locations for mid-block crossings; D. integration of stormwater infrastructure; and E. traffic noise modelling contours. (ii) potential modifications to the extent of the designation in response to information received through Condition 3(b)(ii); (iii) a process for the Requiring Authority to undertake a technical review of or provide comments on any master planning or development proposal advanced by the Developer or Development Agency as it relates to integration with the project; and (iv) details of how to apply for written consent from the Requiring Authority for any development proposal that relates to land that is within the designation under section 176(1)(b) of the RMA. (d) Where information is requested from the Requiring Authority and is available, the nominated contact shall provide the information unless there are reasonable grounds for not providing it. (e) The nominated contact shall maintain a record of the engagement between the Requiring Authority and Developers and Development Agencies for the period following the date in which this designation is included in the AUP through to the Start of Construction for a Stage of Work. The record shall include: (i) details of any requests made to the Requiring Authority that could influence detailed design, the results of any engagement and, where such requests that could influence detailed design are declined, the reasons why the Requiring Authority has declined the requests; and (ii) details of any requests to co-ordinate the forward work programme, where appropriate, with Development Agencies and Network Utility Operators. (f) The record shall be submitted to Council for information 10 working days prior to the Start of Construction for a Stage of Work.

4.	Stakeholder Communication and Engagement Design (a) At least six months prior to the start of detailed design for a Stage of Work, the Requiring Authority shall identify: (i) a list of Stakeholders; (ii) a list of properties within the designation which the Requiring Authority does not own or have occupation rights to; and (iii) methods to engage with Stakeholders and the owners and occupiers of properties identified in (a)(i) – (ii) above. (b) A record of (a) shall be submitted to the Manager for information with an Outline Plan for the relevant Stage of Work.
5.	Designation Review As soon as reasonably practicable following Completion of Construction, the Requiring Authority shall: (i) review the extent of the designation to identify any areas of designated land that it no longer requires for the on-going operation, maintenance or mitigation of effects of the project; and (ii) give notice to the Manager in accordance with section 182 of the RMA for the removal of those parts of the designation identified above.
6.	Lapse In accordance with section 184(1)(c) of the RMA, this designation shall lapse if not given effect to within 20 years from the date on which it is included in the AUP.
7.	Network Utility Operators (Section 176 Approval) (a) Prior to the Start of Construction, Network Utility Operators with existing infrastructure located within the designation will not require written consent under section 176 of the RMA for the following activities: (i) operation, maintenance and repair works; (ii) minor renewal works to existing network utilities necessary for the on-going provision or security of supply of network utility operations; (iii) minor works such as new service connections; and (iv) the upgrade and replacement of existing network utilities in the same location with the same or similar effects on the works authorised by the designation as the existing utility. (b) To the extent that a record of written approval is required for the activities listed above, this condition shall constitute written approval.
8.	General Section 176 Approval (a) Prior to the start of the formal acquisition process under the Public Works Act 1981 for a property, or submission of the Outline Plan, persons on properties zoned Rural or Future Urban will not require written consent under section 176 of the RMA for the following activities: (i) Internal alterations; (ii) Repair of existing utility services; (iii) One extension to an existing structure as at 2023, up to 30m²; (iv) Temporary or relocatable structures, provided they are removed from the site and the land is reinstated (including closing and capping any associated services) at the landowner's expense prior to the Start of Construction. The landowner shall be responsible for any resource consent required for the structures, their removal or relocation. (b) To the extent that a record of written approval is required for the activities listed above, this condition shall constitute written approval.
Pre-construction conditions	

9.	Outline Plan (a) An Outline Plan (or Plans) shall be prepared in accordance with section 176A of the RMA. (b) Outline Plans (or Plan) may be submitted in parts or in stages to address particular activities (e.g. design or construction aspects), or a Stage of Work of the project. (c) Outline Plans shall include any management plan or plans that are relevant to the management of effects of those activities or Stage of Work, which may include: (i) Construction Environmental Management Plan; (ii) Construction Traffic Management Plan; (iii) Construction Noise and Vibration Management Plan; (iv) Urban and Landscape Design Management Plan; (v) Historic Heritage Management Plan; (vi) Ecological Management Plan; (vii) Tree Management Plan; (viii) Network Utilities Management Plan; and (ix) Network Integration Management Plan.
	Flood Hazard For the purpose of Condition 10: (a) AEP – means Annual Exceedance Probability; (b) Existing Authorised Habitable Floor – means the floor level of any room (floor) in a residential building which is authorised and exists at the time the Outline Plan is submitted, excluding a laundry, bathroom, toilet or any room used solely as an entrance hall, passageway or garage; (c) Flood Prone Area – means potential ponding areas that may flood in a 1% AEP event and commonly comprise of topographical depression areas. The areas can occur naturally or as a result of constructed features. Identification of a potential Flood Prone Area would be by an assessment of residual flood risk in a 1% AEP event (e.g. from blockage of the project stormwater network) on land outside and adjacent to the designation following the application of Conditions (10)(a)(i) – (iv). (d) Maximum Probable Development – is the design case for consideration of future flows allowing for development within a catchment that takes into account the maximum impervious surface limits of the current zone or if the land is zoned Future Urban in the AUP, the probable level of development arising from zone changes; (e) Pre-Project Development – means existing site condition prior to the project (including existing buildings and roadways); and (f) Post-Project Development – means site condition after the project has been completed (including existing and new buildings and roadways).

10.	Flood Hazard (a) The project shall be designed to achieve the following flood risk outcomes beyond the boundary of the designation: (i) no increase in flood levels in a 1% AEP event for Existing Authorised Habitable Floors that are already subject to flooding or have a freeboard less than 500mm; (ii) no increase in flood levels in a 1% AEP event for authorised community, commercial, industrial and network utility building floors existing at the time the Outline Plan is submitted that are already subject to flooding or have a freeboard less than 300mm; (iii) maximum of 50mm increase in flood levels in a 1% AEP event outside and adjacent to the designation boundary between the Pre-Project Development and Post-Project Development scenarios; (iv) no increase of Flood Hazard Class for the main access to authorised habitable dwellings existing at the time the Outline Plan is submitted. The assessment shall be undertaken for the 1% AEP rainfall event and reference the hazard class in accordance with Schedule 2 to these conditions; and (v) no new Flood Prone Areas. (b) Compliance with this condition shall be demonstrated in the Outline Plan, which shall include flood modelling of the Pre-Project Development and Post-Project Development 1% AEP flood levels (for Maximum Probable Development land use with allowances for climate change). (c) Where: (i) the flood risk outcomes in (a) can be achieved through alternative measures outside of the designation such as flood stop banks, flood walls, raising Existing Authorised Habitable Floor level and new overland flow paths; or (ii) the outcomes are varied at specific location(s) through agreement with the relevant landowner, confirmation shall be provided to the Manager that any necessary landowner agreement and statutory approvals have been obtained for that alternative measure or varied outcome.
11.	Existing property access Prior to submission of the Outline Plan, consultation shall be undertaken with landowners and occupiers whose vehicle access to their property will be altered by the project. The Outline Plan shall demonstrate how safe reconfigured or alternate access will be provided, unless otherwise agreed with the affected landowner.

12.	Management Plans (a) Any management plan shall: (i) be prepared and implemented in accordance with the relevant management plan condition; (ii) be prepared by a Suitably Qualified Person(s); (iii) include sufficient detail relating to the management of effects associated with the relevant activities and/or Stage of Work to which it relates; (iv) be submitted as part of an Outline Plan pursuant to section 176A of the RMA, with the exception of SCEMPs and CNVMP Schedules; and (v) once finalised, uploaded to the project website or equivalent virtual information source. (b) Any management plan developed in accordance with Condition 12 may: (i) be submitted in parts or in stages to address particular activities (e.g. design or construction aspects), a Stage of Work of the project, or to address specific activities authorised by the designation; and (ii) except for material changes, be amended to reflect any changes in design, construction methods or management of effects without further process; (c) Information shall be submitted with the management plan (or revised plan as referred to in (d) below) which summarises outcomes of consultation and any input received from Mana Whenua and Stakeholders as required by the relevant management plan condition. The summary shall note how this input has been incorporated or reflected in the management plan, or if not, the reasons why; (d) If there is a material change required to a management plan which has been submitted with an Outline Plan, the revised part of the plan shall be submitted to the Manager as an update to the Outline Plan or for Certification as soon as practicable following identification of the need for a revision; and (e) Any material changes to the SCEMP(s) are to be submitted to the Manager for information.
13.	Stakeholder Communication and Engagement Management Plan (SCEMP) (a) A SCEMP shall be prepared in consultation with relevant Stakeholders prior to the Start of Construction. The objective of the SCEMP is to identify how the public and Stakeholders will be engaged with throughout Construction Works. (b) To achieve the objective, the SCEMP shall include: (i) a list of Stakeholders; (ii) the contact details for the Project Liaison Person. These details shall be on the project website, or equivalent virtual information source, and prominently displayed at the main entrance(s) to the site(s); (iii) methods for engaging with Mana Whenua, to be developed in consultation with Mana Whenua; (iv) methods and timing to engage with owners and occupiers whose access is directly affected; (v) methods to communicate key project milestones and the proposed hours of construction activities including outside of normal working hours and on weekends and public holidays, to the parties identified in (b)(i) above; and (vi) linkages and cross-references to communication and engagement methods set out in other conditions and management plans where relevant. (c) Any SCEMP prepared for a Stage of Work shall be submitted to the Manager for information a minimum of 10 working days prior to the Start of Construction for a Stage of Work.

14.	Cultural Advisory Report (a) At least six months prior to the start of detailed design for a Stage of Work, Mana Whenua shall be invited to prepare a Cultural Advisory Report for the project. The objective of the Cultural Advisory Report is to assist in understanding and identifying ngā taonga tuku iho (treasures handed down by our ancestors) affected by the project, to inform their management and protection. (b) To achieve the objective, the Requiring Authority shall invite Mana Whenua to prepare a Cultural Advisory Report that: (i) identifies the cultural sites, landscapes and values that have the potential to be affected by the construction and operation of the project; (ii) sets out the desired outcomes for management of potential effects on cultural sites, landscapes and values; (iii) identifies traditional cultural practices within the area that may be impacted by the project; (iv) identifies opportunities for restoration and enhancement of identified cultural sites, landscapes and values within the project area; (v) taking into account the outcomes of (i) to (iv) above, identify cultural matters and principles that should be considered in the development of the ULDMP (Condition 15) and HHMP (Condition 26) and the CMP referred to in Condition 20; and (vi) identifies and (if possible) nominates traditional names along the project alignment. Noting there may be formal statutory processes outside the project required in any decision-making. (c) The desired outcomes for management of potential effects on cultural sites, landscapes and values identified in the Cultural Advisory Report shall be discussed with Mana Whenua and those outcomes reflected in the relevant management plans where practicable; and (d) Conditions 14(b) and (c) will cease to apply if: (i) Mana Whenua have been invited to prepare a Cultural Advisory Report by a date at least six months prior to the Start of Construction; and (ii) Mana Whenua have not provided a Cultural Advisory Report within six months prior to the Start of Construction.
	Urban and Landscape Design Management Plan (ULDMP)
15.	(a) A ULDMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the ULDMP(s) is to: (i) enable integration of the project's permanent works into the surrounding landscape and urban context; and (ii) ensure that the project manages potential adverse landscape and visual effects as far as practicable and contributes to a quality urban environment. (b) Mana Whenua shall be invited to participate in the development of the ULDMP(s) to provide input into relevant cultural landscape and design matters including how desired outcomes for management of potential effects on cultural sites, landscapes and values identified and discussed in the Cultural Advisory Report in Condition 14 may be reflected in the ULDMP. (c) Relevant Stakeholders shall be invited to participate in the development of the ULDMP at least six months prior to the start of detailed design for a Stage of Work.

16.	(a) To achieve the objective set out in Condition 15, the ULDMP(s) shall provide details of how the project: (i) is designed to integrate with the adjacent urban (or proposed urban) and landscape context, including the surrounding existing or proposed topography, urban environment (eg. centres and density of built form), natural environment, landscape character and open space zones; (ii) provides appropriate walking and cycling connectivity to, and interfaces with, existing or proposed adjacent land uses, public transport infrastructure and walking and cycling connections; (iii) promotes inclusive access (where appropriate); (iv) promotes a sense of personal safety by aligning with best practice guidelines, such as: A. Crime Prevention Through Environmental Design (CPTED) principles; B. Safety in Design (SID) requirements; and C. Maintenance in Design (MID) requirements and anti-vandalism/anti-graffiti measures; (v) has responded to matters identified through the Land use Integration Process (Condition 3); and (b) The ULDMP shall be prepared in general accordance with: (i) Auckland Transport's Urban Roads and Streets Design Guide, or any subsequent or updated version; (ii) New Zealand Transport Agency Urban Design Guidelines: Bridging the Gap (2013) or any subsequent updated version; (iii) New Zealand Transport Agency Landscape Guidelines (2018) or any subsequent updated version; (iv) New Zealand Transport Agency P39 Standard Specification for Highway Landscape Treatments (2013) or any subsequent updated version; and (v) Auckland's Urban Ngahere (Forest) Strategy or any subsequent updated version.

17.	The ULDMP(s) shall include: (a) a concept plan – which depicts the overall landscape and urban design concept, and explain the rationale for the landscape and urban design proposals; (b) developed design concepts, including principles for walking and cycling facilities and public transport; (c) landscape and urban design details – that cover the following: (i) road design – elements such as intersection form, carriageway gradient and associated earthworks contouring including cut and fill batters and the interface with adjacent land uses and existing roads (including slip lanes), benching, spoil disposal sites, median width and treatment, roadside width and treatment; (ii) roadside elements – such as lighting, fencing, wayfinding and signage; (iii) architectural and landscape treatment of all major structures, including bridges and retaining walls; (iv) architectural and landscape treatment of noise barriers; (v) landscape treatment and planting of permanent stormwater control wetlands and swales; (vi) integration of passenger transport; (vii) pedestrian and cycle facilities including paths, road crossings and dedicated pedestrian/ cycle bridges or underpasses; (viii) historic heritage places with reference to the HHMP (Condition 26); and (ix) re-instatement of construction and site compound areas; and (x) features disturbed during construction and intended to be reinstated such as: A. boundary features; B. driveways; C. accessways; and D. fences. (d) the ULDMP shall also include the following planting and maintenance details: (i) planting design details including: A. identification of existing trees and vegetation that will be retained with reference to the TMP (Condition 29) (where relevant) and EMP (Condition 28). Where practicable, mature trees and native vegetation should be retained; B. street trees, shrubs and ground cover suitable for the location; C. treatment of fill slopes to integrate with adjacent land use, streams, riparian margins and open space zones; D. identification of any planting requirements under the EMP (Condition 28) and TMP (Condition 29); E. integration of any planting required by conditions of any resource consents for the project; and F. re-instatement planting of construction and site compound areas as appropriate. (ii) a planting programme including the staging of planting in relation to the construction programme which shall, as far as practicable, include provision for planting within each planting season following completion of each Stage of Work; and (iii) detailed specifications relating to the following: A. weed control and clearance; B. pest animal management (to support plant establishment); C. ground preparation (top soiling and decompaction); D. mulching; and E. plant sourcing and planting, including hydroseeding and grassing, and use of eco-sourced species.
Construction conditions	

18.	Construction Environmental Management Plan (CEMP) (a) A CEMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the CEMP is to set out the management procedures and construction methods to be undertaken to avoid, remedy or mitigate any adverse effects associated with Construction Works as far as practicable. (b) To achieve the objective, the CEMP shall include: (i) the roles and responsibilities of staff and contractors; (ii) details of the site or project manager and the Project Liaison Person, including their contact details (phone and email address); (iii) the Construction Works programmes and the staging approach, and the proposed hours of work; (iv) details of the proposed construction yards including temporary screening when adjacent to residential areas; (v) details of the proposed construction lighting; (vi) methods for controlling dust and the removal of debris and demolition of construction materials from public roads or places; (vii) methods for providing for the health and safety of the general public; (viii) measures to mitigate flood hazard effects such as siting stockpiles out of floodplains, minimising obstruction to flood flows, actions to respond to warnings of heavy rain; (ix) procedures for incident management; (x) location and procedures for the refuelling and maintenance of plant and equipment to avoid discharges of fuels or lubricants to watercourses; (xi) 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; (xii) procedures for responding to complaints about Construction Works; and (xiii) methods for amending and updating the CEMP as required.
19.	Complaints Process (a) At all times during Construction Works, a record of any complaints received about the Construction Works shall be maintained. The record shall include: (i) the date, time and nature of the complaint; (ii) the name, phone number and address of the complainant (unless the complainant wishes to remain anonymous); (iii) measures taken to respond to the complaint (including a record of the response provided to the complainant) or confirmation of no action if deemed appropriate; (iv) the outcome of the investigation into the complaint; and (v) any other activities in the area, unrelated to the project that may have contributed to the complaint, such as non-project construction, fires, traffic accidents or unusually dusty conditions generally. (b) A copy of the complaints record required by this condition shall be made available to the Manager upon request as soon as practicable after the request is made.

20.	Cultural Monitoring Plan (CMP) (a) Prior to the Start of Construction, a CMP shall be prepared by a Suitably Qualified Person(s) identified in collaboration with Mana Whenua. The objective of the CMP is to identify methods for undertaking cultural monitoring to assist with management of any cultural effects during Construction Works. (b) To achieve the objective, the CMP shall include: (i) requirements for formal dedication or cultural interpretation to be undertaken prior to the Start of Construction in areas identified as having significance to Mana Whenua; (ii) requirements and protocols for cultural inductions for contractors and subcontractors; (iii) identification of activities, sites and areas where cultural monitoring is required during particular Construction Works; (iv) identification of personnel to undertake cultural monitoring, including any geographic definition of their responsibilities; and (v) details of personnel to assist with management of any cultural effects identified during cultural monitoring, including implementation of the Accidental Discovery Protocol. (c) If Enabling Works involving soil disturbance are undertaken prior to the Start of Construction, an Enabling Works CMP shall be prepared by a Suitably Qualified Person identified in collaboration with Mana Whenua. This plan may be prepared as a standalone Enabling Works CMP or be included in the main Construction Works CMP. Advice note: Where appropriate, the CMP shall align with the requirements of other conditions of the designation and resource consents for the project which require monitoring during Construction Works.

21.	Construction Traffic Management Plan (CTMP) (a) A CTMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the CTMP is to avoid, remedy or mitigate, as far as practicable, adverse construction traffic effects. (b) To achieve this objective, the CTMP shall include: (i) methods to manage the effects of temporary traffic management activities on traffic; (ii) measures to ensure the safety of all transport users; (iii) the estimated numbers, frequencies, routes and timing of traffic movements, including any specific non-working or non-movement hours to manage vehicular and pedestrian traffic near Education Facilities or to manage traffic congestion; (iv) site access routes and access points for heavy vehicles, the size and location of parking areas for plant, construction vehicles and the vehicles of workers and visitors; (v) identification of detour routes and other methods to ensure the safe management and maintenance of traffic flows, including public transport, pedestrians and cyclists; (vi) methods to maintain access to and within property and/or private roads where practicable, or to provide alternative arrangements when it will not be, including details of how access is managed for loading and unloading of goods; (vii) the management approach to loads on heavy vehicles, including covering loads of fine material, the use of wheel-wash facilities at site exit points and the timely removal of any material deposited or spilled on public roads; (viii) methods that will be undertaken to communicate traffic management measures to affected road users (e.g. residents / public / Stakeholders / emergency services); (ix) details of minimum network performance parameters during the construction phase, including any measures to monitor compliance with the performance parameters; and (x) details of any measures proposed to be implemented in the event of thresholds identified in (ix) being exceeded. (c) Auditing, monitoring and reporting requirements relating to traffic management activities shall be undertaken in accordance with the New Zealand Guide to Temporary Traffic Management (April 2023) or any subsequent version.

22.

Construction Noise Standards

(a) Construction noise shall be measured and assessed in accordance with NZS6803:1999 Acoustics – Construction Noise and shall comply with the noise standards set out in the following table as far as practicable:

Table 22-1 Construction Noise Standards

Day of week	Time period	L _{Aeq} (15min)	L _{AFmax}
Occupied activity sensitive to noise			
Weekday	0630h - 0730h	55 dB	75 dB
	0730h - 1800h	70 dB	85 dB
	1800h - 2000h	65 dB	80 dB
	2000h - 0630h	45 dB	75 dB
Saturday	0630h - 0730h	45 dB	75 dB
	0730h - 1800h	70 dB	85 dB
	1800h - 2000h	45 dB	75 dB
	2000h - 0630h	45 dB	75 dB
Sunday and Public Holidays	0630h - 0730h	45 dB	75 dB
	0730h - 1800h	55 dB	85 dB
	1800h - 2000h	45 dB	75 dB
	2000h - 0630h	45 dB	75 dB
Other occupied buildings			
All	0730h – 1800h	70 dB	
	1800h – 0730h	75 dB	

(b) Where compliance with the noise standards set out in Table 22-1 is not practicable, the methodology in Condition 25 shall apply.

23.

Construction Vibration Standards

(a) Construction vibration shall be measured in accordance with ISO 4866:2010 Mechanical vibration and shock – Vibration of fixed structures – Guidelines for the measurement of vibrations and evaluation of their effects on structures and shall comply with the vibration standards set out in the following table as far as practicable.

Table 23-1 Construction Vibration Standards

Receiver	Details	Category A*	Category B**
Occupied activities sensitive to noise	Night-time 2000h - 0630h	0.3mm/s ppv	2mm/s ppv
	Daytime 0630h - 2000h	2mm/s ppv	5mm/s ppv
Other occupied buildings	Daytime 0630h - 2000h	2mm/s ppv	5mm/s ppv
All other buildings	At all other times	Tables 1 and 3 of DIN4150-3:1999	

* Category A criteria adopted from Rule E25.6.30.1 of the AUP

** Category B criteria based on DIN 4150-3:1999 building damage criteria for daytime

(b) Where compliance with the vibration standards set out in Table 23-1 is not practicable, the methodology in Condition 25 shall apply.

24.	Construction Noise and Vibration Management Plan (CNVMP) (a) A CNVMP shall be prepared prior to the Start of Construction for Stage of Work. A CNVMP shall be implemented during the Stage of Work to which it relates. The objective of the CNVMP is to provide a framework for the development and implementation of the Best Practicable Option for the management of construction noise and vibration effects to achieve the construction noise and vibration standards set out in Conditions 22 and 23 to the extent practicable. (b) To achieve the objective, the CNVMP shall be prepared in accordance with Annex E2 of the New Zealand Standard NZS6803:1999 'Acoustics – Construction Noise' (NZS6803:1999) and shall as a minimum, address the following: (i) description of the works and anticipated equipment/processes; (ii) hours of operation, including times and days when construction activities would occur; (iii) the construction noise and vibration standards for the project; (iv) identification of receivers where noise and vibration standards apply; (v) a hierarchy of management and mitigation options, including any requirements to limit night works and works during other sensitive times, including Sundays and public holidays as far as practicable; (vi) methods and frequency for monitoring and reporting on construction noise and vibration; (vii) procedures for communication and engagement with nearby residents and Stakeholders, including notification of proposed construction activities, the period of construction activities, and management of noise and vibration complaints; (viii) contact details of the Project Liaison Person; (ix) procedures for the regular training of the operators of construction equipment to minimise noise and vibration as well as expected construction site behaviours for all workers; (x) procedures and requirements for the preparation of a Schedule to the CNVMP (Schedule) for those areas where compliance with the noise Condition 22 and/or vibration standards Condition 23 Category B will not be practicable; (xi) identification of trigger levels for undertaking building condition surveys, which shall be Category B day time levels; (xii) procedures and trigger levels for undertaking building condition surveys before and after works to determine whether any cosmetic or structural damage has occurred as a result of construction vibration; (xiii) methodology and programme of desktop and field audits and inspections to be undertaken to ensure that the CNVMP, Schedules and the Best Practicable Option for management of effects are being implemented; and (xiv) requirements for review and update of the CNVMP.

25.	Schedule to a CNVMP (a) A Schedule to the CNVMP (Schedule) shall be prepared prior to the Start of Construction of an activity to which it relates by a Suitably Qualified Person, in consultation with the owners and occupiers of sites subject to the Schedule, when: (i) construction noise is either predicted or measured to exceed the noise standards in Condition 22, except where the exceedance of the L_{Aeq} criteria is no greater than 5 decibels and does not exceed: A. 0630 – 2000: 2 periods of up to 2 consecutive weeks in any 2 months; or B. 2000 - 0630: 1 period of up to 2 consecutive nights in any 10 days; (ii) construction vibration is either predicted or measured to exceed the Category B standard at the receivers in Condition 23. (b) The objective of the Schedule is to set out the Best Practicable Option measures to manage noise and/or vibration effects of the construction activity beyond those measures set out in the CNVMP. (c) To achieve the objective, the Schedule shall include details such as: (i) construction activity location, start and finish dates; (ii) the nearest neighbours to the construction activity; (iii) the predicted noise and/or vibration level for all receivers where the levels are predicted or measured to exceed the applicable standards and predicted duration of the exceedance; (iv) for works proposed between 2000h and 0630h, the reasons why the proposed works must be undertaken during these hours and why they cannot be practicably undertaken during the daytime; (v) the proposed mitigation options that have been selected, and the options that have been discounted as being impracticable and the reasons why; (vi) the consultation undertaken with owners and occupiers of sites subject to the Schedule, and how consultation has and has not been taken into account; and (vii) location, times and types of monitoring. (d) The Schedule shall be submitted to the Manager for Certification at least five working days (except in unforeseen circumstances) in advance of Construction Works that are covered by the scope of the Schedule and shall form part of the CNVMP. (e) The CNVMP Schedule shall be deemed certified five working days from the submission of the CNVMP Schedule where no written confirmation of Certification has been received. (f) Where material changes are made to a Schedule required by this condition, the Requiring Authority shall consult the owners and/or occupiers of sites subject to the Schedule prior to submitting the amended Schedule to the Manager for Certification in accordance with (d) above. The amended Schedule shall document the consultation undertaken with those owners and occupiers, and how consultation outcomes have and have not been taken into account.

26.	Historic Heritage Management Plan (HHMP) (a) A HHMP shall be prepared in consultation with Council, HNZPT and Mana Whenua prior to the Start of Construction for a Stage of Work. The objective of the HHMP is to protect historic heritage and to remedy and mitigate any residual effects as far as practicable. (b) To achieve the objective, the HHMP shall identify: (i) any adverse direct and indirect effects on historic heritage sites and measures to appropriately avoid, remedy or mitigate any such effects, including a tabulated summary of these effects and measures; (ii) methods for the identification and assessment of potential historic heritage places within the designation to inform detailed design; (iii) known historic heritage places and potential archaeological sites within the designation, including identifying any archaeological sites for which an Archaeological Authority under the HNZPTA will be sought or has been granted; (iv) any unrecorded archaeological sites or post-1900 heritage sites within the designation, which shall also be documented and recorded; (v) roles, responsibilities and contact details of project personnel, Council and HNZPT representatives, Mana Whenua representatives, and relevant agencies involved with heritage and archaeological matters including surveys, monitoring of Construction Works, compliance with AUP accidental discovery rule, and monitoring of conditions; (vi) specific areas to be investigated, monitored and recorded to the extent these are directly affected by the project; (vii) the proposed methodology for investigating and recording post-1900 historic heritage sites (including buildings) that need to be destroyed, demolished or relocated, including details of their condition, measures to mitigate any adverse effects and timeframe for implementing the proposed methodology, in accordance with the HNZPT Archaeological Guidelines Series No.1: Investigation and Recording of Buildings and Standing Structures (November 2018), or any subsequent version; (viii) methods to acknowledge cultural values identified through Condition 14 where archaeological sites also involve ngā taonga tuku iho (treasures handed down by our ancestors) and where feasible and practicable to do so; (ix) methods for avoiding, remedying or mitigating adverse effects on historic heritage places and sites within the designation during Construction Works as far as practicable. These methods shall include, but are not limited to: A. security fencing or hoardings around historic heritage places to protect them from damage during construction or unauthorised access; B. measures to mitigate adverse effects on historic heritage sites that achieve positive historic heritage outcomes such as increased public awareness and interpretation signage; and C. training requirements and inductions for contractors and subcontractors on historic heritage places within the designation, legal obligations relating to unexpected discoveries and the AUP Accidental Discovery Rule (E11.6.1). The training shall be undertaken prior to the Start of Construction, under the guidance of a Suitably Qualified Person and Mana Whenua representatives (to the extent the training relates to cultural values identified under Condition 14). Advice note: Accidental Discoveries The requirements for accidental discoveries of heritage items are set out in Rule E11.6.1 of the AUP.

27.	Pre-Construction Ecological Survey (a) At the start of detailed design for a Stage of Work, an updated ecological survey shall be undertaken in the relevant geographic area by a Suitably Qualified Person. The purpose of the survey is to inform ecological management by: (i) confirming whether the species of value within the Identified Biodiversity Areas recorded in the Identified Biodiversity Area Schedule 3 are still present; and (ii) confirming whether the project will or is likely to have a moderate or greater level of ecological effect on species of value (prior to implementation of impact management measures). The level of effect shall be determined in accordance with Table 10 of the EIANZ Guidelines (or subsequent updated version of that table) as included in Schedule 4 of these conditions. (b) If the ecological survey confirms the presence of ecological species of value in accordance with Condition 27(a)(i) and that effects are likely in accordance with Condition 27(a)(ii) then an Ecological Management Plan (or Plans) shall be prepared in accordance with Condition 28 for these areas (Confirmed Biodiversity Areas).

28.	Ecological Management Plan (EMP) (a) An EMP shall be prepared for any Confirmed Biodiversity Areas (confirmed through Condition 27) prior to the Start of Construction for a Stage of Work. The objective of the EMP is to minimise effects of the project on the ecological features of value in Confirmed Biodiversity Areas as far as practicable. (b) If an EMP is required in accordance with (a) for the presence of long tail bats, the EMP may include the following to achieve the objective: (i) measures to minimise as far as practicable, disturbance from construction activities within 50m of any active long tail bat roosts that are discovered through survey until such roosts are confirmed to be vacant of bats; (ii) timing of any Construction Works within 50m of any active maternity long tail bat roosts. Those Construction Works shall be undertaken outside the bat maternity period (between December and March) where reasonably practicable; (iii) details of areas where vegetation is to be retained and where additional planting is proposed to be provided and maintained for the purposes of the connectivity of long tail bat habitats; and (iv) details of measures to minimise any operational disturbance from light spill. (c) If an EMP is required in accordance with (a) for the presence of Threatened or At-Risk birds (excluding wetland birds), the EMP may include the following to achieve the objective: (i) timing of any Construction Works which may have adverse effects on Threatened or At-Risk birds (excluding wetland birds). Those Construction Works shall be undertaken outside the bird breeding season (September to February) where practicable; and (ii) where works are required within the area identified in the Confirmed Biodiversity Area during the bird breeding season, methods to minimise adverse effects on Threatened or At-Risk birds. (d) If an EMP is required in accordance with (a) for the presence of Threatened or At-Risk wetland birds, the EMP may include the following to achieve the objective: (i) details of any nesting bird surveys of Threatened or At-Risk wetland birds. Nesting bird surveys shall be undertaken within any wetland that is both within a Confirmed Biodiversity Area and located within a 50m radius of Construction Works. Surveys shall be undertaken prior to any such works taking place and repeated at the beginning of each wetland bird breeding season until the Completion of Construction; (ii) timing of any Construction Works which may have adverse effects on Threatened or At-Risk wetland birds. Those Construction Works shall be undertaken outside of the bird breeding season (September to February) where practicable; (iii) where works are required within the Confirmed Biodiversity Area during the bird breeding season, methods to minimise adverse effects on Threatened or At-Risk wetland birds; and (iv) details of what protection and buffer measures are proposed to manage effects on nesting Threatened or At-Risk wetland birds identified through a survey undertaken in accordance with Condition (d)(i). Proposed measures shall address: A. the type, intensity and duration of construction activity; B. the likely sensitivity of the nesting bird species to the construction activity; and C. any environmental features (e.g., vegetation and contour) that could influence the extent of potential adverse effects on the Threatened or At-Risk wetland birds. (v) details of measures to minimise any operational disturbance from light spill. (e) The EMP shall be consistent with any ecological management measures to be undertaken in compliance with conditions of any regional resource consents granted for the project. Advice note:

	Depending on the potential effects of the project, the regional consents for the project may include the following monitoring and management plans: (i) stream and/or wetland restoration plans; (ii) vegetation restoration plans; and (iii) fauna management plans (e.g. avifauna).

29.	Tree Management Plan (TMP) (a) Prior to the Start of Construction for a Stage of Work, a TMP shall be prepared. The objective of the TMP is to avoid, remedy or mitigate effects of construction activities on trees identified in Schedule 5. (b) To achieve the objective, the TMP shall: (i) confirm that the trees listed in Schedule 5 still exist; and (ii) demonstrate how the design and location of project works has avoided, remedied or mitigated any effects on any tree listed in Schedule 5. This may include: A. any opportunities to relocate listed trees where practicable; B. planting to replace trees that require removal (with reference to the ULDMP planting design details in Condition 17); C. tree protection zones and tree protection measures such as protective fencing, ground protection and physical protection of roots, trunks and branches; and D. methods for work within the rootzone of trees that are to be retained in line with accepted arboricultural standards including provision of kauri dieback management measures. (iii) demonstrate how the tree management measure (outlined in A – D above) are consistent with any relevant conditions of resource consents granted for the project. (c) Where replacement planting of any tree listed in Schedule 5 is required under (b)(ii)(B) it shall be at a ratio of 2:1 for Single Trees and a minimum of like for like (in m²) for Group of Trees.
30.	Network Utility Management Plan (NUMP) (a) A NUMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the NUMP is to set out a framework for protecting, relocating and working in proximity to existing network utilities. (b) To achieve the objective, the NUMP shall include methods to: (i) provide access for maintenance at all reasonable times, or emergency works at all times during construction activities; (ii) protect and where necessary, relocate existing network utilities; (iii) manage the effects of dust and any other material potentially resulting from construction activities and able to cause material damage, beyond normal wear and tear to overhead transmission lines in the project area; (iv) demonstrate compliance with relevant standards and Codes of Practice including, where relevant, the NZECP 34:2001 New Zealand Electrical Code of Practice for Electrical Safe Distances 2001; AS/NZS 4853:2012 Electrical hazards on Metallic Pipelines, and AS/NZS 2885 Pipelines – Gas and Liquid Petroleum. (c) The NUMP shall be prepared in consultation with the relevant Network Utility Operator(s) who have existing assets that are directly affected by the project. (d) The development of the NUMP shall consider opportunities to coordinate future work programmes with other Network Utility Operator(s) during detailed design where practicable. (e) The NUMP shall describe how any comments from the Network Utility Operator in relation to its assets have been addressed. (f) Any comments received from the Network Utility Operator shall be considered when finalising the NUMP. (g) Any amendments to the NUMP related to the assets of a Network Utility Operator shall be prepared in consultation with that asset owner.

31.	Network Integration Management Plan (NIMP) (a) At least six months prior to the start of detailed design for a Stage of Work, the Requiring Authority shall prepare, in collaboration with other relevant road controlling authorities, a NIMP. (b) The objective of the NIMP is to identify how the project will integrate with the planned transport network in the North Growth Area to achieve an effective, efficient and safe land transport system. To achieve this objective, the NIMP shall include details of the: (i) project implementation approach and any staging of the project, including both design, management and operational matters; and (ii) sequencing of the project with the planned transport network, including both design, management and operational matters.
Operational conditions	

32.	Low Noise Road Surface (a) Asphaltic concrete surfacing (or equivalent low noise road surface) shall be implemented within 12 months of Completion of Construction of the project. (b) The asphaltic concrete surface shall be maintained as far as practicable to retain the noise reduction performance of the surface established in accordance with (a), unless Condition 33 applies.
33.	Future Resurfacing Work (a) Any future resurfacing works of the project shall be undertaken in accordance with the Auckland Transport Reseal Guidelines, Asset Management and Systems 2013 or any updated version and asphaltic concrete surfacing (or equivalent low noise road surface) shall be implemented where: (i) the volume of traffic exceeds 10,000 vehicles per day; (ii) the road is subject to high wear and tear (such as cul de sac heads, roundabouts and main road intersections); (iii) it is in an industrial or commercial area where there is a high concentration of truck traffic; or (iv) it is subject to high usage by pedestrians, such as town centres, hospitals, shopping centres and schools. (b) Prior to commencing any future resurfacing works, the Requiring Authority shall advise the Manager if any of the triggers in Condition 33(a)(i) – (iv) are not met by the road or a section of it and therefore where the application of asphaltic concrete surfacing (or equivalent low noise road surface) is no longer required on the road or a section of it. Such advice shall also indicate when any resealing is to occur.
	Traffic Noise For the purposes of Conditions 34 to 39: (a) Building-Modification Mitigation – has the same meaning as in NZS 6806; (b) Design year has the same meaning as in NZS 6806; (c) Detailed Mitigation Options – means the fully detailed design of the Selected Mitigation Options, with all practical issues addressed; (d) Habitable Space – has the same meaning as in NZS 6806; (e) Identified Noise Criteria Category – means the Noise Criteria Category for a PPF identified in Schedule 6: Identified PPFs Noise Criteria Categories; (f) Mitigation – has the same meaning as in NZS 6806:2010 Acoustics – Road-traffic noise – New and altered roads; (g) Noise Criteria Categories – means the groups of preference for sound levels established in accordance with NZS 6806 when determining the Best Practicable Option for noise mitigation (i.e. Categories A, B and C); (h) NZS 6806 – means New Zealand Standard NZS 6806:2010 Acoustics – Road-traffic noise – New and altered roads; (i) Protected Premises and Facilities (PPFs) – means only the premises and facilities identified in Schedule 6: Identified PPFs Noise Criteria Categories; (j) Selected Mitigation Options – means the preferred mitigation option resulting from a Best Practicable Option assessment undertaken in accordance with NZS 6806 taking into account any low noise road surface to be implemented in accordance with Condition 32; and (k) Structural Mitigation – has the same meaning as in NZS 6806.
34.	The Noise Criteria Categories identified in Schedule 6: Identified PPFs Noise Criteria Categories at each of the PPFs shall be achieved where practicable and subject to Conditions 34 to 39 (all traffic noise conditions). The Noise Criteria Categories do not need to be complied with at a PPF where: (a) the PPF no longer exists; or (b) agreement of the landowner has been obtained confirming that the Noise Criteria Category does not need to be met. Achievement of the Noise Criteria Categories for PPFs shall be by reference to a traffic forecast for a high growth scenario in a design year at least 10 years after the programmed opening of the project.

35.	As part of the detailed design of the project, a Suitably Qualified Person shall determine the Selected Mitigation Options for the PPFs identified on Schedule 6: Identified PPFs Noise Criteria Categories. For the avoidance of doubt, the low noise road surface implemented in accordance with Condition 32 may be (or be part of) the Selected Mitigation Option(s).
36.	Prior to the Start of Construction of the project, a Suitably Qualified Person shall develop the Detailed Mitigation Options for the PPFs identified in Schedule 6: Identified PPFs Noise Criteria Categories, taking into account the Selected Mitigation Options.
37.	If the Detailed Mitigation Options would result in the Identified Noise Criteria Category changing to a less stringent Category, e.g. from Category A to B or Category B to C, at any relevant PPF, a Suitably Qualified Person shall provide confirmation to the Manager that the Detailed Mitigation Option would be consistent with adopting the Best Practicable Option in accordance with NZS 6806 prior to implementation.
38.	The Detailed Mitigation Options shall be implemented prior to Completion of Construction of the project, with the exception of any low-noise road surfaces, which shall be implemented within 12 months of Completion of Construction.
39.	Any barriers required by the Detailed Mitigation Options shall be maintained so they retain their noise reduction performance as far as practicable.

Attachments

Schedule 1: General Accordance Plans and Information

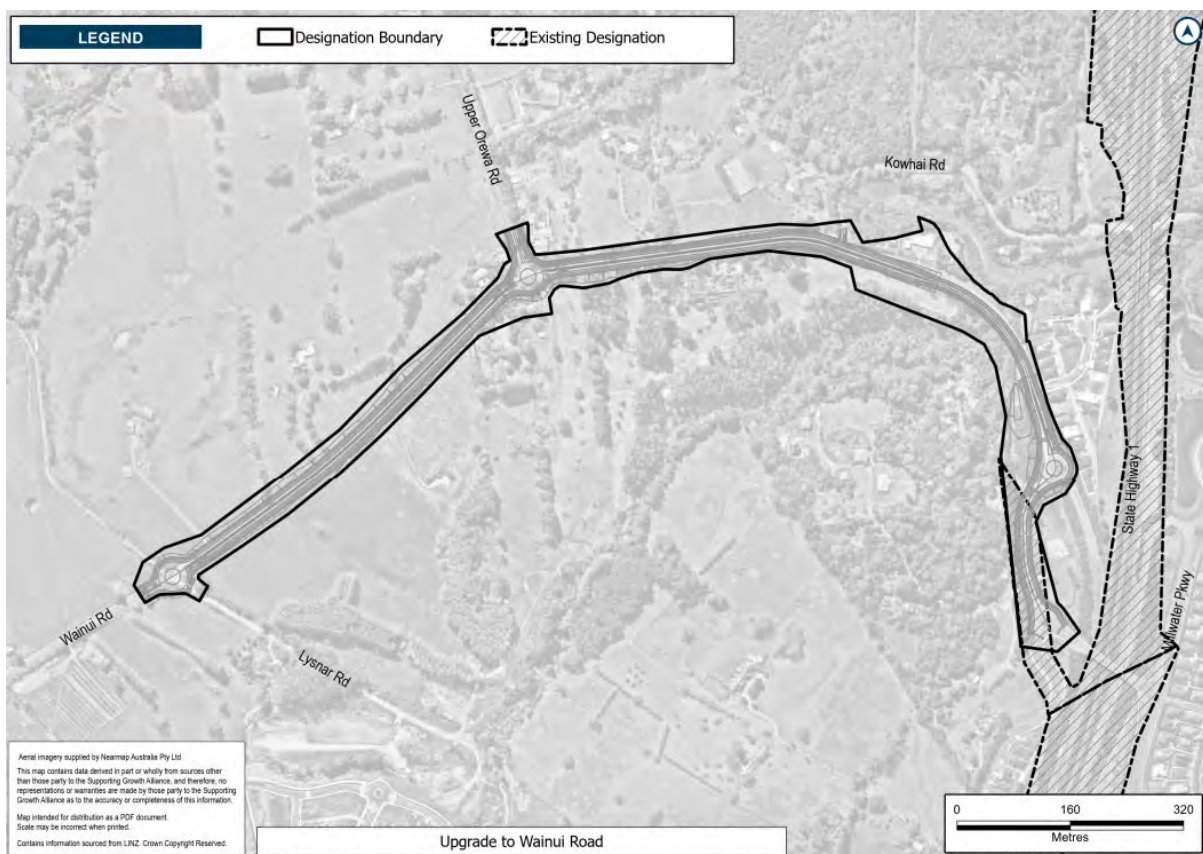
Project Description

The proposed work is the construction, operation and maintenance of an upgrade to Wainui Road to an urban arterial corridor between Lysnar Road, Wainui, and the State Highway 1 northbound Wainui Road offramp, including active mode facilities and associated infrastructure.

The proposed work is shown in the following Concept Plan and includes:

- Upgrading the corridor to an urban arterial with walking and cycling facilities.
- Tie-ins with existing roads and localised widening around the existing intersections to accommodate new intersection forms.
- New or upgraded stormwater management systems, bridges and culverts (where applicable).
- Batter slopes, and associated cut and fill earthworks.
- Vegetation removal.
- Other construction related activities required outside the permanent corridor including the re-grade of driveways, construction traffic manoeuvring and construction laydown areas.

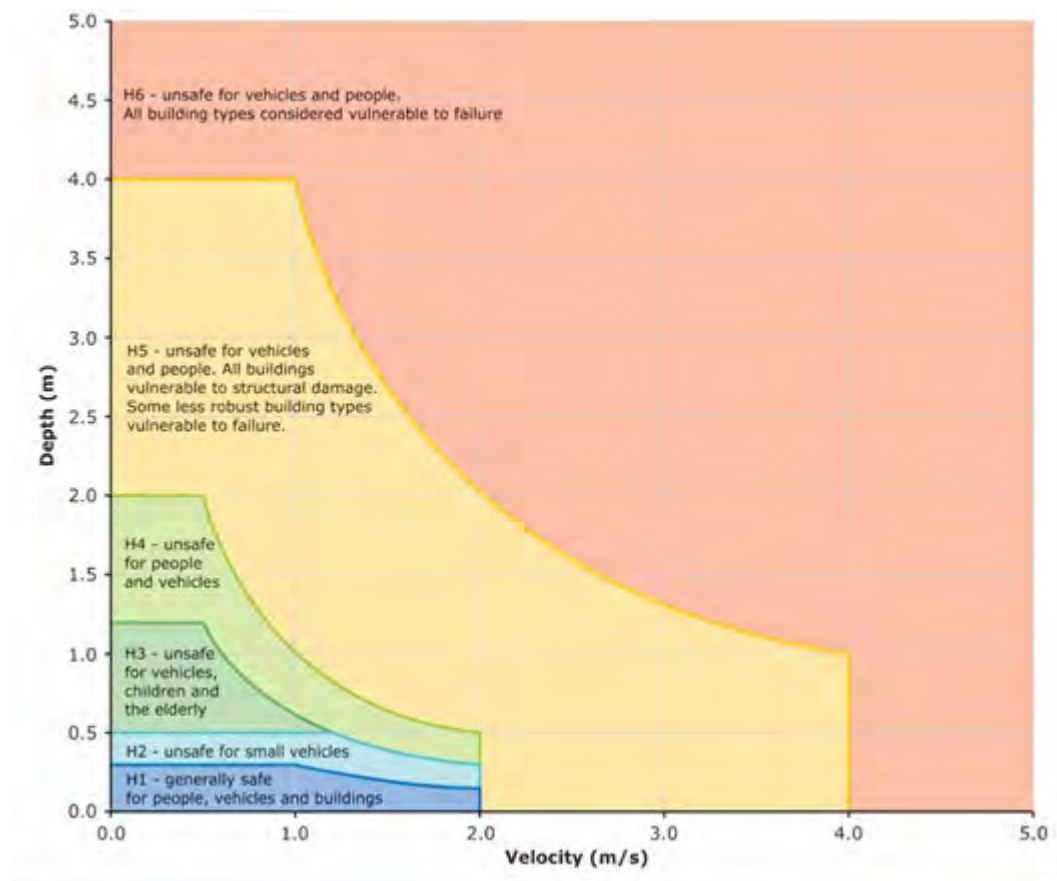
Concept Plan



Schedule 2 – Flood Hazard Class

The combined flood hazard curves shown below set hazard thresholds that relate to the vulnerability of the community when interacting with floodwaters. The combined curves are divided into hazard classifications that relate to specific vulnerability thresholds

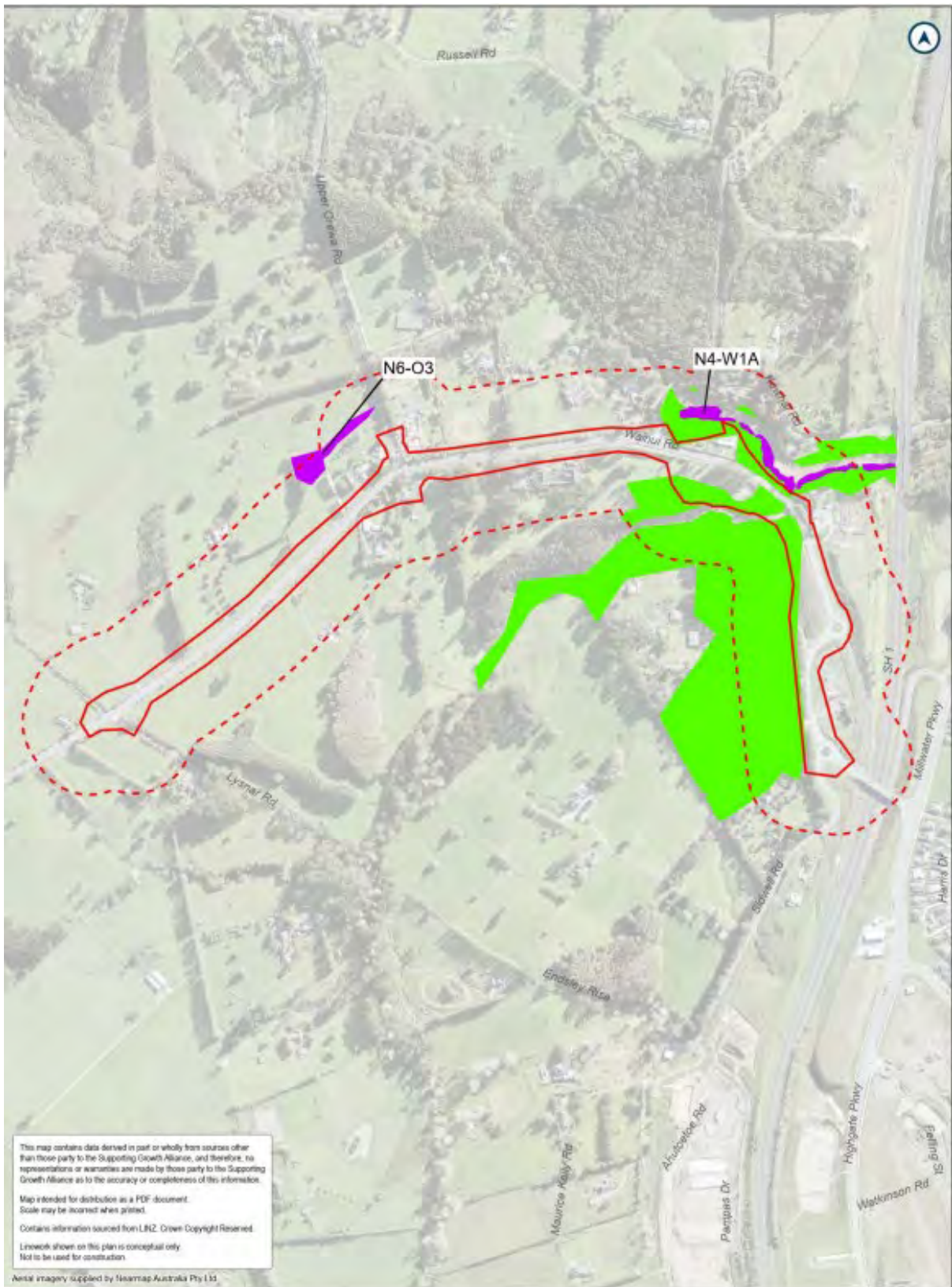
The vulnerability thresholds identified in the flood hazard curves can be applied to the best description of flood behaviour available for a subject site. In this regard, the hazard curves can be applied equally to flood behaviour estimates from measured data, simpler 1D numerical modelling approaches, through to complex 2D model estimates with the level of accuracy and uncertainty of the flood hazard estimate linked to the method used to derive the flood behaviour estimate.



Source: Australian Rainfall and Runoff, Book 6, 2019

Schedule 3: Identified Biodiversity Areas





LEGEND

- Designation Boundary
- Buffer 100m
- Identified Biodiversity Areas for Wetland Avifauna**
 - Named Wetlands
- Identified Biodiversity Areas for Non-wetland Avifauna**
 - Non-wetland Vegetation

0 175 350
Metres

Schedule 4: Table 10 of the 2018 EIANZ Guidelines

Criteria for describing level of effects (Adapted from Regini (2000) and Boffa Miskell (2011))

Ecological Value → Magnitude ↓	Very high	High	Moderate	Low	Negligible
Very high	Very high	Very high	High	Moderate	Low
High	Very high	Very high	Moderate	Low	Very low
Moderate	High	High	Moderate	Low	Very low
Low	Moderate	Low	Low	Very low	Very low
Negligible	Low	Very low	Very low	Very low	Very low
Positive	Net gain	Net gain	Net gain	Net gain	Net gain

Schedule 5: Trees to be included in the Tree Management Plan

Tree number	Vegetation type	Protection	Location	Species	Age
1011	Poplar	Road Reserve (adjacent to open space)	Corner of Wainui Road and Lysnar Road	Hybrid Poplar (<i>Populus sp.</i>)	Semi-mature
1012	Poplar	Road Reserve (adjacent to open space)	Corner of Wainui Road and Lysnar Road	Hybrid Poplar (<i>Populus sp.</i>)	Semi-mature



Schedule 6: Identified PPFs Noise Criteria Categories

Address	New or Altered Road	Noise Criteria Category
379 Wainui Road	Altered	A
411 Wainui Road	Altered	A
406 Wainui Road	Altered	A
480 Wainui Road	Altered	A
330 Wainui Road	Altered	A
315 Wainui Road	Altered	A
362 Wainui Road	Altered	A
20 Kowhai Road	Altered	A
440 Wainui Road	Altered	A
42 Kowhai Road	Altered	A
411 Wainui Road	Altered	A
37 Kowhai Road	Altered	A
427 Wainui Road	Altered	A
295 Wainui Road	Altered	A
392 Wainui Road	Altered	A
297 Wainui Road	Altered	A
16 Lysnar Road	Altered	A
293A Wainui Road	Altered	A
500 Wainui Road	Altered	A
293B Wainui Road	Altered	A
293 Wainui Road	Altered	A

Appendix G – Auckland Transport’s Modifications to NoR 11 conditions (clean)

[XXXX] New Connection between Dairy Flat Highway and Wilks Road

Designation Number	[XXXX]
Requiring Authority	Auckland Transport
Location	Between Dairy Flat Highway (at the intersection of Kahikatea Flat Road) and Wilks Road, Dairy Flat
Lapse Date	In accordance with section 184(1)(c) of the RMA, this designation shall lapse if not given effect to within 25 years from the date on which it is included in the AUP.

Purpose

The construction, operation and maintenance of an arterial transport corridor and associated facilities.

Conditions

Abbreviations and definitions

Acronym/Term	Definition
Activity sensitive to noise	Any dwelling, visitor accommodation, boarding house, marae, papakāinga, integrated residential development, retirement village, supported residential care, care centre, lecture theatre in a tertiary Education Facility, classroom in an Education Facility and healthcare facility with an overnight stay facility
AUP	Auckland Unitary Plan
BPO or Best Practicable Option	Has the same meaning as in section 2 of the RMA 1991
CEMP	Construction Environmental Management Plan
Certification of material changes to management plans	Confirmation from the Manager that a material change to a management plan has been prepared in accordance with the condition to which it relates. A material change to a management plan shall be deemed certified: (a) where the Requiring Authority has received written confirmation from the Manager that the material change to the management plan is certified; or (b) 10 working days from the submission of the material change to the management plan where no written confirmation of certification has been received
CMP	Cultural Monitoring Plan
CNVMP	Construction Noise and Vibration Management Plan
CNVMP Schedule or Schedule	A schedule to the CNVMP
Completion of Construction	When construction of the project (or part of the project) is complete and it is available for use
Confirmed Biodiversity Areas	Areas recorded in the Identified Biodiversity Area Schedule where the ecological values and effects have been confirmed through the ecological survey under Condition 29
Construction Works	Activities undertaken to construct the project excluding Enabling Works
Council	Auckland Council
CTMP	Construction Traffic Management Plan
Developer	Any legal entity that intends to master plan or develop land adjacent to the designation

Development Agency	Public entities involved in development projects
Education Facility	Facility used for education to secondary level. Includes: - schools and outdoor education facilities; and - accommodation, administrative, cultural, religious, health, retail and communal facilities accessory to the above. Excludes: - care centres; and - tertiary education facilities.
EIANZ Guidelines	Ecological Impact Assessment: EIANZ Guidelines for use in New Zealand: terrestrial and freshwater ecosystems, second edition, dated May 2018
EMP	Ecological Management Plan
Enabling Works	Includes, but is not limited to, the following and similar activities: - geotechnical investigations (including trial embankments); - archaeological site investigations; - formation of access for geotechnical investigations; - establishment of site yards, site entrances and fencing; - constructing and sealing site access roads; - demolition or removal of buildings and structures; - relocation of services; and - establishment of mitigation measures (such as erosion and sediment control measures, temporary noise walls, earth bunds and planting)
HHMP	Historic Heritage Management Plan
HNZPT	Heritage New Zealand Pouhere Taonga
HNZPTA	Heritage New Zealand Pouhere Taonga Act 2014
Identified Biodiversity Area	Means an area or areas of features of ecological value where the project ecologist has identified that the project will potentially have a moderate or greater level of ecological effect, prior to implementation of impact management measures, as determined in accordance with the EIANZ Guidelines
Manager	The Manager – Resource Consents of the Auckland Council, or authorised delegate
Mana Whenua	Mana Whenua as referred to in the conditions are considered to be, but not limited to, the following (in no particular order), who at the time of Notice of Requirement expressed a desire to be involved in the project: - Ngāti Manuhiri - Te Kawerau ā Maki - Te Ākitai Waiohū - Ngāti Whanaunga - Te Runanga o Ngāti Whātua - Ngāti Maru - Te Patu Kirikiri - Ngāti Whātua o Kaipara - Ngāti Tamaterā - Ngai Tai ki Tāmaki - Ngāti Paoa Iwi Trust - Ngāti Paoa Trust Board Note: other iwi not identified above may have an interest in the project and should be consulted
Network Utility Operator	Has the same meaning as set out in section 166 of the RMA
NIMP	Network Integration Management Plan
NoR	Notice of Requirement

North Growth Area	Land for future urban development in the North of Auckland, including Future Urban zoned areas in Ara Hills, Ōrewa, Wainui East, Silverdale West, Redvale and Dairy Flat
NUMP	Network Utilities Management Plan
Outline Plan	An outline plan prepared in accordance with section 176A of the RMA
Overland Flow Path	Means a low point in terrain, excluding a permanent watercourse or intermittent river or stream, where surface runoff will flow, with an upstream contributing catchment exceeding 4,000m ²
Project Liaison Person	The person or persons appointed for the duration of the project's Construction Works to be the main point of contact for persons wanting information about the project or affected by the Construction Works
Protected Premises and Facilities (PPF)	Protected Premises and Facilities as defined in New Zealand Standard NZS 6806:2010: <i>Acoustics – Road-traffic noise – New and altered roads</i>
Requiring Authority	Has the same meaning as section 166 of the RMA and, for this designation is Auckland Transport
RMA	Resource Management Act 1991
SCEMP	Stakeholder Communication and Engagement Management Plan
Stakeholder	Stakeholders to be identified in accordance with Condition 4, which may include as appropriate: (a) adjacent owners and occupiers; (b) adjacent business owners and operators; (c) central and local government bodies; (d) community groups; (e) developers; (f) development agencies; (g) Education Facilities; and (h) Network Utility Operators.
Stage of Work	Any physical works that require the development of an Outline Plan
Start of Construction	The time when Construction Works (excluding Enabling Works) start
Suitably Qualified Person	A person (or persons) who can provide sufficient evidence to demonstrate their suitability, experience and competence in the relevant field of expertise.
ULDMP	Urban and Landscape Design Management Plan

General conditions	
1.	Activity in General Accordance with Plans and Information (a) Except as provided for in the conditions below, and subject to final design and Outline Plan(s), works within the designation shall be undertaken in general accordance with the project description and concept plan in Schedule 1. (b) Where there is inconsistency between: (i) the project description and concept plan in Schedule 1 and the requirements of the following conditions, the conditions shall prevail; (ii) the project description and concept plan in Schedule 1, and the management plans under the conditions of the designation, the requirements of the management plans shall prevail.
2.	Project Information (a) A project website, or equivalent virtual information source, shall be established as soon as reasonably practicable, and within six months of the inclusion of this designation in the AUP. This shall be updated as required so it remains current. (b) All directly affected owners and occupiers shall be notified in writing as soon as reasonably practicable once the website or equivalent information source has been established. The project website or virtual information source shall include these conditions and shall provide information on: (i) the status of the project; (ii) anticipated construction timeframes; (iii) contact details for enquiries; (iv) the implications of the designation for landowners, occupiers and business owners and operators within the designation and where they can receive additional advice; (v) a subscription service to enable receipt of project updates by email; (vi) the types of activities that can be undertaken by landowners without the need for written consent to be obtained under s176(1)(b) of the RMA; and (vii) when and how to apply for consent for works in the designation under section 176(1)(b) of the RMA. (c) At ten yearly intervals from the inclusion of this designation in the AUP until the start of detailed design, the Requiring Authority shall identify appropriate methods with the relevant Local Board(s) to: (i) inform the wider community of the project status; and (ii) raise awareness of the project website. (d) At the start of detailed design for a Stage of Work, the project website or virtual information source shall be updated to provide information on the likely date for Start of Construction, and any Staging of Works.

3.	Land use Integration Process (a) The Requiring Authority shall set up a Land use Integration Process for the period between confirmation of the designation and the Start of Construction. The purpose of this process is to encourage and facilitate the integration of master planning and land use development activity on land directly affected or adjacent to the designation. To achieve this purpose: (i) the Requiring Authority shall include the contact details of a nominated contact on the project website (or equivalent information source) required to be established by Condition 2(b)(iii); and (ii) the nominated contact shall be the main point of contact for a Developer or Development Agency wanting to work with the Requiring Authority to integrate their development plans or master planning with the designation. (b) At any time prior to the Start of Construction, the nominated contact will be available to engage with a Developer or Development Agency for the purpose of: (i) responding to requests made to the Requiring Authority for information regarding design details that could assist with land use integration; and (ii) receiving information from a Developer or Development Agency regarding master planning or land development details that could assist with land use integration. (c) Information requested or provided under Condition 3(b) above may include but not be limited to the following matters: (i) design details including but not limited to: A. boundary treatment (e.g. the use of retaining walls or batter slopes); B. the horizontal and vertical alignment of the road (levels); C. potential locations for mid-block crossings; D. integration of stormwater infrastructure; and E. traffic noise modelling contours. (ii) potential modifications to the extent of the designation in response to information received through Condition 3(b)(ii); (iii) a process for the Requiring Authority to undertake a technical review of or provide comments on any master planning or development proposal advanced by the Developer or Development Agency as it relates to integration with the project; and (iv) details of how to apply for written consent from the Requiring Authority for any development proposal that relates to land that is within the designation under section 176(1)(b) of the RMA. (d) Where information is requested from the Requiring Authority and is available, the nominated contact shall provide the information unless there are reasonable grounds for not providing it. (e) The nominated contact shall maintain a record of the engagement between the Requiring Authority and Developers and Development Agencies for the period following the date in which this designation is included in the AUP through to the Start of Construction for a Stage of Work. The record shall include: (i) details of any requests made to the Requiring Authority that could influence detailed design, the results of any engagement and, where such requests that could influence detailed design are declined, the reasons why the Requiring Authority has declined the requests; and (ii) details of any requests to co-ordinate the forward work programme, where appropriate, with Development Agencies and Network Utility Operators. (f) The record shall be submitted to Council for information 10 working days prior to the Start of Construction for a Stage of Work.

4.	Stakeholder Communication and Engagement Design (a) At least six months prior to the start of detailed design for a Stage of Work, the Requiring Authority shall identify: (i) a list of Stakeholders; (ii) a list of properties within the designation which the Requiring Authority does not own or have occupation rights to; and (iii) methods to engage with Stakeholders and the owners and occupiers of properties identified in (a)(i) – (ii) above. (b) A record of (a) shall be submitted to the Manager for information with an Outline Plan for the relevant Stage of Work.
5.	Designation Review As soon as reasonably practicable following Completion of Construction, the Requiring Authority shall: (i) review the extent of the designation to identify any areas of designated land that it no longer requires for the on-going operation, maintenance or mitigation of effects of the project; and (ii) give notice to the Manager in accordance with section 182 of the RMA for the removal of those parts of the designation identified above.
6.	Lapse In accordance with section 184(1)(c) of the RMA, this designation shall lapse if not given effect to within 25 years from the date on which it is included in the AUP.
7.	Network Utility Operators (Section 176 Approval) (a) Prior to the Start of Construction, Network Utility Operators with existing infrastructure located within the designation will not require written consent under section 176 of the RMA for the following activities: (i) operation, maintenance and repair works; (ii) minor renewal works to existing network utilities necessary for the on-going provision or security of supply of network utility operations; (iii) minor works such as new service connections; and (iv) the upgrade and replacement of existing network utilities in the same location with the same or similar effects on the works authorised by the designation as the existing utility. (b) To the extent that a record of written approval is required for the activities listed above, this condition shall constitute written approval.
8.	General Section 176 Approval (a) Prior to the start of the formal acquisition process under the Public Works Act 1981 for a property, or submission of the Outline Plan, persons on properties zoned Rural or Future Urban will not require written consent under section 176 of the RMA for the following activities: (i) Internal alterations; (ii) Repair of existing utility services; (iii) One extension to an existing structure as at 2023, up to 30m²; (iv) Temporary or relocatable structures, provided they are removed from the site and the land is reinstated (including closing and capping any associated services) at the landowner's expense prior to the Start of Construction. The landowner shall be responsible for any resource consent required for the structures, their removal or relocation. (b) To the extent that a record of written approval is required for the activities listed above, this condition shall constitute written approval.
Pre-construction conditions	

9.	Outline Plan (a) An Outline Plan (or Plans) shall be prepared in accordance with section 176A of the RMA. (b) Outline Plans (or Plan) may be submitted in parts or in stages to address particular activities (e.g. design or construction aspects), or a Stage of Work of the project. (c) Outline Plans shall include any management plan or plans that are relevant to the management of effects of those activities or Stage of Work, which may include: (i) Construction Environmental Management Plan; (ii) Construction Traffic Management Plan; (iii) Construction Noise and Vibration Management Plan; (iv) Urban and Landscape Design Management Plan; (v) Historic Heritage Management Plan; (vi) Ecological Management Plan; (vii) Network Utilities Management Plan; and (viii) Network Integration Management Plan.
	Flood Hazard For the purpose of Condition 10: (a) AEP – means Annual Exceedance Probability; (b) Existing Authorised Habitable Floor – means the floor level of any room (floor) in a residential building which is authorised and exists at the time the Outline Plan is submitted, excluding a laundry, bathroom, toilet or any room used solely as an entrance hall, passageway or garage; (c) Flood Prone Area – means potential ponding areas that may flood in a 1% AEP event and commonly comprise of topographical depression areas. The areas can occur naturally or as a result of constructed features. Identification of a potential Flood Prone Area would be by an assessment of residual flood risk in a 1% AEP event (e.g. from blockage of the project stormwater network) on land outside and adjacent to the designation following the application of Conditions (10)(a)(i) – (iv). (d) Maximum Probable Development – is the design case for consideration of future flows allowing for development within a catchment that takes into account the maximum impervious surface limits of the current zone or if the land is zoned Future Urban in the AUP, the probable level of development arising from zone changes; (e) Pre-Project Development – means existing site condition prior to the project (including existing buildings and roadways); and (f) Post-Project Development – means site condition after the project has been completed (including existing and new buildings and roadways).

10.	Flood Hazard (a) The project shall be designed to achieve the following flood risk outcomes beyond the boundary of the designation: (i) no increase in flood levels in a 1% AEP event for Existing Authorised Habitable Floors that are already subject to flooding or have a freeboard less than 500mm; (ii) no increase in flood levels in a 1% AEP event for authorised community, commercial, industrial and network utility building floors existing at the time the Outline Plan is submitted that are already subject to flooding or have a freeboard less than 300mm; (iii) maximum of 50mm increase in flood levels in a 1% AEP event outside and adjacent to the designation boundary between the Pre-Project Development and Post-Project Development scenarios; (iv) no increase of Flood Hazard Class for the main access to authorised habitable dwellings existing at the time the Outline Plan is submitted. The assessment shall be undertaken for the 1% AEP rainfall event and reference the hazard class in accordance with Schedule 2 to these conditions; and (v) no new Flood Prone Areas. (b) Compliance with this condition shall be demonstrated in the Outline Plan, which shall include flood modelling of the Pre-Project Development and Post-Project Development 1% AEP flood levels (for Maximum Probable Development land use with allowances for climate change). (c) Where: (i) the flood risk outcomes in (a) can be achieved through alternative measures outside of the designation such as flood stop banks, flood walls, raising Existing Authorised Habitable Floor level and new overland flow paths; or (ii) the outcomes are varied at specific location(s) through agreement with the relevant landowner, confirmation shall be provided to the Manager that any necessary landowner agreement and statutory approvals have been obtained for that alternative measure or varied outcome.
11.	Overland Flow Paths Where the project modifies an Overland Flow Path by either: • diverting the entry or exit point at the designation boundary; or • piping, or reducing its capacity; the design shall provide for the continued passage of flow in a manner which manages potential effects upstream and downstream of the modified Overland Flow Path.
12.	Existing property access Prior to submission of the Outline Plan, consultation shall be undertaken with landowners and occupiers whose vehicle access to their property will be altered by the project. The Outline Plan shall demonstrate how safe reconfigured or alternate access will be provided, unless otherwise agreed with the affected landowner.
13.	Airport Operations The Outline Plan shall: (a) include measures to manage potential glare, lighting and bird hazard effects on adjacent airport operations; (b) demonstrate how requirements of any applicable airport overlay will be met or how any temporary infringement will be managed; and (c) include details of any feedback received from airport operations in relation to (a) and (b) above.

14.	Management Plans (a) Any management plan shall: (i) be prepared and implemented in accordance with the relevant management plan condition; (ii) be prepared by a Suitably Qualified Person(s); (iii) include sufficient detail relating to the management of effects associated with the relevant activities and/or Stage of Work to which it relates; (iv) be submitted as part of an Outline Plan pursuant to section 176A of the RMA, with the exception of SCEMPs and CNVMP Schedules; and (v) once finalised, uploaded to the project website or equivalent virtual information source. (b) Any management plan developed in accordance with Condition 14 may: (i) be submitted in parts or in stages to address particular activities (e.g. design or construction aspects), a Stage of Work of the project, or to address specific activities authorised by the designation; and (ii) except for material changes, be amended to reflect any changes in design, construction methods or management of effects without further process; (c) Information shall be submitted with the management plan (or revised plan as referred to in (d) below) which summarises outcomes of consultation and any input received from Mana Whenua and Stakeholders as required by the relevant management plan condition. The summary shall note how this input has been incorporated or reflected in the management plan, or if not, the reasons why; (d) If there is a material change required to a management plan which has been submitted with an Outline Plan, the revised part of the plan shall be submitted to the Manager as an update to the Outline Plan or for Certification as soon as practicable following identification of the need for a revision; and (e) Any material changes to the SCEMP(s) are to be submitted to the Manager for information.
15.	Stakeholder Communication and Engagement Management Plan (SCEMP) (a) A SCEMP shall be prepared in consultation with relevant Stakeholders prior to the Start of Construction. The objective of the SCEMP is to identify how the public and Stakeholders will be engaged with throughout Construction Works. (b) To achieve the objective, the SCEMP shall include: (i) a list of Stakeholders; (ii) the contact details for the Project Liaison Person. These details shall be on the project website, or equivalent virtual information source, and prominently displayed at the main entrance(s) to the site(s); (iii) methods for engaging with Mana Whenua, to be developed in consultation with Mana Whenua; (iv) methods and timing to engage with owners and occupiers whose access is directly affected; (v) methods to communicate key project milestones and the proposed hours of construction activities including outside of normal working hours and on weekends and public holidays, to the parties identified in (b)(i) above; and (vi) linkages and cross-references to communication and engagement methods set out in other conditions and management plans where relevant. (c) Any SCEMP prepared for a Stage of Work shall be submitted to the Manager for information a minimum of 10 working days prior to the Start of Construction for a Stage of Work.

16.	Cultural Advisory Report (a) At least six months prior to the start of detailed design for a Stage of Work, Mana Whenua shall be invited to prepare a Cultural Advisory Report for the project. The objective of the Cultural Advisory Report is to assist in understanding and identifying ngā taonga tuku iho (treasures handed down by our ancestors) affected by the project, to inform their management and protection. (b) To achieve the objective, the Requiring Authority shall invite Mana Whenua to prepare a Cultural Advisory Report that: (i) identifies the cultural sites, landscapes and values that have the potential to be affected by the construction and operation of the project; (ii) sets out the desired outcomes for management of potential effects on cultural sites, landscapes and values; (iii) identifies traditional cultural practices within the area that may be impacted by the project; (iv) identifies opportunities for restoration and enhancement of identified cultural sites, landscapes and values within the project area; (v) taking into account the outcomes of (i) to (iv) above, identify cultural matters and principles that should be considered in the development of the ULDMP (Condition 17) and HHMP (Condition 28) and the CMP referred to in Condition 22; and (vi) identifies and (if possible) nominates traditional names along the project alignment. Noting there may be formal statutory processes outside the project required in any decision-making. (c) The desired outcomes for management of potential effects on cultural sites, landscapes and values identified in the Cultural Advisory Report shall be discussed with Mana Whenua and those outcomes reflected in the relevant management plans where practicable; and (d) Conditions 16(b) and (c) will cease to apply if: (i) Mana Whenua have been invited to prepare a Cultural Advisory Report by a date at least six months prior to the Start of Construction; and (ii) Mana Whenua have not provided a Cultural Advisory Report within six months prior to the Start of Construction.
	Urban and Landscape Design Management Plan (ULDMP)
17.	(a) A ULDMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the ULDMP(s) is to: (i) enable integration of the project's permanent works into the surrounding landscape and urban context; and (ii) ensure that the project manages potential adverse landscape and visual effects as far as practicable and contributes to a quality urban environment. (b) Mana Whenua shall be invited to participate in the development of the ULDMP(s) to provide input into relevant cultural landscape and design matters including how desired outcomes for management of potential effects on cultural sites, landscapes and values identified and discussed in the Cultural Advisory Report in Condition 16 may be reflected in the ULDMP. (c) Relevant Stakeholders shall be invited to participate in the development of the ULDMP at least six months prior to the start of detailed design for a Stage of Work.

18.	(a) To achieve the objective set out in Condition 17, the ULDMP(s) shall provide details of how the project: (i) is designed to integrate with the adjacent urban (or proposed urban) and landscape context, including the surrounding existing or proposed topography, urban environment (e.g. centres and density of built form), natural environment, landscape character and open space zones; (ii) provides appropriate walking and cycling connectivity to, and interfaces with, existing or proposed adjacent land uses, public transport infrastructure and walking and cycling connections; (iii) promotes inclusive access (where appropriate); (iv) promotes a sense of personal safety by aligning with best practice guidelines, such as: A. Crime Prevention Through Environmental Design (CPTED) principles; B. Safety in Design (SID) requirements; and C. Maintenance in Design (MID) requirements and anti-vandalism/anti-graffiti measures; (v) has responded to matters identified through the Land use Integration Process (Condition 3); and (b) The ULDMP shall be prepared in general accordance with: (i) Auckland Transport's Urban Roads and Streets Design Guide, or any subsequent or updated version; (ii) New Zealand Transport Agency Urban Design Guidelines: Bridging the Gap (2013) or any subsequent updated version; (iii) New Zealand Transport Agency Landscape Guidelines (2018) or any subsequent updated version; (iv) New Zealand Transport Agency P39 Standard Specification for Highway Landscape Treatments (2013) or any subsequent updated version; and (v) Auckland's Urban Ngahere (Forest) Strategy or any subsequent updated version.

19.	The ULDMP(s) shall include: (a) a concept plan – which depicts the overall landscape and urban design concept, and explain the rationale for the landscape and urban design proposals; (b) developed design concepts, including principles for walking and cycling facilities and public transport; (c) landscape and urban design details – that cover the following: (i) road design – elements such as intersection form, carriageway gradient and associated earthworks contouring including cut and fill batters and the interface with adjacent land uses and existing roads (including slip lanes), benching, spoil disposal sites, median width and treatment, roadside width and treatment; (ii) roadside elements – such as lighting, fencing, wayfinding and signage; (iii) architectural and landscape treatment of all major structures, including bridges and retaining walls; (iv) architectural and landscape treatment of noise barriers; (v) landscape treatment and planting of permanent stormwater control wetlands and swales; (vi) integration of passenger transport; (vii) pedestrian and cycle facilities including paths, road crossings and dedicated pedestrian/ cycle bridges or underpasses; (viii) historic heritage places with reference to the HHMP (Condition 28); and (ix) re-instatement of construction and site compound areas; and (x) features disturbed during construction and intended to be reinstated such as: A. boundary features; B. driveways; C. accessways; and D. fences. (d) the ULDMP shall also include the following planting and maintenance details: (i) planting design details including: A. identification of existing trees and vegetation that will be retained with reference to the EMP (Condition 30). Where practicable, mature trees and native vegetation should be retained; B. street trees, shrubs and ground cover suitable for the location; C. treatment of fill slopes to integrate with adjacent land use, streams, riparian margins and open space zones; D. identification of any planting requirements under the EMP (Condition 30); E. integration of any planting required by conditions of any resource consents for the project; and F. re-instatement planting of construction and site compound areas as appropriate. (ii) a planting programme including the staging of planting in relation to the construction programme which shall, as far as practicable, include provision for planting within each planting season following completion of each Stage of Work; and (iii) detailed specifications relating to the following: A. weed control and clearance; B. pest animal management (to support plant establishment); C. ground preparation (top soiling and decompaction); D. mulching; and E. plant sourcing and planting, including hydroseeding and grassing, and use of eco-sourced species.
Construction conditions	

20.	Construction Environmental Management Plan (CEMP) (a) A CEMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the CEMP is to set out the management procedures and construction methods to be undertaken to avoid, remedy or mitigate any adverse effects associated with Construction Works as far as practicable. (b) To achieve the objective, the CEMP shall include: (i) the roles and responsibilities of staff and contractors; (ii) details of the site or project manager and the Project Liaison Person, including their contact details (phone and email address); (iii) the Construction Works programmes and the staging approach, and the proposed hours of work; (iv) details of the proposed construction yards including temporary screening when adjacent to residential areas; (v) details of the proposed construction lighting; (vi) methods for controlling dust and the removal of debris and demolition of construction materials from public roads or places; (vii) methods for providing for the health and safety of the general public; (viii) measures to mitigate flood hazard effects such as siting stockpiles out of floodplains, minimising obstruction to flood flows, actions to respond to warnings of heavy rain; (ix) procedures for incident management; (x) location and procedures for the refuelling and maintenance of plant and equipment to avoid discharges of fuels or lubricants to watercourses; (xi) 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; (xii) procedures for responding to complaints about Construction Works; and (xiii) methods for amending and updating the CEMP as required.
21.	Complaints Process (a) At all times during Construction Works, a record of any complaints received about the Construction Works shall be maintained. The record shall include: (i) the date, time and nature of the complaint; (ii) the name, phone number and address of the complainant (unless the complainant wishes to remain anonymous); (iii) measures taken to respond to the complaint (including a record of the response provided to the complainant) or confirmation of no action if deemed appropriate; (iv) the outcome of the investigation into the complaint; and (v) any other activities in the area, unrelated to the project that may have contributed to the complaint, such as non-project construction, fires, traffic accidents or unusually dusty conditions generally. (b) A copy of the complaints record required by this condition shall be made available to the Manager upon request as soon as practicable after the request is made.

22.	Cultural Monitoring Plan (CMP) (a) Prior to the Start of Construction, a CMP shall be prepared by a Suitably Qualified Person(s) identified in collaboration with Mana Whenua. The objective of the CMP is to identify methods for undertaking cultural monitoring to assist with management of any cultural effects during Construction Works. (b) To achieve the objective, the CMP shall include: (i) requirements for formal dedication or cultural interpretation to be undertaken prior to the Start of Construction in areas identified as having significance to Mana Whenua; (ii) requirements and protocols for cultural inductions for contractors and subcontractors; (iii) identification of activities, sites and areas where cultural monitoring is required during particular Construction Works; (iv) identification of personnel to undertake cultural monitoring, including any geographic definition of their responsibilities; and (v) details of personnel to assist with management of any cultural effects identified during cultural monitoring, including implementation of the Accidental Discovery Protocol. (c) If Enabling Works involving soil disturbance are undertaken prior to the Start of Construction, an Enabling Works CMP shall be prepared by a Suitably Qualified Person identified in collaboration with Mana Whenua. This plan may be prepared as a standalone Enabling Works CMP or be included in the main Construction Works CMP. Advice note: Where appropriate, the CMP shall align with the requirements of other conditions of the designation and resource consents for the project which require monitoring during Construction Works.

23.	Construction Traffic Management Plan (CTMP) (a) A CTMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the CTMP is to avoid, remedy or mitigate, as far as practicable, adverse construction traffic effects. (b) To achieve this objective, the CTMP shall include: (i) methods to manage the effects of temporary traffic management activities on traffic; (ii) measures to ensure the safety of all transport users; (iii) the estimated numbers, frequencies, routes and timing of traffic movements, including any specific non-working or non-movement hours to manage vehicular and pedestrian traffic near Education Facilities or to manage traffic congestion; (iv) site access routes and access points for heavy vehicles, the size and location of parking areas for plant, construction vehicles and the vehicles of workers and visitors; (v) identification of detour routes and other methods to ensure the safe management and maintenance of traffic flows, including public transport, pedestrians and cyclists; (vi) methods to maintain access to and within property and/or private roads where practicable, or to provide alternative arrangements when it will not be, including details of how access is managed for loading and unloading of goods; (vii) the management approach to loads on heavy vehicles, including covering loads of fine material, the use of wheel-wash facilities at site exit points and the timely removal of any material deposited or spilled on public roads; (viii) methods that will be undertaken to communicate traffic management measures to affected road users (e.g. residents / public / Stakeholders / emergency services); (ix) details of minimum network performance parameters during the construction phase, including any measures to monitor compliance with the performance parameters; and (x) details of any measures proposed to be implemented in the event of thresholds identified in (ix) being exceeded. (c) Auditing, monitoring and reporting requirements relating to traffic management activities shall be undertaken in accordance with the New Zealand Guide to Temporary Traffic Management (April 2023) or any subsequent version.

24.

Construction Noise Standards

(a) Construction noise shall be measured and assessed in accordance with NZS6803:1999 Acoustics – Construction Noise and shall comply with the noise standards set out in the following table as far as practicable:

Table 24-1 Construction Noise Standards

Day of week	Time period	L _{Aeq} (15min)	L _{AF} max
Occupied activity sensitive to noise			
Weekday	0630h - 0730h	55 dB	75 dB
	0730h - 1800h	70 dB	85 dB
	1800h - 2000h	65 dB	80 dB
	2000h - 0630h	45 dB	75 dB
Saturday	0630h - 0730h	45 dB	75 dB
	0730h - 1800h	70 dB	85 dB
	1800h - 2000h	45 dB	75 dB
	2000h - 0630h	45 dB	75 dB
Sunday and Public Holidays	0630h - 0730h	45 dB	75 dB
	0730h - 1800h	55 dB	85 dB
	1800h - 2000h	45 dB	75 dB
	2000h - 0630h	45 dB	75 dB
Other occupied buildings			
All	0730h – 1800h	70 dB	
	1800h – 0730h	75 dB	

(b) Where compliance with the noise standards set out in Table 24-1 is not practicable, the methodology in Condition 27 shall apply.

25.

Construction Vibration Standards

(a) Construction vibration shall be measured in accordance with ISO 4866:2010 Mechanical vibration and shock – Vibration of fixed structures – Guidelines for the measurement of vibrations and evaluation of their effects on structures and shall comply with the vibration standards set out in the following table as far as practicable.

Table 25-1 Construction Vibration Standards

Receiver	Details	Category A*	Category B**
Occupied activities sensitive to noise	Night-time 2000h - 0630h	0.3mm/s ppv	2mm/s ppv
	Daytime 0630h - 2000h	2mm/s ppv	5mm/s ppv
Other occupied buildings	Daytime 0630h - 2000h	2mm/s ppv	5mm/s ppv
All other buildings	At all other times	Tables 1 and 3 of DIN4150-3:1999	

* Category A criteria adopted from Rule E25.6.30.1 of the AUP

** Category B criteria based on DIN 4150-3:1999 building damage criteria for daytime

(b) Where compliance with the vibration standards set out in Table 25-1 is not practicable, the methodology in Condition 27 shall apply.

26.	Construction Noise and Vibration Management Plan (CNVMP) (a) A CNVMP shall be prepared prior to the Start of Construction for Stage of Work. A CNVMP shall be implemented during the Stage of Work to which it relates. The objective of the CNVMP is to provide a framework for the development and implementation of the Best Practicable Option for the management of construction noise and vibration effects to achieve the construction noise and vibration standards set out in Conditions 24 and 25 to the extent practicable. (b) To achieve the objective, the CNVMP shall be prepared in accordance with Annex E2 of the New Zealand Standard NZS6803:1999 'Acoustics – Construction Noise' (NZS6803:1999) and shall as a minimum, address the following: (i) description of the works and anticipated equipment/processes; (ii) hours of operation, including times and days when construction activities would occur; (iii) the construction noise and vibration standards for the project; (iv) identification of receivers where noise and vibration standards apply; (v) a hierarchy of management and mitigation options, including any requirements to limit night works and works during other sensitive times, including Sundays and public holidays as far as practicable; (vi) methods and frequency for monitoring and reporting on construction noise and vibration; (vii) procedures for communication and engagement with nearby residents and Stakeholders, including notification of proposed construction activities, the period of construction activities, and management of noise and vibration complaints; (viii) contact details of the Project Liaison Person; (ix) procedures for the regular training of the operators of construction equipment to minimise noise and vibration as well as expected construction site behaviours for all workers; (x) procedures and requirements for the preparation of a Schedule to the CNVMP (Schedule) for those areas where compliance with the noise Condition 24 and/or vibration standards Condition 25 Category B will not be practicable; (xi) identification of trigger levels for undertaking building condition surveys, which shall be Category B day time levels; (xii) procedures and trigger levels for undertaking building condition surveys before and after works to determine whether any cosmetic or structural damage has occurred as a result of construction vibration; (xiii) methodology and programme of desktop and field audits and inspections to be undertaken to ensure that the CNVMP, Schedules and the Best Practicable Option for management of effects are being implemented; and (xiv) requirements for review and update of the CNVMP.

27.	Schedule to a CNVMP (a) A Schedule to the CNVMP (Schedule) shall be prepared prior to the Start of Construction of an activity to which it relates by a Suitably Qualified Person, in consultation with the owners and occupiers of sites subject to the Schedule, when: (i) construction noise is either predicted or measured to exceed the noise standards in Condition 24, except where the exceedance of the L_{Aeq} criteria is no greater than 5 decibels and does not exceed: A. 0630 – 2000: 2 periods of up to 2 consecutive weeks in any 2 months; or B. 2000 - 0630: 1 period of up to 2 consecutive nights in any 10 days; (ii) construction vibration is either predicted or measured to exceed the Category B standard at the receivers in Condition 25. (b) The objective of the Schedule is to set out the Best Practicable Option measures to manage noise and/or vibration effects of the construction activity beyond those measures set out in the CNVMP. (c) To achieve the objective, the Schedule shall include details such as: (i) construction activity location, start and finish dates; (ii) the nearest neighbours to the construction activity; (iii) the predicted noise and/or vibration level for all receivers where the levels are predicted or measured to exceed the applicable standards and predicted duration of the exceedance; (iv) for works proposed between 2000h and 0630h, the reasons why the proposed works must be undertaken during these hours and why they cannot be practicably undertaken during the daytime; (v) the proposed mitigation options that have been selected, and the options that have been discounted as being impracticable and the reasons why; (vi) the consultation undertaken with owners and occupiers of sites subject to the Schedule, and how consultation has and has not been taken into account; and (vii) location, times and types of monitoring. (d) The Schedule shall be submitted to the Manager for Certification at least five working days (except in unforeseen circumstances) in advance of Construction Works that are covered by the scope of the Schedule and shall form part of the CNVMP. (e) The CNVMP Schedule shall be deemed certified five working days from the submission of the CNVMP Schedule where no written confirmation of Certification has been received. (f) Where material changes are made to a Schedule required by this condition, the Requiring Authority shall consult the owners and/or occupiers of sites subject to the Schedule prior to submitting the amended Schedule to the Manager for Certification in accordance with (d) above. The amended Schedule shall document the consultation undertaken with those owners and occupiers, and how consultation outcomes have and have not been taken into account.

28.	Historic Heritage Management Plan (HHMP) (a) A HHMP shall be prepared in consultation with Council, HNZPT and Mana Whenua prior to the Start of Construction for a Stage of Work. The objective of the HHMP is to protect historic heritage and to remedy and mitigate any residual effects as far as practicable. (b) To achieve the objective, the HHMP shall identify: (i) any adverse direct and indirect effects on historic heritage sites and measures to appropriately avoid, remedy or mitigate any such effects, including a tabulated summary of these effects and measures; (ii) methods for the identification and assessment of potential historic heritage places within the designation to inform detailed design; (iii) known historic heritage places and potential archaeological sites within the designation, including identifying any archaeological sites for which an Archaeological Authority under the HNZPTA will be sought or has been granted; (iv) any unrecorded archaeological sites or post-1900 heritage sites within the designation, which shall also be documented and recorded; (v) roles, responsibilities and contact details of project personnel, Council and HNZPT representatives, Mana Whenua representatives, and relevant agencies involved with heritage and archaeological matters including surveys, monitoring of Construction Works, compliance with AUP accidental discovery rule, and monitoring of conditions; (vi) specific areas to be investigated, monitored and recorded to the extent these are directly affected by the project; (vii) the proposed methodology for investigating and recording post-1900 historic heritage sites (including buildings) that need to be destroyed, demolished or relocated, including details of their condition, measures to mitigate any adverse effects and timeframe for implementing the proposed methodology, in accordance with the HNZPT Archaeological Guidelines Series No.1: Investigation and Recording of Buildings and Standing Structures (November 2018), or any subsequent version; (viii) methods to acknowledge cultural values identified through Condition 16 where archaeological sites also involve ngā taonga tuku iho (treasures handed down by our ancestors) and where feasible and practicable to do so; (ix) methods for avoiding, remedying or mitigating adverse effects on historic heritage places and sites within the designation during Construction Works as far as practicable. These methods shall include, but are not limited to: A. security fencing or hoardings around historic heritage places to protect them from damage during construction or unauthorised access; B. measures to mitigate adverse effects on historic heritage sites that achieve positive historic heritage outcomes such as increased public awareness and interpretation signage; and C. training requirements and inductions for contractors and subcontractors on historic heritage places within the designation, legal obligations relating to unexpected discoveries and the AUP Accidental Discovery Rule (E11.6.1). The training shall be undertaken prior to the Start of Construction, under the guidance of a Suitably Qualified Person and Mana Whenua representatives (to the extent the training relates to cultural values identified under Condition 16). Advice note: Accidental Discoveries The requirements for accidental discoveries of heritage items are set out in Rule E11.6.1 of the AUP.

29.	Pre-Construction Ecological Survey (a) At the start of detailed design for a Stage of Work, an updated ecological survey shall be undertaken in the relevant geographic area by a Suitably Qualified Person. The purpose of the survey is to inform ecological management by: (i) confirming whether the species of value within the Identified Biodiversity Areas recorded in the Identified Biodiversity Area Schedule 3 are still present; and (ii) confirming whether the project will or is likely to have a moderate or greater level of ecological effect on species of value (prior to implementation of impact management measures). The level of effect shall be determined in accordance with Table 10 of the EIANZ Guidelines (or subsequent updated version of that table) as included in Schedule 4 of these conditions. (b) If the ecological survey confirms the presence of ecological species of value in accordance with Condition 29(a)(i) and that effects are likely in accordance with Condition 29(a)(ii) then an Ecological Management Plan (or Plans) shall be prepared in accordance with Condition 30 for these areas (Confirmed Biodiversity Areas).
30.	Ecological Management Plan (EMP) (a) An EMP shall be prepared for any Confirmed Biodiversity Areas (confirmed through Condition 29) prior to the Start of Construction for a Stage of Work. The objective of the EMP is to minimise effects of the project on the ecological features of value in Confirmed Biodiversity Areas as far as practicable. (b) If an EMP is required in accordance with (a) for the presence of Threatened or At-Risk wetland birds, the EMP may include the following to achieve the objective: (i) details of any nesting bird surveys of Threatened or At-Risk wetland birds. Nesting bird surveys shall be undertaken within any wetland that is both within a Confirmed Biodiversity Area and located within a 50m radius of Construction Works. Surveys shall be undertaken prior to any such works taking place and repeated at the beginning of each wetland bird breeding season until the Completion of Construction; (ii) timing of any Construction Works which may have adverse effects on Threatened or At-Risk wetland birds. Those Construction Works shall be undertaken outside of the bird breeding season (September to February) where practicable; (iii) where works are required within the Confirmed Biodiversity Area during the bird breeding season, methods to minimise adverse effects on Threatened or At-Risk wetland birds; and (iv) details of what protection and buffer measures are proposed to manage effects on nesting Threatened or At-Risk wetland birds identified through a survey undertaken in accordance with Condition (b)(i). Proposed measures shall address: A. the type, intensity and duration of construction activity; B. the likely sensitivity of the nesting bird species to the construction activity; and C. any environmental features (e.g., vegetation and contour) that could influence the extent of potential adverse effects on the Threatened or At-Risk wetland birds. (c) The EMP shall be consistent with any ecological management measures to be undertaken in compliance with conditions of any regional resource consents granted for the project. Advice note: Depending on the potential effects of the project, the regional consents for the project may include the following monitoring and management plans: (i) stream and/or wetland restoration plans; (ii) vegetation restoration plans; and (iii) fauna management plans (e.g. avifauna).

31.	Network Utility Management Plan (NUMP) (a) A NUMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the NUMP is to set out a framework for protecting, relocating and working in proximity to existing network utilities. (b) To achieve the objective, the NUMP shall include methods to: (i) provide access for maintenance at all reasonable times, or emergency works at all times during construction activities; (ii) protect and where necessary, relocate existing network utilities; (iii) manage the effects of dust and any other material potentially resulting from construction activities and able to cause material damage, beyond normal wear and tear to overhead transmission lines in the project area; (iv) demonstrate compliance with relevant standards and Codes of Practice including, where relevant, the NZECP 34:2001 New Zealand Electrical Code of Practice for Electrical Safe Distances 2001; AS/NZS 4853:2012 Electrical hazards on Metallic Pipelines, and AS/NZS 2885 Pipelines – Gas and Liquid Petroleum. (c) The NUMP shall be prepared in consultation with the relevant Network Utility Operator(s) who have existing assets that are directly affected by the project. (d) The development of the NUMP shall consider opportunities to coordinate future work programmes with other Network Utility Operator(s) during detailed design where practicable. (e) The NUMP shall describe how any comments from the Network Utility Operator in relation to its assets have been addressed. (f) Any comments received from the Network Utility Operator shall be considered when finalising the NUMP. (g) Any amendments to the NUMP related to the assets of a Network Utility Operator shall be prepared in consultation with that asset owner.
32.	Network Integration Management Plan (NIMP) (a) At least six months prior to the start of detailed design for a Stage of Work, the Requiring Authority shall prepare, in collaboration with other relevant road controlling authorities, a NIMP. (b) The objective of the NIMP is to identify how the project will integrate with the planned transport network in the North Growth Area to achieve an effective, efficient and safe land transport system. To achieve this objective, the NIMP shall include details of the: (i) project implementation approach and any staging of the project, including both design, management and operational matters; and (ii) sequencing of the project with the planned transport network, including both design, management and operational matters.
Operational conditions	

33.	Low Noise Road Surface (a) Asphaltic concrete surfacing (or equivalent low noise road surface) shall be implemented within 12 months of Completion of Construction of the project. (b) The asphaltic concrete surface shall be maintained as far as practicable to retain the noise reduction performance of the surface established in accordance with (a), unless Condition 34 applies.
34.	Future Resurfacing Work (a) Any future resurfacing works of the project shall be undertaken in accordance with the Auckland Transport Reseal Guidelines, Asset Management and Systems 2013 or any updated version and asphaltic concrete surfacing (or equivalent low noise road surface) shall be implemented where: (i) the volume of traffic exceeds 10,000 vehicles per day; (ii) the road is subject to high wear and tear (such as cul de sac heads, roundabouts and main road intersections); (iii) it is in an industrial or commercial area where there is a high concentration of truck traffic; or (iv) it is subject to high usage by pedestrians, such as town centres, hospitals, shopping centres and schools. (b) Prior to commencing any future resurfacing works, the Requiring Authority shall advise the Manager if any of the triggers in Condition 34(a)(i) – (iv) are not met by the road or a section of it and therefore where the application of asphaltic concrete surfacing (or equivalent low noise road surface) is no longer required on the road or a section of it. Such advice shall also indicate when any resealing is to occur.
	Traffic Noise For the purposes of Conditions 35 to 40: (a) Building-Modification Mitigation – has the same meaning as in NZS 6806; (b) Design year has the same meaning as in NZS 6806; (c) Detailed Mitigation Options – means the fully detailed design of the Selected Mitigation Options, with all practical issues addressed; (d) Habitable Space – has the same meaning as in NZS 6806; (e) Identified Noise Criteria Category – means the Noise Criteria Category for a PPF identified in Schedule 5: Identified PPFs Noise Criteria Categories; (f) Mitigation – has the same meaning as in NZS 6806:2010 Acoustics – Road-traffic noise – New and altered roads; (g) Noise Criteria Categories – means the groups of preference for sound levels established in accordance with NZS 6806 when determining the Best Practicable Option for noise mitigation (i.e. Categories A, B and C); (h) NZS 6806 – means New Zealand Standard NZS 6806:2010 Acoustics – Road-traffic noise – New and altered roads; (i) Protected Premises and Facilities (PPFs) – means only the premises and facilities identified in Schedule 5: Identified PPFs Noise Criteria Categories; (j) Selected Mitigation Options – means the preferred mitigation option resulting from a Best Practicable Option assessment undertaken in accordance with NZS 6806 taking into account any low noise road surface to be implemented in accordance with Condition 33; and (k) Structural Mitigation – has the same meaning as in NZS 6806.
35.	The Noise Criteria Categories identified in Schedule 5: Identified PPFs Noise Criteria Categories at each of the PPFs shall be achieved where practicable and subject to Conditions 35 to 40 (all traffic noise conditions). The Noise Criteria Categories do not need to be complied with at a PPF where: (a) the PPF no longer exists; or (b) agreement of the landowner has been obtained confirming that the Noise Criteria Category does not need to be met. Achievement of the Noise Criteria Categories for PPFs shall be by reference to a traffic forecast for a high growth scenario in a design year at least 10 years after the programmed opening of the project.

36.	As part of the detailed design of the project, a Suitably Qualified Person shall determine the Selected Mitigation Options for the PPFs identified on Schedule 5: Identified PPFs Noise Criteria Categories. For the avoidance of doubt, the low noise road surface implemented in accordance with Condition 33 may be (or be part of) the Selected Mitigation Option(s).
37.	Prior to the Start of Construction of the project, a Suitably Qualified Person shall develop the Detailed Mitigation Options for the PPFs identified in Schedule 5: Identified PPFs Noise Criteria Categories, taking into account the Selected Mitigation Options.
38.	If the Detailed Mitigation Options would result in the Identified Noise Criteria Category changing to a less stringent Category, e.g. from Category A to B or Category B to C, at any relevant PPF, a Suitably Qualified Person shall provide confirmation to the Manager that the Detailed Mitigation Option would be consistent with adopting the Best Practicable Option in accordance with NZS 6806 prior to implementation.
39.	The Detailed Mitigation Options shall be implemented prior to Completion of Construction of the project, with the exception of any low-noise road surfaces, which shall be implemented within 12 months of Completion of Construction.
40.	Any barriers required by the Detailed Mitigation Options shall be maintained so they retain their noise reduction performance as far as practicable.

Attachments

Schedule 1: General Accordance Plans and Information

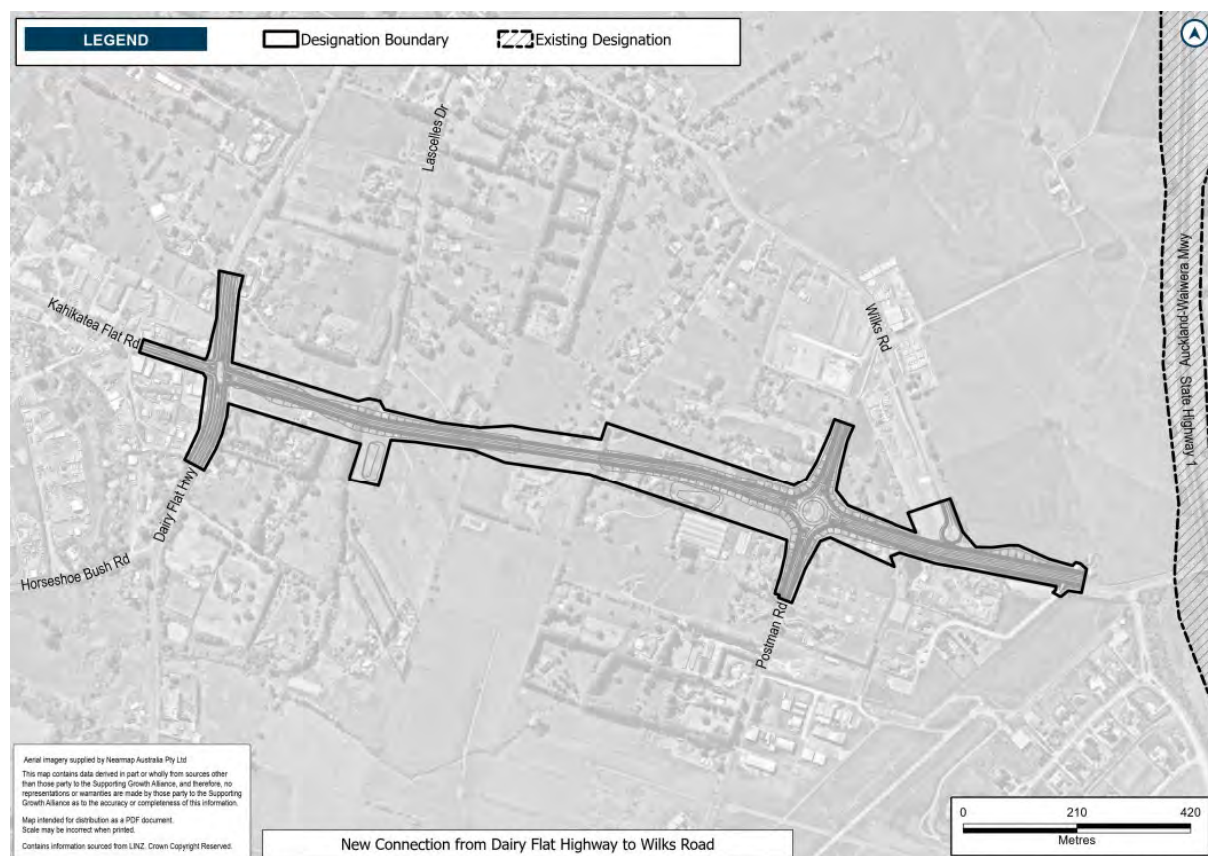
Project Description

The proposed work is the construction, operation and maintenance of an urban arterial corridor between Dairy Flat Highway (at the intersection of Kahikatea Flat Road) and Wilks Road, Dairy Flat, including active mode and public transport facilities and associated infrastructure.

The proposed work is shown in the following Concept Plan and includes:

- Construction of a new urban arterial corridor connection with public transport and active mode facilities.
- Tie-ins with existing roads and localised widening around the existing intersections to accommodate new intersection forms.
- New or upgraded stormwater management systems, bridges and culverts (where applicable).
- Batter slopes, and associated cut and fill activities (earthworks).
- Vegetation removal.
- Other construction related activities required outside the permanent corridor including the re-grade of driveways, construction traffic manoeuvring and construction laydown areas.

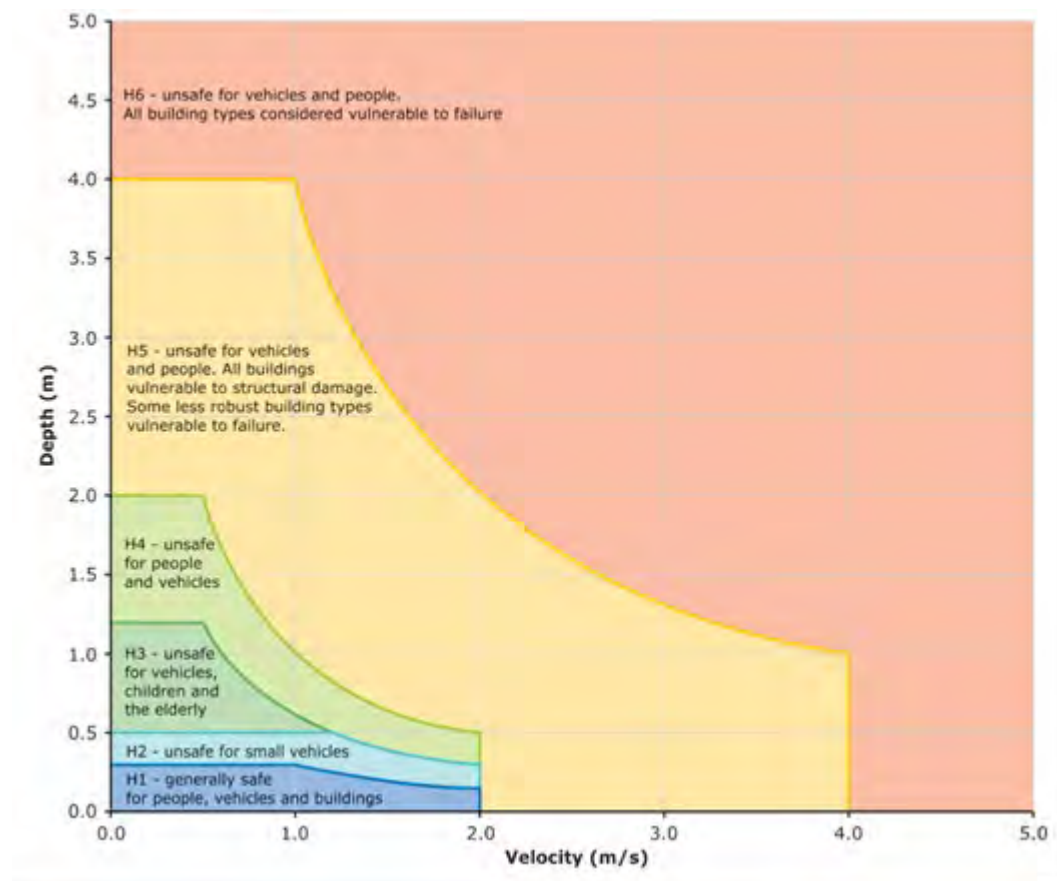
Concept Plan



Schedule 2 – Flood Hazard Class

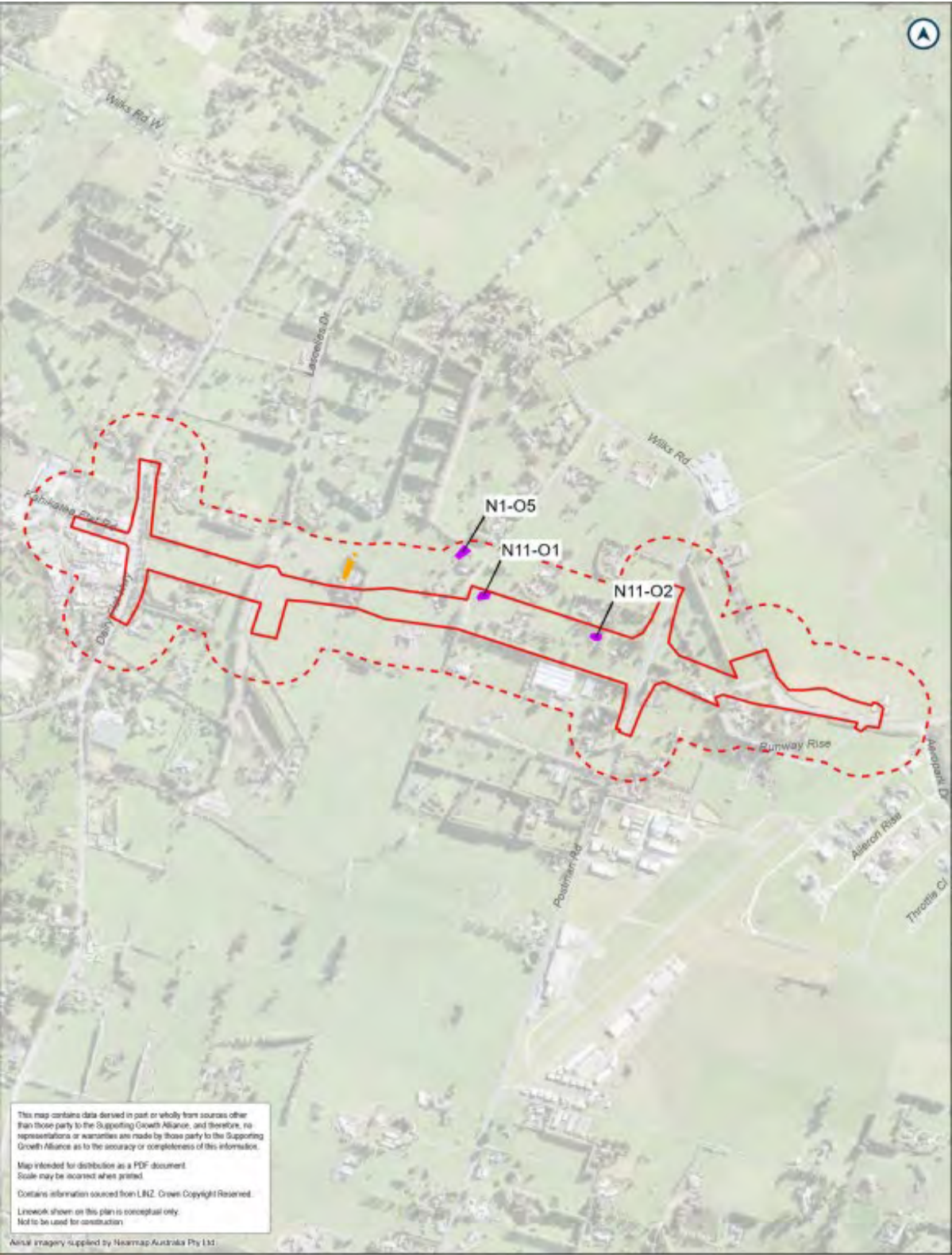
The combined flood hazard curves shown below set hazard thresholds that relate to the vulnerability of the community when interacting with floodwaters. The combined curves are divided into hazard classifications that relate to specific vulnerability thresholds

The vulnerability thresholds identified in the flood hazard curves can be applied to the best description of flood behaviour available for a subject site. In this regard, the hazard curves can be applied equally to flood behaviour estimates from measured data, simpler 1D numerical modelling approaches, through to complex 2D model estimates with the level of accuracy and uncertainty of the flood hazard estimate linked to the method used to derive the flood behaviour estimate.



Source: Australian Rainfall and Runoff, Book 6, 2019

Schedule 3: Identified Biodiversity Areas



Schedule 4: Table 10 of the 2018 EIANZ Guidelines

Criteria for describing level of effects (Adapted from Regini (2000) and Boffa Miskell (2011))

Ecological Value → Magnitude ↓	Very high	High	Moderate	Low	Negligible
Very high	Very high	Very high	High	Moderate	Low
High	Very high	Very high	Moderate	Low	Very low
Moderate	High	High	Moderate	Low	Very low
Low	Moderate	Low	Low	Very low	Very low
Negligible	Low	Very low	Very low	Very low	Very low
Positive	Net gain	Net gain	Net gain	Net gain	Net gain

Schedule 5: Identified PPFs Noise Criteria Categories

Address	New or Altered Road	Noise Criteria Category
10 Kahikatea Flat Road	Altered	B
12 Kahikatea Flat Road	Altered	B
1424 Dairy Flat Highway	Altered	A
2 Horseshoe Bush Road	Altered	A
1452 Dairy Flat Highway	Altered	A
1440 Dairy Flat Highway	Altered	A
16 Kahikatea Flat Road	Altered	A
332 Postman Road	Altered	A
343 Postman Road	Altered	A
325 Postman Road	Altered	A
1448 Dairy Flat Highway	Altered	A
326 Postman Road	Altered	A
132 Wilks Road	Altered	A
1455 Dairy Flat Highway	Altered	A
323 Postman Road	Altered	A
1444 Dairy Flat Highway	Altered	A
1432 Dairy Flat Highway	Altered	A
363 Postman Road	Altered	A
322 Postman Road	Altered	A
14 Runway Rise	Altered	A
314 Postman Road	Altered	A
1428 Dairy Flat Highway	Altered	A
1412 Dairy Flat Highway	Altered	A
311 Postman Road	Altered	A
5 Runway Rise	Altered	A
2 Aileron Rise	Altered	A
17 Kahikatea Flat Road	Altered	A

4 Aileron Rise	Altered	A
8 Aileron Rise	Altered	A
174 Wilks Road	Altered	A
327 Postman Road	New	A
349 Postman Road	New	A
90 Wilks Road	New	A
65 Lascelles Drive	New	A
57 Lascelles Drive	New	A

Appendix H – Auckland Transport’s Modifications to NoR 12 conditions (clean)

[XXXX] Upgrade and Extension to Bawden Road

Designation Number	[XXXX]
Requiring Authority	Auckland Transport
Location	Bawden Road between Dairy Flat Highway in Dairy Flat and State Highway 1 at the Ō Mahurangi Penlink (Redvale) Interchange
Lapse Date	In accordance with section 184(1)(c) of the RMA, this designation shall lapse if not given effect to within 30 years from the date on which it is included in the AUP.

Purpose

The construction, operation and maintenance of an upgrade and extension to Bawden Road to an arterial transport corridor and associated facilities.

Conditions

Abbreviations and definitions

Acronym/Term	Definition
Activity sensitive to noise	Any dwelling, visitor accommodation, boarding house, marae, papakāinga, integrated residential development, retirement village, supported residential care, care centre, lecture theatre in a tertiary Education Facility, classroom in an Education Facility and healthcare facility with an overnight stay facility
AUP	Auckland Unitary Plan
BPO or Best Practicable Option	Has the same meaning as in section 2 of the RMA 1991
CEMP	Construction Environmental Management Plan
Certification of material changes to management plans	Confirmation from the Manager that a material change to a management plan has been prepared in accordance with the condition to which it relates. A material change to a management plan shall be deemed certified: (a) where the Requiring Authority has received written confirmation from the Manager that the material change to the management plan is certified; or (b) 10 working days from the submission of the material change to the management plan where no written confirmation of certification has been received
CMP	Cultural Monitoring Plan
CNVMP	Construction Noise and Vibration Management Plan
CNVMP Schedule or Schedule	A schedule to the CNVMP
Completion of Construction	When construction of the project (or part of the project) is complete and it is available for use
Confirmed Biodiversity Areas	Areas recorded in the Identified Biodiversity Area Schedule where the ecological values and effects have been confirmed through the ecological survey under Condition 27
Construction Works	Activities undertaken to construct the project excluding Enabling Works
Council	Auckland Council
CTMP	Construction Traffic Management Plan

Developer	Any legal entity that intends to master plan or develop land adjacent to the designation
Development Agency	Public entities involved in development projects
Education Facility	Facility used for education to secondary level. Includes: - schools and outdoor education facilities; and - accommodation, administrative, cultural, religious, health, retail and communal facilities accessory to the above. Excludes: - care centres; and - tertiary education facilities.
EIANZ Guidelines	Ecological Impact Assessment: EIANZ Guidelines for use in New Zealand: terrestrial and freshwater ecosystems, second edition, dated May 2018
EMP	Ecological Management Plan
Enabling Works	Includes, but is not limited to, the following and similar activities: - geotechnical investigations (including trial embankments); - archaeological site investigations; - formation of access for geotechnical investigations; - establishment of site yards, site entrances and fencing; - constructing and sealing site access roads; - demolition or removal of buildings and structures; - relocation of services; and - establishment of mitigation measures (such as erosion and sediment control measures, temporary noise walls, earth bunds and planting)
HHMP	Historic Heritage Management Plan
HNZPT	Heritage New Zealand Pouhere Taonga
HNZPTA	Heritage New Zealand Pouhere Taonga Act 2014
Identified Biodiversity Area	Means an area or areas of features of ecological value where the project ecologist has identified that the project will potentially have a moderate or greater level of ecological effect, prior to implementation of impact management measures, as determined in accordance with the EIANZ Guidelines
Manager	The Manager – Resource Consents of the Auckland Council, or authorised delegate
Mana Whenua	Mana Whenua as referred to in the conditions are considered to be, but not limited to, the following (in no particular order), who at the time of Notice of Requirement expressed a desire to be involved in the project: - Ngāti Manuhiri - Te Kawerau ā Maki - Te Ākitai Waiohū - Ngāti Whanaunga - Te Runanga o Ngāti Whātua - Ngāti Maru - Te Patu Kirikiri - Ngāti Whātua o Kaipara - Ngāti Tamaterā - Ngai Tai ki Tāmaki - Ngāti Paoa Iwi Trust - Ngāti Paoa Trust Board Note: other iwi not identified above may have an interest in the project and should be consulted
Network Utility Operator	Has the same meaning as set out in section 166 of the RMA
NIMP	Network Integration Management Plan

NoR	Notice of Requirement
North Growth Area	Land for future urban development in the North of Auckland, including Future Urban zoned areas in Ara Hills, Ōrewa, Wainui East, Silverdale West, Redvale and Dairy Flat
NUMP	Network Utilities Management Plan
Outline Plan	An outline plan prepared in accordance with section 176A of the RMA
Project Liaison Person	The person or persons appointed for the duration of the project's Construction Works to be the main point of contact for persons wanting information about the project or affected by the Construction Works
Protected Premises and Facilities (PPF)	Protected Premises and Facilities as defined in New Zealand Standard NZS 6806:2010: <i>Acoustics – Road-traffic noise – New and altered roads</i>
Requiring Authority	Has the same meaning as section 166 of the RMA and, for this designation is Auckland Transport
RMA	Resource Management Act 1991
SCEMP	Stakeholder Communication and Engagement Management Plan
Stakeholder	Stakeholders to be identified in accordance with Condition 4, which may include as appropriate: (a) adjacent owners and occupiers; (b) adjacent business owners and operators; (c) central and local government bodies; (d) community groups; (e) developers; (f) development agencies; (g) Education Facilities; and (h) Network Utility Operators.
Stage of Work	Any physical works that require the development of an Outline Plan
Start of Construction	The time when Construction Works (excluding Enabling Works) start
Suitably Qualified Person	A person (or persons) who can provide sufficient evidence to demonstrate their suitability, experience and competence in the relevant field of expertise.
ULDMP	Urban and Landscape Design Management Plan

General conditions	
1.	Activity in General Accordance with Plans and Information (a) Except as provided for in the conditions below, and subject to final design and Outline Plan(s), works within the designation shall be undertaken in general accordance with the project description and concept plan in Schedule 1. (b) Where there is inconsistency between: (i) the project description and concept plan in Schedule 1 and the requirements of the following conditions, the conditions shall prevail; (ii) the project description and concept plan in Schedule 1, and the management plans under the conditions of the designation, the requirements of the management plans shall prevail.
2.	Project Information (a) A project website, or equivalent virtual information source, shall be established as soon as reasonably practicable, and within six months of the inclusion of this designation in the AUP. This shall be updated as required so it remains current. (b) All directly affected owners and occupiers shall be notified in writing as soon as reasonably practicable once the website or equivalent information source has been established. The project website or virtual information source shall include these conditions and shall provide information on: (i) the status of the project; (ii) anticipated construction timeframes; (iii) contact details for enquiries; (iv) the implications of the designation for landowners, occupiers and business owners and operators within the designation and where they can receive additional advice; (v) a subscription service to enable receipt of project updates by email; (vi) the types of activities that can be undertaken by landowners without the need for written consent to be obtained under s176(1)(b) of the RMA; and (vii) when and how to apply for consent for works in the designation under section 176(1)(b) of the RMA. (c) At ten yearly intervals from the inclusion of this designation in the AUP until the start of detailed design, the Requiring Authority shall identify appropriate methods with the relevant Local Board(s) to: (i) inform the wider community of the project status; and (ii) raise awareness of the project website. (d) At the start of detailed design for a Stage of Work, the project website or virtual information source shall be updated to provide information on the likely date for Start of Construction, and any Staging of Works.

3.	Land use Integration Process (a) The Requiring Authority shall set up a Land use Integration Process for the period between confirmation of the designation and the Start of Construction. The purpose of this process is to encourage and facilitate the integration of master planning and land use development activity on land directly affected or adjacent to the designation. To achieve this purpose: (i) the Requiring Authority shall include the contact details of a nominated contact on the project website (or equivalent information source) required to be established by Condition 2(b)(iii); and (ii) the nominated contact shall be the main point of contact for a Developer or Development Agency wanting to work with the Requiring Authority to integrate their development plans or master planning with the designation. (b) At any time prior to the Start of Construction, the nominated contact will be available to engage with a Developer or Development Agency for the purpose of: (i) responding to requests made to the Requiring Authority for information regarding design details that could assist with land use integration; and (ii) receiving information from a Developer or Development Agency regarding master planning or land development details that could assist with land use integration. (c) Information requested or provided under Condition 3(b) above may include but not be limited to the following matters: (i) design details including but not limited to: A. boundary treatment (e.g. the use of retaining walls or batter slopes); B. the horizontal and vertical alignment of the road (levels); C. potential locations for mid-block crossings; D. integration of stormwater infrastructure; and E. traffic noise modelling contours. (ii) potential modifications to the extent of the designation in response to information received through Condition 3(b)(ii); (iii) a process for the Requiring Authority to undertake a technical review of or provide comments on any master planning or development proposal advanced by the Developer or Development Agency as it relates to integration with the project; and (iv) details of how to apply for written consent from the Requiring Authority for any development proposal that relates to land that is within the designation under section 176(1)(b) of the RMA. (d) Where information is requested from the Requiring Authority and is available, the nominated contact shall provide the information unless there are reasonable grounds for not providing it. (e) The nominated contact shall maintain a record of the engagement between the Requiring Authority and Developers and Development Agencies for the period following the date in which this designation is included in the AUP through to the Start of Construction for a Stage of Work. The record shall include: (i) details of any requests made to the Requiring Authority that could influence detailed design, the results of any engagement and, where such requests that could influence detailed design are declined, the reasons why the Requiring Authority has declined the requests; and (ii) details of any requests to co-ordinate the forward work programme, where appropriate, with Development Agencies and Network Utility Operators. (f) The record shall be submitted to Council for information 10 working days prior to the Start of Construction for a Stage of Work.

4.	Stakeholder Communication and Engagement Design (a) At least six months prior to the start of detailed design for a Stage of Work, the Requiring Authority shall identify: (i) a list of Stakeholders; (ii) a list of properties within the designation which the Requiring Authority does not own or have occupation rights to; and (iii) methods to engage with Stakeholders and the owners and occupiers of properties identified in (a)(i) – (ii) above. (b) A record of (a) shall be submitted to the Manager for information with an Outline Plan for the relevant Stage of Work.
5.	Designation Review <u>Pre-construction review</u> If the land adjacent to the designation is re-zoned from Future Urban or any live urban zone to any rural zone (once made operative in the Auckland Unitary Plan), the Requiring Authority shall review the extent of the designation. In carrying out this review, the Requiring Authority shall: (i) Consider the implications of any zoning change and integration of land use with the transport network in the North Growth Area; (ii) Identify whether any areas of designated land are no longer required for the construction, operation, maintenance or mitigation of effects of the project; and (iii) Consider whether the boundaries of the designation require modification in accordance with section 182 of the RMA. <u>Post-construction review</u> As soon as reasonably practicable following Completion of Construction, the Requiring Authority shall: (i) review the extent of the designation to identify any areas of designated land that it no longer requires for the on-going operation, maintenance or mitigation of effects of the project; and (ii) give notice to the Manager in accordance with section 182 of the RMA for the removal of those parts of the designation identified above.
6.	Lapse In accordance with section 184(1)(c) of the RMA, this designation shall lapse if not given effect to within 30 years from the date on which it is included in the AUP.
7.	Network Utility Operators (Section 176 Approval) (a) Prior to the Start of Construction, Network Utility Operators with existing infrastructure located within the designation will not require written consent under section 176 of the RMA for the following activities: (i) operation, maintenance and repair works; (ii) minor renewal works to existing network utilities necessary for the on-going provision or security of supply of network utility operations; (iii) minor works such as new service connections; and (iv) the upgrade and replacement of existing network utilities in the same location with the same or similar effects on the works authorised by the designation as the existing utility. (b) To the extent that a record of written approval is required for the activities listed above, this condition shall constitute written approval.

8.	General Section 176 Approval (a) Prior to the start of the formal acquisition process under the Public Works Act 1981 for a property, or submission of the Outline Plan, persons on properties zoned Rural or Future Urban will not require written consent under section 176 of the RMA for the following activities: (i) Internal alterations; (ii) Repair of existing utility services; (iii) One extension to an existing structure as at 2023, up to 30m²; (iv) Temporary or relocatable structures, provided they are removed from the site and the land is reinstated (including closing and capping any associated services) at the landowner's expense prior to the Start of Construction. The landowner shall be responsible for any resource consent required for the structures, their removal or relocation. (b) To the extent that a record of written approval is required for the activities listed above, this condition shall constitute written approval.
Pre-construction conditions	
9.	Outline Plan (a) An Outline Plan (or Plans) shall be prepared in accordance with section 176A of the RMA. (b) Outline Plans (or Plan) may be submitted in parts or in stages to address particular activities (e.g. design or construction aspects), or a Stage of Work of the project. (c) Outline Plans shall include any management plan or plans that are relevant to the management of effects of those activities or Stage of Work, which may include: (i) Construction Environmental Management Plan; (ii) Construction Traffic Management Plan; (iii) Construction Noise and Vibration Management Plan; (iv) Urban and Landscape Design Management Plan; (v) Historic Heritage Management Plan; (vi) Ecological Management Plan; (vii) Network Utilities Management Plan; and (viii) Network Integration Management Plan.
	Flood Hazard For the purpose of Condition 10: (a) AEP – means Annual Exceedance Probability; (b) Existing Authorised Habitable Floor – means the floor level of any room (floor) in a residential building which is authorised and exists at the time the Outline Plan is submitted, excluding a laundry, bathroom, toilet or any room used solely as an entrance hall, passageway or garage; (c) Flood Prone Area – means potential ponding areas that may flood in a 1% AEP event and commonly comprise of topographical depression areas. The areas can occur naturally or as a result of constructed features. Identification of a potential Flood Prone Area would be by an assessment of residual flood risk in a 1% AEP event (e.g. from blockage of the project stormwater network) on land outside and adjacent to the designation following the application of Conditions (10)(a)(i) – (iv). (d) Maximum Probable Development – is the design case for consideration of future flows allowing for development within a catchment that takes into account the maximum impervious surface limits of the current zone or if the land is zoned Future Urban in the AUP, the probable level of development arising from zone changes; (e) Pre-Project Development – means existing site condition prior to the project (including existing buildings and roadways); and (f) Post-Project Development – means site condition after the project has been completed (including existing and new buildings and roadways).

10.	Flood Hazard (a) The project shall be designed to achieve the following flood risk outcomes beyond the boundary of the designation: (i) no increase in flood levels in a 1% AEP event for Existing Authorised Habitable Floors that are already subject to flooding or have a freeboard less than 500mm; (ii) no increase in flood levels in a 1% AEP event for authorised community, commercial, industrial and network utility building floors existing at the time the Outline Plan is submitted that are already subject to flooding or have a freeboard less than 300mm; (iii) maximum of 50mm increase in flood levels in a 1% AEP event outside and adjacent to the designation boundary between the Pre-Project Development and Post-Project Development scenarios; (iv) no increase of Flood Hazard Class for the main access to authorised habitable dwellings existing at the time the Outline Plan is submitted. The assessment shall be undertaken for the 1% AEP rainfall event and reference the hazard class in accordance with Schedule 2 to these conditions; and (v) no new Flood Prone Areas. (b) Compliance with this condition shall be demonstrated in the Outline Plan, which shall include flood modelling of the Pre-Project Development and Post-Project Development 1% AEP flood levels (for Maximum Probable Development land use with allowances for climate change). (c) Where: (i) the flood risk outcomes in (a) can be achieved through alternative measures outside of the designation such as flood stop banks, flood walls, raising Existing Authorised Habitable Floor level and new overland flow paths; or (ii) the outcomes are varied at specific location(s) through agreement with the relevant landowner, confirmation shall be provided to the Manager that any necessary landowner agreement and statutory approvals have been obtained for that alternative measure or varied outcome.
11.	Existing property access Prior to submission of the Outline Plan, consultation shall be undertaken with landowners and occupiers whose vehicle access to their property will be altered by the project. The Outline Plan shall demonstrate how safe reconfigured or alternate access will be provided, unless otherwise agreed with the affected landowner.

12.	Management Plans (a) Any management plan shall: (i) be prepared and implemented in accordance with the relevant management plan condition; (ii) be prepared by a Suitably Qualified Person(s); (iii) include sufficient detail relating to the management of effects associated with the relevant activities and/or Stage of Work to which it relates; (iv) be submitted as part of an Outline Plan pursuant to section 176A of the RMA, with the exception of SCEMPs and CNVMP Schedules; and (v) once finalised, uploaded to the project website or equivalent virtual information source. (b) Any management plan developed in accordance with Condition 12 may: (i) be submitted in parts or in stages to address particular activities (e.g. design or construction aspects), a Stage of Work of the project, or to address specific activities authorised by the designation; and (ii) except for material changes, be amended to reflect any changes in design, construction methods or management of effects without further process; (c) Information shall be submitted with the management plan (or revised plan as referred to in (d) below) which summarises outcomes of consultation and any input received from Mana Whenua and Stakeholders as required by the relevant management plan condition. The summary shall note how this input has been incorporated or reflected in the management plan, or if not, the reasons why; (d) If there is a material change required to a management plan which has been submitted with an Outline Plan, the revised part of the plan shall be submitted to the Manager as an update to the Outline Plan or for Certification as soon as practicable following identification of the need for a revision; and (e) Any material changes to the SCEMP(s) are to be submitted to the Manager for information.
13.	Stakeholder Communication and Engagement Management Plan (SCEMP) (a) A SCEMP shall be prepared in consultation with relevant Stakeholders prior to the Start of Construction. The objective of the SCEMP is to identify how the public and Stakeholders will be engaged with throughout Construction Works. (b) To achieve the objective, the SCEMP shall include: (i) a list of Stakeholders; (ii) the contact details for the Project Liaison Person. These details shall be on the project website, or equivalent virtual information source, and prominently displayed at the main entrance(s) to the site(s); (iii) methods for engaging with Mana Whenua, to be developed in consultation with Mana Whenua; (iv) methods and timing to engage with owners and occupiers whose access is directly affected; (v) methods to communicate key project milestones and the proposed hours of construction activities including outside of normal working hours and on weekends and public holidays, to the parties identified in (b)(i) above; and (vi) linkages and cross-references to communication and engagement methods set out in other conditions and management plans where relevant. (c) Any SCEMP prepared for a Stage of Work shall be submitted to the Manager for information a minimum of 10 working days prior to the Start of Construction for a Stage of Work.

14.	Cultural Advisory Report (a) At least six months prior to the start of detailed design for a Stage of Work, Mana Whenua shall be invited to prepare a Cultural Advisory Report for the project. The objective of the Cultural Advisory Report is to assist in understanding and identifying ngā taonga tuku iho (treasures handed down by our ancestors) affected by the project, to inform their management and protection. (b) To achieve the objective, the Requiring Authority shall invite Mana Whenua to prepare a Cultural Advisory Report that: (i) identifies the cultural sites, landscapes and values that have the potential to be affected by the construction and operation of the project; (ii) sets out the desired outcomes for management of potential effects on cultural sites, landscapes and values; (iii) identifies traditional cultural practices within the area that may be impacted by the project; (iv) identifies opportunities for restoration and enhancement of identified cultural sites, landscapes and values within the project area; (v) taking into account the outcomes of (i) to (iv) above, identify cultural matters and principles that should be considered in the development of the ULDMP (Condition 15) and HHMP (Condition 26) and the CMP referred to in Condition 20; and (vi) identifies and (if possible) nominates traditional names along the project alignment. Noting there may be formal statutory processes outside the project required in any decision-making. (c) The desired outcomes for management of potential effects on cultural sites, landscapes and values identified in the Cultural Advisory Report shall be discussed with Mana Whenua and those outcomes reflected in the relevant management plans where practicable; and (d) Conditions 14(b) and (c) will cease to apply if: (i) Mana Whenua have been invited to prepare a Cultural Advisory Report by a date at least six months prior to the Start of Construction; and (ii) Mana Whenua have not provided a Cultural Advisory Report within six months prior to the Start of Construction.
	Urban and Landscape Design Management Plan (ULDMP)
15.	(a) A ULDMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the ULDMP(s) is to: (i) enable integration of the project's permanent works into the surrounding landscape and urban context; and (ii) ensure that the project manages potential adverse landscape and visual effects as far as practicable and contributes to a quality urban environment. (b) Mana Whenua shall be invited to participate in the development of the ULDMP(s) to provide input into relevant cultural landscape and design matters including how desired outcomes for management of potential effects on cultural sites, landscapes and values identified and discussed in the Cultural Advisory Report in Condition 14 may be reflected in the ULDMP. (c) Relevant Stakeholders shall be invited to participate in the development of the ULDMP at least six months prior to the start of detailed design for a Stage of Work.

16.	(a) To achieve the objective set out in Condition 15, the ULDMP(s) shall provide details of how the project: (i) is designed to integrate with the adjacent urban (or proposed urban) and landscape context, including the surrounding existing or proposed topography, urban environment (eg. centres and density of built form), natural environment, landscape character and open space zones; (ii) provides appropriate walking and cycling connectivity to, and interfaces with, existing or proposed adjacent land uses, public transport infrastructure and walking and cycling connections; (iii) promotes inclusive access (where appropriate); (iv) promotes a sense of personal safety by aligning with best practice guidelines, such as: A. Crime Prevention Through Environmental Design (CPTED) principles; B. Safety in Design (SID) requirements; and C. Maintenance in Design (MID) requirements and anti-vandalism/anti-graffiti measures; (v) has responded to matters identified through the Land use Integration Process (Condition 3); and (b) The ULDMP shall be prepared in general accordance with: (i) Auckland Transport's Urban Roads and Streets Design Guide, or any subsequent or updated version; (ii) New Zealand Transport Agency Urban Design Guidelines: Bridging the Gap (2013) or any subsequent updated version; (iii) New Zealand Transport Agency Landscape Guidelines (2018) or any subsequent updated version; (iv) New Zealand Transport Agency P39 Standard Specification for Highway Landscape Treatments (2013) or any subsequent updated version; and (v) Auckland's Urban Ngahere (Forest) Strategy or any subsequent updated version.

17.	The ULDMP(s) shall include: (a) a concept plan – which depicts the overall landscape and urban design concept, and explain the rationale for the landscape and urban design proposals; (b) developed design concepts, including principles for walking and cycling facilities and public transport; (c) landscape and urban design details – that cover the following: (i) road design – elements such as intersection form, carriageway gradient and associated earthworks contouring including cut and fill batters and the interface with adjacent land uses and existing roads (including slip lanes), benching, spoil disposal sites, median width and treatment, roadside width and treatment; (ii) roadside elements – such as lighting, fencing, wayfinding and signage; (iii) architectural and landscape treatment of all major structures, including bridges and retaining walls; (iv) architectural and landscape treatment of noise barriers; (v) landscape treatment and planting of permanent stormwater control wetlands and swales; (vi) integration of passenger transport; (vii) pedestrian and cycle facilities including paths, road crossings and dedicated pedestrian/ cycle bridges or underpasses; (viii) historic heritage places with reference to the HHMP (Condition 26); and (ix) re-instatement of construction and site compound areas; and (x) features disturbed during construction and intended to be reinstated such as: A. boundary features; B. driveways; C. accessways; and D. fences. (d) the ULDMP shall also include the following planting and maintenance details: (i) planting design details including: A. identification of existing trees and vegetation that will be retained with reference to the EMP (Condition 28). Where practicable, mature trees and native vegetation should be retained; B. street trees, shrubs and ground cover suitable for the location; C. treatment of fill slopes to integrate with adjacent land use, streams, riparian margins and open space zones; D. identification of any planting requirements under the EMP (Condition 28); E. integration of any planting required by conditions of any resource consents for the project; and F. re-instatement planting of construction and site compound areas as appropriate. (ii) a planting programme including the staging of planting in relation to the construction programme which shall, as far as practicable, include provision for planting within each planting season following completion of each Stage of Work; and (iii) detailed specifications relating to the following: A. weed control and clearance; B. pest animal management (to support plant establishment); C. ground preparation (top soiling and decompaction); D. mulching; and E. plant sourcing and planting, including hydroseeding and grassing, and use of eco-sourced species.
Construction conditions	

18.	Construction Environmental Management Plan (CEMP) (a) A CEMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the CEMP is to set out the management procedures and construction methods to be undertaken to avoid, remedy or mitigate any adverse effects associated with Construction Works as far as practicable. (b) To achieve the objective, the CEMP shall include: (i) the roles and responsibilities of staff and contractors; (ii) details of the site or project manager and the Project Liaison Person, including their contact details (phone and email address); (iii) the Construction Works programmes and the staging approach, and the proposed hours of work; (iv) details of the proposed construction yards including temporary screening when adjacent to residential areas; (v) details of the proposed construction lighting; (vi) methods for controlling dust and the removal of debris and demolition of construction materials from public roads or places; (vii) methods for providing for the health and safety of the general public; (viii) measures to mitigate flood hazard effects such as siting stockpiles out of floodplains, minimising obstruction to flood flows, actions to respond to warnings of heavy rain; (ix) procedures for incident management; (x) location and procedures for the refuelling and maintenance of plant and equipment to avoid discharges of fuels or lubricants to watercourses; (xi) 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; (xii) procedures for responding to complaints about Construction Works; and (xiii) methods for amending and updating the CEMP as required.
19.	Complaints Process (a) At all times during Construction Works, a record of any complaints received about the Construction Works shall be maintained. The record shall include: (i) the date, time and nature of the complaint; (ii) the name, phone number and address of the complainant (unless the complainant wishes to remain anonymous); (iii) measures taken to respond to the complaint (including a record of the response provided to the complainant) or confirmation of no action if deemed appropriate; (iv) the outcome of the investigation into the complaint; and (v) any other activities in the area, unrelated to the project that may have contributed to the complaint, such as non-project construction, fires, traffic accidents or unusually dusty conditions generally. (b) A copy of the complaints record required by this condition shall be made available to the Manager upon request as soon as practicable after the request is made.

20.	Cultural Monitoring Plan (CMP) (a) Prior to the Start of Construction, a CMP shall be prepared by a Suitably Qualified Person(s) identified in collaboration with Mana Whenua. The objective of the CMP is to identify methods for undertaking cultural monitoring to assist with management of any cultural effects during Construction Works. (b) To achieve the objective, the CMP shall include: (i) requirements for formal dedication or cultural interpretation to be undertaken prior to the Start of Construction in areas identified as having significance to Mana Whenua; (ii) requirements and protocols for cultural inductions for contractors and subcontractors; (iii) identification of activities, sites and areas where cultural monitoring is required during particular Construction Works; (iv) identification of personnel to undertake cultural monitoring, including any geographic definition of their responsibilities; and (v) details of personnel to assist with management of any cultural effects identified during cultural monitoring, including implementation of the Accidental Discovery Protocol. (c) If Enabling Works involving soil disturbance are undertaken prior to the Start of Construction, an Enabling Works CMP shall be prepared by a Suitably Qualified Person identified in collaboration with Mana Whenua. This plan may be prepared as a standalone Enabling Works CMP or be included in the main Construction Works CMP. Advice note: Where appropriate, the CMP shall align with the requirements of other conditions of the designation and resource consents for the project which require monitoring during Construction Works.

21.	Construction Traffic Management Plan (CTMP) (a) A CTMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the CTMP is to avoid, remedy or mitigate, as far as practicable, adverse construction traffic effects. (b) To achieve this objective, the CTMP shall include: (i) methods to manage the effects of temporary traffic management activities on traffic; (ii) measures to ensure the safety of all transport users; (iii) the estimated numbers, frequencies, routes and timing of traffic movements, including any specific non-working or non-movement hours to manage vehicular and pedestrian traffic near Education Facilities or to manage traffic congestion; (iv) site access routes and access points for heavy vehicles, the size and location of parking areas for plant, construction vehicles and the vehicles of workers and visitors; (v) identification of detour routes and other methods to ensure the safe management and maintenance of traffic flows, including public transport, pedestrians and cyclists; (vi) methods to maintain access to and within property and/or private roads where practicable, or to provide alternative arrangements when it will not be, including details of how access is managed for loading and unloading of goods; (vii) the management approach to loads on heavy vehicles, including covering loads of fine material, the use of wheel-wash facilities at site exit points and the timely removal of any material deposited or spilled on public roads; (viii) methods that will be undertaken to communicate traffic management measures to affected road users (e.g. residents / public / Stakeholders / emergency services); (ix) details of minimum network performance parameters during the construction phase, including any measures to monitor compliance with the performance parameters; and (x) details of any measures proposed to be implemented in the event of thresholds identified in (ix) being exceeded. (c) Auditing, monitoring and reporting requirements relating to traffic management activities shall be undertaken in accordance with the New Zealand Guide to Temporary Traffic Management (April 2023) or any subsequent version.

22.

Construction Noise Standards

(a) Construction noise shall be measured and assessed in accordance with NZS6803:1999 Acoustics – Construction Noise and shall comply with the noise standards set out in the following table as far as practicable:

Table 22-1 Construction Noise Standards

Day of week	Time period	L _{Aeq} (15min)	L _{AFmax}
Occupied activity sensitive to noise			
Weekday	0630h - 0730h	55 dB	75 dB
	0730h - 1800h	70 dB	85 dB
	1800h - 2000h	65 dB	80 dB
	2000h - 0630h	45 dB	75 dB
Saturday	0630h - 0730h	45 dB	75 dB
	0730h - 1800h	70 dB	85 dB
	1800h - 2000h	45 dB	75 dB
	2000h - 0630h	45 dB	75 dB
Sunday and Public Holidays	0630h - 0730h	45 dB	75 dB
	0730h - 1800h	55 dB	85 dB
	1800h - 2000h	45 dB	75 dB
	2000h - 0630h	45 dB	75 dB
Other occupied buildings			
All	0730h – 1800h	70 dB	
	1800h – 0730h	75 dB	

(b) Where compliance with the noise standards set out in Table 22-1 is not practicable, the methodology in Condition 25 shall apply.

23.

Construction Vibration Standards

(a) Construction vibration shall be measured in accordance with ISO 4866:2010 Mechanical vibration and shock – Vibration of fixed structures – Guidelines for the measurement of vibrations and evaluation of their effects on structures and shall comply with the vibration standards set out in the following table as far as practicable.

Table 23-1 Construction Vibration Standards

Receiver	Details	Category A*	Category B**
Occupied activities sensitive to noise	Night-time 2000h - 0630h	0.3mm/s ppv	2mm/s ppv
	Daytime 0630h - 2000h	2mm/s ppv	5mm/s ppv
Other occupied buildings	Daytime 0630h - 2000h	2mm/s ppv	5mm/s ppv
All other buildings	At all other times	Tables 1 and 3 of DIN4150-3:1999	

* Category A criteria adopted from Rule E25.6.30.1 of the AUP

** Category B criteria based on DIN 4150-3:1999 building damage criteria for daytime

(b) Where compliance with the vibration standards set out in Table 23-1 is not practicable, the methodology in Condition 25 shall apply.

24.	Construction Noise and Vibration Management Plan (CNVMP) (a) A CNVMP shall be prepared prior to the Start of Construction for Stage of Work. A CNVMP shall be implemented during the Stage of Work to which it relates. The objective of the CNVMP is to provide a framework for the development and implementation of the Best Practicable Option for the management of construction noise and vibration effects to achieve the construction noise and vibration standards set out in Conditions 22 and 23 to the extent practicable. (b) To achieve the objective, the CNVMP shall be prepared in accordance with Annex E2 of the New Zealand Standard NZS6803:1999 'Acoustics – Construction Noise' (NZS6803:1999) and shall as a minimum, address the following: (i) description of the works and anticipated equipment/processes; (ii) hours of operation, including times and days when construction activities would occur; (iii) the construction noise and vibration standards for the project; (iv) identification of receivers where noise and vibration standards apply; (v) a hierarchy of management and mitigation options, including any requirements to limit night works and works during other sensitive times, including Sundays and public holidays as far as practicable; (vi) methods and frequency for monitoring and reporting on construction noise and vibration; (vii) procedures for communication and engagement with nearby residents and Stakeholders, including notification of proposed construction activities, the period of construction activities, and management of noise and vibration complaints; (viii) contact details of the Project Liaison Person; (ix) procedures for the regular training of the operators of construction equipment to minimise noise and vibration as well as expected construction site behaviours for all workers; (x) procedures and requirements for the preparation of a Schedule to the CNVMP (Schedule) for those areas where compliance with the noise Condition 22 and/or vibration standards Condition 23 Category B will not be practicable; (xi) identification of trigger levels for undertaking building condition surveys, which shall be Category B day time levels; (xii) procedures and trigger levels for undertaking building condition surveys before and after works to determine whether any cosmetic or structural damage has occurred as a result of construction vibration; (xiii) methodology and programme of desktop and field audits and inspections to be undertaken to ensure that the CNVMP, Schedules and the Best Practicable Option for management of effects are being implemented; and (xiv) requirements for review and update of the CNVMP.

25.	Schedule to a CNVMP (a) A Schedule to the CNVMP (Schedule) shall be prepared prior to the Start of Construction of an activity to which it relates by a Suitably Qualified Person, in consultation with the owners and occupiers of sites subject to the Schedule, when: (i) construction noise is either predicted or measured to exceed the noise standards in Condition 22, except where the exceedance of the L_{Aeq} criteria is no greater than 5 decibels and does not exceed: A. 0630 – 2000: 2 periods of up to 2 consecutive weeks in any 2 months; or B. 2000 - 0630: 1 period of up to 2 consecutive nights in any 10 days; (ii) construction vibration is either predicted or measured to exceed the Category B standard at the receivers in Condition 23. (b) The objective of the Schedule is to set out the Best Practicable Option measures to manage noise and/or vibration effects of the construction activity beyond those measures set out in the CNVMP. (c) To achieve the objective, the Schedule shall include details such as: (i) construction activity location, start and finish dates; (ii) the nearest neighbours to the construction activity; (iii) the predicted noise and/or vibration level for all receivers where the levels are predicted or measured to exceed the applicable standards and predicted duration of the exceedance; (iv) for works proposed between 2000h and 0630h, the reasons why the proposed works must be undertaken during these hours and why they cannot be practicably undertaken during the daytime; (v) the proposed mitigation options that have been selected, and the options that have been discounted as being impracticable and the reasons why; (vi) the consultation undertaken with owners and occupiers of sites subject to the Schedule, and how consultation has and has not been taken into account; and (vii) location, times and types of monitoring. (d) The Schedule shall be submitted to the Manager for Certification at least five working days (except in unforeseen circumstances) in advance of Construction Works that are covered by the scope of the Schedule and shall form part of the CNVMP. (e) The CNVMP Schedule shall be deemed certified five working days from the submission of the CNVMP Schedule where no written confirmation of Certification has been received. (f) Where material changes are made to a Schedule required by this condition, the Requiring Authority shall consult the owners and/or occupiers of sites subject to the Schedule prior to submitting the amended Schedule to the Manager for Certification in accordance with (d) above. The amended Schedule shall document the consultation undertaken with those owners and occupiers, and how consultation outcomes have and have not been taken into account.

26.	Historic Heritage Management Plan (HHMP) (a) A HHMP shall be prepared in consultation with Council, HNZPT and Mana Whenua prior to the Start of Construction for a Stage of Work. The objective of the HHMP is to protect historic heritage and to remedy and mitigate any residual effects as far as practicable. (b) To achieve the objective, the HHMP shall identify: (i) any adverse direct and indirect effects on historic heritage sites and measures to appropriately avoid, remedy or mitigate any such effects, including a tabulated summary of these effects and measures; (ii) methods for the identification and assessment of potential historic heritage places within the designation to inform detailed design; (iii) known historic heritage places and potential archaeological sites within the designation, including identifying any archaeological sites for which an Archaeological Authority under the HNZPTA will be sought or has been granted; (iv) any unrecorded archaeological sites or post-1900 heritage sites within the designation, which shall also be documented and recorded; (v) roles, responsibilities and contact details of project personnel, Council and HNZPT representatives, Mana Whenua representatives, and relevant agencies involved with heritage and archaeological matters including surveys, monitoring of Construction Works, compliance with AUP accidental discovery rule, and monitoring of conditions; (vi) specific areas to be investigated, monitored and recorded to the extent these are directly affected by the project; (vii) the proposed methodology for investigating and recording post-1900 historic heritage sites (including buildings) that need to be destroyed, demolished or relocated, including details of their condition, measures to mitigate any adverse effects and timeframe for implementing the proposed methodology, in accordance with the HNZPT Archaeological Guidelines Series No.1: Investigation and Recording of Buildings and Standing Structures (November 2018), or any subsequent version; (viii) methods to acknowledge cultural values identified through Condition 14 where archaeological sites also involve ngā taonga tuku iho (treasures handed down by our ancestors) and where feasible and practicable to do so; (ix) methods for avoiding, remedying or mitigating adverse effects on historic heritage places and sites within the designation during Construction Works as far as practicable. These methods shall include, but are not limited to: A. security fencing or hoardings around historic heritage places to protect them from damage during construction or unauthorised access; B. measures to mitigate adverse effects on historic heritage sites that achieve positive historic heritage outcomes such as increased public awareness and interpretation signage; and C. training requirements and inductions for contractors and subcontractors on historic heritage places within the designation, legal obligations relating to unexpected discoveries and the AUP Accidental Discovery Rule (E11.6.1). The training shall be undertaken prior to the Start of Construction, under the guidance of a Suitably Qualified Person and Mana Whenua representatives (to the extent the training relates to cultural values identified under Condition 14). Advice note: Accidental Discoveries The requirements for accidental discoveries of heritage items are set out in Rule E11.6.1 of the AUP.

27.	Pre-Construction Ecological Survey (a) At the start of detailed design for a Stage of Work, an updated ecological survey shall be undertaken in the relevant geographic area by a Suitably Qualified Person. The purpose of the survey is to inform ecological management by: (i) confirming whether the species of value within the Identified Biodiversity Areas recorded in the Identified Biodiversity Area Schedule 3 are still present; and (ii) confirming whether the project will or is likely to have a moderate or greater level of ecological effect on species of value (prior to implementation of impact management measures). The level of effect shall be determined in accordance with Table 10 of the EIANZ Guidelines (or subsequent updated version of that table) as included in Schedule 4 of these conditions. (b) If the ecological survey confirms the presence of ecological species of value in accordance with Condition 27(a)(i) and that effects are likely in accordance with Condition 27(a)(ii) then an Ecological Management Plan (or Plans) shall be prepared in accordance with Condition 28 for these areas (Confirmed Biodiversity Areas).

28.	Ecological Management Plan (EMP) (a) An EMP shall be prepared for any Confirmed Biodiversity Areas (confirmed through Condition 27) prior to the Start of Construction for a Stage of Work. The objective of the EMP is to minimise effects of the project on the ecological features of value in Confirmed Biodiversity Areas as far as practicable. (b) If an EMP is required in accordance with (a) for the presence of long tail bats, the EMP may include the following to achieve the objective: (i) measures to minimise as far as practicable, disturbance from construction activities within 50m of any active long tail bat roosts that are discovered through survey until such roosts are confirmed to be vacant of bats; (ii) timing of any Construction Works within 50m of any active maternity long tail bat roosts. Those Construction Works shall be undertaken outside the bat maternity period (between December and March) where reasonably practicable; (iii) details of areas where vegetation is to be retained and where additional planting is proposed to be provided and maintained for the purposes of the connectivity of long tail bat habitats; and (iv) details of measures to minimise any operational disturbance from light spill. (c) If an EMP is required in accordance with (a) for the presence of Threatened or At-Risk wetland birds, the EMP may include the following to achieve the objective: (i) details of any nesting bird surveys of Threatened or At-Risk wetland birds. Nesting bird surveys shall be undertaken within any wetland that is both within a Confirmed Biodiversity Area and located within a 50m radius of Construction Works. Surveys shall be undertaken prior to any such works taking place and repeated at the beginning of each wetland bird breeding season until the Completion of Construction; (ii) timing of any Construction Works which may have adverse effects on Threatened or At-Risk wetland birds. Those Construction Works shall be undertaken outside of the bird breeding season (September to February) where practicable; (iii) where works are required within the Confirmed Biodiversity Area during the bird breeding season, methods to minimise adverse effects on Threatened or At-Risk wetland birds; and (iv) details of what protection and buffer measures are proposed to manage effects on nesting Threatened or At-Risk wetland birds identified through a survey undertaken in accordance with Condition (c)(i). Proposed measures shall address: A. the type, intensity and duration of construction activity; B. the likely sensitivity of the nesting bird species to the construction activity; and C. any environmental features (e.g., vegetation and contour) that could influence the extent of potential adverse effects on the Threatened or At-Risk wetland birds. (d) The EMP shall be consistent with any ecological management measures to be undertaken in compliance with conditions of any regional resource consents granted for the project. Advice note: Depending on the potential effects of the project, the regional consents for the project may include the following monitoring and management plans: (i) stream and/or wetland restoration plans; (ii) vegetation restoration plans; and (iii) fauna management plans (e.g. avifauna).

29.	Network Utility Management Plan (NUMP) (a) A NUMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the NUMP is to set out a framework for protecting, relocating and working in proximity to existing network utilities. (b) To achieve the objective, the NUMP shall include methods to: (i) provide access for maintenance at all reasonable times, or emergency works at all times during construction activities; (ii) protect and where necessary, relocate existing network utilities; (iii) manage the effects of dust and any other material potentially resulting from construction activities and able to cause material damage, beyond normal wear and tear to overhead transmission lines in the project area; (iv) demonstrate compliance with relevant standards and Codes of Practice including, where relevant, the NZECP 34:2001 New Zealand Electrical Code of Practice for Electrical Safe Distances 2001; AS/NZS 4853:2012 Electrical hazards on Metallic Pipelines, and AS/NZS 2885 Pipelines – Gas and Liquid Petroleum. (c) The NUMP shall be prepared in consultation with the relevant Network Utility Operator(s) who have existing assets that are directly affected by the project. (d) The development of the NUMP shall consider opportunities to coordinate future work programmes with other Network Utility Operator(s) during detailed design where practicable. (e) The NUMP shall describe how any comments from the Network Utility Operator in relation to its assets have been addressed. (f) Any comments received from the Network Utility Operator shall be considered when finalising the NUMP. (g) Any amendments to the NUMP related to the assets of a Network Utility Operator shall be prepared in consultation with that asset owner.
30.	Network Integration Management Plan (NIMP) (a) At least six months prior to the start of detailed design for a Stage of Work, the Requiring Authority shall prepare, in collaboration with other relevant road controlling authorities, a NIMP. (b) The objective of the NIMP is to identify how the project will integrate with the planned transport network in the North Growth Area to achieve an effective, efficient and safe land transport system. To achieve this objective, the NIMP shall include details of the: (i) project implementation approach and any staging of the project, including both design, management and operational matters; and (ii) sequencing of the project with the planned transport network, including both design, management and operational matters.
Operational conditions	

31.	Low Noise Road Surface (a) Asphaltic concrete surfacing (or equivalent low noise road surface) shall be implemented within 12 months of Completion of Construction of the project. (b) The asphaltic concrete surface shall be maintained as far as practicable to retain the noise reduction performance of the surface established in accordance with (a), unless Condition 32 applies.
32.	Future Resurfacing Work (a) Any future resurfacing works of the project shall be undertaken in accordance with the Auckland Transport Reseal Guidelines, Asset Management and Systems 2013 or any updated version and asphaltic concrete surfacing (or equivalent low noise road surface) shall be implemented where: (i) the volume of traffic exceeds 10,000 vehicles per day; (ii) the road is subject to high wear and tear (such as cul de sac heads, roundabouts and main road intersections); (iii) it is in an industrial or commercial area where there is a high concentration of truck traffic; or (iv) it is subject to high usage by pedestrians, such as town centres, hospitals, shopping centres and schools. (b) Prior to commencing any future resurfacing works, the Requiring Authority shall advise the Manager if any of the triggers in Condition 32(a)(i) – (iv) are not met by the road or a section of it and therefore where the application of asphaltic concrete surfacing (or equivalent low noise road surface) is no longer required on the road or a section of it. Such advice shall also indicate when any resealing is to occur.
	Traffic Noise For the purposes of Conditions 33 to 38: (a) Building-Modification Mitigation – has the same meaning as in NZS 6806; (b) Design year has the same meaning as in NZS 6806; (c) Detailed Mitigation Options – means the fully detailed design of the Selected Mitigation Options, with all practical issues addressed; (d) Habitable Space – has the same meaning as in NZS 6806; (e) Identified Noise Criteria Category – means the Noise Criteria Category for a PPF identified in Schedule 5: Identified PPFs Noise Criteria Categories; (f) Mitigation – has the same meaning as in NZS 6806:2010 Acoustics – Road-traffic noise – New and altered roads; (g) Noise Criteria Categories – means the groups of preference for sound levels established in accordance with NZS 6806 when determining the Best Practicable Option for noise mitigation (i.e. Categories A, B and C); (h) NZS 6806 – means New Zealand Standard NZS 6806:2010 Acoustics – Road-traffic noise – New and altered roads; (i) Protected Premises and Facilities (PPFs) – means only the premises and facilities identified in Schedule 5: Identified PPFs Noise Criteria Categories; (j) Selected Mitigation Options – means the preferred mitigation option resulting from a Best Practicable Option assessment undertaken in accordance with NZS 6806 taking into account any low noise road surface to be implemented in accordance with Condition 31; and (k) Structural Mitigation – has the same meaning as in NZS 6806.
33.	The Noise Criteria Categories identified in Schedule 5: Identified PPFs Noise Criteria Categories at each of the PPFs shall be achieved where practicable and subject to Conditions 33 to 38 (all traffic noise conditions). The Noise Criteria Categories do not need to be complied with at a PPF where: (a) the PPF no longer exists; or (b) agreement of the landowner has been obtained confirming that the Noise Criteria Category does not need to be met. Achievement of the Noise Criteria Categories for PPFs shall be by reference to a traffic forecast for a high growth scenario in a design year at least 10 years after the programmed opening of the project.

34.	As part of the detailed design of the project, a Suitably Qualified Person shall determine the Selected Mitigation Options for the PPFs identified on Schedule 5: Identified PPFs Noise Criteria Categories. For the avoidance of doubt, the low noise road surface implemented in accordance with Condition 31 may be (or be part of) the Selected Mitigation Option(s).
35.	Prior to the Start of Construction of the project, a Suitably Qualified Person shall develop the Detailed Mitigation Options for the PPFs identified in Schedule 5: Identified PPFs Noise Criteria Categories, taking into account the Selected Mitigation Options.
36.	If the Detailed Mitigation Options would result in the Identified Noise Criteria Category changing to a less stringent Category, e.g. from Category A to B or Category B to C, at any relevant PPF, a Suitably Qualified Person shall provide confirmation to the Manager that the Detailed Mitigation Option would be consistent with adopting the Best Practicable Option in accordance with NZS 6806 prior to implementation.
37.	The Detailed Mitigation Options shall be implemented prior to Completion of Construction of the project, with the exception of any low-noise road surfaces, which shall be implemented within 12 months of Completion of Construction.
38.	Any barriers required by the Detailed Mitigation Options shall be maintained so they retain their noise reduction performance as far as practicable.

Attachments

Schedule 1: General Accordance Plans and Information

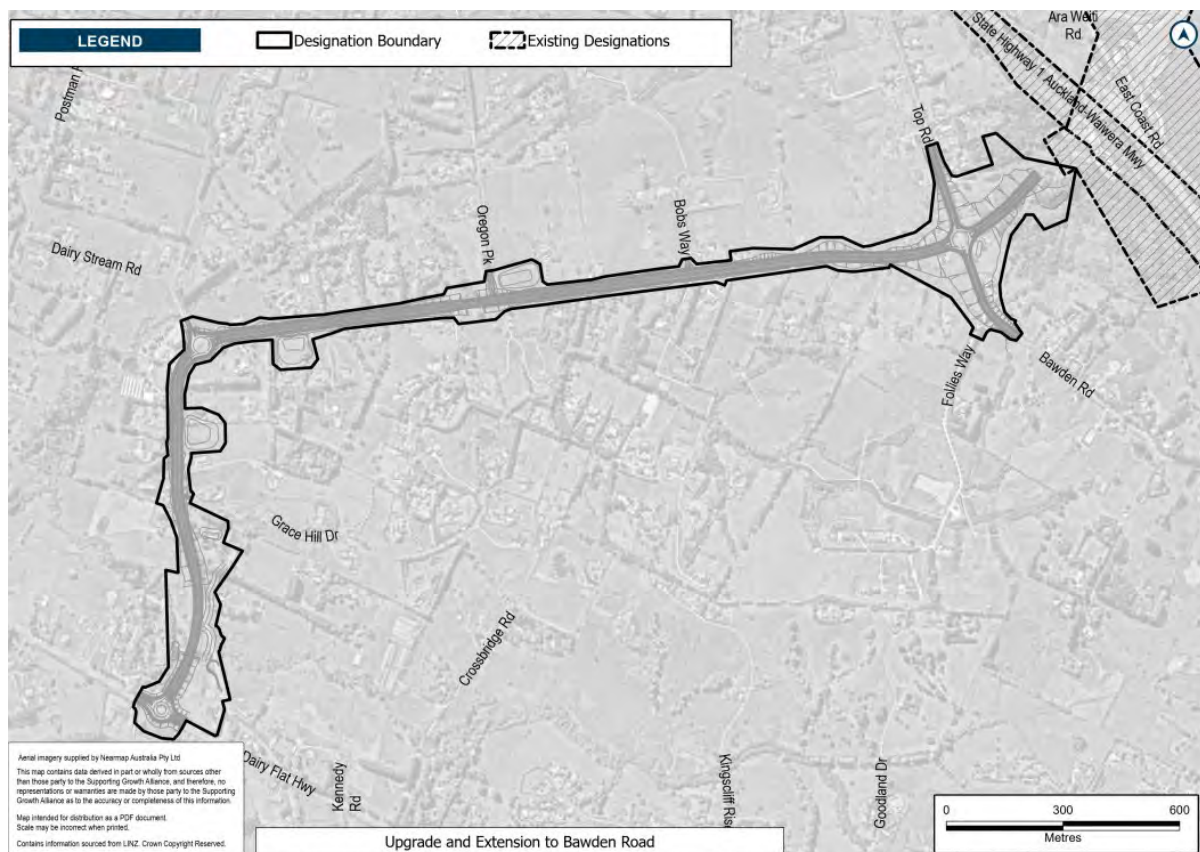
Project Description

The proposed work is the construction, operation and maintenance of an upgrade and extension to Bawden Road to an urban arterial corridor between Dairy Flat Highway and State Highway 1, including public transport and active mode facilities, and associated infrastructure.

The proposed work is shown in the following Concept Plan and includes:

- Upgrading and extending Bawden Road to an urban arterial corridor with active mode and public transport facilities.
- Tie-ins with existing roads and localised widening around the existing intersections to accommodate new intersection forms.
- New or upgraded stormwater management systems, bridges and culverts (where applicable).
- Batter slopes, and associated cut and fill activities (earthworks).
- Vegetation removal.
- Other construction related activities required outside the permanent corridor including the re-grade of driveways, construction traffic manoeuvring and construction laydown areas.

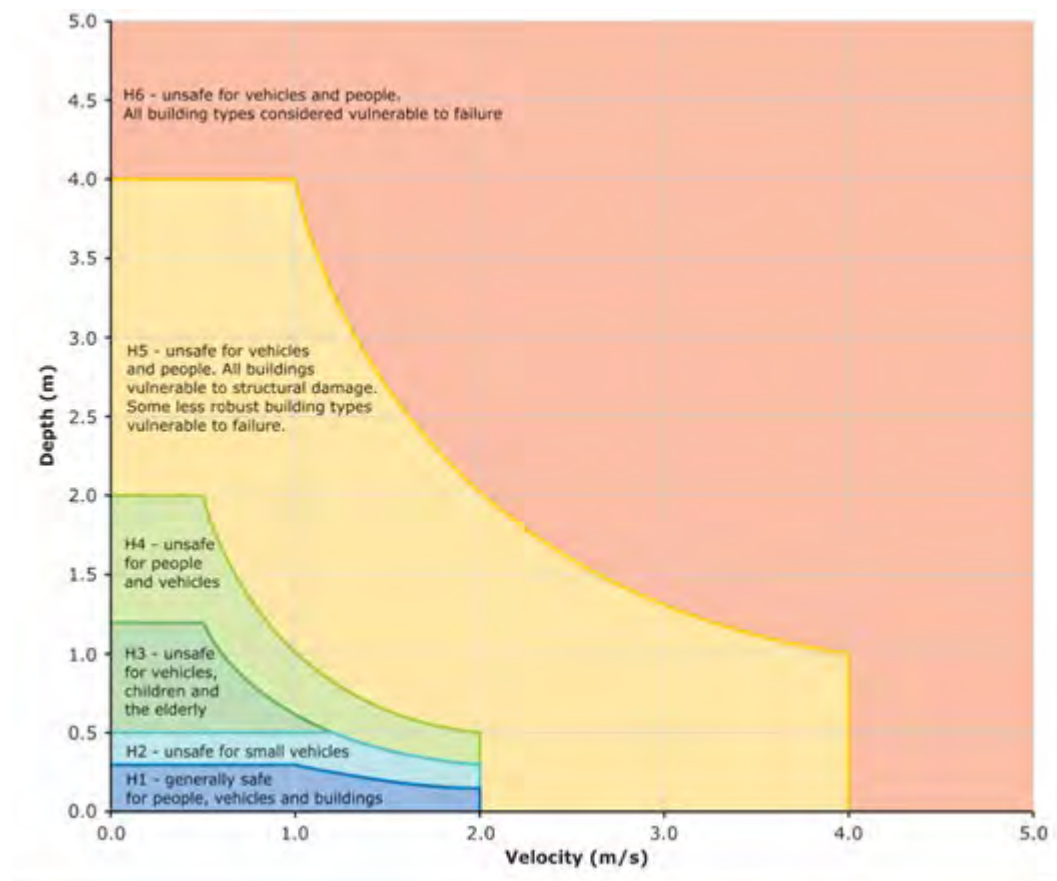
Concept Plan



Schedule 2 – Flood Hazard Class

The combined flood hazard curves shown below set hazard thresholds that relate to the vulnerability of the community when interacting with floodwaters. The combined curves are divided into hazard classifications that relate to specific vulnerability thresholds

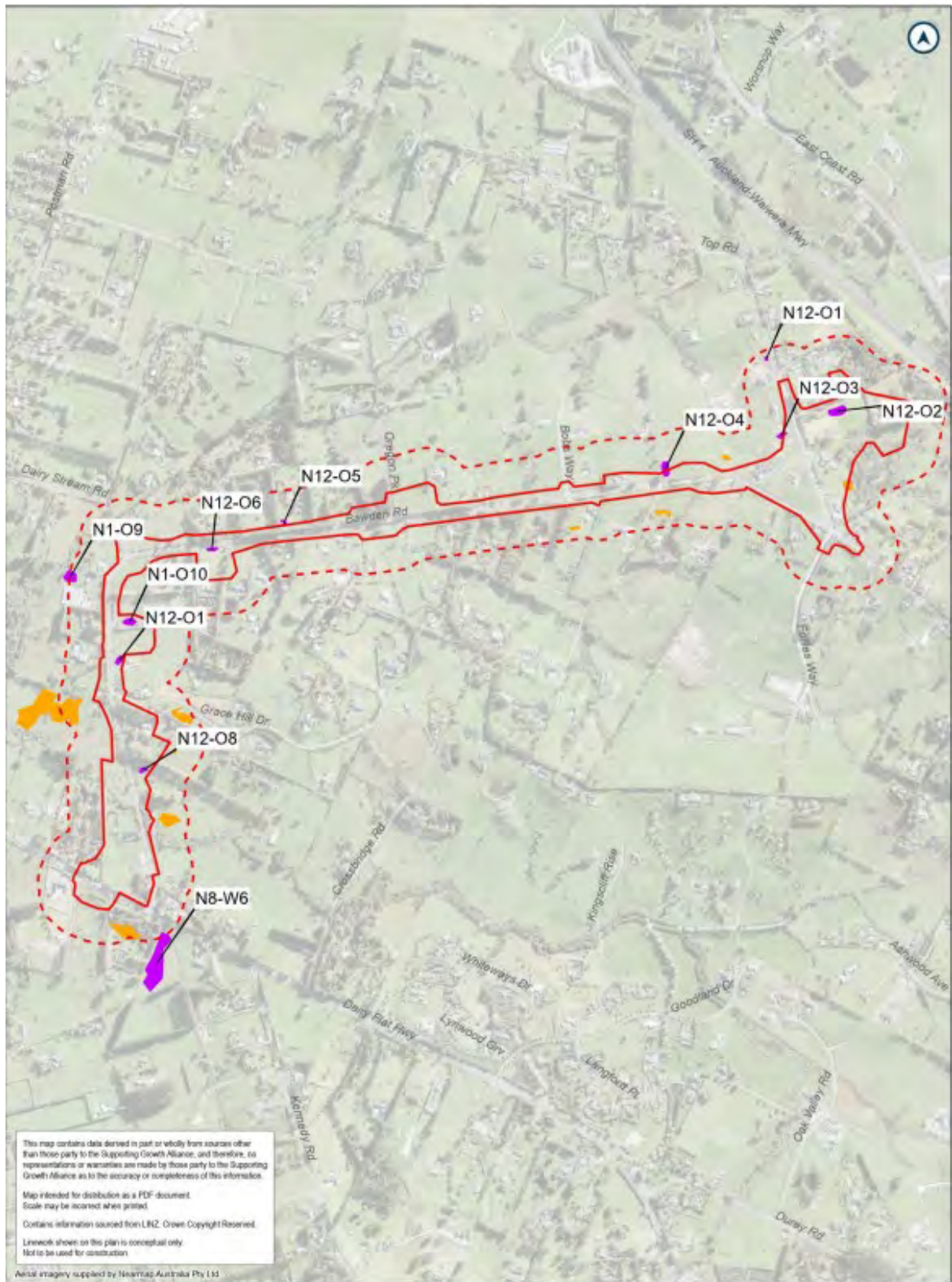
The vulnerability thresholds identified in the flood hazard curves can be applied to the best description of flood behaviour available for a subject site. In this regard, the hazard curves can be applied equally to flood behaviour estimates from measured data, simpler 1D numerical modelling approaches, through to complex 2D model estimates with the level of accuracy and uncertainty of the flood hazard estimate linked to the method used to derive the flood behaviour estimate.



Source: Australian Rainfall and Runoff, Book 6, 2019

Schedule 3: Identified Biodiversity Areas





LEGEND

Designation Boundary

Buffer 100m

Identified Biodiversity Areas for Wetland Avifauna

Named Wetlands

Unnamed Wetlands

0 250 500
Metres

Schedule 4: Table 10 of the 2018 EIANZ Guidelines

Criteria for describing level of effects (Adapted from Regini (2000) and Boffa Miskell (2011))

Ecological Value → Magnitude ↓	Very high	High	Moderate	Low	Negligible
Very high	Very high	Very high	High	Moderate	Low
High	Very high	Very high	Moderate	Low	Very low
Moderate	High	High	Moderate	Low	Very low
Low	Moderate	Low	Low	Very low	Very low
Negligible	Low	Very low	Very low	Very low	Very low
Positive	Net gain	Net gain	Net gain	Net gain	Net gain

Schedule 5: Identified PPFs Noise Criteria Categories

Address	New or Altered Road	Noise Criteria Category
351 Bawden Road	Altered	A
152 Bawden Road	Altered	A
166 Bawden Road	Altered	A
59 Bawden Road	Altered	A
119 Bawden Road	Altered	A
1006 Dairy Flat Highway	Altered	A
135 Bawden Road	Altered	A
74 Bawden Road	Altered	A
63 Bawden Road	Altered	A
357 Bawden Road	Altered	A
218 Bawden Road	Altered	A
215 Bawden Road	Altered	A
335 Bawden Road	Altered	A
2 Bobs Way	Altered	A
120 Bawden Road	Altered	A
99 Bawden Road	Altered	A
165 Bawden Road	Altered	A
143 Bawden Road	Altered	A
38 Bawden Road	Altered	A
77 Bawden Road	Altered	A
190 Bawden Road	Altered	A
226A Bawden Road	Altered	A
366 Bawden Road	Altered	A
142 Bawden Road	Altered	A
83 Bawden Road	Altered	A
126 Bawden Road	Altered	A
250 Bawden Road	Altered	A

136 Bawden Road	Altered	A
264 Bawden Road	Altered	A
6 Bobs Way	Altered	A
170 Bawden Road	Altered	A
153 Bawden Road	Altered	A
359 Bawden Road	Altered	A
276 Bawden Road	Altered	A
25 Oregon Park	Altered	A
3 Bobs Way	Altered	A
8 Dairy Stream Road	Altered	A
320 Bawden Road	Altered	A
4 Bobs Way	Altered	A
36 Bawden Road	Altered	A
1014 Dairy Flat Highway	Altered	A
124 Bawden Road	Altered	A
358 Bawden Road	Altered	A
1008 Dairy Flat Highway	Altered	A
10 Bawden Road	Altered	A
1005A Dairy Flat Highway	Altered	A
292 Bawden Road	Altered	A
1005 Dairy Flat Highway	Altered	A
252 Bawden Road	Altered	A
304 Bawden Road	Altered	A
46 Top Road	Altered	A
41 Top Road	Altered	A
355 Bawden Road	Altered	A
34 Top Road	Altered	A
987 Dairy Flat Highway	Altered	A

**Appendix I – Auckland Transport’s Modifications to NoR 13
conditions (clean)**

[XXXX] Upgrade to East Coast Road between Silverdale and Ō Mahurangi Penlink (Redvale) Interchange

Designation Number	[XXXX]
Requiring Authority	Auckland Transport
Location	East Coast Road between Hibiscus Coast Highway in Silverdale and Ō Mahurangi Penlink (Redvale) Interchange
Lapse Date	In accordance with section 184(1)(c) of the RMA, this designation shall lapse if not given effect to within 30 years from the date on which it is included in the AUP.

Purpose

The construction, operation and maintenance of an upgrade to East Coast Road to an arterial transport corridor and associated facilities.

Conditions

Abbreviations and definitions

Acronym/Term	Definition
Activity sensitive to noise	Any dwelling, visitor accommodation, boarding house, marae, papakāinga, integrated residential development, retirement village, supported residential care, care centre, lecture theatre in a tertiary Education Facility, classroom in an Education Facility and healthcare facility with an overnight stay facility
AUP	Auckland Unitary Plan
BPO or Best Practicable Option	Has the same meaning as in section 2 of the RMA 1991
CEMP	Construction Environmental Management Plan
Certification of material changes to management plans	Confirmation from the Manager that a material change to a management plan has been prepared in accordance with the condition to which it relates. A material change to a management plan shall be deemed certified: (a) where the Requiring Authority has received written confirmation from the Manager that the material change to the management plan is certified; or (b) 10 working days from the submission of the material change to the management plan where no written confirmation of certification has been received
CMP	Cultural Monitoring Plan
CNVMP	Construction Noise and Vibration Management Plan
CNVMP Schedule or Schedule	A schedule to the CNVMP
Completion of Construction	When construction of the project (or part of the project) is complete and it is available for use
Confirmed Biodiversity Areas	Areas recorded in the Identified Biodiversity Area Schedule where the ecological values and effects have been confirmed through the ecological survey under Condition 28
Construction Works	Activities undertaken to construct the project excluding Enabling Works
Council	Auckland Council
CTMP	Construction Traffic Management Plan

Developer	Any legal entity that intends to master plan or develop land adjacent to the designation
Development Agency	Public entities involved in development projects
Education Facility	Facility used for education to secondary level. Includes: - schools and outdoor education facilities; and - accommodation, administrative, cultural, religious, health, retail and communal facilities accessory to the above. Excludes: - care centres; and - tertiary education facilities.
EIANZ Guidelines	Ecological Impact Assessment: EIANZ Guidelines for use in New Zealand: terrestrial and freshwater ecosystems, second edition, dated May 2018
EMP	Ecological Management Plan
Enabling Works	Includes, but is not limited to, the following and similar activities: - geotechnical investigations (including trial embankments); - archaeological site investigations; - formation of access for geotechnical investigations; - establishment of site yards, site entrances and fencing; - constructing and sealing site access roads; - demolition or removal of buildings and structures; - relocation of services; and - establishment of mitigation measures (such as erosion and sediment control measures, temporary noise walls, earth bunds and planting)
HHMP	Historic Heritage Management Plan
HNZPT	Heritage New Zealand Pouhere Taonga
HNZPTA	Heritage New Zealand Pouhere Taonga Act 2014
Identified Biodiversity Area	Means an area or areas of features of ecological value where the project ecologist has identified that the project will potentially have a moderate or greater level of ecological effect, prior to implementation of impact management measures, as determined in accordance with the EIANZ Guidelines
Manager	The Manager – Resource Consents of the Auckland Council, or authorised delegate
Mana Whenua	Mana Whenua as referred to in the conditions are considered to be, but not limited to, the following (in no particular order), who at the time of Notice of Requirement expressed a desire to be involved in the project: - Ngāti Manuhiri - Te Kawerau ā Maki - Te Ākitai Waiohū - Ngāti Whanaunga - Te Runanga o Ngāti Whātua - Ngāti Maru - Te Patu Kirikiri - Ngāti Whātua o Kaipara - Ngāti Tamaterā - Ngai Tai ki Tāmaki - Ngāti Paoa Iwi Trust - Ngāti Paoa Trust Board Note: other iwi not identified above may have an interest in the project and should be consulted
Network Utility Operator	Has the same meaning as set out in section 166 of the RMA
NIMP	Network Integration Management Plan

NoR	Notice of Requirement
North Growth Area	Land for future urban development in the North of Auckland, including Future Urban zoned areas in Ara Hills, Ōrewa, Wainui East, Silverdale West, Redvale and Dairy Flat
NUMP	Network Utilities Management Plan
Outline Plan	An outline plan prepared in accordance with section 176A of the RMA
Project Liaison Person	The person or persons appointed for the duration of the project's Construction Works to be the main point of contact for persons wanting information about the project or affected by the Construction Works
Protected Premises and Facilities (PPF)	Protected Premises and Facilities as defined in New Zealand Standard NZS 6806:2010: <i>Acoustics – Road-traffic noise – New and altered roads</i>
Requiring Authority	Has the same meaning as section 166 of the RMA and, for this designation is Auckland Transport
RMA	Resource Management Act 1991
SCEMP	Stakeholder Communication and Engagement Management Plan
Stakeholder	Stakeholders to be identified in accordance with Condition 4, which may include as appropriate: (a) adjacent owners and occupiers; (b) adjacent business owners and operators; (c) central and local government bodies; (d) community groups; (e) developers; (f) development agencies; (g) Education Facilities; and (h) Network Utility Operators.
Stage of Work	Any physical works that require the development of an Outline Plan
Start of Construction	The time when Construction Works (excluding Enabling Works) start
Suitably Qualified Person	A person (or persons) who can provide sufficient evidence to demonstrate their suitability, experience and competence in the relevant field of expertise.
TMP	Tree Management Plan
ULDMP	Urban and Landscape Design Management Plan

General conditions	
1.	Activity in General Accordance with Plans and Information (a) Except as provided for in the conditions below, and subject to final design and Outline Plan(s), works within the designation shall be undertaken in general accordance with the project description and concept plan in Schedule 1. (b) Where there is inconsistency between: (i) the project description and concept plan in Schedule 1 and the requirements of the following conditions, the conditions shall prevail; (ii) the project description and concept plan in Schedule 1, and the management plans under the conditions of the designation, the requirements of the management plans shall prevail.
2.	Project Information (a) A project website, or equivalent virtual information source, shall be established as soon as reasonably practicable, and within six months of the inclusion of this designation in the AUP. This shall be updated as required so it remains current. (b) All directly affected owners and occupiers shall be notified in writing as soon as reasonably practicable once the website or equivalent information source has been established. The project website or virtual information source shall include these conditions and shall provide information on: (i) the status of the project; (ii) anticipated construction timeframes; (iii) contact details for enquiries; (iv) the implications of the designation for landowners, occupiers and business owners and operators within the designation and where they can receive additional advice; (v) a subscription service to enable receipt of project updates by email; (vi) the types of activities that can be undertaken by landowners without the need for written consent to be obtained under s176(1)(b) of the RMA; and (vii) when and how to apply for consent for works in the designation under section 176(1)(b) of the RMA. (c) At ten yearly intervals from the inclusion of this designation in the AUP until the start of detailed design, the Requiring Authority shall identify appropriate methods with the relevant Local Board(s) to: (i) inform the wider community of the project status; and (ii) raise awareness of the project website. (d) At the start of detailed design for a Stage of Work, the project website or virtual information source shall be updated to provide information on the likely date for Start of Construction, and any Staging of Works.

3.	Land use Integration Process (a) The Requiring Authority shall set up a Land use Integration Process for the period between confirmation of the designation and the Start of Construction. The purpose of this process is to encourage and facilitate the integration of master planning and land use development activity on land directly affected or adjacent to the designation. To achieve this purpose: (i) the Requiring Authority shall include the contact details of a nominated contact on the project website (or equivalent information source) required to be established by Condition 2(b)(iii); and (ii) the nominated contact shall be the main point of contact for a Developer or Development Agency wanting to work with the Requiring Authority to integrate their development plans or master planning with the designation. (b) At any time prior to the Start of Construction, the nominated contact will be available to engage with a Developer or Development Agency for the purpose of: (i) responding to requests made to the Requiring Authority for information regarding design details that could assist with land use integration; and (ii) receiving information from a Developer or Development Agency regarding master planning or land development details that could assist with land use integration. (c) Information requested or provided under Condition 3(b) above may include but not be limited to the following matters: (i) design details including but not limited to: A. boundary treatment (e.g. the use of retaining walls or batter slopes); B. the horizontal and vertical alignment of the road (levels); C. potential locations for mid-block crossings; D. integration of stormwater infrastructure; and E. traffic noise modelling contours. (ii) potential modifications to the extent of the designation in response to information received through Condition 3(b)(ii); (iii) a process for the Requiring Authority to undertake a technical review of or provide comments on any master planning or development proposal advanced by the Developer or Development Agency as it relates to integration with the project; and (iv) details of how to apply for written consent from the Requiring Authority for any development proposal that relates to land that is within the designation under section 176(1)(b) of the RMA. (d) Where information is requested from the Requiring Authority and is available, the nominated contact shall provide the information unless there are reasonable grounds for not providing it. (e) The nominated contact shall maintain a record of the engagement between the Requiring Authority and Developers and Development Agencies for the period following the date in which this designation is included in the AUP through to the Start of Construction for a Stage of Work. The record shall include: (i) details of any requests made to the Requiring Authority that could influence detailed design, the results of any engagement and, where such requests that could influence detailed design are declined, the reasons why the Requiring Authority has declined the requests; and (ii) details of any requests to co-ordinate the forward work programme, where appropriate, with Development Agencies and Network Utility Operators. (f) The record shall be submitted to Council for information 10 working days prior to the Start of Construction for a Stage of Work.

4.	Stakeholder Communication and Engagement Design (a) At least six months prior to the start of detailed design for a Stage of Work, the Requiring Authority shall identify: (i) a list of Stakeholders; (ii) a list of properties within the designation which the Requiring Authority does not own or have occupation rights to; and (iii) methods to engage with Stakeholders and the owners and occupiers of properties identified in (a)(i) – (ii) above. (b) A record of (a) shall be submitted to the Manager for information with an Outline Plan for the relevant Stage of Work.
5.	Designation Review As soon as reasonably practicable following Completion of Construction, the Requiring Authority shall: (i) review the extent of the designation to identify any areas of designated land that it no longer requires for the on-going operation, maintenance or mitigation of effects of the project; and (ii) give notice to the Manager in accordance with section 182 of the RMA for the removal of those parts of the designation identified above.
6.	Lapse In accordance with section 184(1)(c) of the RMA, this designation shall lapse if not given effect to within 30 years from the date on which it is included in the AUP.
7.	Network Utility Operators (Section 176 Approval) (a) Prior to the Start of Construction, Network Utility Operators with existing infrastructure located within the designation will not require written consent under section 176 of the RMA for the following activities: (i) operation, maintenance and repair works; (ii) minor renewal works to existing network utilities necessary for the on-going provision or security of supply of network utility operations; (iii) minor works such as new service connections; and (iv) the upgrade and replacement of existing network utilities in the same location with the same or similar effects on the works authorised by the designation as the existing utility. (b) To the extent that a record of written approval is required for the activities listed above, this condition shall constitute written approval.
8.	General Section 176 Approval (a) Prior to the start of the formal acquisition process under the Public Works Act 1981 for a property, or submission of the Outline Plan, persons on properties zoned Rural or Future Urban will not require written consent under section 176 of the RMA for the following activities: (i) Internal alterations; (ii) Repair of existing utility services; (iii) One extension to an existing structure as at 2023, up to 30m²; (iv) Temporary or relocatable structures, provided they are removed from the site and the land is reinstated (including closing and capping any associated services) at the landowner's expense prior to the Start of Construction. The landowner shall be responsible for any resource consent required for the structures, their removal or relocation. (b) To the extent that a record of written approval is required for the activities listed above, this condition shall constitute written approval.
Pre-construction conditions	

9.	Outline Plan (a) An Outline Plan (or Plans) shall be prepared in accordance with section 176A of the RMA. (b) Outline Plans (or Plan) may be submitted in parts or in stages to address particular activities (e.g. design or construction aspects), or a Stage of Work of the project. (c) Outline Plans shall include any management plan or plans that are relevant to the management of effects of those activities or Stage of Work, which may include: (i) Construction Environmental Management Plan; (ii) Construction Traffic Management Plan; (iii) Construction Noise and Vibration Management Plan; (iv) Urban and Landscape Design Management Plan; (v) Historic Heritage Management Plan; (vi) Ecological Management Plan; (vii) Tree Management Plan; (viii) Network Utilities Management Plan; and (ix) Network Integration Management Plan.
	Flood Hazard For the purpose of Condition 10: (a) AEP – means Annual Exceedance Probability; (b) Existing Authorised Habitable Floor – means the floor level of any room (floor) in a residential building which is authorised and exists at the time the Outline Plan is submitted, excluding a laundry, bathroom, toilet or any room used solely as an entrance hall, passageway or garage; (c) Flood Prone Area – means potential ponding areas that may flood in a 1% AEP event and commonly comprise of topographical depression areas. The areas can occur naturally or as a result of constructed features. Identification of a potential Flood Prone Area would be by an assessment of residual flood risk in a 1% AEP event (e.g. from blockage of the project stormwater network) on land outside and adjacent to the designation following the application of Conditions (10)(a)(i) – (iv). (d) Maximum Probable Development – is the design case for consideration of future flows allowing for development within a catchment that takes into account the maximum impervious surface limits of the current zone or if the land is zoned Future Urban in the AUP, the probable level of development arising from zone changes; (e) Pre-Project Development – means existing site condition prior to the project (including existing buildings and roadways); and (f) Post-Project Development – means site condition after the project has been completed (including existing and new buildings and roadways).

10.	Flood Hazard (a) The project shall be designed to achieve the following flood risk outcomes beyond the boundary of the designation: (i) no increase in flood levels in a 1% AEP event for Existing Authorised Habitable Floors that are already subject to flooding or have a freeboard less than 500mm; (ii) no increase in flood levels in a 1% AEP event for authorised community, commercial, industrial and network utility building floors existing at the time the Outline Plan is submitted that are already subject to flooding or have a freeboard less than 300mm; (iii) maximum of 50mm increase in flood levels in a 1% AEP event outside and adjacent to the designation boundary between the Pre-Project Development and Post-Project Development scenarios; (iv) no increase of Flood Hazard Class for the main access to authorised habitable dwellings existing at the time the Outline Plan is submitted. The assessment shall be undertaken for the 1% AEP rainfall event and reference the hazard class in accordance with Schedule 2 to these conditions; and (v) no new Flood Prone Areas. (b) Compliance with this condition shall be demonstrated in the Outline Plan, which shall include flood modelling of the Pre-Project Development and Post-Project Development 1% AEP flood levels (for Maximum Probable Development land use with allowances for climate change). (c) Where: (i) the flood risk outcomes in (a) can be achieved through alternative measures outside of the designation such as flood stop banks, flood walls, raising Existing Authorised Habitable Floor level and new overland flow paths; or (ii) the outcomes are varied at specific location(s) through agreement with the relevant landowner, confirmation shall be provided to the Manager that any necessary landowner agreement and statutory approvals have been obtained for that alternative measure or varied outcome.
11.	Existing property access Prior to submission of the Outline Plan, consultation shall be undertaken with landowners and occupiers whose vehicle access to their property will be altered by the project. The Outline Plan shall demonstrate how safe reconfigured or alternate access will be provided, unless otherwise agreed with the affected landowner.
12.	Airport Operations The Outline Plan shall: (a) include measures to manage potential glare, lighting and bird hazard effects on adjacent airport operations; (b) demonstrate how requirements of any applicable airport overlay will be met or how any temporary infringement will be managed; and (c) include details of any feedback received from airport operations in relation to (a) and (b) above.

13.	Management Plans (a) Any management plan shall: (i) be prepared and implemented in accordance with the relevant management plan condition; (ii) be prepared by a Suitably Qualified Person(s); (iii) include sufficient detail relating to the management of effects associated with the relevant activities and/or Stage of Work to which it relates; (iv) be submitted as part of an Outline Plan pursuant to section 176A of the RMA, with the exception of SCEMPs and CNVMP Schedules; and (v) once finalised, uploaded to the project website or equivalent virtual information source. (b) Any management plan developed in accordance with Condition 13 may: (i) be submitted in parts or in stages to address particular activities (e.g. design or construction aspects), a Stage of Work of the project, or to address specific activities authorised by the designation; and (ii) except for material changes, be amended to reflect any changes in design, construction methods or management of effects without further process; (c) Information shall be submitted with the management plan (or revised plan as referred to in (d) below) which summarises outcomes of consultation and any input received from Mana Whenua and Stakeholders as required by the relevant management plan condition. The summary shall note how this input has been incorporated or reflected in the management plan, or if not, the reasons why; (d) If there is a material change required to a management plan which has been submitted with an Outline Plan, the revised part of the plan shall be submitted to the Manager as an update to the Outline Plan or for Certification as soon as practicable following identification of the need for a revision; and (e) Any material changes to the SCEMP(s) are to be submitted to the Manager for information.
14.	Stakeholder Communication and Engagement Management Plan (SCEMP) (a) A SCEMP shall be prepared in consultation with relevant Stakeholders prior to the Start of Construction. The objective of the SCEMP is to identify how the public and Stakeholders will be engaged with throughout Construction Works. (b) To achieve the objective, the SCEMP shall include: (i) a list of Stakeholders; (ii) the contact details for the Project Liaison Person. These details shall be on the project website, or equivalent virtual information source, and prominently displayed at the main entrance(s) to the site(s); (iii) methods for engaging with Mana Whenua, to be developed in consultation with Mana Whenua; (iv) methods and timing to engage with owners and occupiers whose access is directly affected; (v) methods to communicate key project milestones and the proposed hours of construction activities including outside of normal working hours and on weekends and public holidays, to the parties identified in (b)(i) above; and (vi) linkages and cross-references to communication and engagement methods set out in other conditions and management plans where relevant. (c) Any SCEMP prepared for a Stage of Work shall be submitted to the Manager for information a minimum of 10 working days prior to the Start of Construction for a Stage of Work.

15.	Cultural Advisory Report (a) At least six months prior to the start of detailed design for a Stage of Work, Mana Whenua shall be invited to prepare a Cultural Advisory Report for the project. The objective of the Cultural Advisory Report is to assist in understanding and identifying ngā taonga tuku iho (treasures handed down by our ancestors) affected by the project, to inform their management and protection. (b) To achieve the objective, the Requiring Authority shall invite Mana Whenua to prepare a Cultural Advisory Report that: (i) identifies the cultural sites, landscapes and values that have the potential to be affected by the construction and operation of the project; (ii) sets out the desired outcomes for management of potential effects on cultural sites, landscapes and values; (iii) identifies traditional cultural practices within the area that may be impacted by the project; (iv) identifies opportunities for restoration and enhancement of identified cultural sites, landscapes and values within the project area; (v) taking into account the outcomes of (i) to (iv) above, identify cultural matters and principles that should be considered in the development of the ULDMP (Condition 16) and HHMP (Condition 27) and the CMP referred to in Condition 21; and (vi) identifies and (if possible) nominates traditional names along the project alignment. Noting there may be formal statutory processes outside the project required in any decision-making. (c) The desired outcomes for management of potential effects on cultural sites, landscapes and values identified in the Cultural Advisory Report shall be discussed with Mana Whenua and those outcomes reflected in the relevant management plans where practicable; and (d) Conditions 15(b) and (c) will cease to apply if: (i) Mana Whenua have been invited to prepare a Cultural Advisory Report by a date at least six months prior to the Start of Construction; and (ii) Mana Whenua have not provided a Cultural Advisory Report within six months prior to the Start of Construction.
	Urban and Landscape Design Management Plan (ULDMP)
16.	(a) A ULDMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the ULDMP(s) is to: (i) enable integration of the project's permanent works into the surrounding landscape and urban context; and (ii) ensure that the project manages potential adverse landscape and visual effects as far as practicable and contributes to a quality urban environment. (b) Mana Whenua shall be invited to participate in the development of the ULDMP(s) to provide input into relevant cultural landscape and design matters including how desired outcomes for management of potential effects on cultural sites, landscapes and values identified and discussed in the Cultural Advisory Report in Condition 15 may be reflected in the ULDMP. (c) Relevant Stakeholders shall be invited to participate in the development of the ULDMP at least six months prior to the start of detailed design for a Stage of Work.

17.	(a) To achieve the objective set out in Condition 16, the ULDMP(s) shall provide details of how the project: (i) is designed to integrate with the adjacent urban (or proposed urban) and landscape context, including the surrounding existing or proposed topography, urban environment (eg. centres and density of built form), natural environment, landscape character and open space zones; (ii) provides appropriate walking and cycling connectivity to, and interfaces with, existing or proposed adjacent land uses, public transport infrastructure and walking and cycling connections; (iii) promotes inclusive access (where appropriate); (iv) promotes a sense of personal safety by aligning with best practice guidelines, such as: A. Crime Prevention Through Environmental Design (CPTED) principles; B. Safety in Design (SID) requirements; and C. Maintenance in Design (MID) requirements and anti-vandalism/anti-graffiti measures; (v) has responded to matters identified through the Land use Integration Process (Condition 3); and (b) The ULDMP shall be prepared in general accordance with: (i) Auckland Transport's Urban Roads and Streets Design Guide, or any subsequent or updated version; (ii) New Zealand Transport Agency Urban Design Guidelines: Bridging the Gap (2013) or any subsequent updated version; (iii) New Zealand Transport Agency Landscape Guidelines (2018) or any subsequent updated version; (iv) New Zealand Transport Agency P39 Standard Specification for Highway Landscape Treatments (2013) or any subsequent updated version; and (v) Auckland's Urban Ngahere (Forest) Strategy or any subsequent updated version.

18.	The ULDMP(s) shall include: (a) a concept plan – which depicts the overall landscape and urban design concept, and explain the rationale for the landscape and urban design proposals; (b) developed design concepts, including principles for walking and cycling facilities and public transport; (c) landscape and urban design details – that cover the following: (i) road design – elements such as intersection form, carriageway gradient and associated earthworks contouring including cut and fill batters and the interface with adjacent land uses and existing roads (including slip lanes), benching, spoil disposal sites, median width and treatment, roadside width and treatment; (ii) roadside elements – such as lighting, fencing, wayfinding and signage; (iii) architectural and landscape treatment of all major structures, including bridges and retaining walls; (iv) architectural and landscape treatment of noise barriers; (v) landscape treatment and planting of permanent stormwater control wetlands and swales; (vi) integration of passenger transport; (vii) pedestrian and cycle facilities including paths, road crossings and dedicated pedestrian/ cycle bridges or underpasses; (viii) historic heritage places with reference to the HHMP (Condition 27); and (ix) re-instatement of construction and site compound areas; and (x) features disturbed during construction and intended to be reinstated such as: A. boundary features; B. driveways; C. accessways; and D. fences. (d) the ULDMP shall also include the following planting and maintenance details: (i) planting design details including: A. identification of existing trees and vegetation that will be retained with reference to the TMP (Condition 30) (where relevant) and EMP (Condition 29). Where practicable, mature trees and native vegetation should be retained; B. street trees, shrubs and ground cover suitable for the location; C. treatment of fill slopes to integrate with adjacent land use, streams, riparian margins and open space zones; D. identification of any planting requirements under the EMP (Condition 29) and TMP (Condition 30); E. integration of any planting required by conditions of any resource consents for the project; and F. re-instatement planting of construction and site compound areas as appropriate. (ii) a planting programme including the staging of planting in relation to the construction programme which shall, as far as practicable, include provision for planting within each planting season following completion of each Stage of Work; and (iii) detailed specifications relating to the following: A. weed control and clearance; B. pest animal management (to support plant establishment); C. ground preparation (top soiling and decompaction); D. mulching; and E. plant sourcing and planting, including hydroseeding and grassing, and use of eco-sourced species.
Construction conditions	

19.	Construction Environmental Management Plan (CEMP) (a) A CEMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the CEMP is to set out the management procedures and construction methods to be undertaken to avoid, remedy or mitigate any adverse effects associated with Construction Works as far as practicable. (b) To achieve the objective, the CEMP shall include: (i) the roles and responsibilities of staff and contractors; (ii) details of the site or project manager and the Project Liaison Person, including their contact details (phone and email address); (iii) the Construction Works programmes and the staging approach, and the proposed hours of work; (iv) details of the proposed construction yards including temporary screening when adjacent to residential areas; (v) details of the proposed construction lighting; (vi) methods for controlling dust and the removal of debris and demolition of construction materials from public roads or places; (vii) methods for providing for the health and safety of the general public; (viii) measures to mitigate flood hazard effects such as siting stockpiles out of floodplains, minimising obstruction to flood flows, actions to respond to warnings of heavy rain; (ix) procedures for incident management; (x) location and procedures for the refuelling and maintenance of plant and equipment to avoid discharges of fuels or lubricants to watercourses; (xi) 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; (xii) procedures for responding to complaints about Construction Works; and (xiii) methods for amending and updating the CEMP as required.
20.	Complaints Process (a) At all times during Construction Works, a record of any complaints received about the Construction Works shall be maintained. The record shall include: (i) the date, time and nature of the complaint; (ii) the name, phone number and address of the complainant (unless the complainant wishes to remain anonymous); (iii) measures taken to respond to the complaint (including a record of the response provided to the complainant) or confirmation of no action if deemed appropriate; (iv) the outcome of the investigation into the complaint; and (v) any other activities in the area, unrelated to the project that may have contributed to the complaint, such as non-project construction, fires, traffic accidents or unusually dusty conditions generally. (b) A copy of the complaints record required by this condition shall be made available to the Manager upon request as soon as practicable after the request is made.

21.	Cultural Monitoring Plan (CMP) (a) Prior to the Start of Construction, a CMP shall be prepared by a Suitably Qualified Person(s) identified in collaboration with Mana Whenua. The objective of the CMP is to identify methods for undertaking cultural monitoring to assist with management of any cultural effects during Construction Works. (b) To achieve the objective, the CMP shall include: (i) requirements for formal dedication or cultural interpretation to be undertaken prior to the Start of Construction in areas identified as having significance to Mana Whenua; (ii) requirements and protocols for cultural inductions for contractors and subcontractors; (iii) identification of activities, sites and areas where cultural monitoring is required during particular Construction Works; (iv) identification of personnel to undertake cultural monitoring, including any geographic definition of their responsibilities; and (v) details of personnel to assist with management of any cultural effects identified during cultural monitoring, including implementation of the Accidental Discovery Protocol. (c) If Enabling Works involving soil disturbance are undertaken prior to the Start of Construction, an Enabling Works CMP shall be prepared by a Suitably Qualified Person identified in collaboration with Mana Whenua. This plan may be prepared as a standalone Enabling Works CMP or be included in the main Construction Works CMP. Advice note: Where appropriate, the CMP shall align with the requirements of other conditions of the designation and resource consents for the project which require monitoring during Construction Works.

22.	Construction Traffic Management Plan (CTMP) (a) A CTMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the CTMP is to avoid, remedy or mitigate, as far as practicable, adverse construction traffic effects. (b) To achieve this objective, the CTMP shall include: (i) methods to manage the effects of temporary traffic management activities on traffic; (ii) measures to ensure the safety of all transport users; (iii) the estimated numbers, frequencies, routes and timing of traffic movements, including any specific non-working or non-movement hours to manage vehicular and pedestrian traffic near Education Facilities or to manage traffic congestion; (iv) site access routes and access points for heavy vehicles, the size and location of parking areas for plant, construction vehicles and the vehicles of workers and visitors; (v) identification of detour routes and other methods to ensure the safe management and maintenance of traffic flows, including public transport, pedestrians and cyclists; (vi) methods to maintain access to and within property and/or private roads where practicable, or to provide alternative arrangements when it will not be, including details of how access is managed for loading and unloading of goods; (vii) the management approach to loads on heavy vehicles, including covering loads of fine material, the use of wheel-wash facilities at site exit points and the timely removal of any material deposited or spilled on public roads; (viii) methods that will be undertaken to communicate traffic management measures to affected road users (e.g. residents / public / Stakeholders / emergency services); (ix) details of minimum network performance parameters during the construction phase, including any measures to monitor compliance with the performance parameters; and (x) details of any measures proposed to be implemented in the event of thresholds identified in (ix) being exceeded. (c) Auditing, monitoring and reporting requirements relating to traffic management activities shall be undertaken in accordance with the New Zealand Guide to Temporary Traffic Management (April 2023) or any subsequent version.

23.

Construction Noise Standards

(a) Construction noise shall be measured and assessed in accordance with NZS6803:1999 Acoustics – Construction Noise and shall comply with the noise standards set out in the following table as far as practicable:

Table 23-1 Construction Noise Standards

Day of week	Time period	L _{Aeq} (15min)	L _{AFmax}
Occupied activity sensitive to noise			
Weekday	0630h - 0730h	55 dB	75 dB
	0730h - 1800h	70 dB	85 dB
	1800h - 2000h	65 dB	80 dB
	2000h - 0630h	45 dB	75 dB
Saturday	0630h - 0730h	45 dB	75 dB
	0730h - 1800h	70 dB	85 dB
	1800h - 2000h	45 dB	75 dB
	2000h - 0630h	45 dB	75 dB
Sunday and Public Holidays	0630h - 0730h	45 dB	75 dB
	0730h - 1800h	55 dB	85 dB
	1800h - 2000h	45 dB	75 dB
	2000h - 0630h	45 dB	75 dB
Other occupied buildings			
All	0730h – 1800h	70 dB	
	1800h – 0730h	75 dB	

(b) Where compliance with the noise standards set out in Table 23-1 is not practicable, the methodology in Condition 26 shall apply.

24.

Construction Vibration Standards

(a) Construction vibration shall be measured in accordance with ISO 4866:2010 Mechanical vibration and shock – Vibration of fixed structures – Guidelines for the measurement of vibrations and evaluation of their effects on structures and shall comply with the vibration standards set out in the following table as far as practicable.

Table 24-1 Construction Vibration Standards

Receiver	Details	Category A*	Category B**
Occupied activities sensitive to noise	Night-time 2000h - 0630h	0.3mm/s ppv	2mm/s ppv
	Daytime 0630h - 2000h	2mm/s ppv	5mm/s ppv
Other occupied buildings	Daytime 0630h - 2000h	2mm/s ppv	5mm/s ppv
All other buildings	At all other times	Tables 1 and 3 of DIN4150-3:1999	

* Category A criteria adopted from Rule E25.6.30.1 of the AUP

** Category B criteria based on DIN 4150-3:1999 building damage criteria for daytime

(b) Where compliance with the vibration standards set out in Table 24-1 is not practicable, the methodology in Condition 26 shall apply.

25.	Construction Noise and Vibration Management Plan (CNVMP) (a) A CNVMP shall be prepared prior to the Start of Construction for Stage of Work. A CNVMP shall be implemented during the Stage of Work to which it relates. The objective of the CNVMP is to provide a framework for the development and implementation of the Best Practicable Option for the management of construction noise and vibration effects to achieve the construction noise and vibration standards set out in Conditions 23 and 24 to the extent practicable. (b) To achieve the objective, the CNVMP shall be prepared in accordance with Annex E2 of the New Zealand Standard NZS6803:1999 'Acoustics – Construction Noise' (NZS6803:1999) and shall as a minimum, address the following: (i) description of the works and anticipated equipment/processes; (ii) hours of operation, including times and days when construction activities would occur; (iii) the construction noise and vibration standards for the project; (iv) identification of receivers where noise and vibration standards apply; (v) a hierarchy of management and mitigation options, including any requirements to limit night works and works during other sensitive times, including Sundays and public holidays as far as practicable; (vi) methods and frequency for monitoring and reporting on construction noise and vibration; (vii) procedures for communication and engagement with nearby residents and Stakeholders, including notification of proposed construction activities, the period of construction activities, and management of noise and vibration complaints; (viii) contact details of the Project Liaison Person; (ix) procedures for the regular training of the operators of construction equipment to minimise noise and vibration as well as expected construction site behaviours for all workers; (x) procedures and requirements for the preparation of a Schedule to the CNVMP (Schedule) for those areas where compliance with the noise Condition 23 and/or vibration standards Condition 24 Category B will not be practicable; (xi) identification of trigger levels for undertaking building condition surveys, which shall be Category B day time levels; (xii) procedures and trigger levels for undertaking building condition surveys before and after works to determine whether any cosmetic or structural damage has occurred as a result of construction vibration; (xiii) methodology and programme of desktop and field audits and inspections to be undertaken to ensure that the CNVMP, Schedules and the Best Practicable Option for management of effects are being implemented; and (xiv) requirements for review and update of the CNVMP.

26.	Schedule to a CNVMP (a) A Schedule to the CNVMP (Schedule) shall be prepared prior to the Start of Construction of an activity to which it relates by a Suitably Qualified Person, in consultation with the owners and occupiers of sites subject to the Schedule, when: (i) construction noise is either predicted or measured to exceed the noise standards in Condition 23, except where the exceedance of the L_{Aeq} criteria is no greater than 5 decibels and does not exceed: A. 0630 – 2000: 2 periods of up to 2 consecutive weeks in any 2 months; or B. 2000 - 0630: 1 period of up to 2 consecutive nights in any 10 days; (ii) construction vibration is either predicted or measured to exceed the Category B standard at the receivers in Condition 24. (b) The objective of the Schedule is to set out the Best Practicable Option measures to manage noise and/or vibration effects of the construction activity beyond those measures set out in the CNVMP. (c) To achieve the objective, the Schedule shall include details such as: (i) construction activity location, start and finish dates; (ii) the nearest neighbours to the construction activity; (iii) the predicted noise and/or vibration level for all receivers where the levels are predicted or measured to exceed the applicable standards and predicted duration of the exceedance; (iv) for works proposed between 2000h and 0630h, the reasons why the proposed works must be undertaken during these hours and why they cannot be practicably undertaken during the daytime; (v) the proposed mitigation options that have been selected, and the options that have been discounted as being impracticable and the reasons why; (vi) the consultation undertaken with owners and occupiers of sites subject to the Schedule, and how consultation has and has not been taken into account; and (vii) location, times and types of monitoring. (d) The Schedule shall be submitted to the Manager for Certification at least five working days (except in unforeseen circumstances) in advance of Construction Works that are covered by the scope of the Schedule and shall form part of the CNVMP. (e) The CNVMP Schedule shall be deemed certified five working days from the submission of the CNVMP Schedule where no written confirmation of Certification has been received. (f) Where material changes are made to a Schedule required by this condition, the Requiring Authority shall consult the owners and/or occupiers of sites subject to the Schedule prior to submitting the amended Schedule to the Manager for Certification in accordance with (d) above. The amended Schedule shall document the consultation undertaken with those owners and occupiers, and how consultation outcomes have and have not been taken into account.

27.	Historic Heritage Management Plan (HHMP) (a) A HHMP shall be prepared in consultation with Council, HNZPT and Mana Whenua prior to the Start of Construction for a Stage of Work. The objective of the HHMP is to protect historic heritage and to remedy and mitigate any residual effects as far as practicable. (b) To achieve the objective, the HHMP shall identify: (i) any adverse direct and indirect effects on historic heritage sites and measures to appropriately avoid, remedy or mitigate any such effects, including a tabulated summary of these effects and measures; (ii) methods for the identification and assessment of potential historic heritage places within the designation to inform detailed design; (iii) known historic heritage places and potential archaeological sites within the designation, including identifying any archaeological sites for which an Archaeological Authority under the HNZPTA will be sought or has been granted; (iv) any unrecorded archaeological sites or post-1900 heritage sites within the designation, which shall also be documented and recorded; (v) roles, responsibilities and contact details of project personnel, Council and HNZPT representatives, Mana Whenua representatives, and relevant agencies involved with heritage and archaeological matters including surveys, monitoring of Construction Works, compliance with AUP accidental discovery rule, and monitoring of conditions; (vi) specific areas to be investigated, monitored and recorded to the extent these are directly affected by the project; (vii) the proposed methodology for investigating and recording post-1900 historic heritage sites (including buildings) that need to be destroyed, demolished or relocated, including details of their condition, measures to mitigate any adverse effects and timeframe for implementing the proposed methodology, in accordance with the HNZPT Archaeological Guidelines Series No.1: Investigation and Recording of Buildings and Standing Structures (November 2018), or any subsequent version; (viii) methods to acknowledge cultural values identified through Condition 15 where archaeological sites also involve ngā taonga tuku iho (treasures handed down by our ancestors) and where feasible and practicable to do so; (ix) methods for avoiding, remedying or mitigating adverse effects on historic heritage places and sites within the designation during Construction Works as far as practicable. These methods shall include, but are not limited to: A. security fencing or hoardings around historic heritage places to protect them from damage during construction or unauthorised access; B. measures to mitigate adverse effects on historic heritage sites that achieve positive historic heritage outcomes such as increased public awareness and interpretation signage; and C. training requirements and inductions for contractors and subcontractors on historic heritage places within the designation, legal obligations relating to unexpected discoveries and the AUP Accidental Discovery Rule (E11.6.1). The training shall be undertaken prior to the Start of Construction, under the guidance of a Suitably Qualified Person and Mana Whenua representatives (to the extent the training relates to cultural values identified under Condition 15). Advice note: Accidental Discoveries The requirements for accidental discoveries of heritage items are set out in Rule E11.6.1 of the AUP.

28.	Pre-Construction Ecological Survey (a) At the start of detailed design for a Stage of Work, an updated ecological survey shall be undertaken in the relevant geographic area by a Suitably Qualified Person. The purpose of the survey is to inform ecological management by: (i) confirming whether the species of value within the Identified Biodiversity Areas recorded in the Identified Biodiversity Area Schedule 3 are still present; and (ii) confirming whether the project will or is likely to have a moderate or greater level of ecological effect on species of value (prior to implementation of impact management measures). The level of effect shall be determined in accordance with Table 10 of the EIANZ Guidelines (or subsequent updated version of that table) as included in Schedule 4 of these conditions. (b) If the ecological survey confirms the presence of ecological species of value in accordance with Condition 28(a)(i) and that effects are likely in accordance with Condition 28(a)(ii) then an Ecological Management Plan (or Plans) shall be prepared in accordance with Condition 29 for these areas (Confirmed Biodiversity Areas).

29.	Ecological Management Plan (EMP) (a) An EMP shall be prepared for any Confirmed Biodiversity Areas (confirmed through Condition 28) prior to the Start of Construction for a Stage of Work. The objective of the EMP is to minimise effects of the project on the ecological features of value in Confirmed Biodiversity Areas as far as practicable. (b) If an EMP is required in accordance with (a) for the presence of long tail bats, the EMP may include the following to achieve the objective: (i) measures to minimise as far as practicable, disturbance from construction activities within 50m of any active long tail bat roosts that are discovered through survey until such roosts are confirmed to be vacant of bats; (ii) timing of any Construction Works within 50m of any active maternity long tail bat roosts. Those Construction Works shall be undertaken outside the bat maternity period (between December and March) where reasonably practicable; (iii) details of areas where vegetation is to be retained and where additional planting is proposed to be provided and maintained for the purposes of the connectivity of long tail bat habitats; and (iv) details of measures to minimise any operational disturbance from light spill. (c) If an EMP is required in accordance with (a) for the presence of Threatened or At-Risk wetland birds, the EMP may include the following to achieve the objective: (i) details of any nesting bird surveys of Threatened or At-Risk wetland birds. Nesting bird surveys shall be undertaken within any wetland that is both within a Confirmed Biodiversity Area and located within a 50m radius of Construction Works. Surveys shall be undertaken prior to any such works taking place and repeated at the beginning of each wetland bird breeding season until the Completion of Construction; (ii) timing of any Construction Works which may have adverse effects on Threatened or At-Risk wetland birds. Those Construction Works shall be undertaken outside of the bird breeding season (September to February) where practicable; (iii) where works are required within the Confirmed Biodiversity Area during the bird breeding season, methods to minimise adverse effects on Threatened or At-Risk wetland birds; and (iv) details of what protection and buffer measures are proposed to manage effects on nesting Threatened or At-Risk wetland birds identified through a survey undertaken in accordance with Condition (c)(i). Proposed measures shall address: A. the type, intensity and duration of construction activity; B. the likely sensitivity of the nesting bird species to the construction activity; and C. any environmental features (e.g., vegetation and contour) that could influence the extent of potential adverse effects on the Threatened or At-Risk wetland birds. (d) The EMP shall be consistent with any ecological management measures to be undertaken in compliance with conditions of any regional resource consents granted for the project. Advice note: Depending on the potential effects of the project, the regional consents for the project may include the following monitoring and management plans: (i) stream and/or wetland restoration plans; (ii) vegetation restoration plans; and (iii) fauna management plans (e.g. avifauna).

30.	Tree Management Plan (TMP) (a) Prior to the Start of Construction for a Stage of Work, a TMP shall be prepared. The objective of the TMP is to avoid, remedy or mitigate effects of construction activities on trees identified in Schedule 5. (b) To achieve the objective, the TMP shall: (i) confirm that the trees listed in Schedule 5 still exist; and (ii) demonstrate how the design and location of project works has avoided, remedied or mitigated any effects on any tree listed in Schedule 5. This may include: A. any opportunities to relocate listed trees where practicable; B. planting to replace trees that require removal (with reference to the ULDMP planting design details in Condition 18); C. tree protection zones and tree protection measures such as protective fencing, ground protection and physical protection of roots, trunks and branches; and D. methods for work within the rootzone of trees that are to be retained in line with accepted arboricultural standards including provision of kauri dieback management measures. (iii) demonstrate how the tree management measures (outlined in A – D above) are consistent with any relevant conditions of resource consents granted for the project. (c) Where replacement planting of any tree listed in Schedule 5 is required under (b)(ii)(B) it shall be at a ratio of 2:1 for Single Trees and a minimum of like for like (in m²) for Group of Trees.
31.	Network Utility Management Plan (NUMP) (a) A NUMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the NUMP is to set out a framework for protecting, relocating and working in proximity to existing network utilities. (b) To achieve the objective, the NUMP shall include methods to: (i) provide access for maintenance at all reasonable times, or emergency works at all times during construction activities; (ii) protect and where necessary, relocate existing network utilities; (iii) manage the effects of dust and any other material potentially resulting from construction activities and able to cause material damage, beyond normal wear and tear to overhead transmission lines in the project area; (iv) demonstrate compliance with relevant standards and Codes of Practice including, where relevant, the NZECP 34:2001 New Zealand Electrical Code of Practice for Electrical Safe Distances 2001; AS/NZS 4853:2012 Electrical hazards on Metallic Pipelines, and AS/NZS 2885 Pipelines – Gas and Liquid Petroleum. (c) The NUMP shall be prepared in consultation with the relevant Network Utility Operator(s) who have existing assets that are directly affected by the project. (d) The development of the NUMP shall consider opportunities to coordinate future work programmes with other Network Utility Operator(s) during detailed design where practicable. (e) The NUMP shall describe how any comments from the Network Utility Operator in relation to its assets have been addressed. (f) Any comments received from the Network Utility Operator shall be considered when finalising the NUMP. (g) Any amendments to the NUMP related to the assets of a Network Utility Operator shall be prepared in consultation with that asset owner.

32.	Network Integration Management Plan (NIMP) (a) At least six months prior to the start of detailed design for a Stage of Work, the Requiring Authority shall prepare, in collaboration with other relevant road controlling authorities, a NIMP. (b) The objective of the NIMP is to identify how the project will integrate with the planned transport network in the North Growth Area to achieve an effective, efficient and safe land transport system. To achieve this objective, the NIMP shall include details of the: (i) project implementation approach and any staging of the project, including both design, management and operational matters; and (ii) sequencing of the project with the planned transport network, including both design, management and operational matters.
Operational conditions	

33.	Low Noise Road Surface (a) Asphaltic concrete surfacing (or equivalent low noise road surface) shall be implemented within 12 months of Completion of Construction of the project. (b) The asphaltic concrete surface shall be maintained as far as practicable to retain the noise reduction performance of the surface established in accordance with (a), unless Condition 34 applies.
34.	Future Resurfacing Work (a) Any future resurfacing works of the project shall be undertaken in accordance with the Auckland Transport Reseal Guidelines, Asset Management and Systems 2013 or any updated version and asphaltic concrete surfacing (or equivalent low noise road surface) shall be implemented where: (i) the volume of traffic exceeds 10,000 vehicles per day; (ii) the road is subject to high wear and tear (such as cul de sac heads, roundabouts and main road intersections); (iii) it is in an industrial or commercial area where there is a high concentration of truck traffic; or (iv) it is subject to high usage by pedestrians, such as town centres, hospitals, shopping centres and schools. (b) Prior to commencing any future resurfacing works, the Requiring Authority shall advise the Manager if any of the triggers in Condition 34(a)(i) – (iv) are not met by the road or a section of it and therefore where the application of asphaltic concrete surfacing (or equivalent low noise road surface) is no longer required on the road or a section of it. Such advice shall also indicate when any resealing is to occur.
	Traffic Noise For the purposes of Conditions 35 to 40: (a) Building-Modification Mitigation – has the same meaning as in NZS 6806; (b) Design year has the same meaning as in NZS 6806; (c) Detailed Mitigation Options – means the fully detailed design of the Selected Mitigation Options, with all practical issues addressed; (d) Habitable Space – has the same meaning as in NZS 6806; (e) Identified Noise Criteria Category – means the Noise Criteria Category for a PPF identified in Schedule 6: Identified PPFs Noise Criteria Categories; (f) Mitigation – has the same meaning as in NZS 6806:2010 Acoustics – Road-traffic noise – New and altered roads; (g) Noise Criteria Categories – means the groups of preference for sound levels established in accordance with NZS 6806 when determining the Best Practicable Option for noise mitigation (i.e. Categories A, B and C); (h) NZS 6806 – means New Zealand Standard NZS 6806:2010 Acoustics – Road-traffic noise – New and altered roads; (i) Protected Premises and Facilities (PPFs) – means only the premises and facilities identified in Schedule 6: Identified PPFs Noise Criteria Categories; (j) Selected Mitigation Options – means the preferred mitigation option resulting from a Best Practicable Option assessment undertaken in accordance with NZS 6806 taking into account any low noise road surface to be implemented in accordance with Condition 33; and (k) Structural Mitigation – has the same meaning as in NZS 6806.
35.	The Noise Criteria Categories identified in Schedule 6: Identified PPFs Noise Criteria Categories at each of the PPFs shall be achieved where practicable and subject to Conditions 35 to 40 (all traffic noise conditions). The Noise Criteria Categories do not need to be complied with at a PPF where: (a) the PPF no longer exists; or (b) agreement of the landowner has been obtained confirming that the Noise Criteria Category does not need to be met. Achievement of the Noise Criteria Categories for PPFs shall be by reference to a traffic forecast for a high growth scenario in a design year at least 10 years after the programmed opening of the project.

36.	As part of the detailed design of the project, a Suitably Qualified Person shall determine the Selected Mitigation Options for the PPFs identified on Schedule 6: Identified PPFs Noise Criteria Categories. For the avoidance of doubt, the low noise road surface implemented in accordance with Condition 33 may be (or be part of) the Selected Mitigation Option(s).
37.	Prior to the Start of Construction of the project, a Suitably Qualified Person shall develop the Detailed Mitigation Options for the PPFs identified in Schedule 6: Identified PPFs Noise Criteria Categories, taking into account the Selected Mitigation Options.
38.	If the Detailed Mitigation Options would result in the Identified Noise Criteria Category changing to a less stringent Category, e.g. from Category A to B or Category B to C, at any relevant PPF, a Suitably Qualified Person shall provide confirmation to the Manager that the Detailed Mitigation Option would be consistent with adopting the Best Practicable Option in accordance with NZS 6806 prior to implementation.
39.	The Detailed Mitigation Options shall be implemented prior to Completion of Construction of the project, with the exception of any low-noise road surfaces, which shall be implemented within 12 months of Completion of Construction.
40.	Any barriers required by the Detailed Mitigation Options shall be maintained so they retain their noise reduction performance as far as practicable.

Attachments

Schedule 1: General Accordance Plans and Information

Project Description

The proposed work is the construction, operation and maintenance of an upgrade to East Coast Road to an urban arterial corridor between Hibiscus Coast Highway, Silverdale and Ō Mahurangi Penlink (Redvale) Interchange, including active mode facilities and associated infrastructure.

The proposed work is shown in the following Concept Plan and includes:

- Upgrading the corridor to an urban arterial corridor with walking and cycling facilities.
- Tie-ins with existing roads and localised widening around the existing intersections to accommodate new intersection forms.
- New or upgraded stormwater management systems, bridges and culverts (where applicable).
- Batter slopes, and associated cut and fill activities (earthworks).
- Vegetation removal.
- Other construction related activities required outside the permanent corridor including the re-grade of driveways, construction traffic manoeuvring and construction laydown areas.

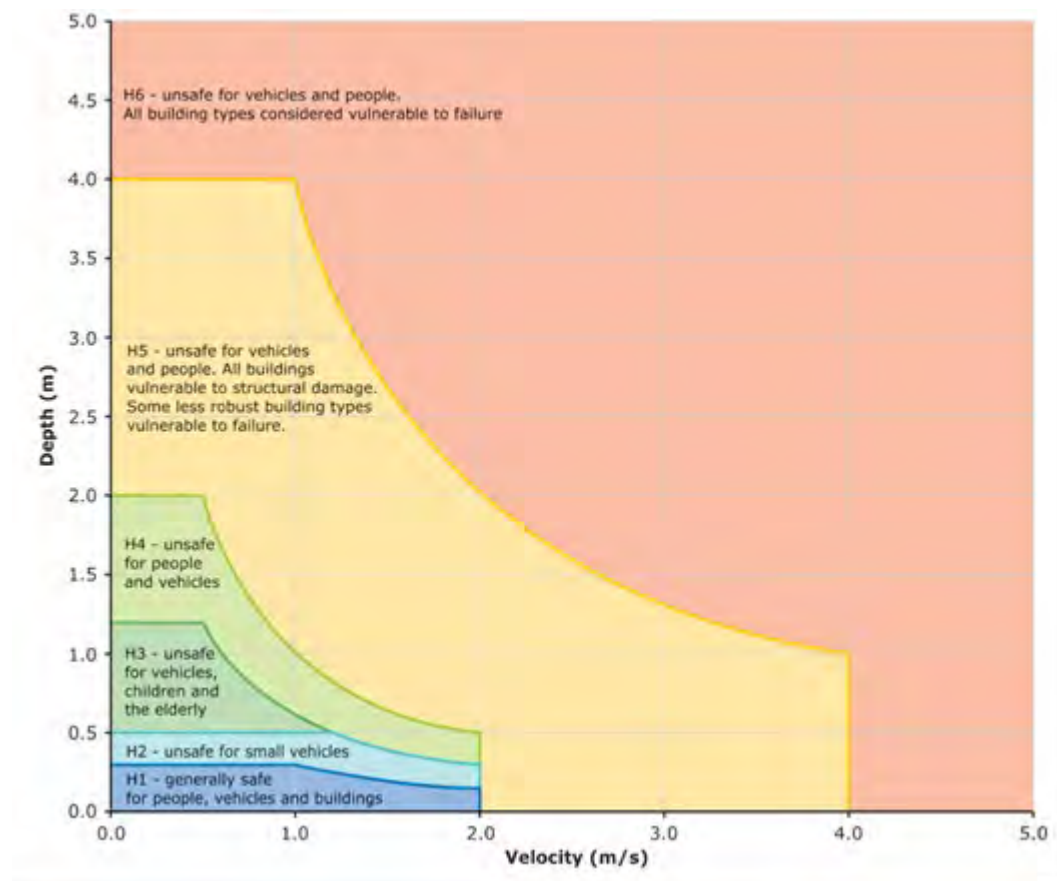
Concept Plan



Schedule 2 – Flood Hazard Class

The combined flood hazard curves shown below set hazard thresholds that relate to the vulnerability of the community when interacting with floodwaters. The combined curves are divided into hazard classifications that relate to specific vulnerability thresholds

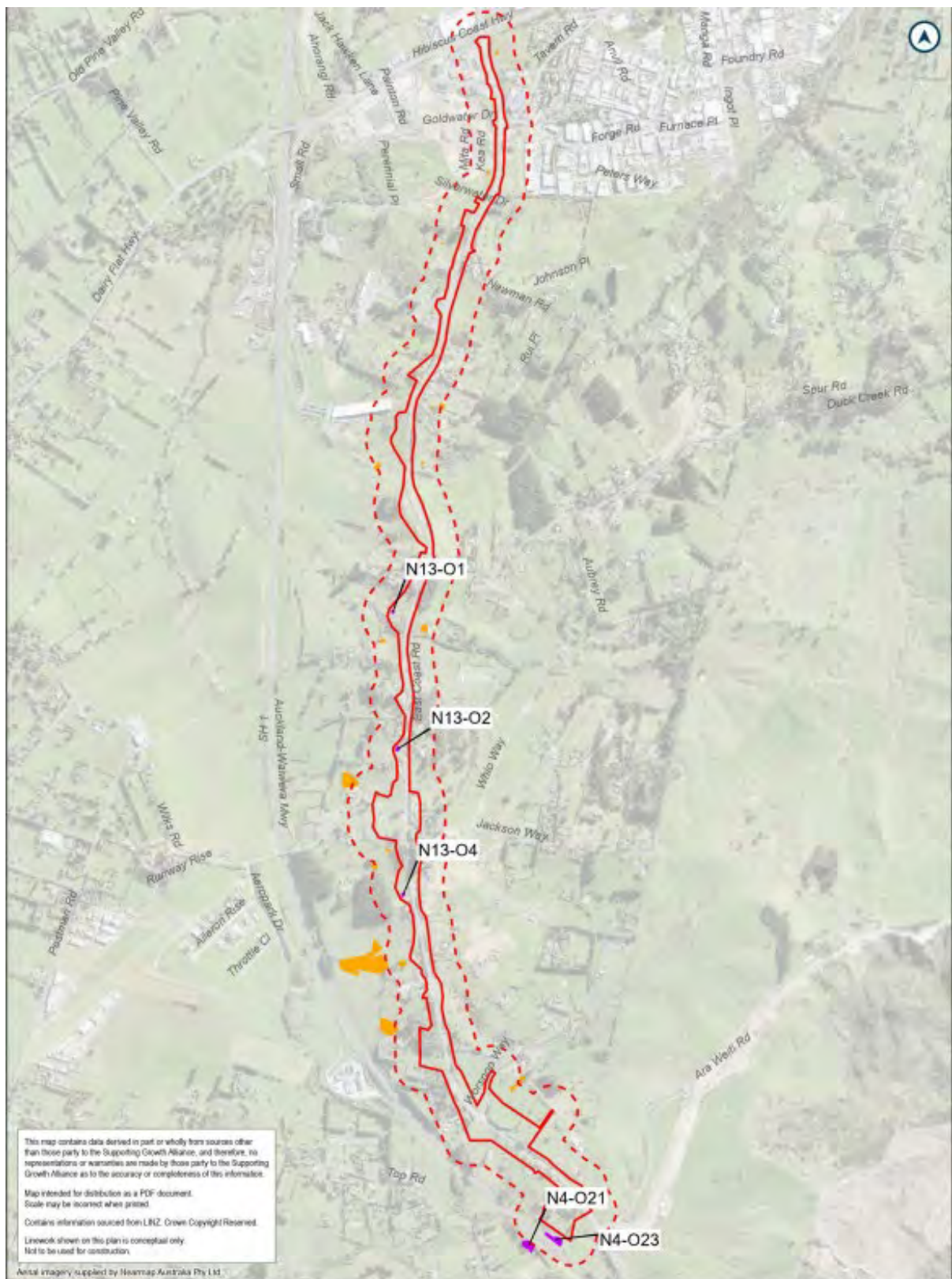
The vulnerability thresholds identified in the flood hazard curves can be applied to the best description of flood behaviour available for a subject site. In this regard, the hazard curves can be applied equally to flood behaviour estimates from measured data, simpler 1D numerical modelling approaches, through to complex 2D model estimates with the level of accuracy and uncertainty of the flood hazard estimate linked to the method used to derive the flood behaviour estimate.



Source: Australian Rainfall and Runoff, Book 6, 2019

Schedule 3: Identified Biodiversity Areas





LEGEND

— Designation Boundary - - - Buffer 100m

**Identified Biodiversity
Areas for Wetland
Avifauna**

■ Named Wetland

■ Unnamed Wetland

0 410 820
Metres

Schedule 4: Table 10 of the 2018 EIANZ Guidelines

Criteria for describing level of effects (Adapted from Regini (2000) and Boffa Miskell (2011))

Ecological Value → Magnitude ↓	Very high	High	Moderate	Low	Negligible
Very high	Very high	Very high	High	Moderate	Low
High	Very high	Very high	Moderate	Low	Very low
Moderate	High	High	Moderate	Low	Very low
Low	Moderate	Low	Low	Very low	Very low
Negligible	Low	Very low	Very low	Very low	Very low
Positive	Net gain	Net gain	Net gain	Net gain	Net gain

Schedule 5: Trees to be included in the Tree Management Plan

Tree number	Vegetation type	Protection	Location	Species	Age
1301	Mixed exotic species /Manuka	Road reserve	Adjacent to 2118-2150 East Coast Road	Gorse (<i>Ulex europaeus</i>), Wilding Pine (<i>Pinus sp.</i>), She Oak (<i>Casuarina cunninghamiana</i>), Manuka (<i>Leptospermum scoparium</i>)	Semi-mature
1309	She Oak row	Road reserve	Adjacent to 2086 East Coast Road	She Oak (<i>Casuarina cunninghamiana</i>)	Semi-mature
1310	She Oak and Gorse	Road reserve	Adjacent to 2076/2086 East Coast Road	She Oak (<i>Casuarina cunninghamiana</i>), Gorse (<i>Ulex europaeus</i>), other weed species	Semi-mature
1305	4x Manuka	Road Reserve	Adjacent to 2200 East Coast Road	Manuka (<i>Leptospermum scoparium</i>)	Semi-mature
1306	3x Gum trees	Road Reserve	Adjacent to 31 Blanc Road	Eucalyptus/ Gum tree (<i>Eucalyptus sp.</i>)	Semi-mature





Schedule 6: Identified PPFs Noise Criteria Categories

Address	New or Altered Road	Noise Criteria Category
1959 East Coast Road	Altered	B
1746 East Coast Road	Altered	B
1 Kea Road	Altered	B
2 Spur Road	Altered	B
1787 East Coast Road	Altered	B
5 Kea Road	Altered	B
7 Kea Road	Altered	B
3 Kea Road	Altered	B
9 Kea Road	Altered	B
1780A East Coast Road	Altered	B
11 Kea Road	Altered	B
13 Kea Road	Altered	B
15 Kea Road	Altered	B
17 Kea Road	Altered	A
19 Kea Road	Altered	A
21 Kea Road	Altered	A
2 Kea Road	Altered	A
23 Kea Road	Altered	A
2127 East Coast Road	Altered	A
16 Spur Road	Altered	A
25 Kea Road	Altered	A
1 Mita Road	Altered	A
1778 East Coast Road	Altered	A
2109 East Coast Road	Altered	A
8 Jackson Way	Altered	A
1837 East Coast Road	Altered	A

1910 East Coast Road	Altered	A
57 Kea Road	Altered	A
1797 East Coast Road	Altered	A
1824 East Coast Road	Altered	A
32 Worsnop Way	Altered	A
2157 East Coast Road	Altered	A
2087 East Coast Road	Altered	A
1791 East Coast Road	Altered	A
1826 East Coast Road	Altered	A
1971 East Coast Road	Altered	A
27 Kea Road	Altered	A
1914 East Coast Road	Altered	A
1921 East Coast Road	Altered	A
1871 East Coast Road	Altered	A
2083 East Coast Road	Altered	A
2077 East Coast Road	Altered	A
43 Kea Road	Altered	A
11 Spur Road	Altered	A
1832 East Coast Road	Altered	A
2104 East Coast Road	Altered	A
1830 East Coast Road	Altered	A
55 Kea Road	Altered	A
1838 East Coast Road	Altered	A
4 Kea Road	Altered	A
29 Kea Road	Altered	A
1960 East Coast Road	Altered	A
2118 East Coast Road	Altered	A
33 Kea Road	Altered	A
1976 East Coast Road	Altered	A

10 Newman Road	Altered	A
31 Kea Road	Altered	A
6 Kea Road	Altered	A
37 Kea Road	Altered	A
1853 East Coast Road	Altered	A
1857 East Coast Road	Altered	A
8 Kea Road	Altered	A
35 Kea Road	Altered	A
1958 East Coast Road	Altered	A
1862 East Coast Road	Altered	A
53 Kea Road	Altered	A
39 Kea Road	Altered	A
41 Kea Road	Altered	A
60 Kea Road	Altered	A
3 Mita Road	Altered	A
10 Kea Road	Altered	A
56 Kea Road	Altered	A
14 Kea Road	Altered	A
12 Kea Road	Altered	A
58 Kea Road	Altered	A
52 Kea Road	Altered	A
5 Mita Road	Altered	A
16 Kea Road	Altered	A
43 Mita Road	Altered	A
18 Kea Road	Altered	A
19 Spur Road	Altered	A
54 Kea Road	Altered	A
47 Kea Road	Altered	A
41 Mita Road	Altered	A

45 Mita Road	Altered	A
49 Mita Road	Altered	A
55 Mita Road	Altered	A
2065 East Coast Road	Altered	A
2045 East Coast Road	Altered	A
51 Kea Road	Altered	A
50 Kea Road	Altered	A
49 Kea Road	Altered	A
25 Mita Road	Altered	A
1973 East Coast Road	Altered	A
45 Kea Road	Altered	A
20 Kea Road	Altered	A
47 Mita Road	Altered	A
7 Mita Road	Altered	A
39 Mita Road	Altered	A
51 Mita Road	Altered	A
2095 East Coast Road	Altered	A
2065A East Coast Road	Altered	A
53 Mita Road	Altered	A
48 Kea Road	Altered	A
9 Mita Road	Altered	A
37 Mita Road	Altered	A
21 Mita Road	Altered	A
26 Kea Road	Altered	A
23 Mita Road	Altered	A
2079 East Coast Road	Altered	A
19 Mita Road	Altered	A
32 Kea Road	Altered	A
34 Kea Road	Altered	A

28 Kea Road	Altered	A
35 Mita Road	Altered	A
17 Mita Road	Altered	A
36 Kea Road	Altered	A
11 Mita Road	Altered	A
44 Kea Road	Altered	A
38 Kea Road	Altered	A
46 Kea Road	Altered	A
27 Mita Road	Altered	A
42 Kea Road	Altered	A
30 Kea Road	Altered	A
33 Mita Road	Altered	A
40 Kea Road	Altered	A
29 Mita Road	Altered	A
31 Mita Road	Altered	A
13 Mita Road	Altered	A
22 Kea Road	Altered	A
15 Mita Road	Altered	A
2095A East Coast Road	Altered	A
24 Kea Road	Altered	A
17 Newman Road	Altered	A

Attachment 2
Environment Court Decision [2025] NZEnvC 312

IN THE ENVIRONMENT COURT
AT AUCKLAND

I TE KŌTI TAIAO O AOTEAROA
KI TĀMAKI MAKĀURAU

Decision [2025] NZEnvC 312

IN THE MATTER OF

an appeal under s 174 of the Resource
Management Act 1991

BETWEEN

NORTHRIDGE2018 LIMITED

(ENV-2025-AKL-045)

Appellant

AND

AUCKLAND TRANSPORT

Respondent

Court: Environment Judge J A Smith sitting alone under s 279 of the
Act

Last case event: 15 September 2025

Date of Decision: 22 September 2025

Date of Issue: 22 September 2025

CONSENT ORDER

A: Under section 279(1)(b) of the Resource Management Act 1991, the
Environment Court, by consent, orders that:

- (1) The proposed designation boundaries of NSS NoR 10 be amended as
set out in **Appendix A** to this Consent Order;
- (2) The conditions of NSS NoRs 6 and 10 be amended as set out in
Appendix B to this Consent Order;
- (3) NSS NoR 6 and NSS NoR 10 be confirmed; and



- (4) The appeal by Northridge2018 Limited (ENV-2025-AKL-000045) is dismissed.

B: Under section 285 of the Resource Management Act 1991, there is no order as to costs.

REASONS

Introduction

[1] This consent order relates to the appeal by Northridge2018 Limited (**Northridge**) in respect of NSS Notice of Requirement (**NoR**) 6 and 10, which form part of the North Shore to Silverdale Transport Projects (the **Project**).

Background

[2] Auckland Transport (**AT**) is responsible for the designation, funding, construction and operation of the Project, which includes a new connection between Milldale and Grand Drive, and upgrades to Wainui Road.

[3] AT lodged nine new NoRs (NSS NoRs 5 to 13) as part of the Project. The NoRs were lodged with Auckland Council on 20 October 2023 and were publicly notified on 16 December 2023.

[4] Northridge owns and operates the existing business at 379 Wainui Road, Upper Orewa (legally described as Part Allotment 52 Parish of Waiwera SO 1138 held in records of title NA1SD/1457 and NA86O/471) being Northridge Country Lodge, a 9-hole golf course, restaurant/café, conference centre, and 27-room hotel (the **Site**). Part of the Site is impacted by NSS NoRs 6 and 10. Northridge made submissions on NSS NoRs 6 and 10 and also appeared at the Council hearing.

[5] The Independent Hearing Panel issued its Recommendation on 8 November 2024. AT's Decision was notified by Auckland Council on 23 January 2025.

[6] On 14 February 2025, Northridge filed an appeal against AT's Decision on NSS NoRs 6 and 10 of the Project. Northridge appealed those aspects of AT's Decision that relate to and affect the Site and proposed an amendment to reduce the area affected by the designations.

[7] Vineway Limited joined Northridge's appeal as a section 274 party.

Agreement reached

[8] Following the filing of the Appeals, AT and Northridge have entered into direct discussions with a view to resolving the matters raised in the Appeals.

[9] AT and Northridge have agreed to amend the proposed NSS NoR 6 and 10 designation boundaries as set out in **Appendix A** to this order, which will fully resolve the appeal. The amendments to the proposed designation boundaries reduced the extent of impacts on the Site while still enabling flexibility in the design of the alignment in the future. The parties have also agreed consequential amendments to relevant schedules in the designation conditions. The conditions are set out in **Appendix B** to this order.

[10] Vineway Limited agree to the amendments to the NSS NoR 6 and 10 designation boundaries. They do not impact the properties subject to NSS NoR 6 in which Vineway Limited has an interest.

Consideration

[11] The Court has now read and considered the consent memorandum of the parties dated 15 September 2025.

[12] The Court is making this order under section 279(1) of the Act, such order being by consent, rather than representing a decision or determination on the merits. The Court understands for present purposes that:

- (a) All parties to the proceedings have executed the memorandum requesting this order; and

- (b) All parties are satisfied that all matters proposed for the Court's endorsement fall within the Court's jurisdiction, and conform to the relevant requirements and objectives of the Act including, in particular, Part 2.

[13] The agreement reached is responsive to the issues raised and will reduce the area affected by the designations. As such I conclude it represents a reasonable response to the owners concerns whilst still enabling the purpose of the NoR to be achieved.

Orders

[14] Therefore, the Court orders, by consent, that:

- (a) The proposed designation boundaries of NSS NoR 10 be amended as set out in **Appendix A** to this Consent Order;
- (b) The conditions of NSS NoRs 6 and 10 be amended as set out in **Appendix B** to this Consent Order;
- (c) NSS NoR 6 and NSS NoR 10 be confirmed; and
- (d) The appeal by Northridge2018 Limited (ENV-2025-AKL-000045) is dismissed.

[15] Under section 285 of the Resource Management Act 1991, there is no order as to costs.

Outstanding NoR's

[16] The Court notes that there are Notices of Requirement that relate to the North Shore to Silverdale Transport Project which are yet to be finalised:

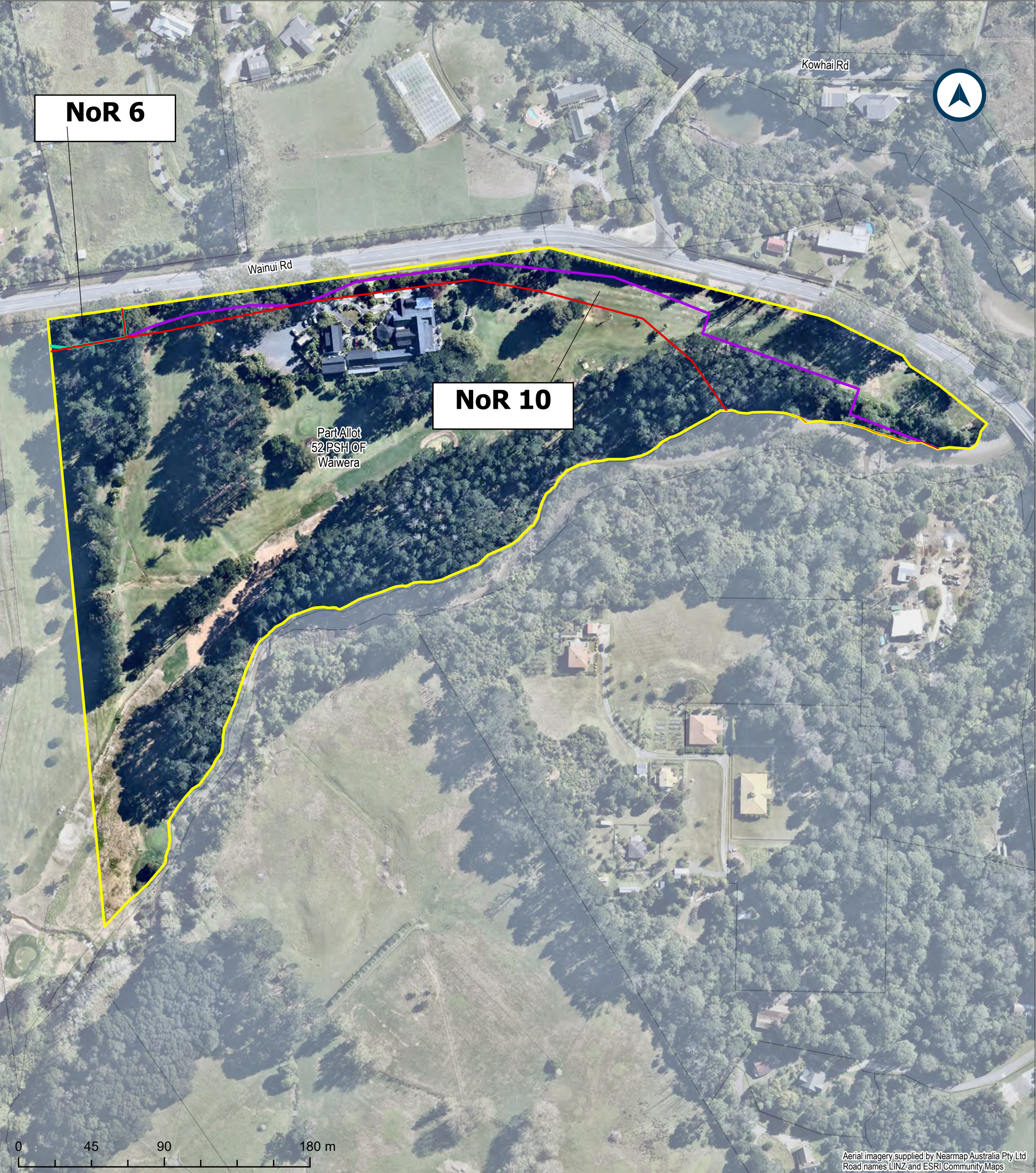
- (a) NoR 1 – New Rapid Transport Corridor between Albany and Milldale;
- (b) NoR 3 – New Pine Valley East Station and Associated Facilities;
- (c) NoR 4 – State Highway 1 Improvements – Albany to Orewa; and

(d) NoR 7 – Upgrade to Pine Valley Road.



J A Smith
Environment Judge | Kaiwhakawā o te Kōti Taiao





LEGEND

- Your Property Boundary
- Proposed designation boundary as lodged
- Updated designation boundary (NoR 10)
- Updated designation boundary (NoR 6)

Appendix A

Owner ID:301138
Title No: NA15D/1457
379 Wainui Road
Date : 9/06/2025

NOTES

1. Property Boundary data derived from Land Information New Zealand
2. This map shows the area of land that may be affected by the route
3. This plan may not include all the land in your ownership over a wider area
4. Blue hatched area for the proposed designation may also include areas to enable temporary construction works to take place

This map contains data derived in part or wholly from sources other than those party to the Supporting Growth Alliance, and therefore, no representations or warranties are made by those party to the Supporting Growth Alliance as to the accuracy or completeness of this information.
Map intended for distribution as a PDF document. Scale may be incorrect when printed.

The recipient receives this information in confidence and in good faith. In receiving this information, the recipient acknowledges that this information may be subject to further amendments as part of any subsequent detailed design process.



Appendix B - NoR 6 conditions (tracked)

[XXXX] New Connection between Milldale and Grand Drive

Designation Number	[XXXX]
Requiring Authority	Auckland Transport
Location	Between Wainui Road in Milldale and Grand Drive in Upper Ōrewa
Lapse Date	In accordance with section 184(1)(c) of the RMA, this designation shall lapse if not given effect to within 30 years from the date on which it is included in the AUP.

Purpose

The construction, operation and maintenance of an arterial transport corridor and associated facilities.

Conditions

Abbreviations and definitions

Acronym/Term	Definition
Activity sensitive to noise	Any dwelling, visitor accommodation, boarding house, marae, papakāinga, integrated residential development, retirement village, supported residential care, care centre, lecture theatre in a tertiary Education Facility, classroom in an Education Facility and healthcare facility with an overnight stay facility
AUP	Auckland Unitary Plan
BPO or Best Practicable Option	Has the same meaning as in section 2 of the RMA 1991
CEMP	Construction Environmental Management Plan
Certification of material changes to management plans	Confirmation from the Manager that a material change to a management plan has been prepared in accordance with the condition to which it relates. A material change to a management plan shall be deemed certified: (a) where the Requiring Authority has received written confirmation from the Manager that the material change to the management plan is certified; or (b) 10 working days from the submission of the material change to the management plan where no written confirmation of certification has been received
CMP	Cultural Monitoring Plan
CNVMP	Construction Noise and Vibration Management Plan
CNVMP Schedule or Schedule	A schedule to the CNVMP
Completion of Construction	When construction of the project (or part of the project) is complete and it is available for use
Confirmed Biodiversity Areas	Areas recorded in the Identified Biodiversity Area Schedule where the ecological values and effects have been confirmed through the ecological survey under Condition 28
Construction Works	Activities undertaken to construct the project excluding Enabling Works
Council	Auckland Council
CTMP	Construction Traffic Management Plan
Developer	Any legal entity that intends to master plan or develop land adjacent to the designation
Development Agency	Public entities involved in development projects

Education Facility	Facility used for education to secondary level. Includes: - schools and outdoor education facilities; and - accommodation, administrative, cultural, religious, health, retail and communal facilities accessory to the above. Excludes: - care centres; and - tertiary education facilities.
EIANZ Guidelines	Ecological Impact Assessment: EIANZ Guidelines for use in New Zealand: terrestrial and freshwater ecosystems, second edition, dated May 2018
EMP	Ecological Management Plan
Enabling Works	Includes, but is not limited to, the following and similar activities: (a) geotechnical investigations (including trial embankments); (b) archaeological site investigations; (c) formation of access for geotechnical investigations; (d) establishment of site yards, site entrances and fencing; (e) constructing and sealing site access roads; (f) demolition or removal of buildings and structures; (g) relocation of services; and (h) establishment of mitigation measures (such as erosion and sediment control measures, temporary noise walls, earth bunds and planting)
HHMP	Historic Heritage Management Plan
HNZPT	Heritage New Zealand Pouhere Taonga
HNZPTA	Heritage New Zealand Pouhere Taonga Act 2014
Identified Biodiversity Area	Means an area or areas of features of ecological value where the project ecologist has identified that the project will potentially have a moderate or greater level of ecological effect, prior to implementation of impact management measures, as determined in accordance with the EIANZ Guidelines
Manager	The Manager – Resource Consents of the Auckland Council, or authorised delegate
Mana Whenua	Mana Whenua as referred to in the conditions are considered to be, but not limited to, the following (in no particular order), who at the time of Notice of Requirement expressed a desire to be involved in the project: (a) Ngāti Manuhiri (b) Te Kawerau ā Maki (c) Te Ākitai Waiohū (d) Ngāti Whanaunga (e) Te Runanga o Ngāti Whātua (f) Ngāti Maru (g) Te Patu Kirikiri (h) Ngāti Whātua o Kaipara (i) Ngāti Tamaterā (j) Ngai Tai ki Tāmaki (k) Ngāti Paoa Iwi Trust (l) Ngāti Paoa Trust Board Note: other iwi not identified above may have an interest in the project and should be consulted
Network Utility Operator	Has the same meaning as set out in section 166 of the RMA
NIMP	Network Integration Management Plan
NoR	Notice of Requirement

North Growth Area	Land for future urban development in the North of Auckland, including Future Urban zoned areas in Ara Hills, Ōrewa, Wainui East, Silverdale West, Redvale and Dairy Flat
NUMP	Network Utilities Management Plan
Outline Plan	An outline plan prepared in accordance with section 176A of the RMA
Overland Flow Path	Means a low point in terrain, excluding a permanent watercourse or intermittent river or stream, where surface runoff will flow, with an upstream contributing catchment exceeding 4,000m ²
Project Liaison Person	The person or persons appointed for the duration of the project's Construction Works to be the main point of contact for persons wanting information about the project or affected by the Construction Works
Protected Premises and Facilities (PPF)	Protected Premises and Facilities as defined in New Zealand Standard NZS 6806:2010: <i>Acoustics – Road-traffic noise – New and altered roads</i>
Requiring Authority	Has the same meaning as section 166 of the RMA and, for this designation is Auckland Transport
RMA	Resource Management Act 1991
SCEMP	Stakeholder Communication and Engagement Management Plan
Stakeholder	Stakeholders to be identified in accordance with Condition 4, which may include as appropriate: (a) adjacent owners and occupiers; (b) adjacent business owners and operators; (c) central and local government bodies; (d) community groups; (e) developers; (f) development agencies; (g) Education Facilities; and (h) Network Utility Operators.
Stage of Work	Any physical works that require the development of an Outline Plan
Start of Construction	The time when Construction Works (excluding Enabling Works) start
Suitably Qualified Person	A person (or persons) who can provide sufficient evidence to demonstrate their suitability, experience and competence in the relevant field of expertise.
ULDMP	Urban and Landscape Design Management Plan

General conditions	
1.	Activity in General Accordance with Plans and Information (a) Except as provided for in the conditions below, and subject to final design and Outline Plan(s), works within the designation shall be undertaken in general accordance with the project description and concept plan in Schedule 1. (b) Where there is inconsistency between: (i) the project description and concept plan in Schedule 1 and the requirements of the following conditions, the conditions shall prevail; (ii) the project description and concept plan in Schedule 1, and the management plans under the conditions of the designation, the requirements of the management plans shall prevail.
2.	Project Information (a) A project website, or equivalent virtual information source, shall be established as soon as reasonably practicable, and within six months of the inclusion of this designation in the AUP. This shall be updated as required so it remains current. (b) All directly affected owners and occupiers shall be notified in writing as soon as reasonably practicable once the website or equivalent information source has been established. The project website or virtual information source shall include these conditions and shall provide information on: (i) the status of the project; (ii) anticipated construction timeframes; (iii) contact details for enquiries; (iv) the implications of the designation for landowners, occupiers and business owners and operators within the designation and where they can receive additional advice; (v) a subscription service to enable receipt of project updates by email; (vi) the types of activities that can be undertaken by landowners without the need for written consent to be obtained under s176(1)(b) of the RMA; and (vii) when and how to apply for consent for works in the designation under section 176(1)(b) of the RMA. (c) At ten yearly intervals from the inclusion of this designation in the AUP until the start of detailed design, the Requiring Authority shall identify appropriate methods with the relevant Local Board(s) to: (i) inform the wider community of the project status; and (ii) raise awareness of the project website. (d) At the start of detailed design for a Stage of Work, the project website or virtual information source shall be updated to provide information on the likely date for Start of Construction, and any Staging of Works.

3.	Land use Integration Process (a) The Requiring Authority shall set up a Land use Integration Process for the period between confirmation of the designation and the Start of Construction. The purpose of this process is to encourage and facilitate the integration of master planning and land use development activity on land directly affected or adjacent to the designation. To achieve this purpose: (i) the Requiring Authority shall include the contact details of a nominated contact on the project website (or equivalent information source) required to be established by Condition 2(b)(iii); and (ii) the nominated contact shall be the main point of contact for a Developer or Development Agency wanting to work with the Requiring Authority to integrate their development plans or master planning with the designation. (b) At any time prior to the Start of Construction, the nominated contact will be available to engage with a Developer or Development Agency for the purpose of: (i) responding to requests made to the Requiring Authority for information regarding design details that could assist with land use integration; and (ii) receiving information from a Developer or Development Agency regarding master planning or land development details that could assist with land use integration. (c) Information requested or provided under Condition 3(b) above may include but not be limited to the following matters: (i) design details including but not limited to: A. boundary treatment (e.g. the use of retaining walls or batter slopes); B. the horizontal and vertical alignment of the road (levels); C. potential locations for mid-block crossings; D. integration of stormwater infrastructure; and E. traffic noise modelling contours. (ii) potential modifications to the extent of the designation in response to information received through Condition 3(b)(ii); (iii) a process for the Requiring Authority to undertake a technical review of or provide comments on any master planning or development proposal advanced by the Developer or Development Agency as it relates to integration with the project; and (iv) details of how to apply for written consent from the Requiring Authority for any development proposal that relates to land that is within the designation under section 176(1)(b) of the RMA. (d) Where information is requested from the Requiring Authority and is available, the nominated contact shall provide the information unless there are reasonable grounds for not providing it. (e) The nominated contact shall maintain a record of the engagement between the Requiring Authority and Developers and Development Agencies for the period following the date in which this designation is included in the AUP through to the Start of Construction for a Stage of Work. The record shall include: (i) details of any requests made to the Requiring Authority that could influence detailed design, the results of any engagement and, where such requests that could influence detailed design are declined, the reasons why the Requiring Authority has declined the requests; and (ii) details of any requests to co-ordinate the forward work programme, where appropriate, with Development Agencies and Network Utility Operators. (f) The record shall be submitted to Council for information 10 working days prior to the Start of Construction for a Stage of Work

4.	Stakeholder Communication and Engagement Design (a) At least six months prior to the start of detailed design for a Stage of Work, the Requiring Authority shall identify: (i) a list of Stakeholders; (ii) a list of properties within the designation which the Requiring Authority does not own or have occupation rights to; and (iii) methods to engage with Stakeholders and the owners and occupiers of properties identified in (a)(i) – (ii) above. (b) A record of (a) shall be submitted to the Manager for information with an Outline Plan for the relevant Stage of Work.
5.	Designation Review <u>Pre-construction review</u> If the land adjacent to the designation is re-zoned from Future Urban or any live urban zone to any rural zone (once made operative in the Auckland Unitary Plan), the Requiring Authority shall review the extent of the designation. In carrying out this review, the Requiring Authority shall: (i) Consider the implications of any zoning change and integration of land use with the transport network in the North Growth Area; (ii) Identify whether any areas of designated land are no longer required for the construction, operation, maintenance or mitigation of effects of the project; and (iii) Consider whether the boundaries of the designation require modification in accordance with section 182 of the RMA. <u>Post-construction review</u> As soon as reasonably practicable following Completion of Construction, the Requiring Authority shall: (i) review the extent of the designation to identify any areas of designated land that it no longer requires for the on-going operation, maintenance or mitigation of effects of the project; and (ii) give notice to the Manager in accordance with section 182 of the RMA for the removal of those parts of the designation identified above.
6.	Lapse In accordance with section 184(1)(c) of the RMA, this designation shall lapse if not given effect to within 30 years from the date on which it is included in the AUP.
7.	Network Utility Operators (Section 176 Approval) (a) Prior to the Start of Construction, Network Utility Operators with existing infrastructure located within the designation will not require written consent under section 176 of the RMA for the following activities: (i) operation, maintenance and repair works; (ii) minor renewal works to existing network utilities necessary for the on-going provision or security of supply of network utility operations; (iii) minor works such as new service connections; and (iv) the upgrade and replacement of existing network utilities in the same location with the same or similar effects on the works authorised by the designation as the existing utility. (b) To the extent that a record of written approval is required for the activities listed above, this condition shall constitute written approval.

8.	General Section 176 Approval (a) Prior to the start of the formal acquisition process under the Public Works Act 1981 for a property, or submission of the Outline Plan, persons on properties zoned Rural or Future Urban will not require written consent under section 176 of the RMA for the following activities: (i) Internal alterations; (ii) Repair of existing utility services; (iii) One extension to an existing structure as at 2023, up to 30m²; and (iv) Temporary or relocatable structures, provided they are removed from the site and the land is reinstated (including closing and capping any associated services) at the landowner's expense prior to the Start of Construction. The landowner shall be responsible for any resource consent required for the structures, their removal or relocation. (b) To the extent that a record of written approval is required for the activities listed above, this condition shall constitute written approval.
Pre-construction conditions	
9.	Outline Plan (a) An Outline Plan (or Plans) shall be prepared in accordance with section 176A of the RMA. (b) Outline Plans (or Plan) may be submitted in parts or in stages to address particular activities (e.g. design or construction aspects), or a Stage of Work of the project. (c) Outline Plans shall include any management plan or plans that are relevant to the management of effects of those activities or Stage of Work, which may include: (i) Construction Environmental Management Plan; (ii) Construction Traffic Management Plan; (iii) Construction Noise and Vibration Management Plan; (iv) Urban and Landscape Design Management Plan; (v) Historic Heritage Management Plan; (vi) Ecological Management Plan; (vii) Network Utilities Management Plan; and (viii) Network Integration Management Plan.
	Flood Hazard For the purpose of Condition 10: (a) AEP – means Annual Exceedance Probability; (b) Existing Authorised Habitable Floor – means the floor level of any room (floor) in a residential building which is authorised and exists at the time the Outline Plan is submitted, excluding a laundry, bathroom, toilet or any room used solely as an entrance hall, passageway or garage; (c) Flood Prone Area – means potential ponding areas that may flood in a 1% AEP event and commonly comprise of topographical depression areas. The areas can occur naturally or as a result of constructed features. Identification of a potential Flood Prone Area would be by an assessment of residual flood risk in a 1% AEP event (e.g. from blockage of the project stormwater network) on land outside and adjacent to the designation following the application of Conditions (10)(a)(i) – (iv). (d) Maximum Probable Development – is the design case for consideration of future flows allowing for development within a catchment that takes into account the maximum impervious surface limits of the current zone or if the land is zoned Future Urban in the AUP, the probable level of development arising from zone changes; (e) Pre-Project Development – means existing site condition prior to the project (including existing buildings and roadways); and (f) Post-Project Development – means site condition after the project has been completed (including existing and new buildings and roadways).

10.	Flood Hazard (a) The project shall be designed to achieve the following flood risk outcomes beyond the boundary of the designation: (i) no increase in flood levels in a 1% AEP event for Existing Authorised Habitable Floors that are already subject to flooding or have a freeboard less than 500mm; (ii) no increase in flood levels in a 1% AEP event for authorised community, commercial, industrial and network utility building floors existing at the time the Outline Plan is submitted that are already subject to flooding or have a freeboard less than 300mm; (iii) maximum of 50mm increase in flood levels in a 1% AEP event outside and adjacent to the designation boundary between the Pre-Project Development and Post-Project Development scenarios; (iv) no increase of Flood Hazard Class for the main access to authorised habitable dwellings existing at the time the Outline Plan is submitted. The assessment shall be undertaken for the 1% AEP rainfall event and reference the hazard class in accordance with Schedule 2 to these conditions; and (v) no new Flood Prone Areas. (b) Compliance with this condition shall be demonstrated in the Outline Plan, which shall include flood modelling of the Pre-Project Development and Post-Project Development 1% AEP flood levels (for Maximum Probable Development land use with allowances for climate change). (c) Where: (i) the flood risk outcomes in (a) can be achieved through alternative measures outside of the designation such as flood stop banks, flood walls, raising Existing Authorised Habitable Floor level and new overland flow paths; or (ii) the outcomes are varied at specific location(s) through agreement with the relevant landowner, confirmation shall be provided to the Manager that any necessary landowner agreement and statutory approvals have been obtained for that alternative measure or varied outcome.
11.	Overland Flow Paths Where the project modifies an Overland Flow Path by either: • diverting the entry or exit point at the designation boundary; or • piping, or reducing its capacity; the design shall provide for the continued passage of flow in a manner which manages potential effects upstream and downstream of the modified Overland Flow Path.
12.	Existing property access Prior to submission of the Outline Plan, consultation shall be undertaken with landowners and occupiers whose vehicle access to their property will be altered by the project. The Outline Plan shall demonstrate how safe reconfigured or alternate access will be provided, unless otherwise agreed with the affected landowner.

13.	Management Plans (a) Any management plan shall: (i) be prepared and implemented in accordance with the relevant management plan condition; (ii) be prepared by a Suitably Qualified Person(s); (iii) include sufficient detail relating to the management of effects associated with the relevant activities and/or Stage of Work to which it relates; (iv) be submitted as part of an Outline Plan pursuant to section 176A of the RMA, with the exception of SCEMPs and CNVMP Schedules; and (v) once finalised, uploaded to the project website or equivalent virtual information source. (b) Any management plan developed in accordance with Condition 13 may: (i) be submitted in parts or in stages to address particular activities (e.g. design or construction aspects), a Stage of Work of the project, or to address specific activities authorised by the designation; and (ii) except for material changes, be amended to reflect any changes in design, construction methods or management of effects without further process; (c) Information shall be submitted with the management plan (or revised plan as referred to in (d) below) which summarises outcomes of consultation and any input received from Mana Whenua and Stakeholders as required by the relevant management plan condition. The summary shall note how this input has been incorporated or reflected in the management plan, or if not, the reasons why; (d) If there is a material change required to a management plan which has been submitted with an Outline Plan, the revised part of the plan shall be submitted to the Manager as an update to the Outline Plan or for Certification as soon as practicable following identification of the need for a revision; and (e) Any material changes to the SCEMP(s) are to be submitted to the Manager for information.
14.	Stakeholder Communication and Engagement Management Plan (SCEMP) (a) A SCEMP shall be prepared in consultation with relevant Stakeholders prior to the Start of Construction. The objective of the SCEMP is to identify how the public and Stakeholders will be engaged with throughout Construction Works. (b) To achieve the objective, the SCEMP shall include: (i) a list of Stakeholders; (ii) the contact details for the Project Liaison Person. These details shall be on the project website, or equivalent virtual information source, and prominently displayed at the main entrance(s) to the site(s); (iii) methods for engaging with Mana Whenua, to be developed in consultation with Mana Whenua; (iv) methods and timing to engage with owners and occupiers whose access is directly affected; (v) methods to communicate key project milestones and the proposed hours of construction activities including outside of normal working hours and on weekends and public holidays, to the parties identified in (b)(i) above; and (vi) linkages and cross-references to communication and engagement methods set out in other conditions and management plans where relevant. (c) Any SCEMP prepared for a Stage of Work shall be submitted to the Manager for information a minimum of 10 working days prior to the Start of Construction for a Stage of Work.

15.	Cultural Advisory Report (a) At least six months prior to the start of detailed design for a Stage of Work, Mana Whenua shall be invited to prepare a Cultural Advisory Report for the project. The objective of the Cultural Advisory Report is to assist in understanding and identifying ngā taonga tuku iho (treasures handed down by our ancestors) affected by the project, to inform their management and protection. (b) To achieve the objective, the Requiring Authority shall invite Mana Whenua to prepare a Cultural Advisory Report that: (i) identifies the cultural sites, landscapes and values that have the potential to be affected by the construction and operation of the project; (ii) sets out the desired outcomes for management of potential effects on cultural sites, landscapes and values; (iii) identifies traditional cultural practices within the area that may be impacted by the project; (iv) identifies opportunities for restoration and enhancement of identified cultural sites, landscapes and values within the project area; (v) taking into account the outcomes of (i) to (iv) above, identify cultural matters and principles that should be considered in the development of the ULDMP (Condition 16) and HHMP (Condition 27) and the CMP referred to in Condition 21; and (vi) identifies and (if possible) nominates traditional names along the project alignment. Noting there may be formal statutory processes outside the project required in any decision-making. (c) The desired outcomes for management of potential effects on cultural sites, landscapes and values identified in the Cultural Advisory Report shall be discussed with Mana Whenua and those outcomes reflected in the relevant management plans where practicable; and (d) Conditions 15(b) and (c) will cease to apply if: (i) Mana Whenua have been invited to prepare a Cultural Advisory Report by a date at least six months prior to the Start of Construction; and (ii) Mana Whenua have not provided a Cultural Advisory Report within six months prior to the Start of Construction.
	Urban and Landscape Design Management Plan (ULDMP)
16.	(a) A ULDMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the ULDMP(s) is to: (i) enable integration of the project's permanent works into the surrounding landscape and urban context; and (ii) ensure that the project manages potential adverse landscape and visual effects as far as practicable and contributes to a quality urban environment. (b) Mana Whenua shall be invited to participate in the development of the ULDMP(s) to provide input into relevant cultural landscape and design matters including how desired outcomes for management of potential effects on cultural sites, landscapes and values identified and discussed in the Cultural Advisory Report in Condition 15 may be reflected in the ULDMP. (c) Relevant Stakeholders shall be invited to participate in the development of the ULDMP at least six months prior to the start of detailed design for a Stage of Work.

17.	(a) To achieve the objective set out in Condition 16, the ULDMP(s) shall provide details of how the project: (i) is designed to integrate with the adjacent urban (or proposed urban) and landscape context, including the surrounding existing or proposed topography, urban environment (eg. centres and density of built form), natural environment, landscape character and open space zones; (ii) provides appropriate walking and cycling connectivity to, and interfaces with, existing or proposed adjacent land uses, public transport infrastructure and walking and cycling connections; (iii) promotes inclusive access (where appropriate); (iv) promotes a sense of personal safety by aligning with best practice guidelines, such as: A. Crime Prevention Through Environmental Design (CPTED) principles; B. Safety in Design (SID) requirements; and C. Maintenance in Design (MID) requirements and anti-vandalism/anti-graffiti measures; (v) has responded to matters identified through the Land use Integration Process (Condition 3); and (b) The ULDMP shall be prepared in general accordance with: (i) Auckland Transport's Urban Roads and Streets Design Guide, or any subsequent or updated version; (ii) New Zealand Transport Agency Urban Design Guidelines: Bridging the Gap (2013) or any subsequent updated version; (iii) New Zealand Transport Agency Landscape Guidelines (2018) or any subsequent updated version; (iv) New Zealand Transport Agency P39 Standard Specification for Highway Landscape Treatments (2013) or any subsequent updated version; and (v) Auckland's Urban Ngahere (Forest) Strategy or any subsequent updated version.

18.	The ULDMP(s) shall include: (a) a concept plan – which depicts the overall landscape and urban design concept, and explain the rationale for the landscape and urban design proposals; (b) developed design concepts, including principles for walking and cycling facilities and public transport; (c) landscape and urban design details – that cover the following: (i) road design – elements such as intersection form, carriageway gradient and associated earthworks contouring including cut and fill batters and the interface with adjacent land uses and existing roads (including slip lanes), benching, spoil disposal sites, median width and treatment, roadside width and treatment; (ii) roadside elements – such as lighting, fencing, wayfinding and signage; (iii) architectural and landscape treatment of all major structures, including bridges and retaining walls; (iv) architectural and landscape treatment of noise barriers; (v) landscape treatment and planting of permanent stormwater control wetlands and swales; (vi) integration of passenger transport; (vii) pedestrian and cycle facilities including paths, road crossings and dedicated pedestrian/ cycle bridges or underpasses; (viii) historic heritage places with reference to the HHMP (Condition 27); and (ix) re-instatement of construction and site compound areas; and (x) features disturbed during construction and intended to be reinstated such as: A. boundary features; B. driveways; C. accessways; and D. fences. (d) the ULDMP shall also include the following planting and maintenance details: (i) planting design details including: A. identification of existing trees and vegetation that will be retained with reference to the EMP (Condition 29). Where practicable, mature trees and native vegetation should be retained; B. street trees, shrubs and ground cover suitable for the location; C. treatment of fill slopes to integrate with adjacent land use, streams, riparian margins and open space zones; D. identification of any planting requirements under the EMP (Condition 29); E. integration of any planting required by conditions of any resource consents for the project; and F. re-instatement planting of construction and site compound areas as appropriate. (ii) a planting programme including the staging of planting in relation to the construction programme which shall, as far as practicable, include provision for planting within each planting season following completion of each Stage of Work; and (iii) detailed specifications relating to the following: A. weed control and clearance; B. pest animal management (to support plant establishment); C. ground preparation (top soiling and decompaction); D. mulching; and E. plant sourcing and planting, including hydroseeding and grassing, and use of eco-sourced species.
Construction conditions	

19.	Construction Environmental Management Plan (CEMP) (a) A CEMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the CEMP is to set out the management procedures and construction methods to be undertaken to avoid, remedy or mitigate any adverse effects associated with Construction Works as far as practicable. (b) To achieve the objective, the CEMP shall include: (i) the roles and responsibilities of staff and contractors; (ii) details of the site or project manager and the Project Liaison Person, including their contact details (phone and email address); (iii) the Construction Works programmes and the staging approach, and the proposed hours of work; (iv) details of the proposed construction yards including temporary screening when adjacent to residential areas; (v) details of the proposed construction lighting; (vi) methods for controlling dust and the removal of debris and demolition of construction materials from public roads or places; (vii) methods for providing for the health and safety of the general public; (viii) measures to mitigate flood hazard effects such as siting stockpiles out of floodplains, minimising obstruction to flood flows, actions to respond to warnings of heavy rain; (ix) procedures for incident management; (x) location and procedures for the refuelling and maintenance of plant and equipment to avoid discharges of fuels or lubricants to watercourses; (xi) 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; (xii) procedures for responding to complaints about Construction Works; and (xiii) methods for amending and updating the CEMP as required.
20.	Complaints Process (a) At all times during Construction Works, a record of any complaints received about the Construction Works shall be maintained. The record shall include: (i) the date, time and nature of the complaint; (ii) the name, phone number and address of the complainant (unless the complainant wishes to remain anonymous); (iii) measures taken to respond to the complaint (including a record of the response provided to the complainant) or confirmation of no action if deemed appropriate; (iv) the outcome of the investigation into the complaint; and (v) any other activities in the area, unrelated to the project that may have contributed to the complaint, such as non-project construction, fires, traffic accidents or unusually dusty conditions generally. (b) A copy of the complaints record required by this condition shall be made available to the Manager upon request as soon as practicable after the request is made.

21.	Cultural Monitoring Plan (CMP) (a) Prior to the Start of Construction, a CMP shall be prepared by a Suitably Qualified Person(s) identified in collaboration with Mana Whenua. The objective of the CMP is to identify methods for undertaking cultural monitoring to assist with management of any cultural effects during Construction Works. (b) To achieve the objective, the CMP shall include: (i) requirements for formal dedication or cultural interpretation to be undertaken prior to the Start of Construction in areas identified as having significance to Mana Whenua; (ii) requirements and protocols for cultural inductions for contractors and subcontractors; (iii) identification of activities, sites and areas where cultural monitoring is required during particular Construction Works; (iv) identification of personnel to undertake cultural monitoring, including any geographic definition of their responsibilities; and (v) details of personnel to assist with management of any cultural effects identified during cultural monitoring, including implementation of the Accidental Discovery Protocol (c) If Enabling Works involving soil disturbance are undertaken prior to the Start of Construction, an Enabling Works CMP shall be prepared by a Suitably Qualified Person identified in collaboration with Mana Whenua. This plan may be prepared as a standalone Enabling Works CMP or be included in the main Construction Works CMP. Advice note: Where appropriate, the CMP shall align with the requirements of other conditions of the designation and resource consents for the project which require monitoring during Construction Works.

22.	Construction Traffic Management Plan (CTMP) (a) A CTMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the CTMP is to avoid, remedy or mitigate, as far as practicable, adverse construction traffic effects. (b) To achieve this objective, the CTMP shall include: (i) methods to manage the effects of temporary traffic management activities on traffic; (ii) measures to ensure the safety of all transport users; (iii) the estimated numbers, frequencies, routes and timing of traffic movements, including any specific non-working or non-movement hours to manage vehicular and pedestrian traffic near Education Facilities or to manage traffic congestion; (iv) site access routes and access points for heavy vehicles, the size and location of parking areas for plant, construction vehicles and the vehicles of workers and visitors; (v) identification of detour routes and other methods to ensure the safe management and maintenance of traffic flows, including public transport, pedestrians and cyclists; (vi) methods to maintain access to and within property and/or private roads where practicable, or to provide alternative arrangements when it will not be, including details of how access is managed for loading and unloading of goods; (vii) the management approach to loads on heavy vehicles, including covering loads of fine material, the use of wheel-wash facilities at site exit points and the timely removal of any material deposited or spilled on public roads; (viii) methods that will be undertaken to communicate traffic management measures to affected road users (e.g. residents / public / Stakeholders / emergency services); (ix) details of minimum network performance parameters during the construction phase, including any measures to monitor compliance with the performance parameters; and (x) details of any measures proposed to be implemented in the event of thresholds identified in (ix) being exceeded. (c) Auditing, monitoring and reporting requirements relating to traffic management activities shall be undertaken in accordance with the New Zealand Guide to Temporary Traffic Management (April 2023) or any subsequent version.

23.

Construction Noise Standards

(a) Construction noise shall be measured and assessed in accordance with NZS6803:1999 Acoustics – Construction Noise and shall comply with the noise standards set out in the following table as far as practicable:

Table 23-1 Construction Noise Standards

Day of week	Time period	L _{Aeq} (15min)	L _{AFmax}
Occupied activity sensitive to noise			
Weekday	0630h - 0730h	55 dB	75 dB
	0730h - 1800h	70 dB	85 dB
	1800h - 2000h	65 dB	80 dB
	2000h - 0630h	45 dB	75 dB
Saturday	0630h - 0730h	45 dB	75 dB
	0730h - 1800h	70 dB	85 dB
	1800h - 2000h	45 dB	75 dB
	2000h - 0630h	45 dB	75 dB
Sunday and Public Holidays	0630h - 0730h	45 dB	75 dB
	0730h - 1800h	55 dB	85 dB
	1800h - 2000h	45 dB	75 dB
	2000h - 0630h	45 dB	75 dB
Other occupied buildings			
All	0730h – 1800h	70 dB	
	1800h – 0730h	75 dB	

(b) Where compliance with the noise standards set out in Table 23-1 is not practicable, the methodology in Condition 26 shall apply.

24.

Construction Vibration Standards

(a) Construction vibration shall be measured in accordance with ISO 4866:2010 Mechanical vibration and shock – Vibration of fixed structures – Guidelines for the measurement of vibrations and evaluation of their effects on structures and shall comply with the vibration standards set out in the following table as far as practicable.

Table 24-1 Construction Vibration Standards

Receiver	Details	Category A*	Category B**
Occupied activities sensitive to noise	Night-time 2000h - 0630h	0.3mm/s ppv	2mm/s ppv
	Daytime 0630h - 2000h	2mm/s ppv	5mm/s ppv
Other occupied buildings	Daytime 0630h - 2000h	2mm/s ppv	5mm/s ppv
All other buildings	At all other times	Tables 1 and 3 of DIN4150-3:1999	

* Category A criteria adopted from Rule E25.6.30.1 of the AUP

** Category B criteria based on DIN 4150-3:1999 building damage criteria for daytime

(b) Where compliance with the vibration standards set out in Table 24-1 is not practicable, the methodology in Condition 26 shall apply.

25.	Construction Noise and Vibration Management Plan (CNVMP) (a) A CNVMP shall be prepared prior to the Start of Construction for Stage of Work. A CNVMP shall be implemented during the Stage of Work to which it relates. The objective of the CNVMP is to provide a framework for the development and implementation of the Best Practicable Option for the management of construction noise and vibration effects to achieve the construction noise and vibration standards set out in Conditions 23 and 24 to the extent practicable. (b) To achieve the objective, the CNVMP shall be prepared in accordance with Annex E2 of the New Zealand Standard NZS6803:1999 'Acoustics – Construction Noise' (NZS6803:1999) and shall as a minimum, address the following: (i) description of the works and anticipated equipment/processes; (ii) hours of operation, including times and days when construction activities would occur; (iii) the construction noise and vibration standards for the project; (iv) identification of receivers where noise and vibration standards apply; (v) a hierarchy of management and mitigation options, including any requirements to limit night works and works during other sensitive times, including Sundays and public holidays as far as practicable; (vi) methods and frequency for monitoring and reporting on construction noise and vibration; (vii) procedures for communication and engagement with nearby residents and Stakeholders, including notification of proposed construction activities, the period of construction activities, and management of noise and vibration complaints; (viii) contact details of the Project Liaison Person; (ix) procedures for the regular training of the operators of construction equipment to minimise noise and vibration as well as expected construction site behaviours for all workers; (x) procedures and requirements for the preparation of a Schedule to the CNVMP (Schedule) for those areas where compliance with the noise Condition 23 and/or vibration standards Condition 24 Category B will not be practicable; (xi) identification of trigger levels for undertaking building condition surveys, which shall be Category B day time levels; (xii) procedures and trigger levels for undertaking building condition surveys before and after works to determine whether any cosmetic or structural damage has occurred as a result of construction vibration; (xiii) methodology and programme of desktop and field audits and inspections to be undertaken to ensure that the CNVMP, Schedules and the Best Practicable Option for management of effects are being implemented; and (xiv) requirements for review and update of the CNVMP.

26.	Schedule to a CNVMP (a) A Schedule to the CNVMP (Schedule) shall be prepared prior to the Start of Construction of an activity to which it relates by a Suitably Qualified Person, in consultation with the owners and occupiers of sites subject to the Schedule, when: (i) construction noise is either predicted or measured to exceed the noise standards in Condition 23, except where the exceedance of the L_{Aeq} criteria is no greater than 5 decibels and does not exceed: A. 0630 – 2000: 2 periods of up to 2 consecutive weeks in any 2 months; or B. 2000 - 0630: 1 period of up to 2 consecutive nights in any 10 days; (ii) construction vibration is either predicted or measured to exceed the Category B standard at the receivers in Condition 24. (b) The objective of the Schedule is to set out the Best Practicable Option measures to manage noise and/or vibration effects of the construction activity beyond those measures set out in the CNVMP. (c) To achieve the objective, the Schedule shall include details such as: (i) construction activity location, start and finish dates; (ii) the nearest neighbours to the construction activity; (iii) the predicted noise and/or vibration level for all receivers where the levels are predicted or measured to exceed the applicable standards and predicted duration of the exceedance; (iv) for works proposed between 2000h and 0630h, the reasons why the proposed works must be undertaken during these hours and why they cannot be practicably undertaken during the daytime; (v) the proposed mitigation options that have been selected, and the options that have been discounted as being impracticable and the reasons why; (vi) the consultation undertaken with owners and occupiers of sites subject to the Schedule, and how consultation has and has not been taken into account; and (vii) location, times and types of monitoring. (d) The Schedule shall be submitted to the Manager for Certification at least five working days (except in unforeseen circumstances) in advance of Construction Works that are covered by the scope of the Schedule and shall form part of the CNVMP. (e) The CNVMP Schedule shall be deemed certified five working days from the submission of the CNVMP Schedule where no written confirmation of Certification has been received. (f) Where material changes are made to a Schedule required by this condition, the Requiring Authority shall consult the owners and/or occupiers of sites subject to the Schedule prior to submitting the amended Schedule to the Manager for Certification in accordance with (d) above. The amended Schedule shall document the consultation undertaken with those owners and occupiers, and how consultation outcomes have and have not been taken into account.

27.	Historic Heritage Management Plan (HHMP) (a) A HHMP shall be prepared in consultation with Council, HNZPT and Mana Whenua prior to the Start of Construction for a Stage of Work. The objective of the HHMP is to protect historic heritage and to remedy and mitigate any residual effects as far as practicable. (b) To achieve the objective, the HHMP shall identify: (i) any adverse direct and indirect effects on historic heritage sites and measures to appropriately avoid, remedy or mitigate any such effects, including a tabulated summary of these effects and measures; (ii) methods for the identification and assessment of potential historic heritage places within the designation to inform detailed design; (iii) known historic heritage places and potential archaeological sites within the designation, including identifying any archaeological sites for which an Archaeological Authority under the HNZPTA will be sought or has been granted; (iv) any unrecorded archaeological sites or post-1900 heritage sites within the designation, which shall also be documented and recorded; (v) roles, responsibilities and contact details of project personnel, Council and HNZPT representatives, Mana Whenua representatives, and relevant agencies involved with heritage and archaeological matters including surveys, monitoring of Construction Works, compliance with AUP accidental discovery rule, and monitoring of conditions; (vi) specific areas to be investigated, monitored and recorded to the extent these are directly affected by the project; (vii) the proposed methodology for investigating and recording post-1900 historic heritage sites (including buildings) that need to be destroyed, demolished or relocated, including details of their condition, measures to mitigate any adverse effects and timeframe for implementing the proposed methodology, in accordance with the HNZPT Archaeological Guidelines Series No.1: Investigation and Recording of Buildings and Standing Structures (November 2018), or any subsequent version; (viii) methods to acknowledge cultural values identified through Condition 15 where archaeological sites also involve ngā taonga tuku iho (treasures handed down by our ancestors) and where feasible and practicable to do so; (ix) methods for avoiding, remedying or mitigating adverse effects on historic heritage places and sites within the designation during Construction Works as far as practicable. These methods shall include, but are not limited to: A. security fencing or hoardings around historic heritage places to protect them from damage during construction or unauthorised access; B. measures to mitigate adverse effects on historic heritage sites that achieve positive historic heritage outcomes such as increased public awareness and interpretation signage; and C. training requirements and inductions for contractors and subcontractors on historic heritage places within the designation, legal obligations relating to unexpected discoveries and the AUP Accidental Discovery Rule (E11.6.1). The training shall be undertaken prior to the Start of Construction, under the guidance of a Suitably Qualified Person and Mana Whenua representatives (to the extent the training relates to cultural values identified under Condition 15). Advice note: Accidental Discoveries The requirements for accidental discoveries of heritage items are set out in Rule E11.6.1 of the AUP.

28.	Pre-Construction Ecological Survey (a) At the start of detailed design for a Stage of Work, an updated ecological survey shall be undertaken in the relevant geographic area by a Suitably Qualified Person. The purpose of the survey is to inform ecological management by: (i) confirming whether the species of value within the Identified Biodiversity Areas recorded in the Identified Biodiversity Area Schedule 3 are still present; and (ii) confirming whether the project will or is likely to have a moderate or greater level of ecological effect on species of value (prior to implementation of impact management measures). The level of effect shall be determined in accordance with Table 10 of the EIANZ Guidelines (or subsequent updated version of that table) as included in Schedule 4 of these conditions. (b) If the ecological survey confirms the presence of ecological species of value in accordance with Condition 28(a)(i) and that effects are likely in accordance with Condition 28(a)(ii) then an Ecological Management Plan (or Plans) shall be prepared in accordance with Condition 29 for these areas (Confirmed Biodiversity Areas).

29.	Ecological Management Plan (EMP) (a) An EMP shall be prepared for any Confirmed Biodiversity Areas (confirmed through Condition 28) prior to the Start of Construction for a Stage of Work. The objective of the EMP is to minimise effects of the project on the ecological features of value in Confirmed Biodiversity Areas as far as practicable. (b) If an EMP is required in accordance with (a) for the presence of long tail bats, the EMP may include the following to achieve the objective: (i) measures to minimise as far as practicable, disturbance from construction activities within 50m of any active long tail bat roosts that are discovered through survey until such roosts are confirmed to be vacant of bats; (ii) timing of any Construction Works within 50m of any active maternity long tail bat roosts. Those Construction Works shall be undertaken outside the bat maternity period (between December and March) where reasonably practicable; (iii) details of areas where vegetation is to be retained and where additional planting is proposed to be provided and maintained for the purposes of the connectivity of long tail bat habitats; and (iv) details of measures to minimise any operational disturbance from light spill. (c) If an EMP is required in accordance with (a) for the presence of Threatened or At-Risk birds (excluding wetland birds), the EMP may include the following to achieve the objective: (i) timing of any Construction Works which may have adverse effects on Threatened or At-Risk birds (excluding wetland birds). Those Construction Works shall be undertaken outside the bird breeding season (September to February) where practicable; and (ii) where works are required within the area identified in the Confirmed Biodiversity Area during the bird breeding season, methods to minimise adverse effects on Threatened or At-Risk birds. (d) If an EMP is required in accordance with (a) for the presence of Threatened or At-Risk wetland birds, the EMP may include the following to achieve the objective: (i) details of any nesting bird surveys of Threatened or At-Risk wetland birds. Nesting bird surveys shall be undertaken within any wetland that is both within a Confirmed Biodiversity Area and located within a 50m radius of Construction Works. Surveys shall be undertaken prior to any such works taking place and repeated at the beginning of each wetland bird breeding season until the Completion of Construction; (ii) timing of any Construction Works which may have adverse effects on Threatened or At-Risk wetland birds. Those Construction Works shall be undertaken outside of the bird breeding season (September to February) where practicable; (iii) where works are required within the Confirmed Biodiversity Area during the bird breeding season, methods to minimise adverse effects on Threatened or At-Risk wetland birds; and (iv) details of what protection and buffer measures are proposed to manage effects on nesting Threatened or At-Risk wetland birds identified through a survey undertaken in accordance with Condition (d)(i). Proposed measures shall address: A. the type, intensity and duration of construction activity; B. the likely sensitivity of the nesting bird species to the construction activity; and C. any environmental features (e.g., vegetation and contour) that could influence the extent of potential adverse effects on the Threatened or At-Risk wetland birds; and (v) details of measures to minimise any operational disturbance from light spill. (e) The EMP shall be consistent with any ecological management measures to be undertaken in compliance with conditions of any regional resource consents granted for the project. Advice note:

	Depending on the potential effects of the project, the regional consents for the project may include the following monitoring and management plans: (i) stream and/or wetland restoration plans; (ii) vegetation restoration plans; and (iii) fauna management plans (e.g. avifauna).
30.	Network Utility Management Plan (NUMP) (a) A NUMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the NUMP is to set out a framework for protecting, relocating and working in proximity to existing network utilities. (b) To achieve the objective, the NUMP shall include methods to: (i) provide access for maintenance at all reasonable times, or emergency works at all times during construction activities; (ii) protect and where necessary, relocate existing network utilities; (iii) manage the effects of dust and any other material potentially resulting from construction activities and able to cause material damage, beyond normal wear and tear to overhead transmission lines in the project area; (iv) demonstrate compliance with relevant standards and Codes of Practice including, where relevant, the NZECP 34:2001 New Zealand Electrical Code of Practice for Electrical Safe Distances 2001; AS/NZS 4853:2012 Electrical hazards on Metallic Pipelines, and AS/NZS 2885 Pipelines – Gas and Liquid Petroleum. (c) The NUMP shall be prepared in consultation with the relevant Network Utility Operator(s) who have existing assets that are directly affected by the project. (d) The development of the NUMP shall consider opportunities to coordinate future work programmes with other Network Utility Operator(s) during detailed design where practicable. (e) The NUMP shall describe how any comments from the Network Utility Operator in relation to its assets have been addressed. (f) Any comments received from the Network Utility Operator shall be considered when finalising the NUMP. (g) Any amendments to the NUMP related to the assets of a Network Utility Operator shall be prepared in consultation with that asset owner.
31.	Network Integration Management Plan (NIMP) (a) At least six months prior to the start of detailed design for a Stage of Work, the Requiring Authority shall prepare, in collaboration with other relevant road controlling authorities, a NIMP. (b) The objective of the NIMP is to identify how the project will integrate with the planned transport network in the North Growth Area to achieve an effective, efficient and safe land transport system. To achieve this objective, the NIMP shall include details of the: (i) project implementation approach and any staging of the project, including both design, management and operational matters; and (ii) sequencing of the project with the planned transport network, including both design, management and operational matters.
Operational conditions	

32.	Low Noise Road Surface (a) Asphaltic concrete surfacing (or equivalent low noise road surface) shall be implemented within 12 months of Completion of Construction of the project. (b) The asphaltic concrete surface shall be maintained as far as practicable to retain the noise reduction performance of the surface established in accordance with (a), unless Condition 33 applies.
33.	Future Resurfacing Work (a) Any future resurfacing works of the project shall be undertaken in accordance with the Auckland Transport Reseal Guidelines, Asset Management and Systems 2013 or any updated version and asphaltic concrete surfacing (or equivalent low noise road surface) shall be implemented where: (i) the volume of traffic exceeds 10,000 vehicles per day; (ii) the road is subject to high wear and tear (such as cul de sac heads, roundabouts and main road intersections); (iii) it is in an industrial or commercial area where there is a high concentration of truck traffic; or (iv) it is subject to high usage by pedestrians, such as town centres, hospitals, shopping centres and schools. (b) Prior to commencing any future resurfacing works, the Requiring Authority shall advise the Manager if any of the triggers in Condition 33(a)(i) – (iv) are not met by the road or a section of it and therefore where the application of asphaltic concrete surfacing (or equivalent low noise road surface) is no longer required on the road or a section of it. Such advice shall also indicate when any resealing is to occur.
	Traffic Noise For the purposes of Conditions 34 to 39: (a) Building-Modification Mitigation – has the same meaning as in NZS 6806; (b) Design year has the same meaning as in NZS 6806; (c) Detailed Mitigation Options – means the fully detailed design of the Selected Mitigation Options, with all practical issues addressed; (d) Habitable Space – has the same meaning as in NZS 6806; (e) Identified Noise Criteria Category – means the Noise Criteria Category for a PPF identified in Schedule 5: Identified PPFs Noise Criteria Categories; (f) Mitigation – has the same meaning as in NZS 6806:2010 Acoustics – Road-traffic noise – New and altered roads; (g) Noise Criteria Categories – means the groups of preference for sound levels established in accordance with NZS 6806 when determining the Best Practicable Option for noise mitigation (i.e. Categories A, B and C); (h) NZS 6806 – means New Zealand Standard NZS 6806:2010 Acoustics – Road-traffic noise – New and altered roads; (i) Protected Premises and Facilities (PPFs) – means only the premises and facilities identified in Schedule 5: Identified PPFs Noise Criteria Categories; (j) Selected Mitigation Options – means the preferred mitigation option resulting from a Best Practicable Option assessment undertaken in accordance with NZS 6806 taking into account any low noise road surface to be implemented in accordance with Condition 32; and (k) Structural Mitigation – has the same meaning as in NZS 6806.
34.	The Noise Criteria Categories identified in Schedule 5: Identified PPFs Noise Criteria Categories at each of the PPFs shall be achieved where practicable and subject to Conditions 34 to 39 (all traffic noise conditions). The Noise Criteria Categories do not need to be complied with at a PPF where: (a) the PPF no longer exists; or (b) agreement of the landowner has been obtained confirming that the Noise Criteria Category does not need to be met. Achievement of the Noise Criteria Categories for PPFs shall be by reference to a traffic forecast for a high growth scenario in a design year at least 10 years after the programmed opening of the project.

35.	As part of the detailed design of the project, a Suitably Qualified Person shall determine the Selected Mitigation Options for the PPFs identified on Schedule 5: Identified PPFs Noise Criteria Categories. For the avoidance of doubt, the low noise road surface implemented in accordance with Condition 32 may be (or be part of) the Selected Mitigation Option(s).
36.	Prior to the Start of Construction of the project, a Suitably Qualified Person shall develop the Detailed Mitigation Options for the PPFs identified in Schedule 5: Identified PPFs Noise Criteria Categories, taking into account the Selected Mitigation Options.
37.	If the Detailed Mitigation Options would result in the Identified Noise Criteria Category changing to a less stringent Category, e.g. from Category A to B or Category B to C, at any relevant PPF, a Suitably Qualified Person shall provide confirmation to the Manager that the Detailed Mitigation Option would be consistent with adopting the Best Practicable Option in accordance with NZS 6806 prior to implementation.
38.	The Detailed Mitigation Options shall be implemented prior to Completion of Construction of the project, with the exception of any low-noise road surfaces, which shall be implemented within 12 months of Completion of Construction.
39.	Any barriers required by the Detailed Mitigation Options shall be maintained so they retain their noise reduction performance as far as practicable.

Attachments

Schedule 1: General Accordance Plans and Information

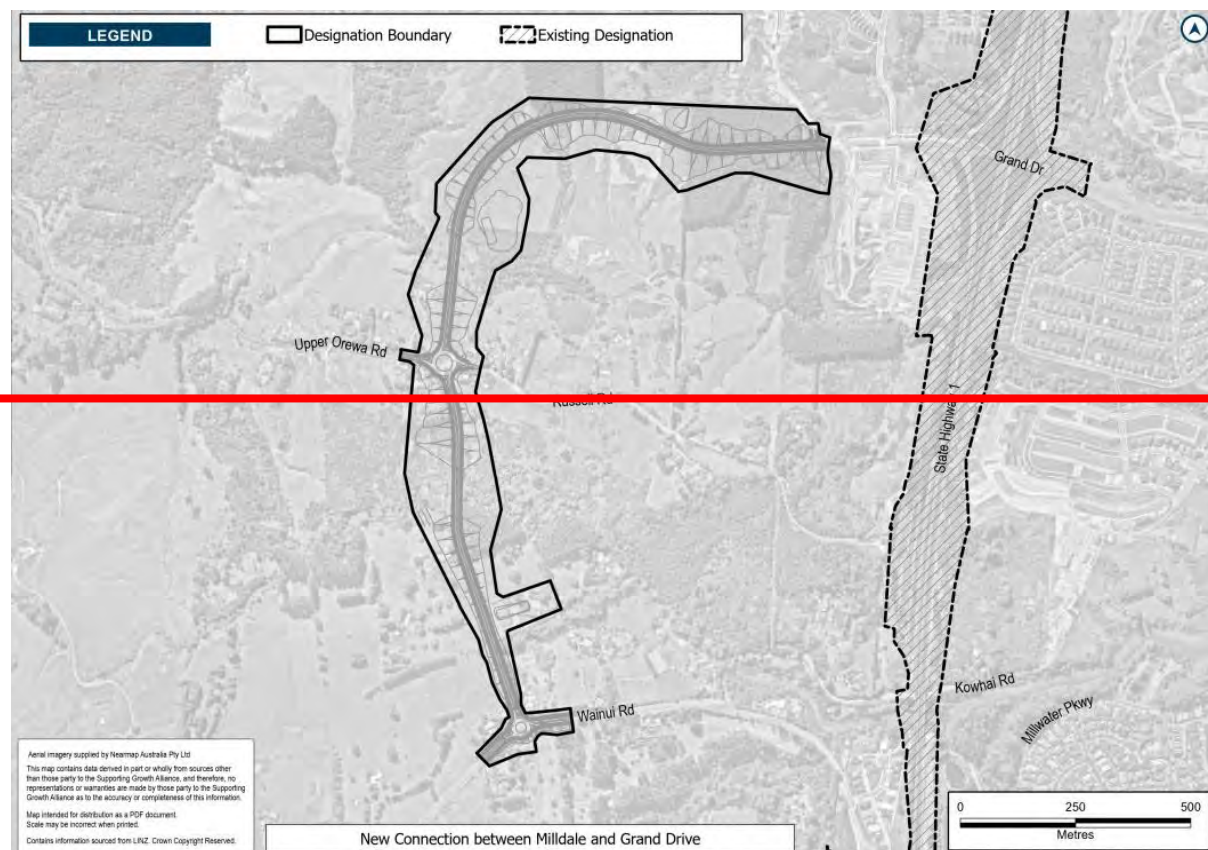
Project Description

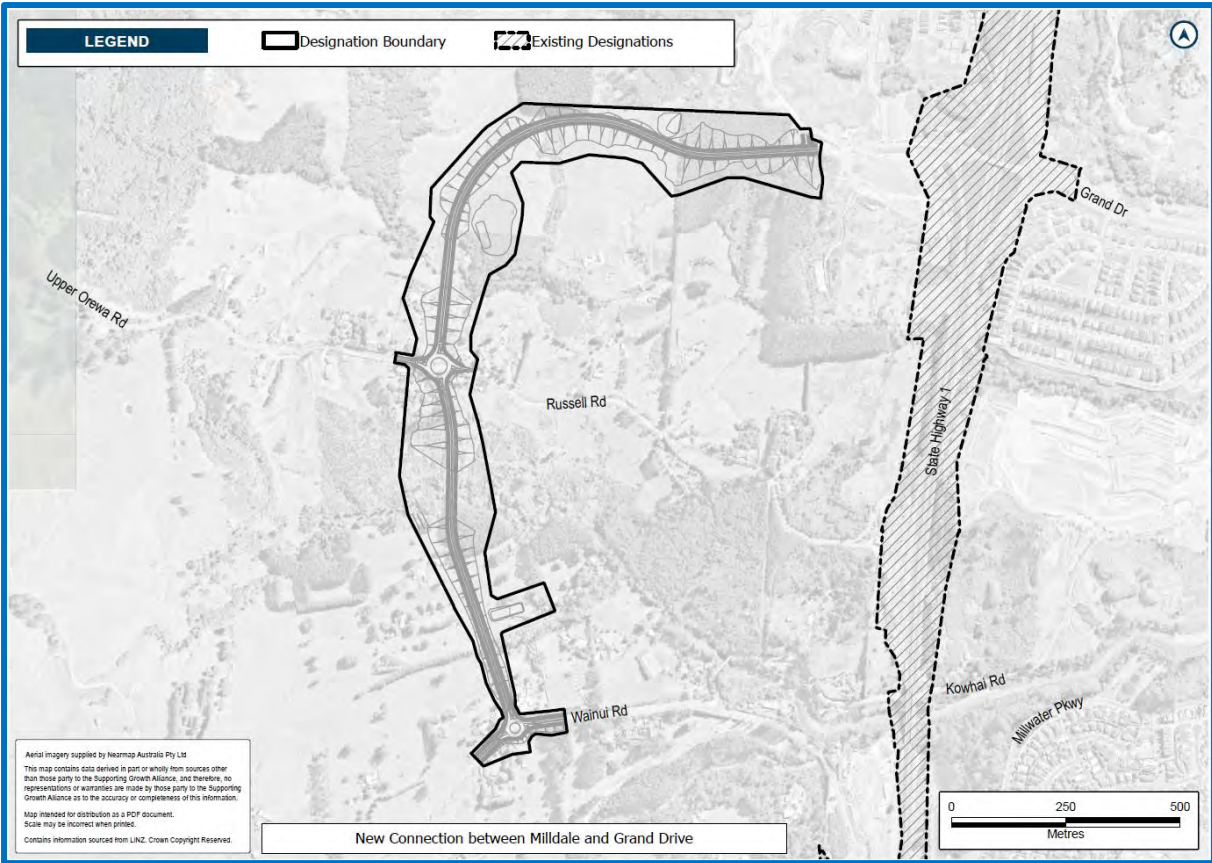
The proposed work is the construction, operation and maintenance of an urban arterial corridor between Wainui Road in Milldale and Grand Drive in Upper Ōrewa, including active transport facilities and associated infrastructure.

The proposed work is shown in the following Concept Plan and includes:

- Construction of an urban arterial corridor with walking and cycling facilities.
- Tie-ins with existing roads and localised widening around the existing intersections to accommodate new intersection forms.
- New or upgraded stormwater management systems, bridges and culverts (where applicable).
- Batter slopes, and associated cut and fill activities (earthworks).
- Vegetation removal.
- Other construction related activities required outside the permanent corridor including the re-grade of driveways, construction traffic manoeuvring and construction laydown areas.

Concept Plan

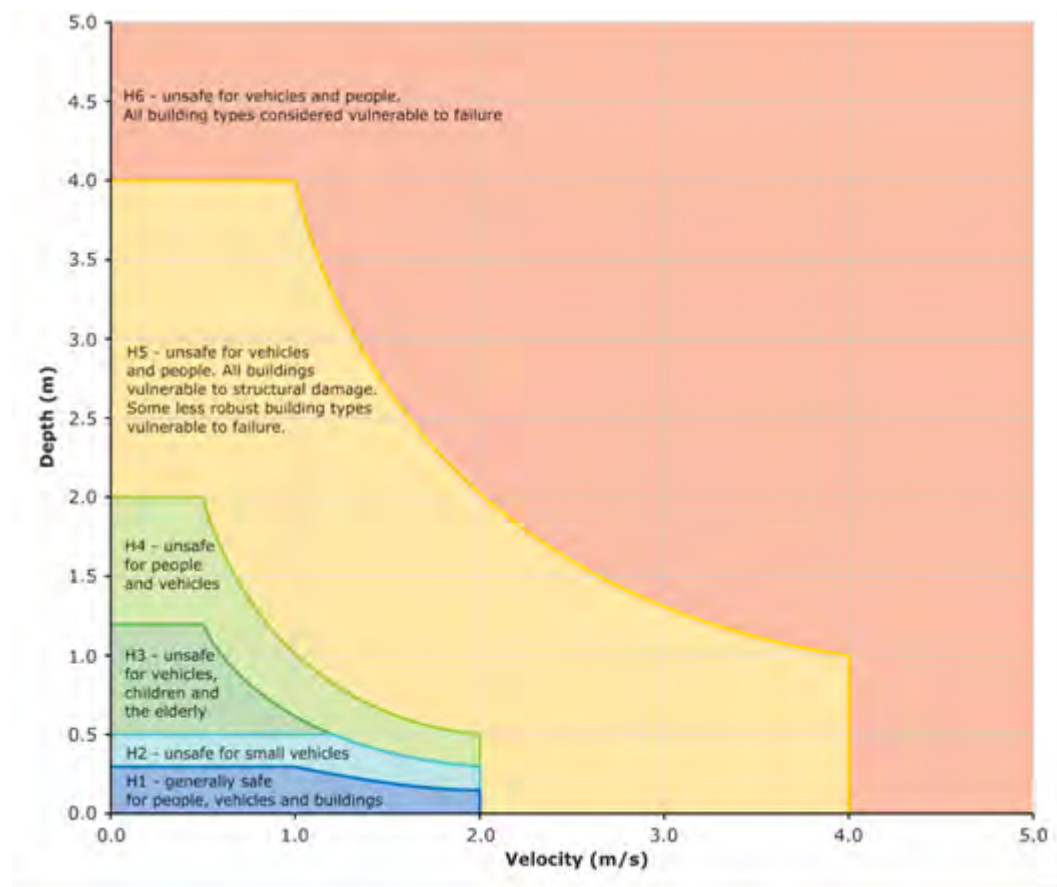




Schedule 2 – Flood Hazard Class

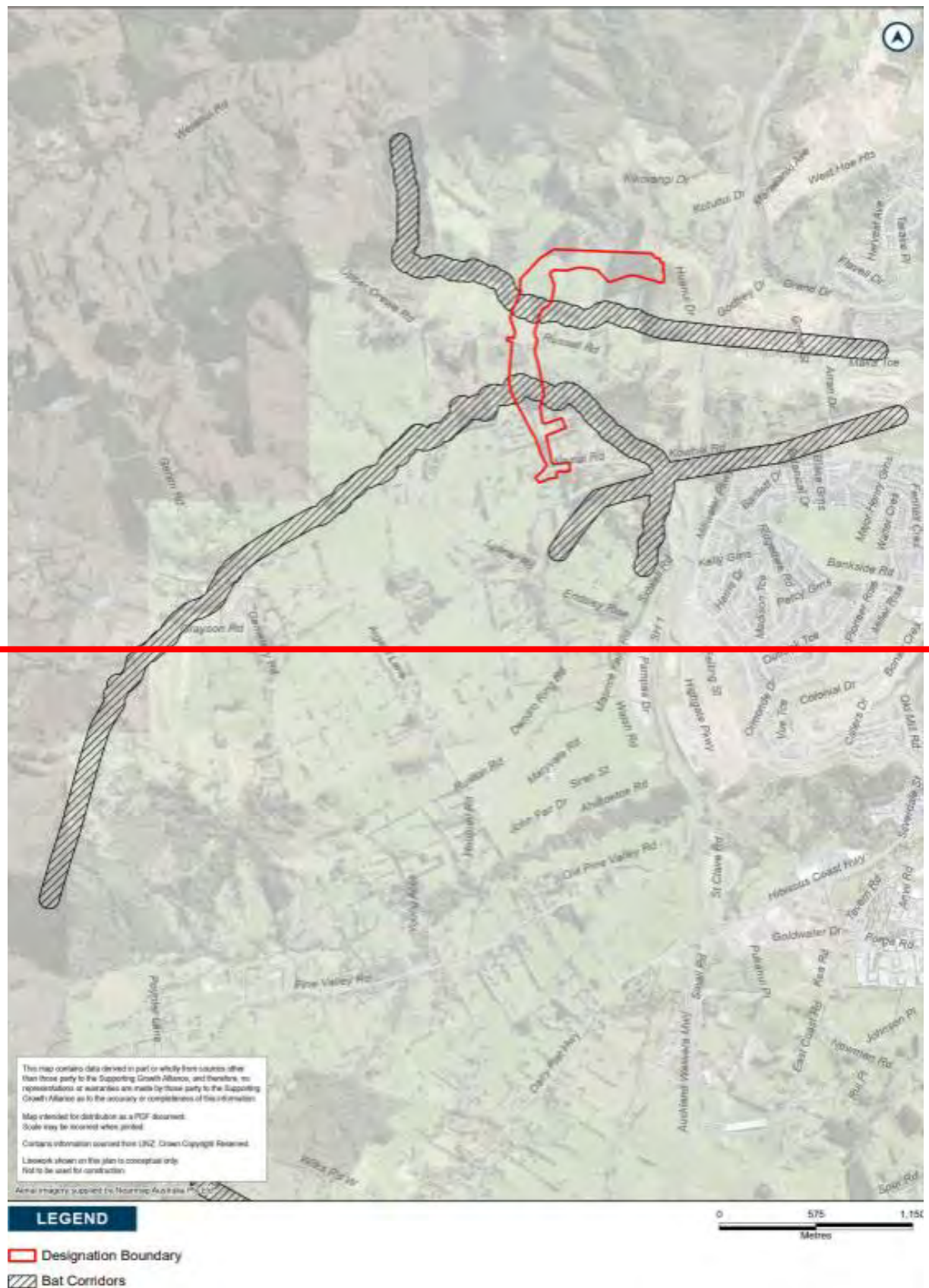
The combined flood hazard curves shown below set hazard thresholds that relate to the vulnerability of the community when interacting with floodwaters. The combined curves are divided into hazard classifications that relate to specific vulnerability thresholds

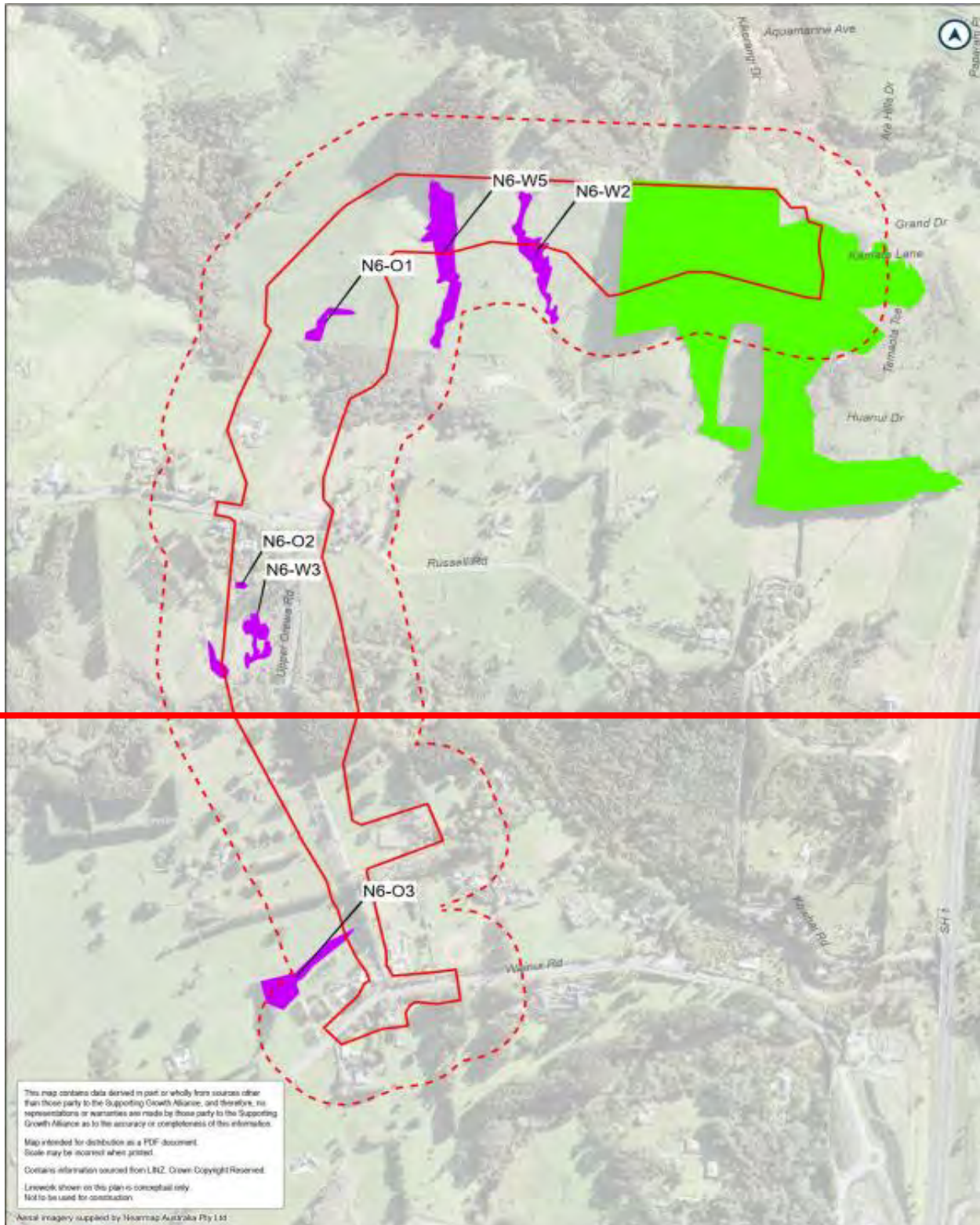
The vulnerability thresholds identified in the flood hazard curves can be applied to the best description of flood behaviour available for a subject site. In this regard, the hazard curves can be applied equally to flood behaviour estimates from measured data, simpler 1D numerical modelling approaches, through to complex 2D model estimates with the level of accuracy and uncertainty of the flood hazard estimate linked to the method used to derive the flood behaviour estimate.



Source: Australian Rainfall and Runoff, Book 6, 2019

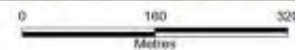
Schedule 3: Identified Biodiversity Areas

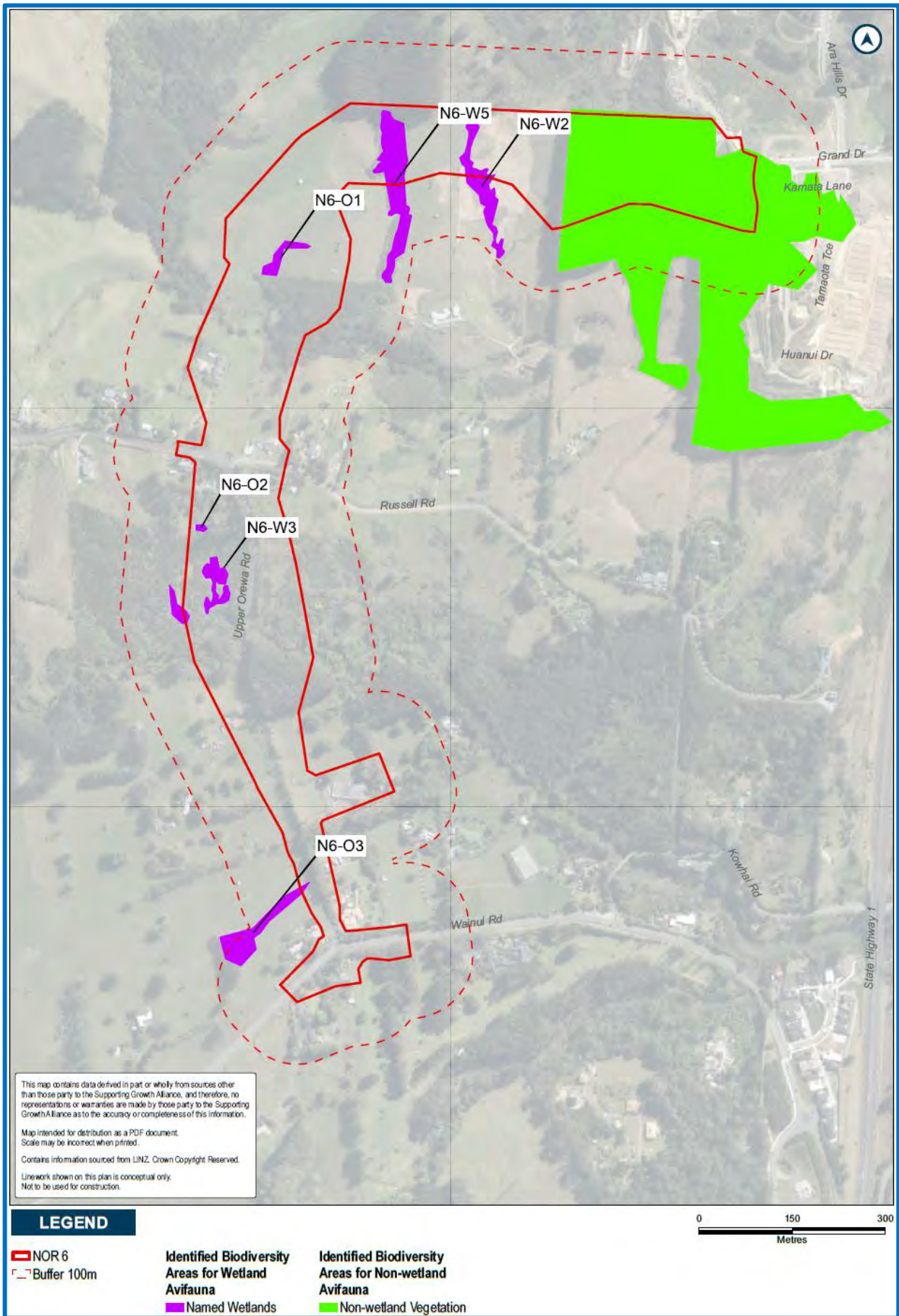




LEGEND

- Designation Boundary
- - - Buffer 100m
- Identified Biodiversity Areas for Wetland Avifauna**
 - Named Wetlands
- Identified Biodiversity Areas for Non-wetland Avifauna**
 - Non-wetland Vegetation





Schedule 4: Table 10 of the 2018 EIANZ Guidelines

Criteria for describing level of effects (Adapted from Regini (2000) and Boffa Miskell (2011))

Ecological Value → Magnitude ↓	Very high	High	Moderate	Low	Negligible
Very high	Very high	Very high	High	Moderate	Low
High	Very high	Very high	Moderate	Low	Very low
Moderate	High	High	Moderate	Low	Very low
Low	Moderate	Low	Low	Very low	Very low
Negligible	Low	Very low	Very low	Very low	Very low
Positive	Net gain	Net gain	Net gain	Net gain	Net gain

Schedule 5: Identified PPFs Noise Criteria Categories

Address	New or Altered Road	Noise Criteria Category
85 Upper Orewa Road	Altered road	A
406 Wainui Road	Altered road	A
411 Wainui Road	Altered road	A
11 Russell Road	Altered road	A
90 Upper Orewa Road	Altered road	A
24 Upper Orewa Road	Altered road	A
29 Upper Orewa Road	Altered road	A
100 Upper Orewa Road	Altered road	A
392 Wainui Road	Altered road	A
411 Wainui Road	Altered road	A
379 Wainui Road	Altered road	A
427 Wainui Road	Altered road	A

Appendix B - NoR 6 conditions (clean)

[XXXX] New Connection between Milldale and Grand Drive

Designation Number	[XXXX]
Requiring Authority	Auckland Transport
Location	Between Wainui Road in Milldale and Grand Drive in Upper Ōrewa
Lapse Date	In accordance with section 184(1)(c) of the RMA, this designation shall lapse if not given effect to within 30 years from the date on which it is included in the AUP.

Purpose

The construction, operation and maintenance of an arterial transport corridor and associated facilities.

Conditions

Abbreviations and definitions

Acronym/Term	Definition
Activity sensitive to noise	Any dwelling, visitor accommodation, boarding house, marae, papakāinga, integrated residential development, retirement village, supported residential care, care centre, lecture theatre in a tertiary Education Facility, classroom in an Education Facility and healthcare facility with an overnight stay facility
AUP	Auckland Unitary Plan
BPO or Best Practicable Option	Has the same meaning as in section 2 of the RMA 1991
CEMP	Construction Environmental Management Plan
Certification of material changes to management plans	Confirmation from the Manager that a material change to a management plan has been prepared in accordance with the condition to which it relates. A material change to a management plan shall be deemed certified: (a) where the Requiring Authority has received written confirmation from the Manager that the material change to the management plan is certified; or (b) 10 working days from the submission of the material change to the management plan where no written confirmation of certification has been received
CMP	Cultural Monitoring Plan
CNVMP	Construction Noise and Vibration Management Plan
CNVMP Schedule or Schedule	A schedule to the CNVMP
Completion of Construction	When construction of the project (or part of the project) is complete and it is available for use
Confirmed Biodiversity Areas	Areas recorded in the Identified Biodiversity Area Schedule where the ecological values and effects have been confirmed through the ecological survey under Condition 28
Construction Works	Activities undertaken to construct the project excluding Enabling Works
Council	Auckland Council
CTMP	Construction Traffic Management Plan
Developer	Any legal entity that intends to master plan or develop land adjacent to the designation
Development Agency	Public entities involved in development projects

Education Facility	Facility used for education to secondary level. Includes: - schools and outdoor education facilities; and - accommodation, administrative, cultural, religious, health, retail and communal facilities accessory to the above. Excludes: - care centres; and - tertiary education facilities.
EIANZ Guidelines	Ecological Impact Assessment: EIANZ Guidelines for use in New Zealand: terrestrial and freshwater ecosystems, second edition, dated May 2018
EMP	Ecological Management Plan
Enabling Works	Includes, but is not limited to, the following and similar activities: (a) geotechnical investigations (including trial embankments); (b) archaeological site investigations; (c) formation of access for geotechnical investigations; (d) establishment of site yards, site entrances and fencing; (e) constructing and sealing site access roads; (f) demolition or removal of buildings and structures; (g) relocation of services; and (h) establishment of mitigation measures (such as erosion and sediment control measures, temporary noise walls, earth bunds and planting)
HHMP	Historic Heritage Management Plan
HNZPT	Heritage New Zealand Pouhere Taonga
HNZPTA	Heritage New Zealand Pouhere Taonga Act 2014
Identified Biodiversity Area	Means an area or areas of features of ecological value where the project ecologist has identified that the project will potentially have a moderate or greater level of ecological effect, prior to implementation of impact management measures, as determined in accordance with the EIANZ Guidelines
Manager	The Manager – Resource Consents of the Auckland Council, or authorised delegate
Mana Whenua	Mana Whenua as referred to in the conditions are considered to be, but not limited to, the following (in no particular order), who at the time of Notice of Requirement expressed a desire to be involved in the project: (a) Ngāti Manuhiri (b) Te Kawerau ā Maki (c) Te Ākitai Waiohū (d) Ngāti Whanaunga (e) Te Runanga o Ngāti Whātua (f) Ngāti Maru (g) Te Patu Kirikiri (h) Ngāti Whātua o Kaipara (i) Ngāti Tamaterā (j) Ngai Tai ki Tāmaki (k) Ngāti Paoa Iwi Trust (l) Ngāti Paoa Trust Board Note: other iwi not identified above may have an interest in the project and should be consulted
Network Utility Operator	Has the same meaning as set out in section 166 of the RMA
NIMP	Network Integration Management Plan
NoR	Notice of Requirement

North Growth Area	Land for future urban development in the North of Auckland, including Future Urban zoned areas in Ara Hills, Ōrewa, Wainui East, Silverdale West, Redvale and Dairy Flat
NUMP	Network Utilities Management Plan
Outline Plan	An outline plan prepared in accordance with section 176A of the RMA
Overland Flow Path	Means a low point in terrain, excluding a permanent watercourse or intermittent river or stream, where surface runoff will flow, with an upstream contributing catchment exceeding 4,000m ²
Project Liaison Person	The person or persons appointed for the duration of the project's Construction Works to be the main point of contact for persons wanting information about the project or affected by the Construction Works
Protected Premises and Facilities (PPF)	Protected Premises and Facilities as defined in New Zealand Standard NZS 6806:2010: <i>Acoustics – Road-traffic noise – New and altered roads</i>
Requiring Authority	Has the same meaning as section 166 of the RMA and, for this designation is Auckland Transport
RMA	Resource Management Act 1991
SCEMP	Stakeholder Communication and Engagement Management Plan
Stakeholder	Stakeholders to be identified in accordance with Condition 4, which may include as appropriate: (a) adjacent owners and occupiers; (b) adjacent business owners and operators; (c) central and local government bodies; (d) community groups; (e) developers; (f) development agencies; (g) Education Facilities; and (h) Network Utility Operators.
Stage of Work	Any physical works that require the development of an Outline Plan
Start of Construction	The time when Construction Works (excluding Enabling Works) start
Suitably Qualified Person	A person (or persons) who can provide sufficient evidence to demonstrate their suitability, experience and competence in the relevant field of expertise.
ULDMP	Urban and Landscape Design Management Plan

General conditions	
1.	Activity in General Accordance with Plans and Information (a) Except as provided for in the conditions below, and subject to final design and Outline Plan(s), works within the designation shall be undertaken in general accordance with the project description and concept plan in Schedule 1. (b) Where there is inconsistency between: (i) the project description and concept plan in Schedule 1 and the requirements of the following conditions, the conditions shall prevail; (ii) the project description and concept plan in Schedule 1, and the management plans under the conditions of the designation, the requirements of the management plans shall prevail.
2.	Project Information (a) A project website, or equivalent virtual information source, shall be established as soon as reasonably practicable, and within six months of the inclusion of this designation in the AUP. This shall be updated as required so it remains current. (b) All directly affected owners and occupiers shall be notified in writing as soon as reasonably practicable once the website or equivalent information source has been established. The project website or virtual information source shall include these conditions and shall provide information on: (i) the status of the project; (ii) anticipated construction timeframes; (iii) contact details for enquiries; (iv) the implications of the designation for landowners, occupiers and business owners and operators within the designation and where they can receive additional advice; (v) a subscription service to enable receipt of project updates by email; (vi) the types of activities that can be undertaken by landowners without the need for written consent to be obtained under s176(1)(b) of the RMA; and (vii) when and how to apply for consent for works in the designation under section 176(1)(b) of the RMA. (c) At ten yearly intervals from the inclusion of this designation in the AUP until the start of detailed design, the Requiring Authority shall identify appropriate methods with the relevant Local Board(s) to: (i) inform the wider community of the project status; and (ii) raise awareness of the project website. (d) At the start of detailed design for a Stage of Work, the project website or virtual information source shall be updated to provide information on the likely date for Start of Construction, and any Staging of Works.

3.	Land use Integration Process (a) The Requiring Authority shall set up a Land use Integration Process for the period between confirmation of the designation and the Start of Construction. The purpose of this process is to encourage and facilitate the integration of master planning and land use development activity on land directly affected or adjacent to the designation. To achieve this purpose: (i) the Requiring Authority shall include the contact details of a nominated contact on the project website (or equivalent information source) required to be established by Condition 2(b)(iii); and (ii) the nominated contact shall be the main point of contact for a Developer or Development Agency wanting to work with the Requiring Authority to integrate their development plans or master planning with the designation. (b) At any time prior to the Start of Construction, the nominated contact will be available to engage with a Developer or Development Agency for the purpose of: (i) responding to requests made to the Requiring Authority for information regarding design details that could assist with land use integration; and (ii) receiving information from a Developer or Development Agency regarding master planning or land development details that could assist with land use integration. (c) Information requested or provided under Condition 3(b) above may include but not be limited to the following matters: (i) design details including but not limited to: A. boundary treatment (e.g. the use of retaining walls or batter slopes); B. the horizontal and vertical alignment of the road (levels); C. potential locations for mid-block crossings; D. integration of stormwater infrastructure; and E. traffic noise modelling contours. (ii) potential modifications to the extent of the designation in response to information received through Condition 3(b)(ii); (iii) a process for the Requiring Authority to undertake a technical review of or provide comments on any master planning or development proposal advanced by the Developer or Development Agency as it relates to integration with the project; and (iv) details of how to apply for written consent from the Requiring Authority for any development proposal that relates to land that is within the designation under section 176(1)(b) of the RMA. (d) Where information is requested from the Requiring Authority and is available, the nominated contact shall provide the information unless there are reasonable grounds for not providing it. (e) The nominated contact shall maintain a record of the engagement between the Requiring Authority and Developers and Development Agencies for the period following the date in which this designation is included in the AUP through to the Start of Construction for a Stage of Work. The record shall include: (i) details of any requests made to the Requiring Authority that could influence detailed design, the results of any engagement and, where such requests that could influence detailed design are declined, the reasons why the Requiring Authority has declined the requests; and (ii) details of any requests to co-ordinate the forward work programme, where appropriate, with Development Agencies and Network Utility Operators. (f) The record shall be submitted to Council for information 10 working days prior to the Start of Construction for a Stage of Work

4.	Stakeholder Communication and Engagement Design (a) At least six months prior to the start of detailed design for a Stage of Work, the Requiring Authority shall identify: (i) a list of Stakeholders; (ii) a list of properties within the designation which the Requiring Authority does not own or have occupation rights to; and (iii) methods to engage with Stakeholders and the owners and occupiers of properties identified in (a)(i) – (ii) above. (b) A record of (a) shall be submitted to the Manager for information with an Outline Plan for the relevant Stage of Work.
5.	Designation Review <u>Pre-construction review</u> If the land adjacent to the designation is re-zoned from Future Urban or any live urban zone to any rural zone (once made operative in the Auckland Unitary Plan), the Requiring Authority shall review the extent of the designation. In carrying out this review, the Requiring Authority shall: (i) Consider the implications of any zoning change and integration of land use with the transport network in the North Growth Area; (ii) Identify whether any areas of designated land are no longer required for the construction, operation, maintenance or mitigation of effects of the project; and (iii) Consider whether the boundaries of the designation require modification in accordance with section 182 of the RMA. <u>Post-construction review</u> As soon as reasonably practicable following Completion of Construction, the Requiring Authority shall: (i) review the extent of the designation to identify any areas of designated land that it no longer requires for the on-going operation, maintenance or mitigation of effects of the project; and (ii) give notice to the Manager in accordance with section 182 of the RMA for the removal of those parts of the designation identified above.
6.	Lapse In accordance with section 184(1)(c) of the RMA, this designation shall lapse if not given effect to within 30 years from the date on which it is included in the AUP.
7.	Network Utility Operators (Section 176 Approval) (a) Prior to the Start of Construction, Network Utility Operators with existing infrastructure located within the designation will not require written consent under section 176 of the RMA for the following activities: (i) operation, maintenance and repair works; (ii) minor renewal works to existing network utilities necessary for the on-going provision or security of supply of network utility operations; (iii) minor works such as new service connections; and (iv) the upgrade and replacement of existing network utilities in the same location with the same or similar effects on the works authorised by the designation as the existing utility. (b) To the extent that a record of written approval is required for the activities listed above, this condition shall constitute written approval.

8.	General Section 176 Approval (a) Prior to the start of the formal acquisition process under the Public Works Act 1981 for a property, or submission of the Outline Plan, persons on properties zoned Rural or Future Urban will not require written consent under section 176 of the RMA for the following activities: (i) Internal alterations; (ii) Repair of existing utility services; (iii) One extension to an existing structure as at 2023, up to 30m²; and (iv) Temporary or relocatable structures, provided they are removed from the site and the land is reinstated (including closing and capping any associated services) at the landowner's expense prior to the Start of Construction. The landowner shall be responsible for any resource consent required for the structures, their removal or relocation. (b) To the extent that a record of written approval is required for the activities listed above, this condition shall constitute written approval.
Pre-construction conditions	
9.	Outline Plan (a) An Outline Plan (or Plans) shall be prepared in accordance with section 176A of the RMA. (b) Outline Plans (or Plan) may be submitted in parts or in stages to address particular activities (e.g. design or construction aspects), or a Stage of Work of the project. (c) Outline Plans shall include any management plan or plans that are relevant to the management of effects of those activities or Stage of Work, which may include: (i) Construction Environmental Management Plan; (ii) Construction Traffic Management Plan; (iii) Construction Noise and Vibration Management Plan; (iv) Urban and Landscape Design Management Plan; (v) Historic Heritage Management Plan; (vi) Ecological Management Plan; (vii) Network Utilities Management Plan; and (viii) Network Integration Management Plan.
	Flood Hazard For the purpose of Condition 10: (a) AEP – means Annual Exceedance Probability; (b) Existing Authorised Habitable Floor – means the floor level of any room (floor) in a residential building which is authorised and exists at the time the Outline Plan is submitted, excluding a laundry, bathroom, toilet or any room used solely as an entrance hall, passageway or garage; (c) Flood Prone Area – means potential ponding areas that may flood in a 1% AEP event and commonly comprise of topographical depression areas. The areas can occur naturally or as a result of constructed features. Identification of a potential Flood Prone Area would be by an assessment of residual flood risk in a 1% AEP event (e.g. from blockage of the project stormwater network) on land outside and adjacent to the designation following the application of Conditions (10)(a)(i) – (iv). (d) Maximum Probable Development – is the design case for consideration of future flows allowing for development within a catchment that takes into account the maximum impervious surface limits of the current zone or if the land is zoned Future Urban in the AUP, the probable level of development arising from zone changes; (e) Pre-Project Development – means existing site condition prior to the project (including existing buildings and roadways); and (f) Post-Project Development – means site condition after the project has been completed (including existing and new buildings and roadways).

10.	Flood Hazard (a) The project shall be designed to achieve the following flood risk outcomes beyond the boundary of the designation: (i) no increase in flood levels in a 1% AEP event for Existing Authorised Habitable Floors that are already subject to flooding or have a freeboard less than 500mm; (ii) no increase in flood levels in a 1% AEP event for authorised community, commercial, industrial and network utility building floors existing at the time the Outline Plan is submitted that are already subject to flooding or have a freeboard less than 300mm; (iii) maximum of 50mm increase in flood levels in a 1% AEP event outside and adjacent to the designation boundary between the Pre-Project Development and Post-Project Development scenarios; (iv) no increase of Flood Hazard Class for the main access to authorised habitable dwellings existing at the time the Outline Plan is submitted. The assessment shall be undertaken for the 1% AEP rainfall event and reference the hazard class in accordance with Schedule 2 to these conditions; and (v) no new Flood Prone Areas. (b) Compliance with this condition shall be demonstrated in the Outline Plan, which shall include flood modelling of the Pre-Project Development and Post-Project Development 1% AEP flood levels (for Maximum Probable Development land use with allowances for climate change). (c) Where: (i) the flood risk outcomes in (a) can be achieved through alternative measures outside of the designation such as flood stop banks, flood walls, raising Existing Authorised Habitable Floor level and new overland flow paths; or (ii) the outcomes are varied at specific location(s) through agreement with the relevant landowner, confirmation shall be provided to the Manager that any necessary landowner agreement and statutory approvals have been obtained for that alternative measure or varied outcome.
11.	Overland Flow Paths Where the project modifies an Overland Flow Path by either: • diverting the entry or exit point at the designation boundary; or • piping, or reducing its capacity; the design shall provide for the continued passage of flow in a manner which manages potential effects upstream and downstream of the modified Overland Flow Path.
12.	Existing property access Prior to submission of the Outline Plan, consultation shall be undertaken with landowners and occupiers whose vehicle access to their property will be altered by the project. The Outline Plan shall demonstrate how safe reconfigured or alternate access will be provided, unless otherwise agreed with the affected landowner.

13.	Management Plans (a) Any management plan shall: (i) be prepared and implemented in accordance with the relevant management plan condition; (ii) be prepared by a Suitably Qualified Person(s); (iii) include sufficient detail relating to the management of effects associated with the relevant activities and/or Stage of Work to which it relates; (iv) be submitted as part of an Outline Plan pursuant to section 176A of the RMA, with the exception of SCEMPs and CNVMP Schedules; and (v) once finalised, uploaded to the project website or equivalent virtual information source. (b) Any management plan developed in accordance with Condition 13 may: (i) be submitted in parts or in stages to address particular activities (e.g. design or construction aspects), a Stage of Work of the project, or to address specific activities authorised by the designation; and (ii) except for material changes, be amended to reflect any changes in design, construction methods or management of effects without further process; (c) Information shall be submitted with the management plan (or revised plan as referred to in (d) below) which summarises outcomes of consultation and any input received from Mana Whenua and Stakeholders as required by the relevant management plan condition. The summary shall note how this input has been incorporated or reflected in the management plan, or if not, the reasons why; (d) If there is a material change required to a management plan which has been submitted with an Outline Plan, the revised part of the plan shall be submitted to the Manager as an update to the Outline Plan or for Certification as soon as practicable following identification of the need for a revision; and (e) Any material changes to the SCEMP(s) are to be submitted to the Manager for information.
14.	Stakeholder Communication and Engagement Management Plan (SCEMP) (a) A SCEMP shall be prepared in consultation with relevant Stakeholders prior to the Start of Construction. The objective of the SCEMP is to identify how the public and Stakeholders will be engaged with throughout Construction Works. (b) To achieve the objective, the SCEMP shall include: (i) a list of Stakeholders; (ii) the contact details for the Project Liaison Person. These details shall be on the project website, or equivalent virtual information source, and prominently displayed at the main entrance(s) to the site(s); (iii) methods for engaging with Mana Whenua, to be developed in consultation with Mana Whenua; (iv) methods and timing to engage with owners and occupiers whose access is directly affected; (v) methods to communicate key project milestones and the proposed hours of construction activities including outside of normal working hours and on weekends and public holidays, to the parties identified in (b)(i) above; and (vi) linkages and cross-references to communication and engagement methods set out in other conditions and management plans where relevant. (c) Any SCEMP prepared for a Stage of Work shall be submitted to the Manager for information a minimum of 10 working days prior to the Start of Construction for a Stage of Work.

15.	Cultural Advisory Report (a) At least six months prior to the start of detailed design for a Stage of Work, Mana Whenua shall be invited to prepare a Cultural Advisory Report for the project. The objective of the Cultural Advisory Report is to assist in understanding and identifying ngā taonga tuku iho (treasures handed down by our ancestors) affected by the project, to inform their management and protection. (b) To achieve the objective, the Requiring Authority shall invite Mana Whenua to prepare a Cultural Advisory Report that: (i) identifies the cultural sites, landscapes and values that have the potential to be affected by the construction and operation of the project; (ii) sets out the desired outcomes for management of potential effects on cultural sites, landscapes and values; (iii) identifies traditional cultural practices within the area that may be impacted by the project; (iv) identifies opportunities for restoration and enhancement of identified cultural sites, landscapes and values within the project area; (v) taking into account the outcomes of (i) to (iv) above, identify cultural matters and principles that should be considered in the development of the ULDMP (Condition 16) and HHMP (Condition 27) and the CMP referred to in Condition 21; and (vi) identifies and (if possible) nominates traditional names along the project alignment. Noting there may be formal statutory processes outside the project required in any decision-making. (c) The desired outcomes for management of potential effects on cultural sites, landscapes and values identified in the Cultural Advisory Report shall be discussed with Mana Whenua and those outcomes reflected in the relevant management plans where practicable; and (d) Conditions 15(b) and (c) will cease to apply if: (i) Mana Whenua have been invited to prepare a Cultural Advisory Report by a date at least six months prior to the Start of Construction; and (ii) Mana Whenua have not provided a Cultural Advisory Report within six months prior to the Start of Construction.
	Urban and Landscape Design Management Plan (ULDMP)
16.	(a) A ULDMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the ULDMP(s) is to: (i) enable integration of the project's permanent works into the surrounding landscape and urban context; and (ii) ensure that the project manages potential adverse landscape and visual effects as far as practicable and contributes to a quality urban environment. (b) Mana Whenua shall be invited to participate in the development of the ULDMP(s) to provide input into relevant cultural landscape and design matters including how desired outcomes for management of potential effects on cultural sites, landscapes and values identified and discussed in the Cultural Advisory Report in Condition 15 may be reflected in the ULDMP. (c) Relevant Stakeholders shall be invited to participate in the development of the ULDMP at least six months prior to the start of detailed design for a Stage of Work.

17.	(a) To achieve the objective set out in Condition 16, the ULDMP(s) shall provide details of how the project: (i) is designed to integrate with the adjacent urban (or proposed urban) and landscape context, including the surrounding existing or proposed topography, urban environment (eg. centres and density of built form), natural environment, landscape character and open space zones; (ii) provides appropriate walking and cycling connectivity to, and interfaces with, existing or proposed adjacent land uses, public transport infrastructure and walking and cycling connections; (iii) promotes inclusive access (where appropriate); (iv) promotes a sense of personal safety by aligning with best practice guidelines, such as: A. Crime Prevention Through Environmental Design (CPTED) principles; B. Safety in Design (SID) requirements; and C. Maintenance in Design (MID) requirements and anti-vandalism/anti-graffiti measures; (v) has responded to matters identified through the Land use Integration Process (Condition 3); and (b) The ULDMP shall be prepared in general accordance with: (i) Auckland Transport's Urban Roads and Streets Design Guide, or any subsequent or updated version; (ii) New Zealand Transport Agency Urban Design Guidelines: Bridging the Gap (2013) or any subsequent updated version; (iii) New Zealand Transport Agency Landscape Guidelines (2018) or any subsequent updated version; (iv) New Zealand Transport Agency P39 Standard Specification for Highway Landscape Treatments (2013) or any subsequent updated version; and (v) Auckland's Urban Ngahere (Forest) Strategy or any subsequent updated version.

18.	The ULDMP(s) shall include: (a) a concept plan – which depicts the overall landscape and urban design concept, and explain the rationale for the landscape and urban design proposals; (b) developed design concepts, including principles for walking and cycling facilities and public transport; (c) landscape and urban design details – that cover the following: (i) road design – elements such as intersection form, carriageway gradient and associated earthworks contouring including cut and fill batters and the interface with adjacent land uses and existing roads (including slip lanes), benching, spoil disposal sites, median width and treatment, roadside width and treatment; (ii) roadside elements – such as lighting, fencing, wayfinding and signage; (iii) architectural and landscape treatment of all major structures, including bridges and retaining walls; (iv) architectural and landscape treatment of noise barriers; (v) landscape treatment and planting of permanent stormwater control wetlands and swales; (vi) integration of passenger transport; (vii) pedestrian and cycle facilities including paths, road crossings and dedicated pedestrian/ cycle bridges or underpasses; (viii) historic heritage places with reference to the HHMP (Condition 27); and (ix) re-instatement of construction and site compound areas; and (x) features disturbed during construction and intended to be reinstated such as: A. boundary features; B. driveways; C. accessways; and D. fences. (d) the ULDMP shall also include the following planting and maintenance details: (i) planting design details including: A. identification of existing trees and vegetation that will be retained with reference to the EMP (Condition 29). Where practicable, mature trees and native vegetation should be retained; B. street trees, shrubs and ground cover suitable for the location; C. treatment of fill slopes to integrate with adjacent land use, streams, riparian margins and open space zones; D. identification of any planting requirements under the EMP (Condition 29); E. integration of any planting required by conditions of any resource consents for the project; and F. re-instatement planting of construction and site compound areas as appropriate. (ii) a planting programme including the staging of planting in relation to the construction programme which shall, as far as practicable, include provision for planting within each planting season following completion of each Stage of Work; and (iii) detailed specifications relating to the following: A. weed control and clearance; B. pest animal management (to support plant establishment); C. ground preparation (top soiling and decompaction); D. mulching; and E. plant sourcing and planting, including hydroseeding and grassing, and use of eco-sourced species.
Construction conditions	

19.	Construction Environmental Management Plan (CEMP) (a) A CEMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the CEMP is to set out the management procedures and construction methods to be undertaken to avoid, remedy or mitigate any adverse effects associated with Construction Works as far as practicable. (b) To achieve the objective, the CEMP shall include: (i) the roles and responsibilities of staff and contractors; (ii) details of the site or project manager and the Project Liaison Person, including their contact details (phone and email address); (iii) the Construction Works programmes and the staging approach, and the proposed hours of work; (iv) details of the proposed construction yards including temporary screening when adjacent to residential areas; (v) details of the proposed construction lighting; (vi) methods for controlling dust and the removal of debris and demolition of construction materials from public roads or places; (vii) methods for providing for the health and safety of the general public; (viii) measures to mitigate flood hazard effects such as siting stockpiles out of floodplains, minimising obstruction to flood flows, actions to respond to warnings of heavy rain; (ix) procedures for incident management; (x) location and procedures for the refuelling and maintenance of plant and equipment to avoid discharges of fuels or lubricants to watercourses; (xi) 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; (xii) procedures for responding to complaints about Construction Works; and (xiii) methods for amending and updating the CEMP as required.
20.	Complaints Process (a) At all times during Construction Works, a record of any complaints received about the Construction Works shall be maintained. The record shall include: (i) the date, time and nature of the complaint; (ii) the name, phone number and address of the complainant (unless the complainant wishes to remain anonymous); (iii) measures taken to respond to the complaint (including a record of the response provided to the complainant) or confirmation of no action if deemed appropriate; (iv) the outcome of the investigation into the complaint; and (v) any other activities in the area, unrelated to the project that may have contributed to the complaint, such as non-project construction, fires, traffic accidents or unusually dusty conditions generally. (b) A copy of the complaints record required by this condition shall be made available to the Manager upon request as soon as practicable after the request is made.

21.	Cultural Monitoring Plan (CMP) (a) Prior to the Start of Construction, a CMP shall be prepared by a Suitably Qualified Person(s) identified in collaboration with Mana Whenua. The objective of the CMP is to identify methods for undertaking cultural monitoring to assist with management of any cultural effects during Construction Works. (b) To achieve the objective, the CMP shall include: (i) requirements for formal dedication or cultural interpretation to be undertaken prior to the Start of Construction in areas identified as having significance to Mana Whenua; (ii) requirements and protocols for cultural inductions for contractors and subcontractors; (iii) identification of activities, sites and areas where cultural monitoring is required during particular Construction Works; (iv) identification of personnel to undertake cultural monitoring, including any geographic definition of their responsibilities; and (v) details of personnel to assist with management of any cultural effects identified during cultural monitoring, including implementation of the Accidental Discovery Protocol (c) If Enabling Works involving soil disturbance are undertaken prior to the Start of Construction, an Enabling Works CMP shall be prepared by a Suitably Qualified Person identified in collaboration with Mana Whenua. This plan may be prepared as a standalone Enabling Works CMP or be included in the main Construction Works CMP. Advice note: Where appropriate, the CMP shall align with the requirements of other conditions of the designation and resource consents for the project which require monitoring during Construction Works.

22.	Construction Traffic Management Plan (CTMP) (a) A CTMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the CTMP is to avoid, remedy or mitigate, as far as practicable, adverse construction traffic effects. (b) To achieve this objective, the CTMP shall include: (i) methods to manage the effects of temporary traffic management activities on traffic; (ii) measures to ensure the safety of all transport users; (iii) the estimated numbers, frequencies, routes and timing of traffic movements, including any specific non-working or non-movement hours to manage vehicular and pedestrian traffic near Education Facilities or to manage traffic congestion; (iv) site access routes and access points for heavy vehicles, the size and location of parking areas for plant, construction vehicles and the vehicles of workers and visitors; (v) identification of detour routes and other methods to ensure the safe management and maintenance of traffic flows, including public transport, pedestrians and cyclists; (vi) methods to maintain access to and within property and/or private roads where practicable, or to provide alternative arrangements when it will not be, including details of how access is managed for loading and unloading of goods; (vii) the management approach to loads on heavy vehicles, including covering loads of fine material, the use of wheel-wash facilities at site exit points and the timely removal of any material deposited or spilled on public roads; (viii) methods that will be undertaken to communicate traffic management measures to affected road users (e.g. residents / public / Stakeholders / emergency services); (ix) details of minimum network performance parameters during the construction phase, including any measures to monitor compliance with the performance parameters; and (x) details of any measures proposed to be implemented in the event of thresholds identified in (ix) being exceeded. (c) Auditing, monitoring and reporting requirements relating to traffic management activities shall be undertaken in accordance with the New Zealand Guide to Temporary Traffic Management (April 2023) or any subsequent version.

23.

Construction Noise Standards

(a) Construction noise shall be measured and assessed in accordance with NZS6803:1999 Acoustics – Construction Noise and shall comply with the noise standards set out in the following table as far as practicable:

Table 23-1 Construction Noise Standards

Day of week	Time period	L _{Aeq} (15min)	L _{AF} max
Occupied activity sensitive to noise			
Weekday	0630h - 0730h	55 dB	75 dB
	0730h - 1800h	70 dB	85 dB
	1800h - 2000h	65 dB	80 dB
	2000h - 0630h	45 dB	75 dB
Saturday	0630h - 0730h	45 dB	75 dB
	0730h - 1800h	70 dB	85 dB
	1800h - 2000h	45 dB	75 dB
	2000h - 0630h	45 dB	75 dB
Sunday and Public Holidays	0630h - 0730h	45 dB	75 dB
	0730h - 1800h	55 dB	85 dB
	1800h - 2000h	45 dB	75 dB
	2000h - 0630h	45 dB	75 dB
Other occupied buildings			
All	0730h – 1800h	70 dB	
	1800h – 0730h	75 dB	

(b) Where compliance with the noise standards set out in Table 23-1 is not practicable, the methodology in Condition 26 shall apply.

24.

Construction Vibration Standards

(a) Construction vibration shall be measured in accordance with ISO 4866:2010 Mechanical vibration and shock – Vibration of fixed structures – Guidelines for the measurement of vibrations and evaluation of their effects on structures and shall comply with the vibration standards set out in the following table as far as practicable.

Table 24-1 Construction Vibration Standards

Receiver	Details	Category A*	Category B**
Occupied activities sensitive to noise	Night-time 2000h - 0630h	0.3mm/s ppv	2mm/s ppv
	Daytime 0630h - 2000h	2mm/s ppv	5mm/s ppv
Other occupied buildings	Daytime 0630h - 2000h	2mm/s ppv	5mm/s ppv
All other buildings	At all other times	Tables 1 and 3 of DIN4150-3:1999	

* Category A criteria adopted from Rule E25.6.30.1 of the AUP

** Category B criteria based on DIN 4150-3:1999 building damage criteria for daytime

(b) Where compliance with the vibration standards set out in Table 24-1 is not practicable, the methodology in Condition 26 shall apply.

25.	Construction Noise and Vibration Management Plan (CNVMP) (a) A CNVMP shall be prepared prior to the Start of Construction for Stage of Work. A CNVMP shall be implemented during the Stage of Work to which it relates. The objective of the CNVMP is to provide a framework for the development and implementation of the Best Practicable Option for the management of construction noise and vibration effects to achieve the construction noise and vibration standards set out in Conditions 23 and 24 to the extent practicable. (b) To achieve the objective, the CNVMP shall be prepared in accordance with Annex E2 of the New Zealand Standard NZS6803:1999 'Acoustics – Construction Noise' (NZS6803:1999) and shall as a minimum, address the following: (i) description of the works and anticipated equipment/processes; (ii) hours of operation, including times and days when construction activities would occur; (iii) the construction noise and vibration standards for the project; (iv) identification of receivers where noise and vibration standards apply; (v) a hierarchy of management and mitigation options, including any requirements to limit night works and works during other sensitive times, including Sundays and public holidays as far as practicable; (vi) methods and frequency for monitoring and reporting on construction noise and vibration; (vii) procedures for communication and engagement with nearby residents and Stakeholders, including notification of proposed construction activities, the period of construction activities, and management of noise and vibration complaints; (viii) contact details of the Project Liaison Person; (ix) procedures for the regular training of the operators of construction equipment to minimise noise and vibration as well as expected construction site behaviours for all workers; (x) procedures and requirements for the preparation of a Schedule to the CNVMP (Schedule) for those areas where compliance with the noise Condition 23 and/or vibration standards Condition 24 Category B will not be practicable; (xi) identification of trigger levels for undertaking building condition surveys, which shall be Category B day time levels; (xii) procedures and trigger levels for undertaking building condition surveys before and after works to determine whether any cosmetic or structural damage has occurred as a result of construction vibration; (xiii) methodology and programme of desktop and field audits and inspections to be undertaken to ensure that the CNVMP, Schedules and the Best Practicable Option for management of effects are being implemented; and (xiv) requirements for review and update of the CNVMP.

26.	Schedule to a CNVMP (a) A Schedule to the CNVMP (Schedule) shall be prepared prior to the Start of Construction of an activity to which it relates by a Suitably Qualified Person, in consultation with the owners and occupiers of sites subject to the Schedule, when: (i) construction noise is either predicted or measured to exceed the noise standards in Condition 23, except where the exceedance of the L_{Aeq} criteria is no greater than 5 decibels and does not exceed: A. 0630 – 2000: 2 periods of up to 2 consecutive weeks in any 2 months; or B. 2000 - 0630: 1 period of up to 2 consecutive nights in any 10 days; (ii) construction vibration is either predicted or measured to exceed the Category B standard at the receivers in Condition 24. (b) The objective of the Schedule is to set out the Best Practicable Option measures to manage noise and/or vibration effects of the construction activity beyond those measures set out in the CNVMP. (c) To achieve the objective, the Schedule shall include details such as: (i) construction activity location, start and finish dates; (ii) the nearest neighbours to the construction activity; (iii) the predicted noise and/or vibration level for all receivers where the levels are predicted or measured to exceed the applicable standards and predicted duration of the exceedance; (iv) for works proposed between 2000h and 0630h, the reasons why the proposed works must be undertaken during these hours and why they cannot be practicably undertaken during the daytime; (v) the proposed mitigation options that have been selected, and the options that have been discounted as being impracticable and the reasons why; (vi) the consultation undertaken with owners and occupiers of sites subject to the Schedule, and how consultation has and has not been taken into account; and (vii) location, times and types of monitoring. (d) The Schedule shall be submitted to the Manager for Certification at least five working days (except in unforeseen circumstances) in advance of Construction Works that are covered by the scope of the Schedule and shall form part of the CNVMP. (e) The CNVMP Schedule shall be deemed certified five working days from the submission of the CNVMP Schedule where no written confirmation of Certification has been received. (f) Where material changes are made to a Schedule required by this condition, the Requiring Authority shall consult the owners and/or occupiers of sites subject to the Schedule prior to submitting the amended Schedule to the Manager for Certification in accordance with (d) above. The amended Schedule shall document the consultation undertaken with those owners and occupiers, and how consultation outcomes have and have not been taken into account.

27.	Historic Heritage Management Plan (HHMP) (a) A HHMP shall be prepared in consultation with Council, HNZPT and Mana Whenua prior to the Start of Construction for a Stage of Work. The objective of the HHMP is to protect historic heritage and to remedy and mitigate any residual effects as far as practicable. (b) To achieve the objective, the HHMP shall identify: (i) any adverse direct and indirect effects on historic heritage sites and measures to appropriately avoid, remedy or mitigate any such effects, including a tabulated summary of these effects and measures; (ii) methods for the identification and assessment of potential historic heritage places within the designation to inform detailed design; (iii) known historic heritage places and potential archaeological sites within the designation, including identifying any archaeological sites for which an Archaeological Authority under the HNZPTA will be sought or has been granted; (iv) any unrecorded archaeological sites or post-1900 heritage sites within the designation, which shall also be documented and recorded; (v) roles, responsibilities and contact details of project personnel, Council and HNZPT representatives, Mana Whenua representatives, and relevant agencies involved with heritage and archaeological matters including surveys, monitoring of Construction Works, compliance with AUP accidental discovery rule, and monitoring of conditions; (vi) specific areas to be investigated, monitored and recorded to the extent these are directly affected by the project; (vii) the proposed methodology for investigating and recording post-1900 historic heritage sites (including buildings) that need to be destroyed, demolished or relocated, including details of their condition, measures to mitigate any adverse effects and timeframe for implementing the proposed methodology, in accordance with the HNZPT Archaeological Guidelines Series No.1: Investigation and Recording of Buildings and Standing Structures (November 2018), or any subsequent version; (viii) methods to acknowledge cultural values identified through Condition 15 where archaeological sites also involve ngā taonga tuku iho (treasures handed down by our ancestors) and where feasible and practicable to do so; (ix) methods for avoiding, remedying or mitigating adverse effects on historic heritage places and sites within the designation during Construction Works as far as practicable. These methods shall include, but are not limited to: A. security fencing or hoardings around historic heritage places to protect them from damage during construction or unauthorised access; B. measures to mitigate adverse effects on historic heritage sites that achieve positive historic heritage outcomes such as increased public awareness and interpretation signage; and C. training requirements and inductions for contractors and subcontractors on historic heritage places within the designation, legal obligations relating to unexpected discoveries and the AUP Accidental Discovery Rule (E11.6.1). The training shall be undertaken prior to the Start of Construction, under the guidance of a Suitably Qualified Person and Mana Whenua representatives (to the extent the training relates to cultural values identified under Condition 15). Advice note: Accidental Discoveries The requirements for accidental discoveries of heritage items are set out in Rule E11.6.1 of the AUP.

28.	Pre-Construction Ecological Survey (a) At the start of detailed design for a Stage of Work, an updated ecological survey shall be undertaken in the relevant geographic area by a Suitably Qualified Person. The purpose of the survey is to inform ecological management by: (i) confirming whether the species of value within the Identified Biodiversity Areas recorded in the Identified Biodiversity Area Schedule 3 are still present; and (ii) confirming whether the project will or is likely to have a moderate or greater level of ecological effect on species of value (prior to implementation of impact management measures). The level of effect shall be determined in accordance with Table 10 of the EIANZ Guidelines (or subsequent updated version of that table) as included in Schedule 4 of these conditions. (b) If the ecological survey confirms the presence of ecological species of value in accordance with Condition 28(a)(i) and that effects are likely in accordance with Condition 28(a)(ii) then an Ecological Management Plan (or Plans) shall be prepared in accordance with Condition 29 for these areas (Confirmed Biodiversity Areas).

29.	Ecological Management Plan (EMP) (a) An EMP shall be prepared for any Confirmed Biodiversity Areas (confirmed through Condition 28) prior to the Start of Construction for a Stage of Work. The objective of the EMP is to minimise effects of the project on the ecological features of value in Confirmed Biodiversity Areas as far as practicable. (b) If an EMP is required in accordance with (a) for the presence of long tail bats, the EMP may include the following to achieve the objective: (i) measures to minimise as far as practicable, disturbance from construction activities within 50m of any active long tail bat roosts that are discovered through survey until such roosts are confirmed to be vacant of bats; (ii) timing of any Construction Works within 50m of any active maternity long tail bat roosts. Those Construction Works shall be undertaken outside the bat maternity period (between December and March) where reasonably practicable; (iii) details of areas where vegetation is to be retained and where additional planting is proposed to be provided and maintained for the purposes of the connectivity of long tail bat habitats; and (iv) details of measures to minimise any operational disturbance from light spill. (c) If an EMP is required in accordance with (a) for the presence of Threatened or At-Risk birds (excluding wetland birds), the EMP may include the following to achieve the objective: (i) timing of any Construction Works which may have adverse effects on Threatened or At-Risk birds (excluding wetland birds). Those Construction Works shall be undertaken outside the bird breeding season (September to February) where practicable; and (ii) where works are required within the area identified in the Confirmed Biodiversity Area during the bird breeding season, methods to minimise adverse effects on Threatened or At-Risk birds. (d) If an EMP is required in accordance with (a) for the presence of Threatened or At-Risk wetland birds, the EMP may include the following to achieve the objective: (i) details of any nesting bird surveys of Threatened or At-Risk wetland birds. Nesting bird surveys shall be undertaken within any wetland that is both within a Confirmed Biodiversity Area and located within a 50m radius of Construction Works. Surveys shall be undertaken prior to any such works taking place and repeated at the beginning of each wetland bird breeding season until the Completion of Construction; (ii) timing of any Construction Works which may have adverse effects on Threatened or At-Risk wetland birds. Those Construction Works shall be undertaken outside of the bird breeding season (September to February) where practicable; (iii) where works are required within the Confirmed Biodiversity Area during the bird breeding season, methods to minimise adverse effects on Threatened or At-Risk wetland birds; and (iv) details of what protection and buffer measures are proposed to manage effects on nesting Threatened or At-Risk wetland birds identified through a survey undertaken in accordance with Condition (d)(i). Proposed measures shall address: A. the type, intensity and duration of construction activity; B. the likely sensitivity of the nesting bird species to the construction activity; and C. any environmental features (e.g., vegetation and contour) that could influence the extent of potential adverse effects on the Threatened or At-Risk wetland birds; and (v) details of measures to minimise any operational disturbance from light spill. (e) The EMP shall be consistent with any ecological management measures to be undertaken in compliance with conditions of any regional resource consents granted for the project. Advice note:

	Depending on the potential effects of the project, the regional consents for the project may include the following monitoring and management plans: (i) stream and/or wetland restoration plans; (ii) vegetation restoration plans; and (iii) fauna management plans (e.g. avifauna).
30.	Network Utility Management Plan (NUMP) (a) A NUMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the NUMP is to set out a framework for protecting, relocating and working in proximity to existing network utilities. (b) To achieve the objective, the NUMP shall include methods to: (i) provide access for maintenance at all reasonable times, or emergency works at all times during construction activities; (ii) protect and where necessary, relocate existing network utilities; (iii) manage the effects of dust and any other material potentially resulting from construction activities and able to cause material damage, beyond normal wear and tear to overhead transmission lines in the project area; (iv) demonstrate compliance with relevant standards and Codes of Practice including, where relevant, the NZECP 34:2001 New Zealand Electrical Code of Practice for Electrical Safe Distances 2001; AS/NZS 4853:2012 Electrical hazards on Metallic Pipelines, and AS/NZS 2885 Pipelines – Gas and Liquid Petroleum. (c) The NUMP shall be prepared in consultation with the relevant Network Utility Operator(s) who have existing assets that are directly affected by the project. (d) The development of the NUMP shall consider opportunities to coordinate future work programmes with other Network Utility Operator(s) during detailed design where practicable. (e) The NUMP shall describe how any comments from the Network Utility Operator in relation to its assets have been addressed. (f) Any comments received from the Network Utility Operator shall be considered when finalising the NUMP. (g) Any amendments to the NUMP related to the assets of a Network Utility Operator shall be prepared in consultation with that asset owner.
31.	Network Integration Management Plan (NIMP) (a) At least six months prior to the start of detailed design for a Stage of Work, the Requiring Authority shall prepare, in collaboration with other relevant road controlling authorities, a NIMP. (b) The objective of the NIMP is to identify how the project will integrate with the planned transport network in the North Growth Area to achieve an effective, efficient and safe land transport system. To achieve this objective, the NIMP shall include details of the: (i) project implementation approach and any staging of the project, including both design, management and operational matters; and (ii) sequencing of the project with the planned transport network, including both design, management and operational matters.
Operational conditions	

32.	Low Noise Road Surface (a) Asphaltic concrete surfacing (or equivalent low noise road surface) shall be implemented within 12 months of Completion of Construction of the project. (b) The asphaltic concrete surface shall be maintained as far as practicable to retain the noise reduction performance of the surface established in accordance with (a), unless Condition 33 applies.
33.	Future Resurfacing Work (a) Any future resurfacing works of the project shall be undertaken in accordance with the Auckland Transport Reseal Guidelines, Asset Management and Systems 2013 or any updated version and asphaltic concrete surfacing (or equivalent low noise road surface) shall be implemented where: (i) the volume of traffic exceeds 10,000 vehicles per day; (ii) the road is subject to high wear and tear (such as cul de sac heads, roundabouts and main road intersections); (iii) it is in an industrial or commercial area where there is a high concentration of truck traffic; or (iv) it is subject to high usage by pedestrians, such as town centres, hospitals, shopping centres and schools. (b) Prior to commencing any future resurfacing works, the Requiring Authority shall advise the Manager if any of the triggers in Condition 33(a)(i) – (iv) are not met by the road or a section of it and therefore where the application of asphaltic concrete surfacing (or equivalent low noise road surface) is no longer required on the road or a section of it. Such advice shall also indicate when any resealing is to occur.
	Traffic Noise For the purposes of Conditions 34 to 39: (a) Building-Modification Mitigation – has the same meaning as in NZS 6806; (b) Design year has the same meaning as in NZS 6806; (c) Detailed Mitigation Options – means the fully detailed design of the Selected Mitigation Options, with all practical issues addressed; (d) Habitable Space – has the same meaning as in NZS 6806; (e) Identified Noise Criteria Category – means the Noise Criteria Category for a PPF identified in Schedule 5: Identified PPFs Noise Criteria Categories; (f) Mitigation – has the same meaning as in NZS 6806:2010 Acoustics – Road-traffic noise – New and altered roads; (g) Noise Criteria Categories – means the groups of preference for sound levels established in accordance with NZS 6806 when determining the Best Practicable Option for noise mitigation (i.e. Categories A, B and C); (h) NZS 6806 – means New Zealand Standard NZS 6806:2010 Acoustics – Road-traffic noise – New and altered roads; (i) Protected Premises and Facilities (PPFs) – means only the premises and facilities identified in Schedule 5: Identified PPFs Noise Criteria Categories; (j) Selected Mitigation Options – means the preferred mitigation option resulting from a Best Practicable Option assessment undertaken in accordance with NZS 6806 taking into account any low noise road surface to be implemented in accordance with Condition 32; and (k) Structural Mitigation – has the same meaning as in NZS 6806.
34.	The Noise Criteria Categories identified in Schedule 5: Identified PPFs Noise Criteria Categories at each of the PPFs shall be achieved where practicable and subject to Conditions 34 to 39 (all traffic noise conditions). The Noise Criteria Categories do not need to be complied with at a PPF where: (a) the PPF no longer exists; or (b) agreement of the landowner has been obtained confirming that the Noise Criteria Category does not need to be met. Achievement of the Noise Criteria Categories for PPFs shall be by reference to a traffic forecast for a high growth scenario in a design year at least 10 years after the programmed opening of the project.

35.	As part of the detailed design of the project, a Suitably Qualified Person shall determine the Selected Mitigation Options for the PPFs identified on Schedule 5: Identified PPFs Noise Criteria Categories. For the avoidance of doubt, the low noise road surface implemented in accordance with Condition 32 may be (or be part of) the Selected Mitigation Option(s).
36.	Prior to the Start of Construction of the project, a Suitably Qualified Person shall develop the Detailed Mitigation Options for the PPFs identified in Schedule 5: Identified PPFs Noise Criteria Categories, taking into account the Selected Mitigation Options.
37.	If the Detailed Mitigation Options would result in the Identified Noise Criteria Category changing to a less stringent Category, e.g. from Category A to B or Category B to C, at any relevant PPF, a Suitably Qualified Person shall provide confirmation to the Manager that the Detailed Mitigation Option would be consistent with adopting the Best Practicable Option in accordance with NZS 6806 prior to implementation.
38.	The Detailed Mitigation Options shall be implemented prior to Completion of Construction of the project, with the exception of any low-noise road surfaces, which shall be implemented within 12 months of Completion of Construction.
39.	Any barriers required by the Detailed Mitigation Options shall be maintained so they retain their noise reduction performance as far as practicable.

Attachments

Schedule 1: General Accordance Plans and Information

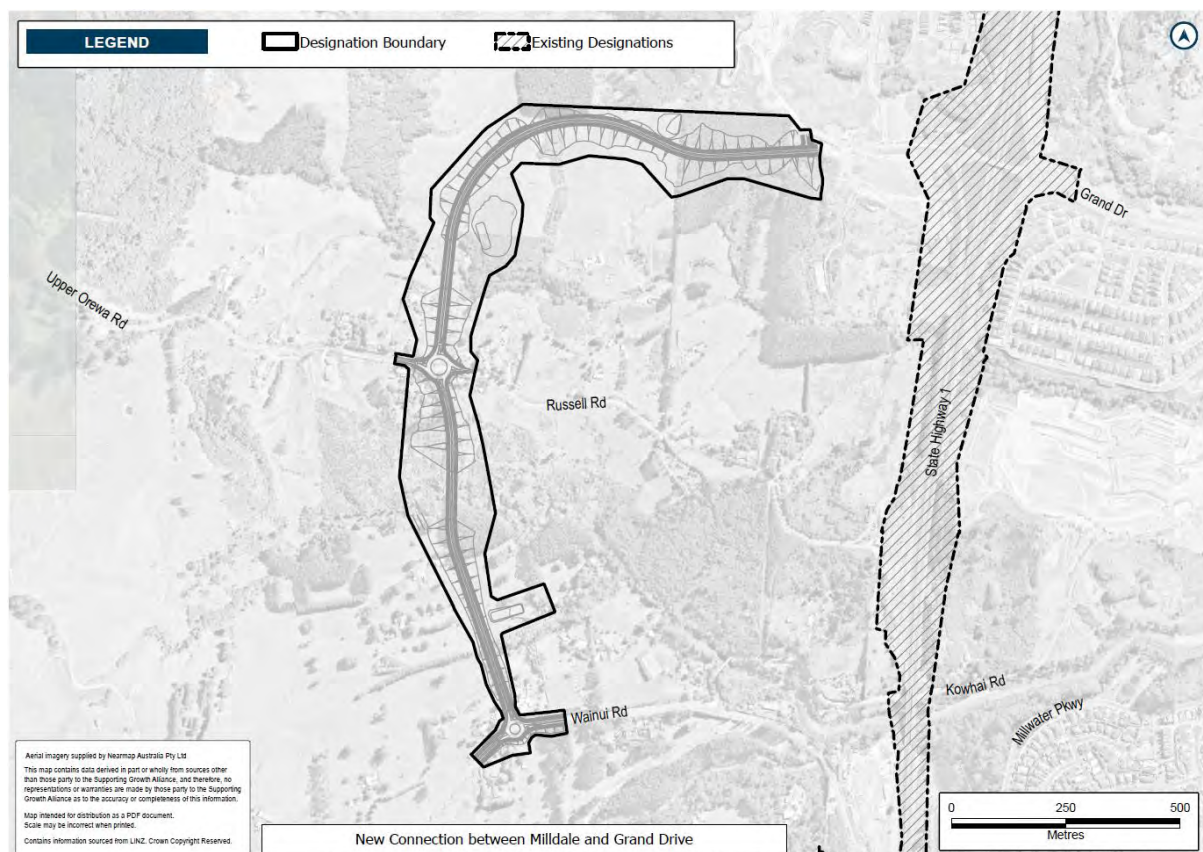
Project Description

The proposed work is the construction, operation and maintenance of an urban arterial corridor between Wainui Road in Milldale and Grand Drive in Upper Ōrewa, including active transport facilities and associated infrastructure.

The proposed work is shown in the following Concept Plan and includes:

- Construction of an urban arterial corridor with walking and cycling facilities.
- Tie-ins with existing roads and localised widening around the existing intersections to accommodate new intersection forms.
- New or upgraded stormwater management systems, bridges and culverts (where applicable).
- Batter slopes, and associated cut and fill activities (earthworks).
- Vegetation removal.
- Other construction related activities required outside the permanent corridor including the re-grade of driveways, construction traffic manoeuvring and construction laydown areas.

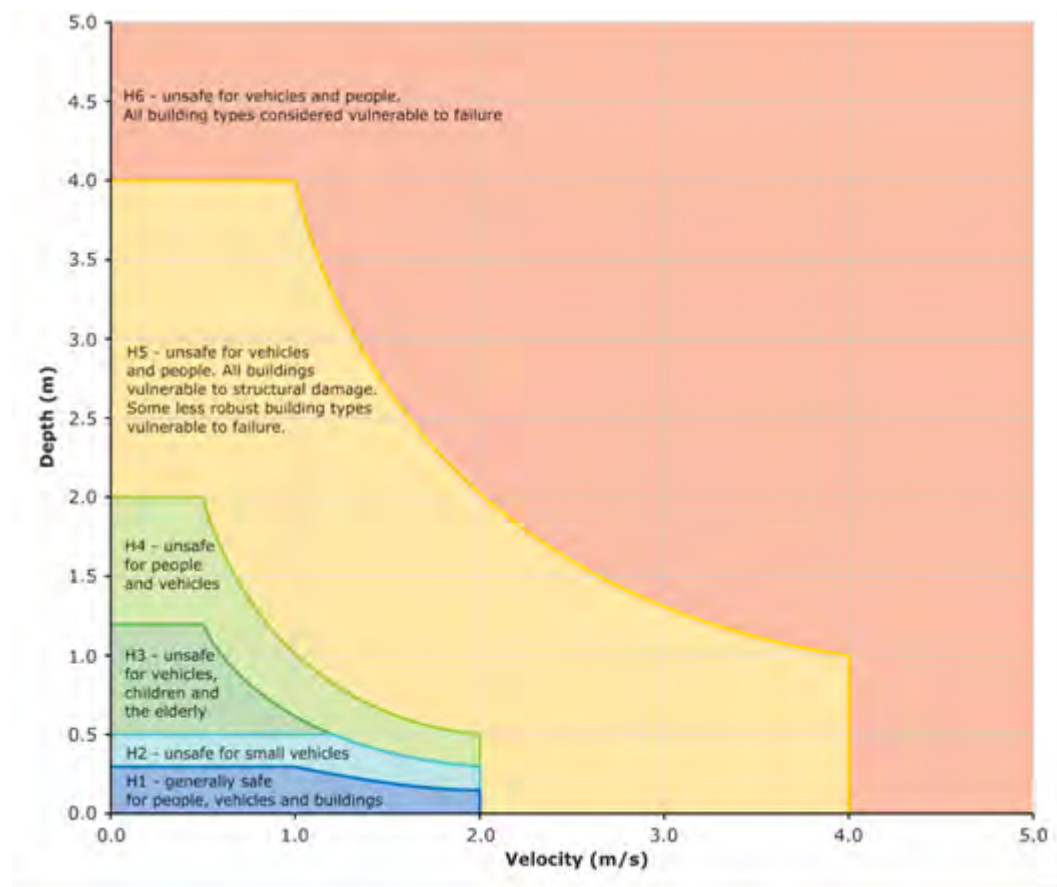
Concept Plan



Schedule 2 – Flood Hazard Class

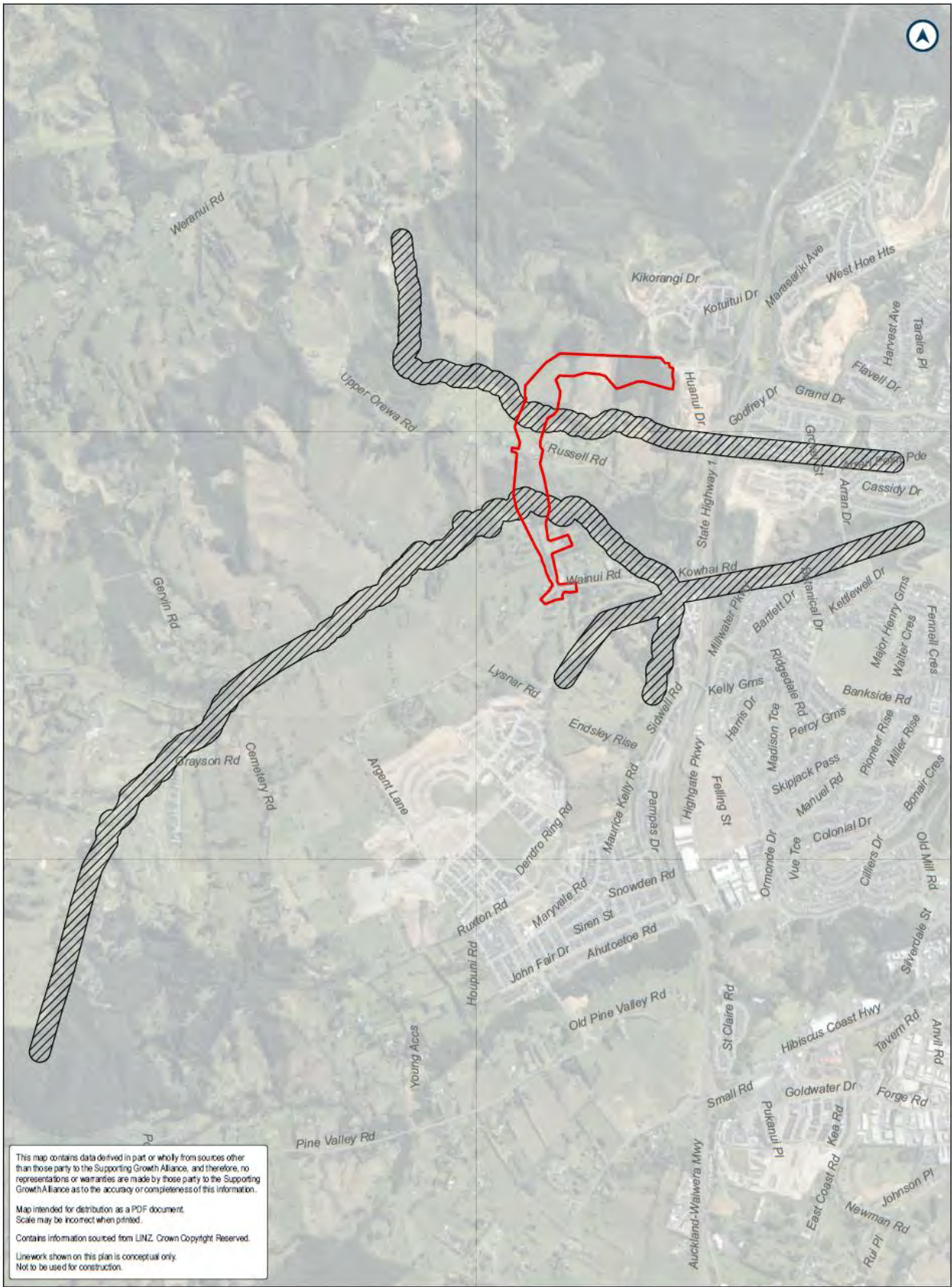
The combined flood hazard curves shown below set hazard thresholds that relate to the vulnerability of the community when interacting with floodwaters. The combined curves are divided into hazard classifications that relate to specific vulnerability thresholds

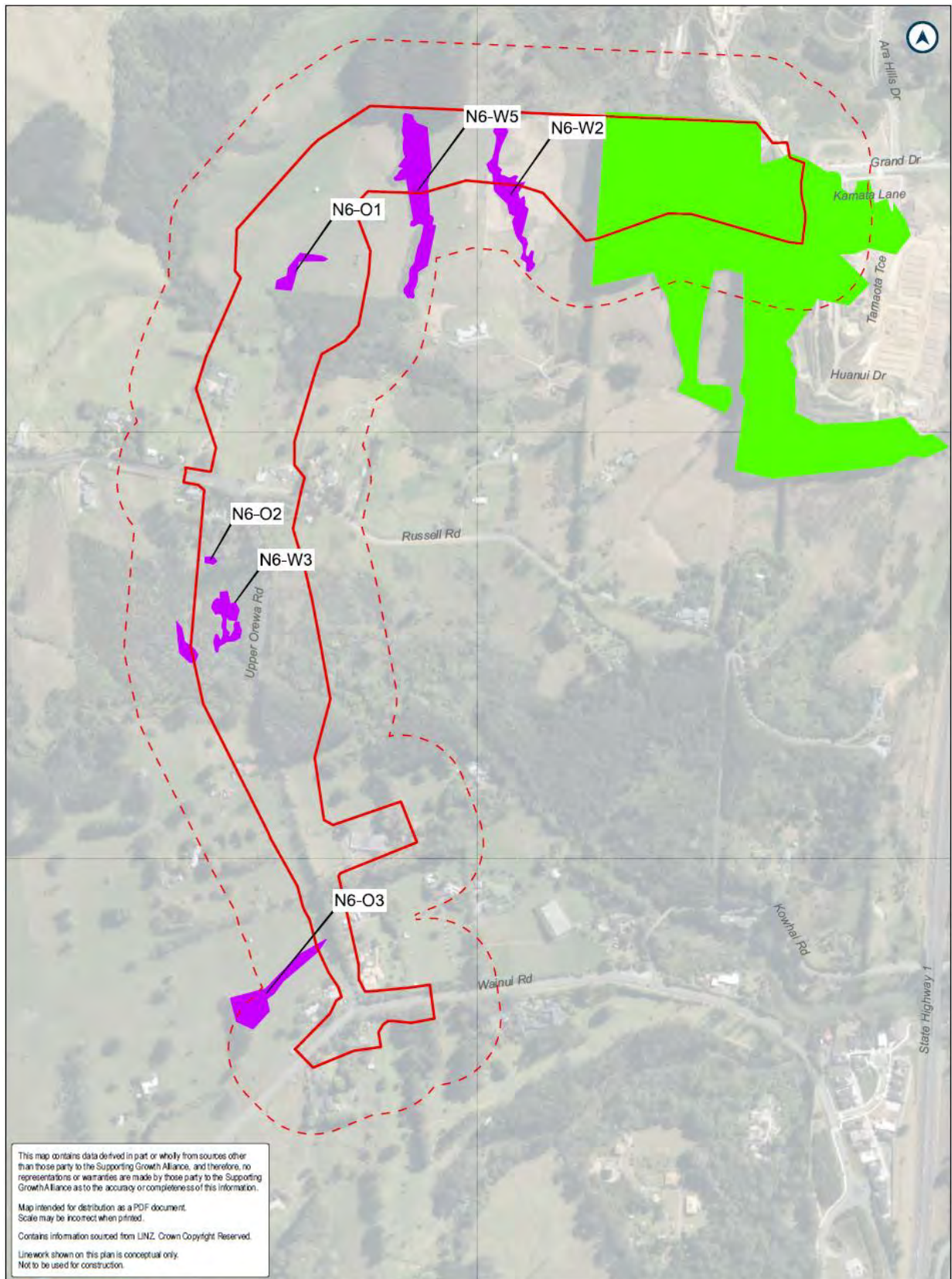
The vulnerability thresholds identified in the flood hazard curves can be applied to the best description of flood behaviour available for a subject site. In this regard, the hazard curves can be applied equally to flood behaviour estimates from measured data, simpler 1D numerical modelling approaches, through to complex 2D model estimates with the level of accuracy and uncertainty of the flood hazard estimate linked to the method used to derive the flood behaviour estimate.



Source: Australian Rainfall and Runoff, Book 6, 2019

Schedule 3: Identified Biodiversity Areas





LEGEND

 NOR 6
 Buffer 100m

**Identified Biodiversity
Areas for Wetland
Avifauna**
 Named Wetlands

**Identified Biodiversity
Areas for Non-wetland
Avifauna**
 Non-wetland Vegetation

0 150 300
 Metres

Schedule 4: Table 10 of the 2018 EIANZ Guidelines

Criteria for describing level of effects (Adapted from Regini (2000) and Boffa Miskell (2011))

Ecological Value → Magnitude ↓	Very high	High	Moderate	Low	Negligible
Very high	Very high	Very high	High	Moderate	Low
High	Very high	Very high	Moderate	Low	Very low
Moderate	High	High	Moderate	Low	Very low
Low	Moderate	Low	Low	Very low	Very low
Negligible	Low	Very low	Very low	Very low	Very low
Positive	Net gain	Net gain	Net gain	Net gain	Net gain

Schedule 5: Identified PPFs Noise Criteria Categories

Address	New or Altered Road	Noise Criteria Category
85 Upper Orewa Road	Altered road	A
406 Wainui Road	Altered road	A
411 Wainui Road	Altered road	A
11 Russell Road	Altered road	A
90 Upper Orewa Road	Altered road	A
24 Upper Orewa Road	Altered road	A
29 Upper Orewa Road	Altered road	A
100 Upper Orewa Road	Altered road	A
392 Wainui Road	Altered road	A
411 Wainui Road	Altered road	A
379 Wainui Road	Altered road	A
427 Wainui Road	Altered road	A

Appendix B - NoR 10 conditions (tracked)

[XXXX] Upgrade to Wainui Road

Designation Number	[XXXX]
Requiring Authority	Auckland Transport
Location	Wainui Road between Lysnar Road in Wainui and the State Highway 1 northbound Wainui Road offramp
Lapse Date	In accordance with section 184(1)(c) of the RMA, this designation shall lapse if not given effect to within 20 years from the date on which it is included in the AUP.

Purpose

The construction, operation and maintenance of an upgrade to Wainui Road to an arterial transport corridor and associated facilities.

Conditions

Abbreviations and definitions

Acronym/Term	Definition
Activity sensitive to noise	Any dwelling, visitor accommodation, boarding house, marae, papakāinga, integrated residential development, retirement village, supported residential care, care centre, lecture theatre in a tertiary Education Facility, classroom in an Education Facility and healthcare facility with an overnight stay facility
AUP	Auckland Unitary Plan
BPO or Best Practicable Option	Has the same meaning as in section 2 of the RMA 1991
CEMP	Construction Environmental Management Plan
Certification of material changes to management plans	Confirmation from the Manager that a material change to a management plan has been prepared in accordance with the condition to which it relates. A material change to a management plan shall be deemed certified: (a) where the Requiring Authority has received written confirmation from the Manager that the material change to the management plan is certified; or (b) 10 working days from the submission of the material change to the management plan where no written confirmation of certification has been received
CMP	Cultural Monitoring Plan
CNVMP	Construction Noise and Vibration Management Plan
CNVMP Schedule or Schedule	A schedule to the CNVMP
Completion of Construction	When construction of the project (or part of the project) is complete and it is available for use
Confirmed Biodiversity Areas	Areas recorded in the Identified Biodiversity Area Schedule where the ecological values and effects have been confirmed through the ecological survey under Condition 27
Construction Works	Activities undertaken to construct the project excluding Enabling Works
Council	Auckland Council
CTMP	Construction Traffic Management Plan

Developer	Any legal entity that intends to master plan or develop land adjacent to the designation
Development Agency	Public entities involved in development projects
Education Facility	Facility used for education to secondary level. Includes: - schools and outdoor education facilities; and - accommodation, administrative, cultural, religious, health, retail and communal facilities accessory to the above. Excludes: - care centres; and - tertiary education facilities.
EIANZ Guidelines	Ecological Impact Assessment: EIANZ Guidelines for use in New Zealand: terrestrial and freshwater ecosystems, second edition, dated May 2018
EMP	Ecological Management Plan
Enabling Works	Includes, but is not limited to, the following and similar activities: - geotechnical investigations (including trial embankments); - archaeological site investigations; - formation of access for geotechnical investigations; - establishment of site yards, site entrances and fencing; - constructing and sealing site access roads; - demolition or removal of buildings and structures; - relocation of services; and - establishment of mitigation measures (such as erosion and sediment control measures, temporary noise walls, earth bunds and planting)
HHMP	Historic Heritage Management Plan
HNZPT	Heritage New Zealand Pouhere Taonga
HNZPTA	Heritage New Zealand Pouhere Taonga Act 2014
Identified Biodiversity Area	Means an area or areas of features of ecological value where the project ecologist has identified that the project will potentially have a moderate or greater level of ecological effect, prior to implementation of impact management measures, as determined in accordance with the EIANZ Guidelines
Manager	The Manager – Resource Consents of the Auckland Council, or authorised delegate
Mana Whenua	Mana Whenua as referred to in the conditions are considered to be, but not limited to, the following (in no particular order), who at the time of Notice of Requirement expressed a desire to be involved in the project: - Ngāti Manuhiri - Te Kawerau ā Maki - Te Ākitai Waiohū - Ngāti Whanaunga - Te Runanga o Ngāti Whātua - Ngāti Maru - Te Patu Kirikiri - Ngāti Whātua o Kaipara - Ngāti Tamaterā - Ngai Tai ki Tāmaki - Ngāti Paoa Iwi Trust - Ngāti Paoa Trust Board Note: other iwi not identified above may have an interest in the project and should be consulted
Network Utility Operator	Has the same meaning as set out in section 166 of the RMA
NIMP	Network Integration Management Plan

NoR	Notice of Requirement
North Growth Area	Land for future urban development in the North of Auckland, including Future Urban zoned areas in Ara Hills, Ōrewa, Wainui East, Silverdale West, Redvale and Dairy Flat
NUMP	Network Utilities Management Plan
Outline Plan	An outline plan prepared in accordance with section 176A of the RMA
Project Liaison Person	The person or persons appointed for the duration of the project's Construction Works to be the main point of contact for persons wanting information about the project or affected by the Construction Works
Protected Premises and Facilities (PPF)	Protected Premises and Facilities as defined in New Zealand Standard NZS 6806:2010: <i>Acoustics – Road-traffic noise – New and altered roads</i>
Requiring Authority	Has the same meaning as section 166 of the RMA and, for this designation is Auckland Transport
RMA	Resource Management Act 1991
SCEMP	Stakeholder Communication and Engagement Management Plan
Stakeholder	Stakeholders to be identified in accordance with Condition 4, which may include as appropriate: (a) adjacent owners and occupiers; (b) adjacent business owners and operators; (c) central and local government bodies; (d) community groups; (e) developers; (f) development agencies; (g) Education Facilities; and (h) Network Utility Operators.
Stage of Work	Any physical works that require the development of an Outline Plan
Start of Construction	The time when Construction Works (excluding Enabling Works) start
Suitably Qualified Person	A person (or persons) who can provide sufficient evidence to demonstrate their suitability, experience and competence in the relevant field of expertise.
TMP	Tree Management Plan
ULDMP	Urban and Landscape Design Management Plan

General conditions	
1.	Activity in General Accordance with Plans and Information (a) Except as provided for in the conditions below, and subject to final design and Outline Plan(s), works within the designation shall be undertaken in general accordance with the project description and concept plan in Schedule 1. (b) Where there is inconsistency between: (i) the project description and concept plan in Schedule 1 and the requirements of the following conditions, the conditions shall prevail; (ii) the project description and concept plan in Schedule 1, and the management plans under the conditions of the designation, the requirements of the management plans shall prevail.
2.	Project Information (a) A project website, or equivalent virtual information source, shall be established as soon as reasonably practicable, and within six months of the inclusion of this designation in the AUP. This shall be updated as required so it remains current. (b) All directly affected owners and occupiers shall be notified in writing as soon as reasonably practicable once the website or equivalent information source has been established. The project website or virtual information source shall include these conditions and shall provide information on: (i) the status of the project; (ii) anticipated construction timeframes; (iii) contact details for enquiries; (iv) the implications of the designation for landowners, occupiers and business owners and operators within the designation and where they can receive additional advice; (v) a subscription service to enable receipt of project updates by email; (vi) the types of activities that can be undertaken by landowners without the need for written consent to be obtained under s176(1)(b) of the RMA; and (vii) when and how to apply for consent for works in the designation under section 176(1)(b) of the RMA. (c) At ten yearly intervals from the inclusion of this designation in the AUP until the start of detailed design, the Requiring Authority shall identify appropriate methods with the relevant Local Board(s) to: (i) inform the wider community of the project status; and (ii) raise awareness of the project website. (d) At the start of detailed design for a Stage of Work, the project website or virtual information source shall be updated to provide information on the likely date for Start of Construction, and any Staging of Works.

3.	Land use Integration Process (a) The Requiring Authority shall set up a Land use Integration Process for the period between confirmation of the designation and the Start of Construction. The purpose of this process is to encourage and facilitate the integration of master planning and land use development activity on land directly affected or adjacent to the designation. To achieve this purpose: (i) the Requiring Authority shall include the contact details of a nominated contact on the project website (or equivalent information source) required to be established by Condition 2(b)(iii); and (ii) the nominated contact shall be the main point of contact for a Developer or Development Agency wanting to work with the Requiring Authority to integrate their development plans or master planning with the designation. (b) At any time prior to the Start of Construction, the nominated contact will be available to engage with a Developer or Development Agency for the purpose of: (i) responding to requests made to the Requiring Authority for information regarding design details that could assist with land use integration; and (ii) receiving information from a Developer or Development Agency regarding master planning or land development details that could assist with land use integration. (c) Information requested or provided under Condition 3(b) above may include but not be limited to the following matters: (i) design details including but not limited to: A. boundary treatment (e.g. the use of retaining walls or batter slopes); B. the horizontal and vertical alignment of the road (levels); C. potential locations for mid-block crossings; D. integration of stormwater infrastructure; and E. traffic noise modelling contours. (ii) potential modifications to the extent of the designation in response to information received through Condition 3(b)(ii); (iii) a process for the Requiring Authority to undertake a technical review of or provide comments on any master planning or development proposal advanced by the Developer or Development Agency as it relates to integration with the project; and (iv) details of how to apply for written consent from the Requiring Authority for any development proposal that relates to land that is within the designation under section 176(1)(b) of the RMA. (d) Where information is requested from the Requiring Authority and is available, the nominated contact shall provide the information unless there are reasonable grounds for not providing it. (e) The nominated contact shall maintain a record of the engagement between the Requiring Authority and Developers and Development Agencies for the period following the date in which this designation is included in the AUP through to the Start of Construction for a Stage of Work. The record shall include: (i) details of any requests made to the Requiring Authority that could influence detailed design, the results of any engagement and, where such requests that could influence detailed design are declined, the reasons why the Requiring Authority has declined the requests; and (ii) details of any requests to co-ordinate the forward work programme, where appropriate, with Development Agencies and Network Utility Operators. (f) The record shall be submitted to Council for information 10 working days prior to the Start of Construction for a Stage of Work.

4.	Stakeholder Communication and Engagement Design (a) At least six months prior to the start of detailed design for a Stage of Work, the Requiring Authority shall identify: (i) a list of Stakeholders; (ii) a list of properties within the designation which the Requiring Authority does not own or have occupation rights to; and (iii) methods to engage with Stakeholders and the owners and occupiers of properties identified in (a)(i) – (ii) above. (b) A record of (a) shall be submitted to the Manager for information with an Outline Plan for the relevant Stage of Work.
5.	Designation Review As soon as reasonably practicable following Completion of Construction, the Requiring Authority shall: (i) review the extent of the designation to identify any areas of designated land that it no longer requires for the on-going operation, maintenance or mitigation of effects of the project; and (ii) give notice to the Manager in accordance with section 182 of the RMA for the removal of those parts of the designation identified above.
6.	Lapse In accordance with section 184(1)(c) of the RMA, this designation shall lapse if not given effect to within 20 years from the date on which it is included in the AUP.
7.	Network Utility Operators (Section 176 Approval) (a) Prior to the Start of Construction, Network Utility Operators with existing infrastructure located within the designation will not require written consent under section 176 of the RMA for the following activities: (i) operation, maintenance and repair works; (ii) minor renewal works to existing network utilities necessary for the on-going provision or security of supply of network utility operations; (iii) minor works such as new service connections; and (iv) the upgrade and replacement of existing network utilities in the same location with the same or similar effects on the works authorised by the designation as the existing utility. (b) To the extent that a record of written approval is required for the activities listed above, this condition shall constitute written approval.
8.	General Section 176 Approval (a) Prior to the start of the formal acquisition process under the Public Works Act 1981 for a property, or submission of the Outline Plan, persons on properties zoned Rural or Future Urban will not require written consent under section 176 of the RMA for the following activities: (i) Internal alterations; (ii) Repair of existing utility services; (iii) One extension to an existing structure as at 2023, up to 30m²; (iv) Temporary or relocatable structures, provided they are removed from the site and the land is reinstated (including closing and capping any associated services) at the landowner's expense prior to the Start of Construction. The landowner shall be responsible for any resource consent required for the structures, their removal or relocation. (b) To the extent that a record of written approval is required for the activities listed above, this condition shall constitute written approval.
Pre-construction conditions	

9.	Outline Plan (a) An Outline Plan (or Plans) shall be prepared in accordance with section 176A of the RMA. (b) Outline Plans (or Plan) may be submitted in parts or in stages to address particular activities (e.g. design or construction aspects), or a Stage of Work of the project. (c) Outline Plans shall include any management plan or plans that are relevant to the management of effects of those activities or Stage of Work, which may include: (i) Construction Environmental Management Plan; (ii) Construction Traffic Management Plan; (iii) Construction Noise and Vibration Management Plan; (iv) Urban and Landscape Design Management Plan; (v) Historic Heritage Management Plan; (vi) Ecological Management Plan; (vii) Tree Management Plan; (viii) Network Utilities Management Plan; and (ix) Network Integration Management Plan.
	Flood Hazard For the purpose of Condition 10: (a) AEP – means Annual Exceedance Probability; (b) Existing Authorised Habitable Floor – means the floor level of any room (floor) in a residential building which is authorised and exists at the time the Outline Plan is submitted, excluding a laundry, bathroom, toilet or any room used solely as an entrance hall, passageway or garage; (c) Flood Prone Area – means potential ponding areas that may flood in a 1% AEP event and commonly comprise of topographical depression areas. The areas can occur naturally or as a result of constructed features. Identification of a potential Flood Prone Area would be by an assessment of residual flood risk in a 1% AEP event (e.g. from blockage of the project stormwater network) on land outside and adjacent to the designation following the application of Conditions (10)(a)(i) – (iv). (d) Maximum Probable Development – is the design case for consideration of future flows allowing for development within a catchment that takes into account the maximum impervious surface limits of the current zone or if the land is zoned Future Urban in the AUP, the probable level of development arising from zone changes; (e) Pre-Project Development – means existing site condition prior to the project (including existing buildings and roadways); and (f) Post-Project Development – means site condition after the project has been completed (including existing and new buildings and roadways).

10.	Flood Hazard (a) The project shall be designed to achieve the following flood risk outcomes beyond the boundary of the designation: (i) no increase in flood levels in a 1% AEP event for Existing Authorised Habitable Floors that are already subject to flooding or have a freeboard less than 500mm; (ii) no increase in flood levels in a 1% AEP event for authorised community, commercial, industrial and network utility building floors existing at the time the Outline Plan is submitted that are already subject to flooding or have a freeboard less than 300mm; (iii) maximum of 50mm increase in flood levels in a 1% AEP event outside and adjacent to the designation boundary between the Pre-Project Development and Post-Project Development scenarios; (iv) no increase of Flood Hazard Class for the main access to authorised habitable dwellings existing at the time the Outline Plan is submitted. The assessment shall be undertaken for the 1% AEP rainfall event and reference the hazard class in accordance with Schedule 2 to these conditions; and (v) no new Flood Prone Areas. (b) Compliance with this condition shall be demonstrated in the Outline Plan, which shall include flood modelling of the Pre-Project Development and Post-Project Development 1% AEP flood levels (for Maximum Probable Development land use with allowances for climate change). (c) Where: (i) the flood risk outcomes in (a) can be achieved through alternative measures outside of the designation such as flood stop banks, flood walls, raising Existing Authorised Habitable Floor level and new overland flow paths; or (ii) the outcomes are varied at specific location(s) through agreement with the relevant landowner, confirmation shall be provided to the Manager that any necessary landowner agreement and statutory approvals have been obtained for that alternative measure or varied outcome.
11.	Existing property access Prior to submission of the Outline Plan, consultation shall be undertaken with landowners and occupiers whose vehicle access to their property will be altered by the project. The Outline Plan shall demonstrate how safe reconfigured or alternate access will be provided, unless otherwise agreed with the affected landowner.

12.	Management Plans (a) Any management plan shall: (i) be prepared and implemented in accordance with the relevant management plan condition; (ii) be prepared by a Suitably Qualified Person(s); (iii) include sufficient detail relating to the management of effects associated with the relevant activities and/or Stage of Work to which it relates; (iv) be submitted as part of an Outline Plan pursuant to section 176A of the RMA, with the exception of SCEMPs and CNVMP Schedules; and (v) once finalised, uploaded to the project website or equivalent virtual information source. (b) Any management plan developed in accordance with Condition 12 may: (i) be submitted in parts or in stages to address particular activities (e.g. design or construction aspects), a Stage of Work of the project, or to address specific activities authorised by the designation; and (ii) except for material changes, be amended to reflect any changes in design, construction methods or management of effects without further process; (c) Information shall be submitted with the management plan (or revised plan as referred to in (d) below) which summarises outcomes of consultation and any input received from Mana Whenua and Stakeholders as required by the relevant management plan condition. The summary shall note how this input has been incorporated or reflected in the management plan, or if not, the reasons why; (d) If there is a material change required to a management plan which has been submitted with an Outline Plan, the revised part of the plan shall be submitted to the Manager as an update to the Outline Plan or for Certification as soon as practicable following identification of the need for a revision; and (e) Any material changes to the SCEMP(s) are to be submitted to the Manager for information.
13.	Stakeholder Communication and Engagement Management Plan (SCEMP) (a) A SCEMP shall be prepared in consultation with relevant Stakeholders prior to the Start of Construction. The objective of the SCEMP is to identify how the public and Stakeholders will be engaged with throughout Construction Works. (b) To achieve the objective, the SCEMP shall include: (i) a list of Stakeholders; (ii) the contact details for the Project Liaison Person. These details shall be on the project website, or equivalent virtual information source, and prominently displayed at the main entrance(s) to the site(s); (iii) methods for engaging with Mana Whenua, to be developed in consultation with Mana Whenua; (iv) methods and timing to engage with owners and occupiers whose access is directly affected; (v) methods to communicate key project milestones and the proposed hours of construction activities including outside of normal working hours and on weekends and public holidays, to the parties identified in (b)(i) above; and (vi) linkages and cross-references to communication and engagement methods set out in other conditions and management plans where relevant. (c) Any SCEMP prepared for a Stage of Work shall be submitted to the Manager for information a minimum of 10 working days prior to the Start of Construction for a Stage of Work.

14.	Cultural Advisory Report (a) At least six months prior to the start of detailed design for a Stage of Work, Mana Whenua shall be invited to prepare a Cultural Advisory Report for the project. The objective of the Cultural Advisory Report is to assist in understanding and identifying ngā taonga tuku iho (treasures handed down by our ancestors) affected by the project, to inform their management and protection. (b) To achieve the objective, the Requiring Authority shall invite Mana Whenua to prepare a Cultural Advisory Report that: (i) identifies the cultural sites, landscapes and values that have the potential to be affected by the construction and operation of the project; (ii) sets out the desired outcomes for management of potential effects on cultural sites, landscapes and values; (iii) identifies traditional cultural practices within the area that may be impacted by the project; (iv) identifies opportunities for restoration and enhancement of identified cultural sites, landscapes and values within the project area; (v) taking into account the outcomes of (i) to (iv) above, identify cultural matters and principles that should be considered in the development of the ULDMP (Condition 15) and HHMP (Condition 26) and the CMP referred to in Condition 20; and (vi) identifies and (if possible) nominates traditional names along the project alignment. Noting there may be formal statutory processes outside the project required in any decision-making. (c) The desired outcomes for management of potential effects on cultural sites, landscapes and values identified in the Cultural Advisory Report shall be discussed with Mana Whenua and those outcomes reflected in the relevant management plans where practicable; and (d) Conditions 14(b) and (c) will cease to apply if: (i) Mana Whenua have been invited to prepare a Cultural Advisory Report by a date at least six months prior to the Start of Construction; and (ii) Mana Whenua have not provided a Cultural Advisory Report within six months prior to the Start of Construction.
	Urban and Landscape Design Management Plan (ULDMP)
15.	(a) A ULDMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the ULDMP(s) is to: (i) enable integration of the project's permanent works into the surrounding landscape and urban context; and (ii) ensure that the project manages potential adverse landscape and visual effects as far as practicable and contributes to a quality urban environment. (b) Mana Whenua shall be invited to participate in the development of the ULDMP(s) to provide input into relevant cultural landscape and design matters including how desired outcomes for management of potential effects on cultural sites, landscapes and values identified and discussed in the Cultural Advisory Report in Condition 14 may be reflected in the ULDMP. (c) Relevant Stakeholders shall be invited to participate in the development of the ULDMP at least six months prior to the start of detailed design for a Stage of Work.

16.	(a) To achieve the objective set out in Condition 15, the ULDMP(s) shall provide details of how the project: (i) is designed to integrate with the adjacent urban (or proposed urban) and landscape context, including the surrounding existing or proposed topography, urban environment (eg. centres and density of built form), natural environment, landscape character and open space zones; (ii) provides appropriate walking and cycling connectivity to, and interfaces with, existing or proposed adjacent land uses, public transport infrastructure and walking and cycling connections; (iii) promotes inclusive access (where appropriate); (iv) promotes a sense of personal safety by aligning with best practice guidelines, such as: A. Crime Prevention Through Environmental Design (CPTED) principles; B. Safety in Design (SID) requirements; and C. Maintenance in Design (MID) requirements and anti-vandalism/anti-graffiti measures; (v) has responded to matters identified through the Land use Integration Process (Condition 3); and (b) The ULDMP shall be prepared in general accordance with: (i) Auckland Transport's Urban Roads and Streets Design Guide, or any subsequent or updated version; (ii) New Zealand Transport Agency Urban Design Guidelines: Bridging the Gap (2013) or any subsequent updated version; (iii) New Zealand Transport Agency Landscape Guidelines (2018) or any subsequent updated version; (iv) New Zealand Transport Agency P39 Standard Specification for Highway Landscape Treatments (2013) or any subsequent updated version; and (v) Auckland's Urban Ngahere (Forest) Strategy or any subsequent updated version.

17.	The ULDMP(s) shall include: (a) a concept plan – which depicts the overall landscape and urban design concept, and explain the rationale for the landscape and urban design proposals; (b) developed design concepts, including principles for walking and cycling facilities and public transport; (c) landscape and urban design details – that cover the following: (i) road design – elements such as intersection form, carriageway gradient and associated earthworks contouring including cut and fill batters and the interface with adjacent land uses and existing roads (including slip lanes), benching, spoil disposal sites, median width and treatment, roadside width and treatment; (ii) roadside elements – such as lighting, fencing, wayfinding and signage; (iii) architectural and landscape treatment of all major structures, including bridges and retaining walls; (iv) architectural and landscape treatment of noise barriers; (v) landscape treatment and planting of permanent stormwater control wetlands and swales; (vi) integration of passenger transport; (vii) pedestrian and cycle facilities including paths, road crossings and dedicated pedestrian/ cycle bridges or underpasses; (viii) historic heritage places with reference to the HHMP (Condition 26); and (ix) re-instatement of construction and site compound areas; and (x) features disturbed during construction and intended to be reinstated such as: A. boundary features; B. driveways; C. accessways; and D. fences. (d) the ULDMP shall also include the following planting and maintenance details: (i) planting design details including: A. identification of existing trees and vegetation that will be retained with reference to the TMP (Condition 29) (where relevant) and EMP (Condition 28). Where practicable, mature trees and native vegetation should be retained; B. street trees, shrubs and ground cover suitable for the location; C. treatment of fill slopes to integrate with adjacent land use, streams, riparian margins and open space zones; D. identification of any planting requirements under the EMP (Condition 28) and TMP (Condition 29); E. integration of any planting required by conditions of any resource consents for the project; and F. re-instatement planting of construction and site compound areas as appropriate. (ii) a planting programme including the staging of planting in relation to the construction programme which shall, as far as practicable, include provision for planting within each planting season following completion of each Stage of Work; and (iii) detailed specifications relating to the following: A. weed control and clearance; B. pest animal management (to support plant establishment); C. ground preparation (top soiling and decompaction); D. mulching; and E. plant sourcing and planting, including hydroseeding and grassing, and use of eco-sourced species.
Construction conditions	

18.	Construction Environmental Management Plan (CEMP) (a) A CEMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the CEMP is to set out the management procedures and construction methods to be undertaken to avoid, remedy or mitigate any adverse effects associated with Construction Works as far as practicable. (b) To achieve the objective, the CEMP shall include: (i) the roles and responsibilities of staff and contractors; (ii) details of the site or project manager and the Project Liaison Person, including their contact details (phone and email address); (iii) the Construction Works programmes and the staging approach, and the proposed hours of work; (iv) details of the proposed construction yards including temporary screening when adjacent to residential areas; (v) details of the proposed construction lighting; (vi) methods for controlling dust and the removal of debris and demolition of construction materials from public roads or places; (vii) methods for providing for the health and safety of the general public; (viii) measures to mitigate flood hazard effects such as siting stockpiles out of floodplains, minimising obstruction to flood flows, actions to respond to warnings of heavy rain; (ix) procedures for incident management; (x) location and procedures for the refuelling and maintenance of plant and equipment to avoid discharges of fuels or lubricants to watercourses; (xi) 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; (xii) procedures for responding to complaints about Construction Works; and (xiii) methods for amending and updating the CEMP as required.
19.	Complaints Process (a) At all times during Construction Works, a record of any complaints received about the Construction Works shall be maintained. The record shall include: (i) the date, time and nature of the complaint; (ii) the name, phone number and address of the complainant (unless the complainant wishes to remain anonymous); (iii) measures taken to respond to the complaint (including a record of the response provided to the complainant) or confirmation of no action if deemed appropriate; (iv) the outcome of the investigation into the complaint; and (v) any other activities in the area, unrelated to the project that may have contributed to the complaint, such as non-project construction, fires, traffic accidents or unusually dusty conditions generally. (b) A copy of the complaints record required by this condition shall be made available to the Manager upon request as soon as practicable after the request is made.

20.	Cultural Monitoring Plan (CMP) (a) Prior to the Start of Construction, a CMP shall be prepared by a Suitably Qualified Person(s) identified in collaboration with Mana Whenua. The objective of the CMP is to identify methods for undertaking cultural monitoring to assist with management of any cultural effects during Construction Works. (b) To achieve the objective, the CMP shall include: (i) requirements for formal dedication or cultural interpretation to be undertaken prior to the Start of Construction in areas identified as having significance to Mana Whenua; (ii) requirements and protocols for cultural inductions for contractors and subcontractors; (iii) identification of activities, sites and areas where cultural monitoring is required during particular Construction Works; (iv) identification of personnel to undertake cultural monitoring, including any geographic definition of their responsibilities; and (v) details of personnel to assist with management of any cultural effects identified during cultural monitoring, including implementation of the Accidental Discovery Protocol. (c) If Enabling Works involving soil disturbance are undertaken prior to the Start of Construction, an Enabling Works CMP shall be prepared by a Suitably Qualified Person identified in collaboration with Mana Whenua. This plan may be prepared as a standalone Enabling Works CMP or be included in the main Construction Works CMP. Advice note: Where appropriate, the CMP shall align with the requirements of other conditions of the designation and resource consents for the project which require monitoring during Construction Works.

21.	Construction Traffic Management Plan (CTMP) (a) A CTMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the CTMP is to avoid, remedy or mitigate, as far as practicable, adverse construction traffic effects. (b) To achieve this objective, the CTMP shall include: (i) methods to manage the effects of temporary traffic management activities on traffic; (ii) measures to ensure the safety of all transport users; (iii) the estimated numbers, frequencies, routes and timing of traffic movements, including any specific non-working or non-movement hours to manage vehicular and pedestrian traffic near Education Facilities or to manage traffic congestion; (iv) site access routes and access points for heavy vehicles, the size and location of parking areas for plant, construction vehicles and the vehicles of workers and visitors; (v) identification of detour routes and other methods to ensure the safe management and maintenance of traffic flows, including public transport, pedestrians and cyclists; (vi) methods to maintain access to and within property and/or private roads where practicable, or to provide alternative arrangements when it will not be, including details of how access is managed for loading and unloading of goods; (vii) the management approach to loads on heavy vehicles, including covering loads of fine material, the use of wheel-wash facilities at site exit points and the timely removal of any material deposited or spilled on public roads; (viii) methods that will be undertaken to communicate traffic management measures to affected road users (e.g. residents / public / Stakeholders / emergency services); (ix) details of minimum network performance parameters during the construction phase, including any measures to monitor compliance with the performance parameters; and (x) details of any measures proposed to be implemented in the event of thresholds identified in (ix) being exceeded. (c) Auditing, monitoring and reporting requirements relating to traffic management activities shall be undertaken in accordance with the New Zealand Guide to Temporary Traffic Management (April 2023) or any subsequent version.

22.

Construction Noise Standards

(a) Construction noise shall be measured and assessed in accordance with NZS6803:1999 Acoustics – Construction Noise and shall comply with the noise standards set out in the following table as far as practicable:

Table 22-1 Construction Noise Standards

Day of week	Time period	L _{Aeq} (15min)	L _{AFmax}
Occupied activity sensitive to noise			
Weekday	0630h - 0730h	55 dB	75 dB
	0730h - 1800h	70 dB	85 dB
	1800h - 2000h	65 dB	80 dB
	2000h - 0630h	45 dB	75 dB
Saturday	0630h - 0730h	45 dB	75 dB
	0730h - 1800h	70 dB	85 dB
	1800h - 2000h	45 dB	75 dB
	2000h - 0630h	45 dB	75 dB
Sunday and Public Holidays	0630h - 0730h	45 dB	75 dB
	0730h - 1800h	55 dB	85 dB
	1800h - 2000h	45 dB	75 dB
	2000h - 0630h	45 dB	75 dB
Other occupied buildings			
All	0730h – 1800h	70 dB	
	1800h – 0730h	75 dB	

(b) Where compliance with the noise standards set out in Table 22-1 is not practicable, the methodology in Condition 25 shall apply.

23.

Construction Vibration Standards

(a) Construction vibration shall be measured in accordance with ISO 4866:2010 Mechanical vibration and shock – Vibration of fixed structures – Guidelines for the measurement of vibrations and evaluation of their effects on structures and shall comply with the vibration standards set out in the following table as far as practicable.

Table 23-1 Construction Vibration Standards

Receiver	Details	Category A*	Category B**
Occupied activities sensitive to noise	Night-time 2000h - 0630h	0.3mm/s ppv	2mm/s ppv
	Daytime 0630h - 2000h	2mm/s ppv	5mm/s ppv
Other occupied buildings	Daytime 0630h - 2000h	2mm/s ppv	5mm/s ppv
All other buildings	At all other times	Tables 1 and 3 of DIN4150-3:1999	

* Category A criteria adopted from Rule E25.6.30.1 of the AUP

** Category B criteria based on DIN 4150-3:1999 building damage criteria for daytime

(b) Where compliance with the vibration standards set out in Table 23-1 is not practicable, the methodology in Condition 25 shall apply.

24.	Construction Noise and Vibration Management Plan (CNVMP) (a) A CNVMP shall be prepared prior to the Start of Construction for Stage of Work. A CNVMP shall be implemented during the Stage of Work to which it relates. The objective of the CNVMP is to provide a framework for the development and implementation of the Best Practicable Option for the management of construction noise and vibration effects to achieve the construction noise and vibration standards set out in Conditions 22 and 23 to the extent practicable. (b) To achieve the objective, the CNVMP shall be prepared in accordance with Annex E2 of the New Zealand Standard NZS6803:1999 'Acoustics – Construction Noise' (NZS6803:1999) and shall as a minimum, address the following: (i) description of the works and anticipated equipment/processes; (ii) hours of operation, including times and days when construction activities would occur; (iii) the construction noise and vibration standards for the project; (iv) identification of receivers where noise and vibration standards apply; (v) a hierarchy of management and mitigation options, including any requirements to limit night works and works during other sensitive times, including Sundays and public holidays as far as practicable; (vi) methods and frequency for monitoring and reporting on construction noise and vibration; (vii) procedures for communication and engagement with nearby residents and Stakeholders, including notification of proposed construction activities, the period of construction activities, and management of noise and vibration complaints; (viii) contact details of the Project Liaison Person; (ix) procedures for the regular training of the operators of construction equipment to minimise noise and vibration as well as expected construction site behaviours for all workers; (x) procedures and requirements for the preparation of a Schedule to the CNVMP (Schedule) for those areas where compliance with the noise Condition 22 and/or vibration standards Condition 23 Category B will not be practicable; (xi) identification of trigger levels for undertaking building condition surveys, which shall be Category B day time levels; (xii) procedures and trigger levels for undertaking building condition surveys before and after works to determine whether any cosmetic or structural damage has occurred as a result of construction vibration; (xiii) methodology and programme of desktop and field audits and inspections to be undertaken to ensure that the CNVMP, Schedules and the Best Practicable Option for management of effects are being implemented; and (xiv) requirements for review and update of the CNVMP.

25.	Schedule to a CNVMP (a) A Schedule to the CNVMP (Schedule) shall be prepared prior to the Start of Construction of an activity to which it relates by a Suitably Qualified Person, in consultation with the owners and occupiers of sites subject to the Schedule, when: (i) construction noise is either predicted or measured to exceed the noise standards in Condition 22, except where the exceedance of the L_{Aeq} criteria is no greater than 5 decibels and does not exceed: A. 0630 – 2000: 2 periods of up to 2 consecutive weeks in any 2 months; or B. 2000 - 0630: 1 period of up to 2 consecutive nights in any 10 days; (ii) construction vibration is either predicted or measured to exceed the Category B standard at the receivers in Condition 23. (b) The objective of the Schedule is to set out the Best Practicable Option measures to manage noise and/or vibration effects of the construction activity beyond those measures set out in the CNVMP. (c) To achieve the objective, the Schedule shall include details such as: (i) construction activity location, start and finish dates; (ii) the nearest neighbours to the construction activity; (iii) the predicted noise and/or vibration level for all receivers where the levels are predicted or measured to exceed the applicable standards and predicted duration of the exceedance; (iv) for works proposed between 2000h and 0630h, the reasons why the proposed works must be undertaken during these hours and why they cannot be practicably undertaken during the daytime; (v) the proposed mitigation options that have been selected, and the options that have been discounted as being impracticable and the reasons why; (vi) the consultation undertaken with owners and occupiers of sites subject to the Schedule, and how consultation has and has not been taken into account; and (vii) location, times and types of monitoring. (d) The Schedule shall be submitted to the Manager for Certification at least five working days (except in unforeseen circumstances) in advance of Construction Works that are covered by the scope of the Schedule and shall form part of the CNVMP. (e) The CNVMP Schedule shall be deemed certified five working days from the submission of the CNVMP Schedule where no written confirmation of Certification has been received. (f) Where material changes are made to a Schedule required by this condition, the Requiring Authority shall consult the owners and/or occupiers of sites subject to the Schedule prior to submitting the amended Schedule to the Manager for Certification in accordance with (d) above. The amended Schedule shall document the consultation undertaken with those owners and occupiers, and how consultation outcomes have and have not been taken into account.

26.	Historic Heritage Management Plan (HHMP) (a) A HHMP shall be prepared in consultation with Council, HNZPT and Mana Whenua prior to the Start of Construction for a Stage of Work. The objective of the HHMP is to protect historic heritage and to remedy and mitigate any residual effects as far as practicable. (b) To achieve the objective, the HHMP shall identify: (i) any adverse direct and indirect effects on historic heritage sites and measures to appropriately avoid, remedy or mitigate any such effects, including a tabulated summary of these effects and measures; (ii) methods for the identification and assessment of potential historic heritage places within the designation to inform detailed design; (iii) known historic heritage places and potential archaeological sites within the designation, including identifying any archaeological sites for which an Archaeological Authority under the HNZPTA will be sought or has been granted; (iv) any unrecorded archaeological sites or post-1900 heritage sites within the designation, which shall also be documented and recorded; (v) roles, responsibilities and contact details of project personnel, Council and HNZPT representatives, Mana Whenua representatives, and relevant agencies involved with heritage and archaeological matters including surveys, monitoring of Construction Works, compliance with AUP accidental discovery rule, and monitoring of conditions; (vi) specific areas to be investigated, monitored and recorded to the extent these are directly affected by the project; (vii) the proposed methodology for investigating and recording post-1900 historic heritage sites (including buildings) that need to be destroyed, demolished or relocated, including details of their condition, measures to mitigate any adverse effects and timeframe for implementing the proposed methodology, in accordance with the HNZPT Archaeological Guidelines Series No.1: Investigation and Recording of Buildings and Standing Structures (November 2018), or any subsequent version; (viii) methods to acknowledge cultural values identified through Condition 14 where archaeological sites also involve ngā taonga tuku iho (treasures handed down by our ancestors) and where feasible and practicable to do so; (ix) methods for avoiding, remedying or mitigating adverse effects on historic heritage places and sites within the designation during Construction Works as far as practicable. These methods shall include, but are not limited to: A. security fencing or hoardings around historic heritage places to protect them from damage during construction or unauthorised access; B. measures to mitigate adverse effects on historic heritage sites that achieve positive historic heritage outcomes such as increased public awareness and interpretation signage; and C. training requirements and inductions for contractors and subcontractors on historic heritage places within the designation, legal obligations relating to unexpected discoveries and the AUP Accidental Discovery Rule (E11.6.1). The training shall be undertaken prior to the Start of Construction, under the guidance of a Suitably Qualified Person and Mana Whenua representatives (to the extent the training relates to cultural values identified under Condition 14). Advice note: Accidental Discoveries The requirements for accidental discoveries of heritage items are set out in Rule E11.6.1 of the AUP.

27.	Pre-Construction Ecological Survey (a) At the start of detailed design for a Stage of Work, an updated ecological survey shall be undertaken in the relevant geographic area by a Suitably Qualified Person. The purpose of the survey is to inform ecological management by: (i) confirming whether the species of value within the Identified Biodiversity Areas recorded in the Identified Biodiversity Area Schedule 3 are still present; and (ii) confirming whether the project will or is likely to have a moderate or greater level of ecological effect on species of value (prior to implementation of impact management measures). The level of effect shall be determined in accordance with Table 10 of the EIANZ Guidelines (or subsequent updated version of that table) as included in Schedule 4 of these conditions. (b) If the ecological survey confirms the presence of ecological species of value in accordance with Condition 27(a)(i) and that effects are likely in accordance with Condition 27(a)(ii) then an Ecological Management Plan (or Plans) shall be prepared in accordance with Condition 28 for these areas (Confirmed Biodiversity Areas).

28.	Ecological Management Plan (EMP) (a) An EMP shall be prepared for any Confirmed Biodiversity Areas (confirmed through Condition 27) prior to the Start of Construction for a Stage of Work. The objective of the EMP is to minimise effects of the project on the ecological features of value in Confirmed Biodiversity Areas as far as practicable. (b) If an EMP is required in accordance with (a) for the presence of long tail bats, the EMP may include the following to achieve the objective: (i) measures to minimise as far as practicable, disturbance from construction activities within 50m of any active long tail bat roosts that are discovered through survey until such roosts are confirmed to be vacant of bats; (ii) timing of any Construction Works within 50m of any active maternity long tail bat roosts. Those Construction Works shall be undertaken outside the bat maternity period (between December and March) where reasonably practicable; (iii) details of areas where vegetation is to be retained and where additional planting is proposed to be provided and maintained for the purposes of the connectivity of long tail bat habitats; and (iv) details of measures to minimise any operational disturbance from light spill. (c) If an EMP is required in accordance with (a) for the presence of Threatened or At-Risk birds (excluding wetland birds), the EMP may include the following to achieve the objective: (i) timing of any Construction Works which may have adverse effects on Threatened or At-Risk birds (excluding wetland birds). Those Construction Works shall be undertaken outside the bird breeding season (September to February) where practicable; and (ii) where works are required within the area identified in the Confirmed Biodiversity Area during the bird breeding season, methods to minimise adverse effects on Threatened or At-Risk birds. (d) If an EMP is required in accordance with (a) for the presence of Threatened or At-Risk wetland birds, the EMP may include the following to achieve the objective: (i) details of any nesting bird surveys of Threatened or At-Risk wetland birds. Nesting bird surveys shall be undertaken within any wetland that is both within a Confirmed Biodiversity Area and located within a 50m radius of Construction Works. Surveys shall be undertaken prior to any such works taking place and repeated at the beginning of each wetland bird breeding season until the Completion of Construction; (ii) timing of any Construction Works which may have adverse effects on Threatened or At-Risk wetland birds. Those Construction Works shall be undertaken outside of the bird breeding season (September to February) where practicable; (iii) where works are required within the Confirmed Biodiversity Area during the bird breeding season, methods to minimise adverse effects on Threatened or At-Risk wetland birds; and (iv) details of what protection and buffer measures are proposed to manage effects on nesting Threatened or At-Risk wetland birds identified through a survey undertaken in accordance with Condition (d)(i). Proposed measures shall address: A. the type, intensity and duration of construction activity; B. the likely sensitivity of the nesting bird species to the construction activity; and C. any environmental features (e.g., vegetation and contour) that could influence the extent of potential adverse effects on the Threatened or At-Risk wetland birds. (v) details of measures to minimise any operational disturbance from light spill. (e) The EMP shall be consistent with any ecological management measures to be undertaken in compliance with conditions of any regional resource consents granted for the project. Advice note:

	Depending on the potential effects of the project, the regional consents for the project may include the following monitoring and management plans: (i) stream and/or wetland restoration plans; (ii) vegetation restoration plans; and (iii) fauna management plans (e.g. avifauna).

29.	Tree Management Plan (TMP) (a) Prior to the Start of Construction for a Stage of Work, a TMP shall be prepared. The objective of the TMP is to avoid, remedy or mitigate effects of construction activities on trees identified in Schedule 5. (b) To achieve the objective, the TMP shall: (i) confirm that the trees listed in Schedule 5 still exist; and (ii) demonstrate how the design and location of project works has avoided, remedied or mitigated any effects on any tree listed in Schedule 5. This may include: A. any opportunities to relocate listed trees where practicable; B. planting to replace trees that require removal (with reference to the ULDMP planting design details in Condition 17); C. tree protection zones and tree protection measures such as protective fencing, ground protection and physical protection of roots, trunks and branches; and D. methods for work within the rootzone of trees that are to be retained in line with accepted arboricultural standards including provision of kauri dieback management measures. (iii) demonstrate how the tree management measure (outlined in A – D above) are consistent with any relevant conditions of resource consents granted for the project. (c) Where replacement planting of any tree listed in Schedule 5 is required under (b)(ii)(B) it shall be at a ratio of 2:1 for Single Trees and a minimum of like for like (in m²) for Group of Trees.
30.	Network Utility Management Plan (NUMP) (a) A NUMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the NUMP is to set out a framework for protecting, relocating and working in proximity to existing network utilities. (b) To achieve the objective, the NUMP shall include methods to: (i) provide access for maintenance at all reasonable times, or emergency works at all times during construction activities; (ii) protect and where necessary, relocate existing network utilities; (iii) manage the effects of dust and any other material potentially resulting from construction activities and able to cause material damage, beyond normal wear and tear to overhead transmission lines in the project area; (iv) demonstrate compliance with relevant standards and Codes of Practice including, where relevant, the NZECP 34:2001 New Zealand Electrical Code of Practice for Electrical Safe Distances 2001; AS/NZS 4853:2012 Electrical hazards on Metallic Pipelines, and AS/NZS 2885 Pipelines – Gas and Liquid Petroleum. (c) The NUMP shall be prepared in consultation with the relevant Network Utility Operator(s) who have existing assets that are directly affected by the project. (d) The development of the NUMP shall consider opportunities to coordinate future work programmes with other Network Utility Operator(s) during detailed design where practicable. (e) The NUMP shall describe how any comments from the Network Utility Operator in relation to its assets have been addressed. (f) Any comments received from the Network Utility Operator shall be considered when finalising the NUMP. (g) Any amendments to the NUMP related to the assets of a Network Utility Operator shall be prepared in consultation with that asset owner.

31.	Network Integration Management Plan (NIMP) (a) At least six months prior to the start of detailed design for a Stage of Work, the Requiring Authority shall prepare, in collaboration with other relevant road controlling authorities, a NIMP. (b) The objective of the NIMP is to identify how the project will integrate with the planned transport network in the North Growth Area to achieve an effective, efficient and safe land transport system. To achieve this objective, the NIMP shall include details of the: (i) project implementation approach and any staging of the project, including both design, management and operational matters; and (ii) sequencing of the project with the planned transport network, including both design, management and operational matters.
Operational conditions	

32.	Low Noise Road Surface (a) Asphaltic concrete surfacing (or equivalent low noise road surface) shall be implemented within 12 months of Completion of Construction of the project. (b) The asphaltic concrete surface shall be maintained as far as practicable to retain the noise reduction performance of the surface established in accordance with (a), unless Condition 33 applies.
33.	Future Resurfacing Work (a) Any future resurfacing works of the project shall be undertaken in accordance with the Auckland Transport Reseal Guidelines, Asset Management and Systems 2013 or any updated version and asphaltic concrete surfacing (or equivalent low noise road surface) shall be implemented where: (i) the volume of traffic exceeds 10,000 vehicles per day; (ii) the road is subject to high wear and tear (such as cul de sac heads, roundabouts and main road intersections); (iii) it is in an industrial or commercial area where there is a high concentration of truck traffic; or (iv) it is subject to high usage by pedestrians, such as town centres, hospitals, shopping centres and schools. (b) Prior to commencing any future resurfacing works, the Requiring Authority shall advise the Manager if any of the triggers in Condition 33(a)(i) – (iv) are not met by the road or a section of it and therefore where the application of asphaltic concrete surfacing (or equivalent low noise road surface) is no longer required on the road or a section of it. Such advice shall also indicate when any resealing is to occur.
	Traffic Noise For the purposes of Conditions 34 to 39: (a) Building-Modification Mitigation – has the same meaning as in NZS 6806; (b) Design year has the same meaning as in NZS 6806; (c) Detailed Mitigation Options – means the fully detailed design of the Selected Mitigation Options, with all practical issues addressed; (d) Habitable Space – has the same meaning as in NZS 6806; (e) Identified Noise Criteria Category – means the Noise Criteria Category for a PPF identified in Schedule 6: Identified PPFs Noise Criteria Categories; (f) Mitigation – has the same meaning as in NZS 6806:2010 Acoustics – Road-traffic noise – New and altered roads; (g) Noise Criteria Categories – means the groups of preference for sound levels established in accordance with NZS 6806 when determining the Best Practicable Option for noise mitigation (i.e. Categories A, B and C); (h) NZS 6806 – means New Zealand Standard NZS 6806:2010 Acoustics – Road-traffic noise – New and altered roads; (i) Protected Premises and Facilities (PPFs) – means only the premises and facilities identified in Schedule 6: Identified PPFs Noise Criteria Categories; (j) Selected Mitigation Options – means the preferred mitigation option resulting from a Best Practicable Option assessment undertaken in accordance with NZS 6806 taking into account any low noise road surface to be implemented in accordance with Condition 32; and (k) Structural Mitigation – has the same meaning as in NZS 6806.
34.	The Noise Criteria Categories identified in Schedule 6: Identified PPFs Noise Criteria Categories at each of the PPFs shall be achieved where practicable and subject to Conditions 34 to 39 (all traffic noise conditions). The Noise Criteria Categories do not need to be complied with at a PPF where: (a) the PPF no longer exists; or (b) agreement of the landowner has been obtained confirming that the Noise Criteria Category does not need to be met. Achievement of the Noise Criteria Categories for PPFs shall be by reference to a traffic forecast for a high growth scenario in a design year at least 10 years after the programmed opening of the project.

35.	As part of the detailed design of the project, a Suitably Qualified Person shall determine the Selected Mitigation Options for the PPFs identified on Schedule 6: Identified PPFs Noise Criteria Categories. For the avoidance of doubt, the low noise road surface implemented in accordance with Condition 32 may be (or be part of) the Selected Mitigation Option(s).
36.	Prior to the Start of Construction of the project, a Suitably Qualified Person shall develop the Detailed Mitigation Options for the PPFs identified in Schedule 6: Identified PPFs Noise Criteria Categories, taking into account the Selected Mitigation Options.
37.	If the Detailed Mitigation Options would result in the Identified Noise Criteria Category changing to a less stringent Category, e.g. from Category A to B or Category B to C, at any relevant PPF, a Suitably Qualified Person shall provide confirmation to the Manager that the Detailed Mitigation Option would be consistent with adopting the Best Practicable Option in accordance with NZS 6806 prior to implementation.
38.	The Detailed Mitigation Options shall be implemented prior to Completion of Construction of the project, with the exception of any low-noise road surfaces, which shall be implemented within 12 months of Completion of Construction.
39.	Any barriers required by the Detailed Mitigation Options shall be maintained so they retain their noise reduction performance as far as practicable.

Attachments

Schedule 1: General Accordance Plans and Information

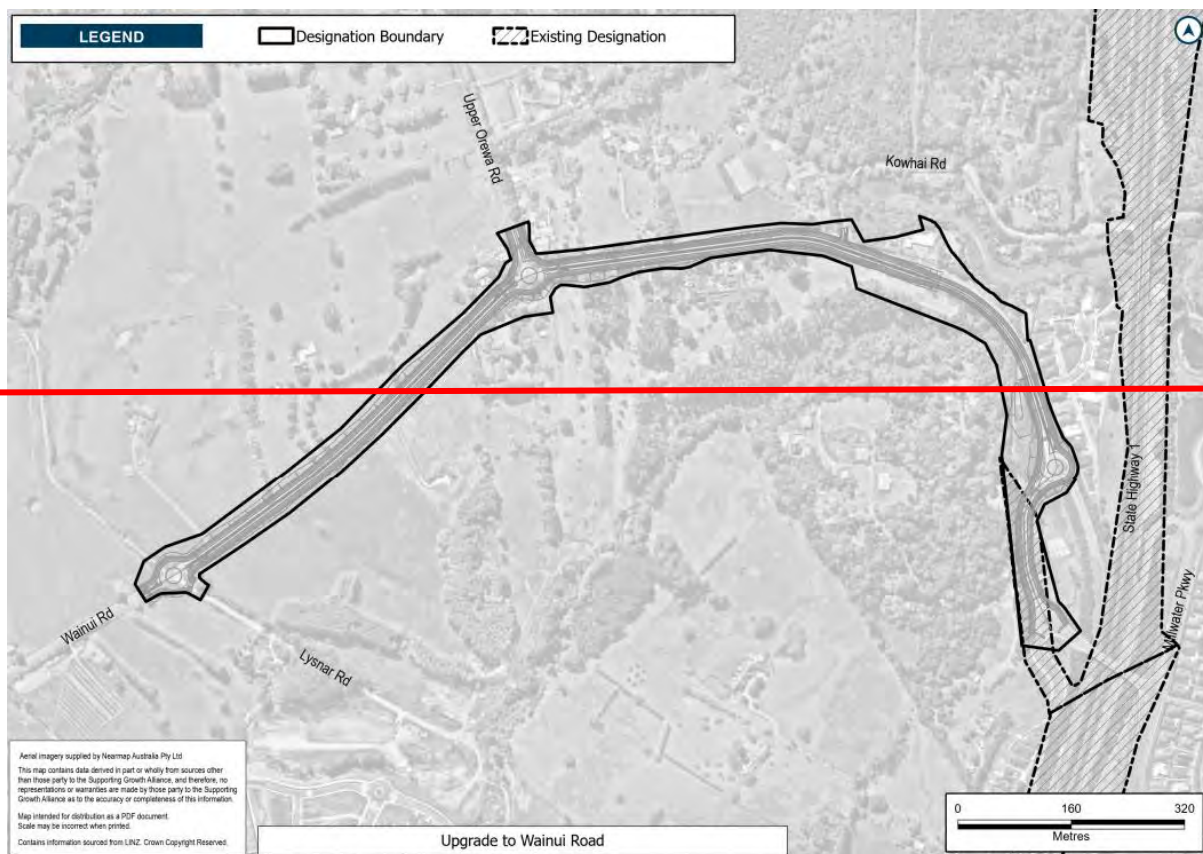
Project Description

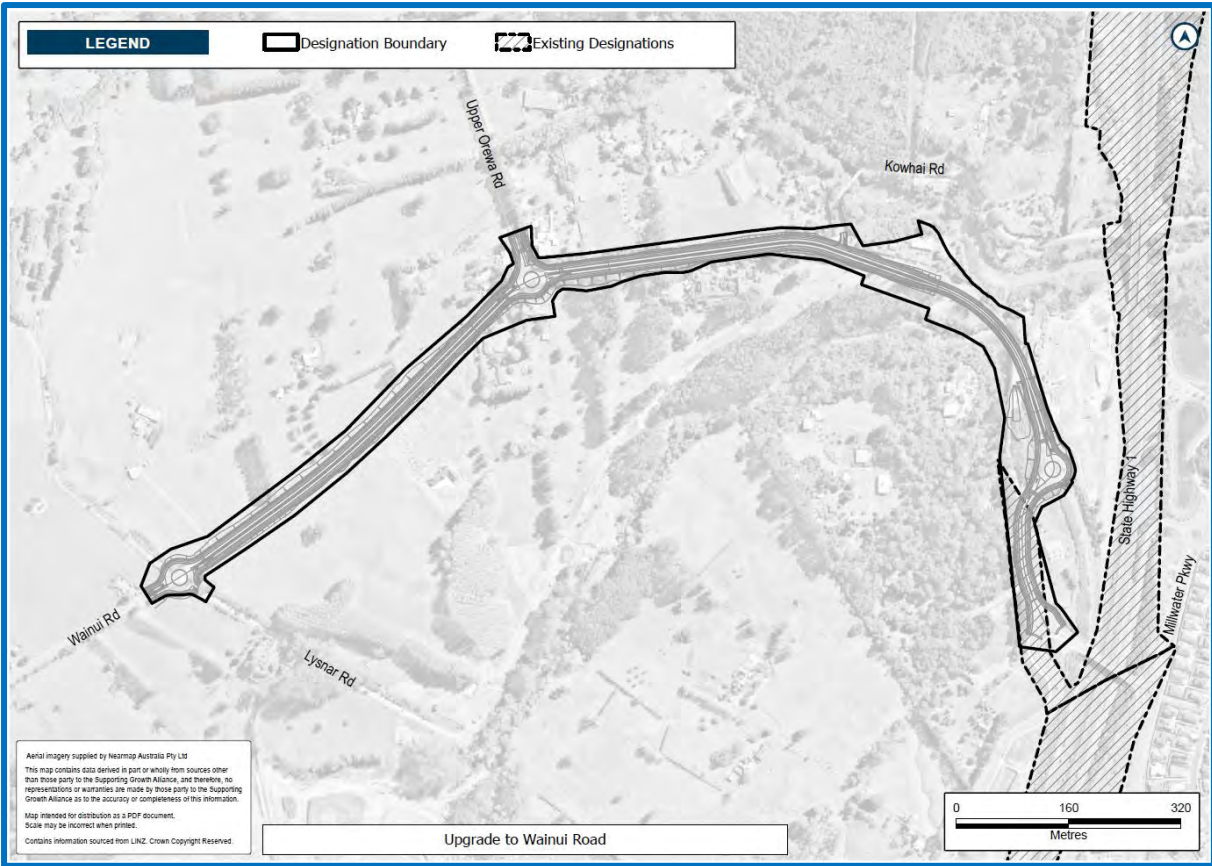
The proposed work is the construction, operation and maintenance of an upgrade to Wainui Road to an urban arterial corridor between Lysnar Road, Wainui, and the State Highway 1 northbound Wainui Road offramp, including active mode facilities and associated infrastructure.

The proposed work is shown in the following Concept Plan and includes:

- Upgrading the corridor to an urban arterial with walking and cycling facilities.
- Tie-ins with existing roads and localised widening around the existing intersections to accommodate new intersection forms.
- New or upgraded stormwater management systems, bridges and culverts (where applicable).
- Batter slopes, and associated cut and fill earthworks.
- Vegetation removal.
- Other construction related activities required outside the permanent corridor including the re-grade of driveways, construction traffic manoeuvring and construction laydown areas.

Concept Plan

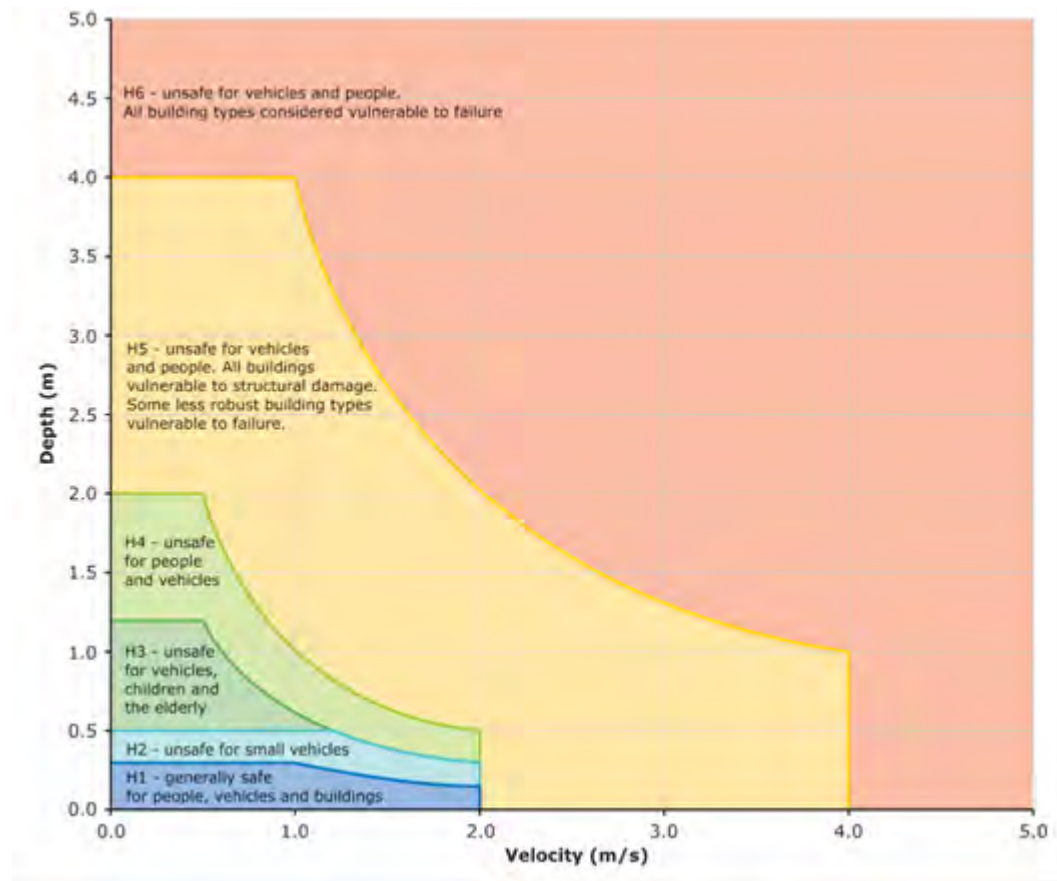




Schedule 2 – Flood Hazard Class

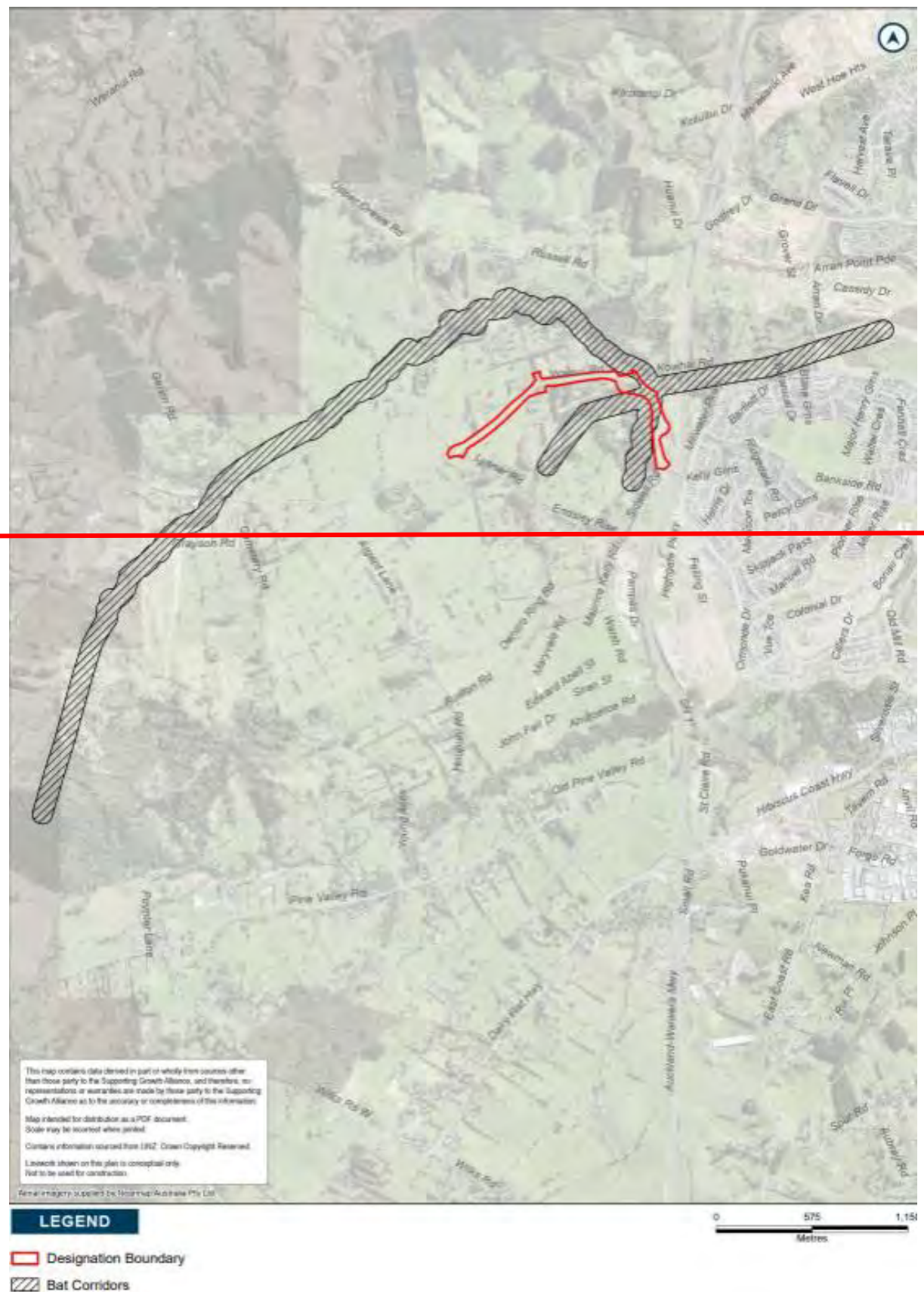
The combined flood hazard curves shown below set hazard thresholds that relate to the vulnerability of the community when interacting with floodwaters. The combined curves are divided into hazard classifications that relate to specific vulnerability thresholds

The vulnerability thresholds identified in the flood hazard curves can be applied to the best description of flood behaviour available for a subject site. In this regard, the hazard curves can be applied equally to flood behaviour estimates from measured data, simpler 1D numerical modelling approaches, through to complex 2D model estimates with the level of accuracy and uncertainty of the flood hazard estimate linked to the method used to derive the flood behaviour estimate.



Source: Australian Rainfall and Runoff, Book 6, 2019

Schedule 3: Identified Biodiversity Areas

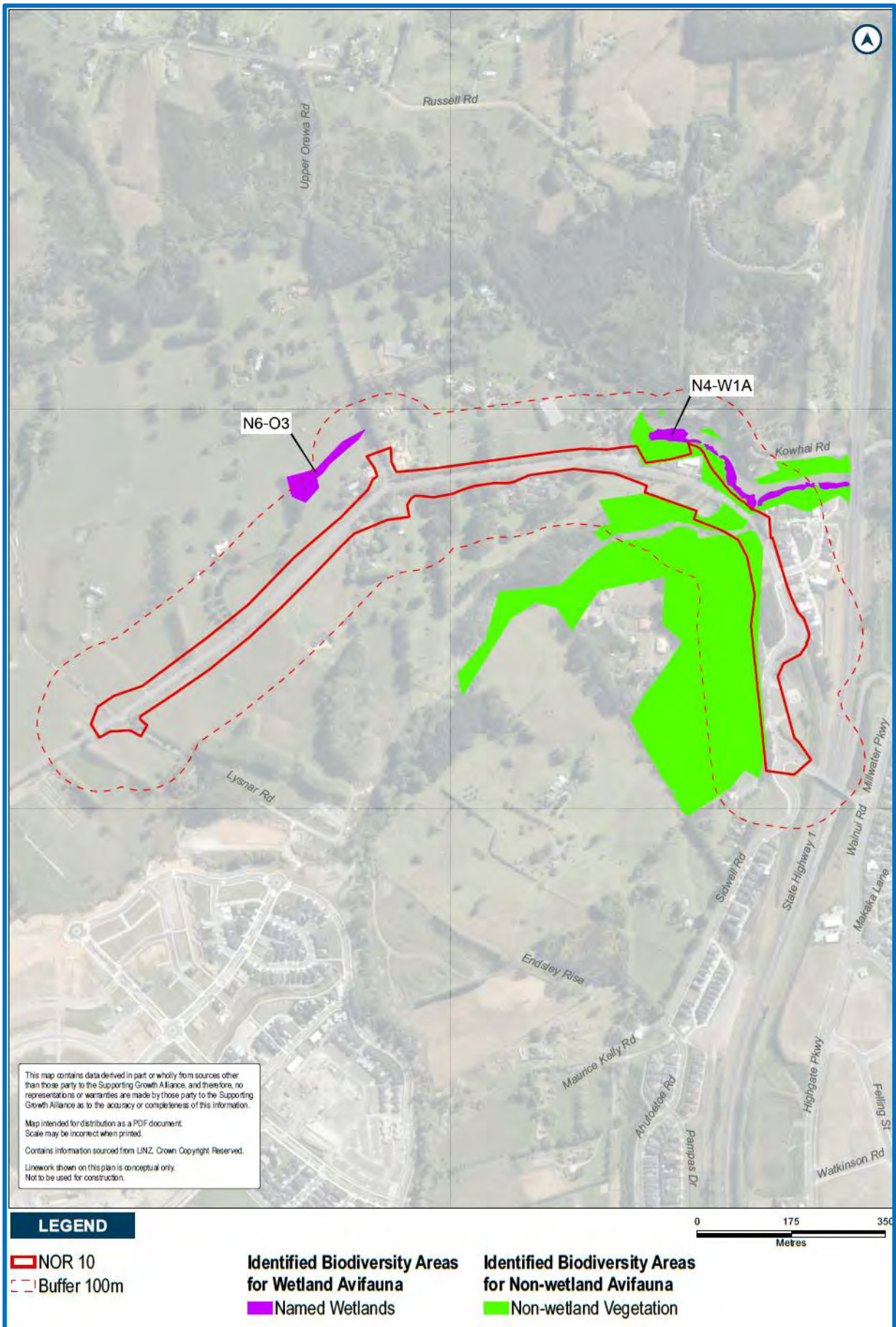




LEGEND

 Designation Boundary	Identified Biodiversity Areas for Wetland Avifauna	Identified Biodiversity Areas for Non-wetland Avifauna
 Buffer: 100m	 Named Wetlands	 Non-wetland Vegetation

0 175 350
Metres



Schedule 4: Table 10 of the 2018 EIANZ Guidelines

Criteria for describing level of effects (Adapted from Regini (2000) and Boffa Miskell (2011))

Ecological Value → Magnitude ↓	Very high	High	Moderate	Low	Negligible
Very high	Very high	Very high	High	Moderate	Low
High	Very high	Very high	Moderate	Low	Very low
Moderate	High	High	Moderate	Low	Very low
Low	Moderate	Low	Low	Very low	Very low
Negligible	Low	Very low	Very low	Very low	Very low
Positive	Net gain	Net gain	Net gain	Net gain	Net gain

Schedule 5: Trees to be included in the Tree Management Plan

Tree number	Vegetation type	Protection	Location	Species	Age
1011	Poplar	Road Reserve (adjacent to open space)	Corner of Wainui Road and Lysnar Road	Hybrid Poplar (<i>Populus sp.</i>)	Semi-mature
1012	Poplar	Road Reserve (adjacent to open space)	Corner of Wainui Road and Lysnar Road	Hybrid Poplar (<i>Populus sp.</i>)	Semi-mature



Schedule 6: Identified PPFs Noise Criteria Categories

Address	New or Altered Road	Noise Criteria Category
379 Wainui Road	Altered	A
411 Wainui Road	Altered	A
406 Wainui Road	Altered	A
480 Wainui Road	Altered	A
330 Wainui Road	Altered	A
315 Wainui Road	Altered	A
362 Wainui Road	Altered	A
20 Kowhai Road	Altered	A
440 Wainui Road	Altered	A
42 Kowhai Road	Altered	A
411 Wainui Road	Altered	A
37 Kowhai Road	Altered	A
427 Wainui Road	Altered	A
295 Wainui Road	Altered	A
392 Wainui Road	Altered	A
297 Wainui Road	Altered	A
16 Lysnar Road	Altered	A
293A Wainui Road	Altered	A
500 Wainui Road	Altered	A
293B Wainui Road	Altered	A
293 Wainui Road	Altered	A

Appendix B - NoR 10 conditions (clean)

[XXXX] Upgrade to Wainui Road

Designation Number	[XXXX]
Requiring Authority	Auckland Transport
Location	Wainui Road between Lysnar Road in Wainui and the State Highway 1 northbound Wainui Road offramp
Lapse Date	In accordance with section 184(1)(c) of the RMA, this designation shall lapse if not given effect to within 20 years from the date on which it is included in the AUP.

Purpose

The construction, operation and maintenance of an upgrade to Wainui Road to an arterial transport corridor and associated facilities.

Conditions

Abbreviations and definitions

Acronym/Term	Definition
Activity sensitive to noise	Any dwelling, visitor accommodation, boarding house, marae, papakāinga, integrated residential development, retirement village, supported residential care, care centre, lecture theatre in a tertiary Education Facility, classroom in an Education Facility and healthcare facility with an overnight stay facility
AUP	Auckland Unitary Plan
BPO or Best Practicable Option	Has the same meaning as in section 2 of the RMA 1991
CEMP	Construction Environmental Management Plan
Certification of material changes to management plans	Confirmation from the Manager that a material change to a management plan has been prepared in accordance with the condition to which it relates. A material change to a management plan shall be deemed certified: (a) where the Requiring Authority has received written confirmation from the Manager that the material change to the management plan is certified; or (b) 10 working days from the submission of the material change to the management plan where no written confirmation of certification has been received
CMP	Cultural Monitoring Plan
CNVMP	Construction Noise and Vibration Management Plan
CNVMP Schedule or Schedule	A schedule to the CNVMP
Completion of Construction	When construction of the project (or part of the project) is complete and it is available for use
Confirmed Biodiversity Areas	Areas recorded in the Identified Biodiversity Area Schedule where the ecological values and effects have been confirmed through the ecological survey under Condition 27
Construction Works	Activities undertaken to construct the project excluding Enabling Works
Council	Auckland Council
CTMP	Construction Traffic Management Plan

Developer	Any legal entity that intends to master plan or develop land adjacent to the designation
Development Agency	Public entities involved in development projects
Education Facility	Facility used for education to secondary level. Includes: - schools and outdoor education facilities; and - accommodation, administrative, cultural, religious, health, retail and communal facilities accessory to the above. Excludes: - care centres; and - tertiary education facilities.
EIANZ Guidelines	Ecological Impact Assessment: EIANZ Guidelines for use in New Zealand: terrestrial and freshwater ecosystems, second edition, dated May 2018
EMP	Ecological Management Plan
Enabling Works	Includes, but is not limited to, the following and similar activities: - geotechnical investigations (including trial embankments); - archaeological site investigations; - formation of access for geotechnical investigations; - establishment of site yards, site entrances and fencing; - constructing and sealing site access roads; - demolition or removal of buildings and structures; - relocation of services; and - establishment of mitigation measures (such as erosion and sediment control measures, temporary noise walls, earth bunds and planting)
HHMP	Historic Heritage Management Plan
HNZPT	Heritage New Zealand Pouhere Taonga
HNZPTA	Heritage New Zealand Pouhere Taonga Act 2014
Identified Biodiversity Area	Means an area or areas of features of ecological value where the project ecologist has identified that the project will potentially have a moderate or greater level of ecological effect, prior to implementation of impact management measures, as determined in accordance with the EIANZ Guidelines
Manager	The Manager – Resource Consents of the Auckland Council, or authorised delegate
Mana Whenua	Mana Whenua as referred to in the conditions are considered to be, but not limited to, the following (in no particular order), who at the time of Notice of Requirement expressed a desire to be involved in the project: - Ngāti Manuhiri - Te Kawerau ā Maki - Te Ākitai Waiohū - Ngāti Whanaunga - Te Runanga o Ngāti Whātua - Ngāti Maru - Te Patu Kirikiri - Ngāti Whātua o Kaipara - Ngāti Tamaterā - Ngai Tai ki Tāmaki - Ngāti Paoa Iwi Trust - Ngāti Paoa Trust Board Note: other iwi not identified above may have an interest in the project and should be consulted
Network Utility Operator	Has the same meaning as set out in section 166 of the RMA
NIMP	Network Integration Management Plan

NoR	Notice of Requirement
North Growth Area	Land for future urban development in the North of Auckland, including Future Urban zoned areas in Ara Hills, Ōrewa, Wainui East, Silverdale West, Redvale and Dairy Flat
NUMP	Network Utilities Management Plan
Outline Plan	An outline plan prepared in accordance with section 176A of the RMA
Project Liaison Person	The person or persons appointed for the duration of the project's Construction Works to be the main point of contact for persons wanting information about the project or affected by the Construction Works
Protected Premises and Facilities (PPF)	Protected Premises and Facilities as defined in New Zealand Standard NZS 6806:2010: <i>Acoustics – Road-traffic noise – New and altered roads</i>
Requiring Authority	Has the same meaning as section 166 of the RMA and, for this designation is Auckland Transport
RMA	Resource Management Act 1991
SCEMP	Stakeholder Communication and Engagement Management Plan
Stakeholder	Stakeholders to be identified in accordance with Condition 4, which may include as appropriate: (a) adjacent owners and occupiers; (b) adjacent business owners and operators; (c) central and local government bodies; (d) community groups; (e) developers; (f) development agencies; (g) Education Facilities; and (h) Network Utility Operators.
Stage of Work	Any physical works that require the development of an Outline Plan
Start of Construction	The time when Construction Works (excluding Enabling Works) start
Suitably Qualified Person	A person (or persons) who can provide sufficient evidence to demonstrate their suitability, experience and competence in the relevant field of expertise.
TMP	Tree Management Plan
ULDMP	Urban and Landscape Design Management Plan

General conditions	
1.	Activity in General Accordance with Plans and Information (a) Except as provided for in the conditions below, and subject to final design and Outline Plan(s), works within the designation shall be undertaken in general accordance with the project description and concept plan in Schedule 1. (b) Where there is inconsistency between: (i) the project description and concept plan in Schedule 1 and the requirements of the following conditions, the conditions shall prevail; (ii) the project description and concept plan in Schedule 1, and the management plans under the conditions of the designation, the requirements of the management plans shall prevail.
2.	Project Information (a) A project website, or equivalent virtual information source, shall be established as soon as reasonably practicable, and within six months of the inclusion of this designation in the AUP. This shall be updated as required so it remains current. (b) All directly affected owners and occupiers shall be notified in writing as soon as reasonably practicable once the website or equivalent information source has been established. The project website or virtual information source shall include these conditions and shall provide information on: (i) the status of the project; (ii) anticipated construction timeframes; (iii) contact details for enquiries; (iv) the implications of the designation for landowners, occupiers and business owners and operators within the designation and where they can receive additional advice; (v) a subscription service to enable receipt of project updates by email; (vi) the types of activities that can be undertaken by landowners without the need for written consent to be obtained under s176(1)(b) of the RMA; and (vii) when and how to apply for consent for works in the designation under section 176(1)(b) of the RMA. (c) At ten yearly intervals from the inclusion of this designation in the AUP until the start of detailed design, the Requiring Authority shall identify appropriate methods with the relevant Local Board(s) to: (i) inform the wider community of the project status; and (ii) raise awareness of the project website. (d) At the start of detailed design for a Stage of Work, the project website or virtual information source shall be updated to provide information on the likely date for Start of Construction, and any Staging of Works.

3.	Land use Integration Process (a) The Requiring Authority shall set up a Land use Integration Process for the period between confirmation of the designation and the Start of Construction. The purpose of this process is to encourage and facilitate the integration of master planning and land use development activity on land directly affected or adjacent to the designation. To achieve this purpose: (i) the Requiring Authority shall include the contact details of a nominated contact on the project website (or equivalent information source) required to be established by Condition 2(b)(iii); and (ii) the nominated contact shall be the main point of contact for a Developer or Development Agency wanting to work with the Requiring Authority to integrate their development plans or master planning with the designation. (b) At any time prior to the Start of Construction, the nominated contact will be available to engage with a Developer or Development Agency for the purpose of: (i) responding to requests made to the Requiring Authority for information regarding design details that could assist with land use integration; and (ii) receiving information from a Developer or Development Agency regarding master planning or land development details that could assist with land use integration. (c) Information requested or provided under Condition 3(b) above may include but not be limited to the following matters: (i) design details including but not limited to: A. boundary treatment (e.g. the use of retaining walls or batter slopes); B. the horizontal and vertical alignment of the road (levels); C. potential locations for mid-block crossings; D. integration of stormwater infrastructure; and E. traffic noise modelling contours. (ii) potential modifications to the extent of the designation in response to information received through Condition 3(b)(ii); (iii) a process for the Requiring Authority to undertake a technical review of or provide comments on any master planning or development proposal advanced by the Developer or Development Agency as it relates to integration with the project; and (iv) details of how to apply for written consent from the Requiring Authority for any development proposal that relates to land that is within the designation under section 176(1)(b) of the RMA. (d) Where information is requested from the Requiring Authority and is available, the nominated contact shall provide the information unless there are reasonable grounds for not providing it. (e) The nominated contact shall maintain a record of the engagement between the Requiring Authority and Developers and Development Agencies for the period following the date in which this designation is included in the AUP through to the Start of Construction for a Stage of Work. The record shall include: (i) details of any requests made to the Requiring Authority that could influence detailed design, the results of any engagement and, where such requests that could influence detailed design are declined, the reasons why the Requiring Authority has declined the requests; and (ii) details of any requests to co-ordinate the forward work programme, where appropriate, with Development Agencies and Network Utility Operators. (f) The record shall be submitted to Council for information 10 working days prior to the Start of Construction for a Stage of Work.

4.	Stakeholder Communication and Engagement Design (a) At least six months prior to the start of detailed design for a Stage of Work, the Requiring Authority shall identify: (i) a list of Stakeholders; (ii) a list of properties within the designation which the Requiring Authority does not own or have occupation rights to; and (iii) methods to engage with Stakeholders and the owners and occupiers of properties identified in (a)(i) – (ii) above. (b) A record of (a) shall be submitted to the Manager for information with an Outline Plan for the relevant Stage of Work.
5.	Designation Review As soon as reasonably practicable following Completion of Construction, the Requiring Authority shall: (i) review the extent of the designation to identify any areas of designated land that it no longer requires for the on-going operation, maintenance or mitigation of effects of the project; and (ii) give notice to the Manager in accordance with section 182 of the RMA for the removal of those parts of the designation identified above.
6.	Lapse In accordance with section 184(1)(c) of the RMA, this designation shall lapse if not given effect to within 20 years from the date on which it is included in the AUP.
7.	Network Utility Operators (Section 176 Approval) (a) Prior to the Start of Construction, Network Utility Operators with existing infrastructure located within the designation will not require written consent under section 176 of the RMA for the following activities: (i) operation, maintenance and repair works; (ii) minor renewal works to existing network utilities necessary for the on-going provision or security of supply of network utility operations; (iii) minor works such as new service connections; and (iv) the upgrade and replacement of existing network utilities in the same location with the same or similar effects on the works authorised by the designation as the existing utility. (b) To the extent that a record of written approval is required for the activities listed above, this condition shall constitute written approval.
8.	General Section 176 Approval (a) Prior to the start of the formal acquisition process under the Public Works Act 1981 for a property, or submission of the Outline Plan, persons on properties zoned Rural or Future Urban will not require written consent under section 176 of the RMA for the following activities: (i) Internal alterations; (ii) Repair of existing utility services; (iii) One extension to an existing structure as at 2023, up to 30m²; (iv) Temporary or relocatable structures, provided they are removed from the site and the land is reinstated (including closing and capping any associated services) at the landowner's expense prior to the Start of Construction. The landowner shall be responsible for any resource consent required for the structures, their removal or relocation. (b) To the extent that a record of written approval is required for the activities listed above, this condition shall constitute written approval.
Pre-construction conditions	

9.	Outline Plan (a) An Outline Plan (or Plans) shall be prepared in accordance with section 176A of the RMA. (b) Outline Plans (or Plan) may be submitted in parts or in stages to address particular activities (e.g. design or construction aspects), or a Stage of Work of the project. (c) Outline Plans shall include any management plan or plans that are relevant to the management of effects of those activities or Stage of Work, which may include: (i) Construction Environmental Management Plan; (ii) Construction Traffic Management Plan; (iii) Construction Noise and Vibration Management Plan; (iv) Urban and Landscape Design Management Plan; (v) Historic Heritage Management Plan; (vi) Ecological Management Plan; (vii) Tree Management Plan; (viii) Network Utilities Management Plan; and (ix) Network Integration Management Plan.
	Flood Hazard For the purpose of Condition 10: (a) AEP – means Annual Exceedance Probability; (b) Existing Authorised Habitable Floor – means the floor level of any room (floor) in a residential building which is authorised and exists at the time the Outline Plan is submitted, excluding a laundry, bathroom, toilet or any room used solely as an entrance hall, passageway or garage; (c) Flood Prone Area – means potential ponding areas that may flood in a 1% AEP event and commonly comprise of topographical depression areas. The areas can occur naturally or as a result of constructed features. Identification of a potential Flood Prone Area would be by an assessment of residual flood risk in a 1% AEP event (e.g. from blockage of the project stormwater network) on land outside and adjacent to the designation following the application of Conditions (10)(a)(i) – (iv). (d) Maximum Probable Development – is the design case for consideration of future flows allowing for development within a catchment that takes into account the maximum impervious surface limits of the current zone or if the land is zoned Future Urban in the AUP, the probable level of development arising from zone changes; (e) Pre-Project Development – means existing site condition prior to the project (including existing buildings and roadways); and (f) Post-Project Development – means site condition after the project has been completed (including existing and new buildings and roadways).

10.	Flood Hazard (a) The project shall be designed to achieve the following flood risk outcomes beyond the boundary of the designation: (i) no increase in flood levels in a 1% AEP event for Existing Authorised Habitable Floors that are already subject to flooding or have a freeboard less than 500mm; (ii) no increase in flood levels in a 1% AEP event for authorised community, commercial, industrial and network utility building floors existing at the time the Outline Plan is submitted that are already subject to flooding or have a freeboard less than 300mm; (iii) maximum of 50mm increase in flood levels in a 1% AEP event outside and adjacent to the designation boundary between the Pre-Project Development and Post-Project Development scenarios; (iv) no increase of Flood Hazard Class for the main access to authorised habitable dwellings existing at the time the Outline Plan is submitted. The assessment shall be undertaken for the 1% AEP rainfall event and reference the hazard class in accordance with Schedule 2 to these conditions; and (v) no new Flood Prone Areas. (b) Compliance with this condition shall be demonstrated in the Outline Plan, which shall include flood modelling of the Pre-Project Development and Post-Project Development 1% AEP flood levels (for Maximum Probable Development land use with allowances for climate change). (c) Where: (i) the flood risk outcomes in (a) can be achieved through alternative measures outside of the designation such as flood stop banks, flood walls, raising Existing Authorised Habitable Floor level and new overland flow paths; or (ii) the outcomes are varied at specific location(s) through agreement with the relevant landowner, confirmation shall be provided to the Manager that any necessary landowner agreement and statutory approvals have been obtained for that alternative measure or varied outcome.
11.	Existing property access Prior to submission of the Outline Plan, consultation shall be undertaken with landowners and occupiers whose vehicle access to their property will be altered by the project. The Outline Plan shall demonstrate how safe reconfigured or alternate access will be provided, unless otherwise agreed with the affected landowner.

12.	Management Plans (a) Any management plan shall: (i) be prepared and implemented in accordance with the relevant management plan condition; (ii) be prepared by a Suitably Qualified Person(s); (iii) include sufficient detail relating to the management of effects associated with the relevant activities and/or Stage of Work to which it relates; (iv) be submitted as part of an Outline Plan pursuant to section 176A of the RMA, with the exception of SCEMPs and CNVMP Schedules; and (v) once finalised, uploaded to the project website or equivalent virtual information source. (b) Any management plan developed in accordance with Condition 12 may: (i) be submitted in parts or in stages to address particular activities (e.g. design or construction aspects), a Stage of Work of the project, or to address specific activities authorised by the designation; and (ii) except for material changes, be amended to reflect any changes in design, construction methods or management of effects without further process; (c) Information shall be submitted with the management plan (or revised plan as referred to in (d) below) which summarises outcomes of consultation and any input received from Mana Whenua and Stakeholders as required by the relevant management plan condition. The summary shall note how this input has been incorporated or reflected in the management plan, or if not, the reasons why; (d) If there is a material change required to a management plan which has been submitted with an Outline Plan, the revised part of the plan shall be submitted to the Manager as an update to the Outline Plan or for Certification as soon as practicable following identification of the need for a revision; and (e) Any material changes to the SCEMP(s) are to be submitted to the Manager for information.
13.	Stakeholder Communication and Engagement Management Plan (SCEMP) (a) A SCEMP shall be prepared in consultation with relevant Stakeholders prior to the Start of Construction. The objective of the SCEMP is to identify how the public and Stakeholders will be engaged with throughout Construction Works. (b) To achieve the objective, the SCEMP shall include: (i) a list of Stakeholders; (ii) the contact details for the Project Liaison Person. These details shall be on the project website, or equivalent virtual information source, and prominently displayed at the main entrance(s) to the site(s); (iii) methods for engaging with Mana Whenua, to be developed in consultation with Mana Whenua; (iv) methods and timing to engage with owners and occupiers whose access is directly affected; (v) methods to communicate key project milestones and the proposed hours of construction activities including outside of normal working hours and on weekends and public holidays, to the parties identified in (b)(i) above; and (vi) linkages and cross-references to communication and engagement methods set out in other conditions and management plans where relevant. (c) Any SCEMP prepared for a Stage of Work shall be submitted to the Manager for information a minimum of 10 working days prior to the Start of Construction for a Stage of Work.

14.	Cultural Advisory Report (a) At least six months prior to the start of detailed design for a Stage of Work, Mana Whenua shall be invited to prepare a Cultural Advisory Report for the project. The objective of the Cultural Advisory Report is to assist in understanding and identifying ngā taonga tuku iho (treasures handed down by our ancestors) affected by the project, to inform their management and protection. (b) To achieve the objective, the Requiring Authority shall invite Mana Whenua to prepare a Cultural Advisory Report that: (i) identifies the cultural sites, landscapes and values that have the potential to be affected by the construction and operation of the project; (ii) sets out the desired outcomes for management of potential effects on cultural sites, landscapes and values; (iii) identifies traditional cultural practices within the area that may be impacted by the project; (iv) identifies opportunities for restoration and enhancement of identified cultural sites, landscapes and values within the project area; (v) taking into account the outcomes of (i) to (iv) above, identify cultural matters and principles that should be considered in the development of the ULDMP (Condition 15) and HHMP (Condition 26) and the CMP referred to in Condition 20; and (vi) identifies and (if possible) nominates traditional names along the project alignment. Noting there may be formal statutory processes outside the project required in any decision-making. (c) The desired outcomes for management of potential effects on cultural sites, landscapes and values identified in the Cultural Advisory Report shall be discussed with Mana Whenua and those outcomes reflected in the relevant management plans where practicable; and (d) Conditions 14(b) and (c) will cease to apply if: (i) Mana Whenua have been invited to prepare a Cultural Advisory Report by a date at least six months prior to the Start of Construction; and (ii) Mana Whenua have not provided a Cultural Advisory Report within six months prior to the Start of Construction.
	Urban and Landscape Design Management Plan (ULDMP)
15.	(a) A ULDMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the ULDMP(s) is to: (i) enable integration of the project's permanent works into the surrounding landscape and urban context; and (ii) ensure that the project manages potential adverse landscape and visual effects as far as practicable and contributes to a quality urban environment. (b) Mana Whenua shall be invited to participate in the development of the ULDMP(s) to provide input into relevant cultural landscape and design matters including how desired outcomes for management of potential effects on cultural sites, landscapes and values identified and discussed in the Cultural Advisory Report in Condition 14 may be reflected in the ULDMP. (c) Relevant Stakeholders shall be invited to participate in the development of the ULDMP at least six months prior to the start of detailed design for a Stage of Work.

16.	(a) To achieve the objective set out in Condition 15, the ULDMP(s) shall provide details of how the project: (i) is designed to integrate with the adjacent urban (or proposed urban) and landscape context, including the surrounding existing or proposed topography, urban environment (eg. centres and density of built form), natural environment, landscape character and open space zones; (ii) provides appropriate walking and cycling connectivity to, and interfaces with, existing or proposed adjacent land uses, public transport infrastructure and walking and cycling connections; (iii) promotes inclusive access (where appropriate); (iv) promotes a sense of personal safety by aligning with best practice guidelines, such as: A. Crime Prevention Through Environmental Design (CPTED) principles; B. Safety in Design (SID) requirements; and C. Maintenance in Design (MID) requirements and anti-vandalism/anti-graffiti measures; (v) has responded to matters identified through the Land use Integration Process (Condition 3); and (b) The ULDMP shall be prepared in general accordance with: (i) Auckland Transport's Urban Roads and Streets Design Guide, or any subsequent or updated version; (ii) New Zealand Transport Agency Urban Design Guidelines: Bridging the Gap (2013) or any subsequent updated version; (iii) New Zealand Transport Agency Landscape Guidelines (2018) or any subsequent updated version; (iv) New Zealand Transport Agency P39 Standard Specification for Highway Landscape Treatments (2013) or any subsequent updated version; and (v) Auckland's Urban Ngahere (Forest) Strategy or any subsequent updated version.

17.	The ULDMP(s) shall include: (a) a concept plan – which depicts the overall landscape and urban design concept, and explain the rationale for the landscape and urban design proposals; (b) developed design concepts, including principles for walking and cycling facilities and public transport; (c) landscape and urban design details – that cover the following: (i) road design – elements such as intersection form, carriageway gradient and associated earthworks contouring including cut and fill batters and the interface with adjacent land uses and existing roads (including slip lanes), benching, spoil disposal sites, median width and treatment, roadside width and treatment; (ii) roadside elements – such as lighting, fencing, wayfinding and signage; (iii) architectural and landscape treatment of all major structures, including bridges and retaining walls; (iv) architectural and landscape treatment of noise barriers; (v) landscape treatment and planting of permanent stormwater control wetlands and swales; (vi) integration of passenger transport; (vii) pedestrian and cycle facilities including paths, road crossings and dedicated pedestrian/ cycle bridges or underpasses; (viii) historic heritage places with reference to the HHMP (Condition 26); and (ix) re-instatement of construction and site compound areas; and (x) features disturbed during construction and intended to be reinstated such as: A. boundary features; B. driveways; C. accessways; and D. fences. (d) the ULDMP shall also include the following planting and maintenance details: (i) planting design details including: A. identification of existing trees and vegetation that will be retained with reference to the TMP (Condition 29) (where relevant) and EMP (Condition 28). Where practicable, mature trees and native vegetation should be retained; B. street trees, shrubs and ground cover suitable for the location; C. treatment of fill slopes to integrate with adjacent land use, streams, riparian margins and open space zones; D. identification of any planting requirements under the EMP (Condition 28) and TMP (Condition 29); E. integration of any planting required by conditions of any resource consents for the project; and F. re-instatement planting of construction and site compound areas as appropriate. (ii) a planting programme including the staging of planting in relation to the construction programme which shall, as far as practicable, include provision for planting within each planting season following completion of each Stage of Work; and (iii) detailed specifications relating to the following: A. weed control and clearance; B. pest animal management (to support plant establishment); C. ground preparation (top soiling and decompaction); D. mulching; and E. plant sourcing and planting, including hydroseeding and grassing, and use of eco-sourced species.
Construction conditions	

18.	Construction Environmental Management Plan (CEMP) (a) A CEMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the CEMP is to set out the management procedures and construction methods to be undertaken to avoid, remedy or mitigate any adverse effects associated with Construction Works as far as practicable. (b) To achieve the objective, the CEMP shall include: (i) the roles and responsibilities of staff and contractors; (ii) details of the site or project manager and the Project Liaison Person, including their contact details (phone and email address); (iii) the Construction Works programmes and the staging approach, and the proposed hours of work; (iv) details of the proposed construction yards including temporary screening when adjacent to residential areas; (v) details of the proposed construction lighting; (vi) methods for controlling dust and the removal of debris and demolition of construction materials from public roads or places; (vii) methods for providing for the health and safety of the general public; (viii) measures to mitigate flood hazard effects such as siting stockpiles out of floodplains, minimising obstruction to flood flows, actions to respond to warnings of heavy rain; (ix) procedures for incident management; (x) location and procedures for the refuelling and maintenance of plant and equipment to avoid discharges of fuels or lubricants to watercourses; (xi) 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; (xii) procedures for responding to complaints about Construction Works; and (xiii) methods for amending and updating the CEMP as required.
19.	Complaints Process (a) At all times during Construction Works, a record of any complaints received about the Construction Works shall be maintained. The record shall include: (i) the date, time and nature of the complaint; (ii) the name, phone number and address of the complainant (unless the complainant wishes to remain anonymous); (iii) measures taken to respond to the complaint (including a record of the response provided to the complainant) or confirmation of no action if deemed appropriate; (iv) the outcome of the investigation into the complaint; and (v) any other activities in the area, unrelated to the project that may have contributed to the complaint, such as non-project construction, fires, traffic accidents or unusually dusty conditions generally. (b) A copy of the complaints record required by this condition shall be made available to the Manager upon request as soon as practicable after the request is made.

20.	Cultural Monitoring Plan (CMP) (a) Prior to the Start of Construction, a CMP shall be prepared by a Suitably Qualified Person(s) identified in collaboration with Mana Whenua. The objective of the CMP is to identify methods for undertaking cultural monitoring to assist with management of any cultural effects during Construction Works. (b) To achieve the objective, the CMP shall include: (i) requirements for formal dedication or cultural interpretation to be undertaken prior to the Start of Construction in areas identified as having significance to Mana Whenua; (ii) requirements and protocols for cultural inductions for contractors and subcontractors; (iii) identification of activities, sites and areas where cultural monitoring is required during particular Construction Works; (iv) identification of personnel to undertake cultural monitoring, including any geographic definition of their responsibilities; and (v) details of personnel to assist with management of any cultural effects identified during cultural monitoring, including implementation of the Accidental Discovery Protocol. (c) If Enabling Works involving soil disturbance are undertaken prior to the Start of Construction, an Enabling Works CMP shall be prepared by a Suitably Qualified Person identified in collaboration with Mana Whenua. This plan may be prepared as a standalone Enabling Works CMP or be included in the main Construction Works CMP. Advice note: Where appropriate, the CMP shall align with the requirements of other conditions of the designation and resource consents for the project which require monitoring during Construction Works.

21.	Construction Traffic Management Plan (CTMP) (a) A CTMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the CTMP is to avoid, remedy or mitigate, as far as practicable, adverse construction traffic effects. (b) To achieve this objective, the CTMP shall include: (i) methods to manage the effects of temporary traffic management activities on traffic; (ii) measures to ensure the safety of all transport users; (iii) the estimated numbers, frequencies, routes and timing of traffic movements, including any specific non-working or non-movement hours to manage vehicular and pedestrian traffic near Education Facilities or to manage traffic congestion; (iv) site access routes and access points for heavy vehicles, the size and location of parking areas for plant, construction vehicles and the vehicles of workers and visitors; (v) identification of detour routes and other methods to ensure the safe management and maintenance of traffic flows, including public transport, pedestrians and cyclists; (vi) methods to maintain access to and within property and/or private roads where practicable, or to provide alternative arrangements when it will not be, including details of how access is managed for loading and unloading of goods; (vii) the management approach to loads on heavy vehicles, including covering loads of fine material, the use of wheel-wash facilities at site exit points and the timely removal of any material deposited or spilled on public roads; (viii) methods that will be undertaken to communicate traffic management measures to affected road users (e.g. residents / public / Stakeholders / emergency services); (ix) details of minimum network performance parameters during the construction phase, including any measures to monitor compliance with the performance parameters; and (x) details of any measures proposed to be implemented in the event of thresholds identified in (ix) being exceeded. (c) Auditing, monitoring and reporting requirements relating to traffic management activities shall be undertaken in accordance with the New Zealand Guide to Temporary Traffic Management (April 2023) or any subsequent version.

22.

Construction Noise Standards

(a) Construction noise shall be measured and assessed in accordance with NZS6803:1999 Acoustics – Construction Noise and shall comply with the noise standards set out in the following table as far as practicable:

Table 22-1 Construction Noise Standards

Day of week	Time period	L _{Aeq} (15min)	L _{AFmax}
Occupied activity sensitive to noise			
Weekday	0630h - 0730h	55 dB	75 dB
	0730h - 1800h	70 dB	85 dB
	1800h - 2000h	65 dB	80 dB
	2000h - 0630h	45 dB	75 dB
Saturday	0630h - 0730h	45 dB	75 dB
	0730h - 1800h	70 dB	85 dB
	1800h - 2000h	45 dB	75 dB
	2000h - 0630h	45 dB	75 dB
Sunday and Public Holidays	0630h - 0730h	45 dB	75 dB
	0730h - 1800h	55 dB	85 dB
	1800h - 2000h	45 dB	75 dB
	2000h - 0630h	45 dB	75 dB
Other occupied buildings			
All	0730h – 1800h	70 dB	
	1800h – 0730h	75 dB	

(b) Where compliance with the noise standards set out in Table 22-1 is not practicable, the methodology in Condition 25 shall apply.

23.

Construction Vibration Standards

(a) Construction vibration shall be measured in accordance with ISO 4866:2010 Mechanical vibration and shock – Vibration of fixed structures – Guidelines for the measurement of vibrations and evaluation of their effects on structures and shall comply with the vibration standards set out in the following table as far as practicable.

Table 23-1 Construction Vibration Standards

Receiver	Details	Category A*	Category B**
Occupied activities sensitive to noise	Night-time 2000h - 0630h	0.3mm/s ppv	2mm/s ppv
	Daytime 0630h - 2000h	2mm/s ppv	5mm/s ppv
Other occupied buildings	Daytime 0630h - 2000h	2mm/s ppv	5mm/s ppv
All other buildings	At all other times	Tables 1 and 3 of DIN4150-3:1999	

* Category A criteria adopted from Rule E25.6.30.1 of the AUP

** Category B criteria based on DIN 4150-3:1999 building damage criteria for daytime

(b) Where compliance with the vibration standards set out in Table 23-1 is not practicable, the methodology in Condition 25 shall apply.

24.	Construction Noise and Vibration Management Plan (CNVMP) (a) A CNVMP shall be prepared prior to the Start of Construction for Stage of Work. A CNVMP shall be implemented during the Stage of Work to which it relates. The objective of the CNVMP is to provide a framework for the development and implementation of the Best Practicable Option for the management of construction noise and vibration effects to achieve the construction noise and vibration standards set out in Conditions 22 and 23 to the extent practicable. (b) To achieve the objective, the CNVMP shall be prepared in accordance with Annex E2 of the New Zealand Standard NZS6803:1999 'Acoustics – Construction Noise' (NZS6803:1999) and shall as a minimum, address the following: (i) description of the works and anticipated equipment/processes; (ii) hours of operation, including times and days when construction activities would occur; (iii) the construction noise and vibration standards for the project; (iv) identification of receivers where noise and vibration standards apply; (v) a hierarchy of management and mitigation options, including any requirements to limit night works and works during other sensitive times, including Sundays and public holidays as far as practicable; (vi) methods and frequency for monitoring and reporting on construction noise and vibration; (vii) procedures for communication and engagement with nearby residents and Stakeholders, including notification of proposed construction activities, the period of construction activities, and management of noise and vibration complaints; (viii) contact details of the Project Liaison Person; (ix) procedures for the regular training of the operators of construction equipment to minimise noise and vibration as well as expected construction site behaviours for all workers; (x) procedures and requirements for the preparation of a Schedule to the CNVMP (Schedule) for those areas where compliance with the noise Condition 22 and/or vibration standards Condition 23 Category B will not be practicable; (xi) identification of trigger levels for undertaking building condition surveys, which shall be Category B day time levels; (xii) procedures and trigger levels for undertaking building condition surveys before and after works to determine whether any cosmetic or structural damage has occurred as a result of construction vibration; (xiii) methodology and programme of desktop and field audits and inspections to be undertaken to ensure that the CNVMP, Schedules and the Best Practicable Option for management of effects are being implemented; and (xiv) requirements for review and update of the CNVMP.

25.	Schedule to a CNVMP (a) A Schedule to the CNVMP (Schedule) shall be prepared prior to the Start of Construction of an activity to which it relates by a Suitably Qualified Person, in consultation with the owners and occupiers of sites subject to the Schedule, when: (i) construction noise is either predicted or measured to exceed the noise standards in Condition 22, except where the exceedance of the L_{Aeq} criteria is no greater than 5 decibels and does not exceed: A. 0630 – 2000: 2 periods of up to 2 consecutive weeks in any 2 months; or B. 2000 - 0630: 1 period of up to 2 consecutive nights in any 10 days; (ii) construction vibration is either predicted or measured to exceed the Category B standard at the receivers in Condition 23. (b) The objective of the Schedule is to set out the Best Practicable Option measures to manage noise and/or vibration effects of the construction activity beyond those measures set out in the CNVMP. (c) To achieve the objective, the Schedule shall include details such as: (i) construction activity location, start and finish dates; (ii) the nearest neighbours to the construction activity; (iii) the predicted noise and/or vibration level for all receivers where the levels are predicted or measured to exceed the applicable standards and predicted duration of the exceedance; (iv) for works proposed between 2000h and 0630h, the reasons why the proposed works must be undertaken during these hours and why they cannot be practicably undertaken during the daytime; (v) the proposed mitigation options that have been selected, and the options that have been discounted as being impracticable and the reasons why; (vi) the consultation undertaken with owners and occupiers of sites subject to the Schedule, and how consultation has and has not been taken into account; and (vii) location, times and types of monitoring. (d) The Schedule shall be submitted to the Manager for Certification at least five working days (except in unforeseen circumstances) in advance of Construction Works that are covered by the scope of the Schedule and shall form part of the CNVMP. (e) The CNVMP Schedule shall be deemed certified five working days from the submission of the CNVMP Schedule where no written confirmation of Certification has been received. (f) Where material changes are made to a Schedule required by this condition, the Requiring Authority shall consult the owners and/or occupiers of sites subject to the Schedule prior to submitting the amended Schedule to the Manager for Certification in accordance with (d) above. The amended Schedule shall document the consultation undertaken with those owners and occupiers, and how consultation outcomes have and have not been taken into account.

26.	Historic Heritage Management Plan (HHMP) (a) A HHMP shall be prepared in consultation with Council, HNZPT and Mana Whenua prior to the Start of Construction for a Stage of Work. The objective of the HHMP is to protect historic heritage and to remedy and mitigate any residual effects as far as practicable. (b) To achieve the objective, the HHMP shall identify: (i) any adverse direct and indirect effects on historic heritage sites and measures to appropriately avoid, remedy or mitigate any such effects, including a tabulated summary of these effects and measures; (ii) methods for the identification and assessment of potential historic heritage places within the designation to inform detailed design; (iii) known historic heritage places and potential archaeological sites within the designation, including identifying any archaeological sites for which an Archaeological Authority under the HNZPTA will be sought or has been granted; (iv) any unrecorded archaeological sites or post-1900 heritage sites within the designation, which shall also be documented and recorded; (v) roles, responsibilities and contact details of project personnel, Council and HNZPT representatives, Mana Whenua representatives, and relevant agencies involved with heritage and archaeological matters including surveys, monitoring of Construction Works, compliance with AUP accidental discovery rule, and monitoring of conditions; (vi) specific areas to be investigated, monitored and recorded to the extent these are directly affected by the project; (vii) the proposed methodology for investigating and recording post-1900 historic heritage sites (including buildings) that need to be destroyed, demolished or relocated, including details of their condition, measures to mitigate any adverse effects and timeframe for implementing the proposed methodology, in accordance with the HNZPT Archaeological Guidelines Series No.1: Investigation and Recording of Buildings and Standing Structures (November 2018), or any subsequent version; (viii) methods to acknowledge cultural values identified through Condition 14 where archaeological sites also involve ngā taonga tuku iho (treasures handed down by our ancestors) and where feasible and practicable to do so; (ix) methods for avoiding, remedying or mitigating adverse effects on historic heritage places and sites within the designation during Construction Works as far as practicable. These methods shall include, but are not limited to: A. security fencing or hoardings around historic heritage places to protect them from damage during construction or unauthorised access; B. measures to mitigate adverse effects on historic heritage sites that achieve positive historic heritage outcomes such as increased public awareness and interpretation signage; and C. training requirements and inductions for contractors and subcontractors on historic heritage places within the designation, legal obligations relating to unexpected discoveries and the AUP Accidental Discovery Rule (E11.6.1). The training shall be undertaken prior to the Start of Construction, under the guidance of a Suitably Qualified Person and Mana Whenua representatives (to the extent the training relates to cultural values identified under Condition 14). Advice note: Accidental Discoveries The requirements for accidental discoveries of heritage items are set out in Rule E11.6.1 of the AUP.

27.	Pre-Construction Ecological Survey (a) At the start of detailed design for a Stage of Work, an updated ecological survey shall be undertaken in the relevant geographic area by a Suitably Qualified Person. The purpose of the survey is to inform ecological management by: (i) confirming whether the species of value within the Identified Biodiversity Areas recorded in the Identified Biodiversity Area Schedule 3 are still present; and (ii) confirming whether the project will or is likely to have a moderate or greater level of ecological effect on species of value (prior to implementation of impact management measures). The level of effect shall be determined in accordance with Table 10 of the EIANZ Guidelines (or subsequent updated version of that table) as included in Schedule 4 of these conditions. (b) If the ecological survey confirms the presence of ecological species of value in accordance with Condition 27(a)(i) and that effects are likely in accordance with Condition 27(a)(ii) then an Ecological Management Plan (or Plans) shall be prepared in accordance with Condition 28 for these areas (Confirmed Biodiversity Areas).

28.	Ecological Management Plan (EMP) (a) An EMP shall be prepared for any Confirmed Biodiversity Areas (confirmed through Condition 27) prior to the Start of Construction for a Stage of Work. The objective of the EMP is to minimise effects of the project on the ecological features of value in Confirmed Biodiversity Areas as far as practicable. (b) If an EMP is required in accordance with (a) for the presence of long tail bats, the EMP may include the following to achieve the objective: (i) measures to minimise as far as practicable, disturbance from construction activities within 50m of any active long tail bat roosts that are discovered through survey until such roosts are confirmed to be vacant of bats; (ii) timing of any Construction Works within 50m of any active maternity long tail bat roosts. Those Construction Works shall be undertaken outside the bat maternity period (between December and March) where reasonably practicable; (iii) details of areas where vegetation is to be retained and where additional planting is proposed to be provided and maintained for the purposes of the connectivity of long tail bat habitats; and (iv) details of measures to minimise any operational disturbance from light spill. (c) If an EMP is required in accordance with (a) for the presence of Threatened or At-Risk birds (excluding wetland birds), the EMP may include the following to achieve the objective: (i) timing of any Construction Works which may have adverse effects on Threatened or At-Risk birds (excluding wetland birds). Those Construction Works shall be undertaken outside the bird breeding season (September to February) where practicable; and (ii) where works are required within the area identified in the Confirmed Biodiversity Area during the bird breeding season, methods to minimise adverse effects on Threatened or At-Risk birds. (d) If an EMP is required in accordance with (a) for the presence of Threatened or At-Risk wetland birds, the EMP may include the following to achieve the objective: (i) details of any nesting bird surveys of Threatened or At-Risk wetland birds. Nesting bird surveys shall be undertaken within any wetland that is both within a Confirmed Biodiversity Area and located within a 50m radius of Construction Works. Surveys shall be undertaken prior to any such works taking place and repeated at the beginning of each wetland bird breeding season until the Completion of Construction; (ii) timing of any Construction Works which may have adverse effects on Threatened or At-Risk wetland birds. Those Construction Works shall be undertaken outside of the bird breeding season (September to February) where practicable; (iii) where works are required within the Confirmed Biodiversity Area during the bird breeding season, methods to minimise adverse effects on Threatened or At-Risk wetland birds; and (iv) details of what protection and buffer measures are proposed to manage effects on nesting Threatened or At-Risk wetland birds identified through a survey undertaken in accordance with Condition (d)(i). Proposed measures shall address: A. the type, intensity and duration of construction activity; B. the likely sensitivity of the nesting bird species to the construction activity; and C. any environmental features (e.g., vegetation and contour) that could influence the extent of potential adverse effects on the Threatened or At-Risk wetland birds. (v) details of measures to minimise any operational disturbance from light spill. (e) The EMP shall be consistent with any ecological management measures to be undertaken in compliance with conditions of any regional resource consents granted for the project. Advice note:

	Depending on the potential effects of the project, the regional consents for the project may include the following monitoring and management plans: (i) stream and/or wetland restoration plans; (ii) vegetation restoration plans; and (iii) fauna management plans (e.g. avifauna).

29.	Tree Management Plan (TMP) (a) Prior to the Start of Construction for a Stage of Work, a TMP shall be prepared. The objective of the TMP is to avoid, remedy or mitigate effects of construction activities on trees identified in Schedule 5. (b) To achieve the objective, the TMP shall: (i) confirm that the trees listed in Schedule 5 still exist; and (ii) demonstrate how the design and location of project works has avoided, remedied or mitigated any effects on any tree listed in Schedule 5. This may include: A. any opportunities to relocate listed trees where practicable; B. planting to replace trees that require removal (with reference to the ULDMP planting design details in Condition 17); C. tree protection zones and tree protection measures such as protective fencing, ground protection and physical protection of roots, trunks and branches; and D. methods for work within the rootzone of trees that are to be retained in line with accepted arboricultural standards including provision of kauri dieback management measures. (iii) demonstrate how the tree management measure (outlined in A – D above) are consistent with any relevant conditions of resource consents granted for the project. (c) Where replacement planting of any tree listed in Schedule 5 is required under (b)(ii)(B) it shall be at a ratio of 2:1 for Single Trees and a minimum of like for like (in m²) for Group of Trees.
30.	Network Utility Management Plan (NUMP) (a) A NUMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the NUMP is to set out a framework for protecting, relocating and working in proximity to existing network utilities. (b) To achieve the objective, the NUMP shall include methods to: (i) provide access for maintenance at all reasonable times, or emergency works at all times during construction activities; (ii) protect and where necessary, relocate existing network utilities; (iii) manage the effects of dust and any other material potentially resulting from construction activities and able to cause material damage, beyond normal wear and tear to overhead transmission lines in the project area; (iv) demonstrate compliance with relevant standards and Codes of Practice including, where relevant, the NZECP 34:2001 New Zealand Electrical Code of Practice for Electrical Safe Distances 2001; AS/NZS 4853:2012 Electrical hazards on Metallic Pipelines, and AS/NZS 2885 Pipelines – Gas and Liquid Petroleum. (c) The NUMP shall be prepared in consultation with the relevant Network Utility Operator(s) who have existing assets that are directly affected by the project. (d) The development of the NUMP shall consider opportunities to coordinate future work programmes with other Network Utility Operator(s) during detailed design where practicable. (e) The NUMP shall describe how any comments from the Network Utility Operator in relation to its assets have been addressed. (f) Any comments received from the Network Utility Operator shall be considered when finalising the NUMP. (g) Any amendments to the NUMP related to the assets of a Network Utility Operator shall be prepared in consultation with that asset owner.

31.	Network Integration Management Plan (NIMP) (a) At least six months prior to the start of detailed design for a Stage of Work, the Requiring Authority shall prepare, in collaboration with other relevant road controlling authorities, a NIMP. (b) The objective of the NIMP is to identify how the project will integrate with the planned transport network in the North Growth Area to achieve an effective, efficient and safe land transport system. To achieve this objective, the NIMP shall include details of the: (i) project implementation approach and any staging of the project, including both design, management and operational matters; and (ii) sequencing of the project with the planned transport network, including both design, management and operational matters.
Operational conditions	

32.	Low Noise Road Surface (a) Asphaltic concrete surfacing (or equivalent low noise road surface) shall be implemented within 12 months of Completion of Construction of the project. (b) The asphaltic concrete surface shall be maintained as far as practicable to retain the noise reduction performance of the surface established in accordance with (a), unless Condition 33 applies.
33.	Future Resurfacing Work (a) Any future resurfacing works of the project shall be undertaken in accordance with the Auckland Transport Reseal Guidelines, Asset Management and Systems 2013 or any updated version and asphaltic concrete surfacing (or equivalent low noise road surface) shall be implemented where: (i) the volume of traffic exceeds 10,000 vehicles per day; (ii) the road is subject to high wear and tear (such as cul de sac heads, roundabouts and main road intersections); (iii) it is in an industrial or commercial area where there is a high concentration of truck traffic; or (iv) it is subject to high usage by pedestrians, such as town centres, hospitals, shopping centres and schools. (b) Prior to commencing any future resurfacing works, the Requiring Authority shall advise the Manager if any of the triggers in Condition 33(a)(i) – (iv) are not met by the road or a section of it and therefore where the application of asphaltic concrete surfacing (or equivalent low noise road surface) is no longer required on the road or a section of it. Such advice shall also indicate when any resealing is to occur.
	Traffic Noise For the purposes of Conditions 34 to 39: (a) Building-Modification Mitigation – has the same meaning as in NZS 6806; (b) Design year has the same meaning as in NZS 6806; (c) Detailed Mitigation Options – means the fully detailed design of the Selected Mitigation Options, with all practical issues addressed; (d) Habitable Space – has the same meaning as in NZS 6806; (e) Identified Noise Criteria Category – means the Noise Criteria Category for a PPF identified in Schedule 6: Identified PPFs Noise Criteria Categories; (f) Mitigation – has the same meaning as in NZS 6806:2010 Acoustics – Road-traffic noise – New and altered roads; (g) Noise Criteria Categories – means the groups of preference for sound levels established in accordance with NZS 6806 when determining the Best Practicable Option for noise mitigation (i.e. Categories A, B and C); (h) NZS 6806 – means New Zealand Standard NZS 6806:2010 Acoustics – Road-traffic noise – New and altered roads; (i) Protected Premises and Facilities (PPFs) – means only the premises and facilities identified in Schedule 6: Identified PPFs Noise Criteria Categories; (j) Selected Mitigation Options – means the preferred mitigation option resulting from a Best Practicable Option assessment undertaken in accordance with NZS 6806 taking into account any low noise road surface to be implemented in accordance with Condition 32; and (k) Structural Mitigation – has the same meaning as in NZS 6806.
34.	The Noise Criteria Categories identified in Schedule 6: Identified PPFs Noise Criteria Categories at each of the PPFs shall be achieved where practicable and subject to Conditions 34 to 39 (all traffic noise conditions). The Noise Criteria Categories do not need to be complied with at a PPF where: (a) the PPF no longer exists; or (b) agreement of the landowner has been obtained confirming that the Noise Criteria Category does not need to be met. Achievement of the Noise Criteria Categories for PPFs shall be by reference to a traffic forecast for a high growth scenario in a design year at least 10 years after the programmed opening of the project.

35.	As part of the detailed design of the project, a Suitably Qualified Person shall determine the Selected Mitigation Options for the PPFs identified on Schedule 6: Identified PPFs Noise Criteria Categories. For the avoidance of doubt, the low noise road surface implemented in accordance with Condition 32 may be (or be part of) the Selected Mitigation Option(s).
36.	Prior to the Start of Construction of the project, a Suitably Qualified Person shall develop the Detailed Mitigation Options for the PPFs identified in Schedule 6: Identified PPFs Noise Criteria Categories, taking into account the Selected Mitigation Options.
37.	If the Detailed Mitigation Options would result in the Identified Noise Criteria Category changing to a less stringent Category, e.g. from Category A to B or Category B to C, at any relevant PPF, a Suitably Qualified Person shall provide confirmation to the Manager that the Detailed Mitigation Option would be consistent with adopting the Best Practicable Option in accordance with NZS 6806 prior to implementation.
38.	The Detailed Mitigation Options shall be implemented prior to Completion of Construction of the project, with the exception of any low-noise road surfaces, which shall be implemented within 12 months of Completion of Construction.
39.	Any barriers required by the Detailed Mitigation Options shall be maintained so they retain their noise reduction performance as far as practicable.

Attachments

Schedule 1: General Accordance Plans and Information

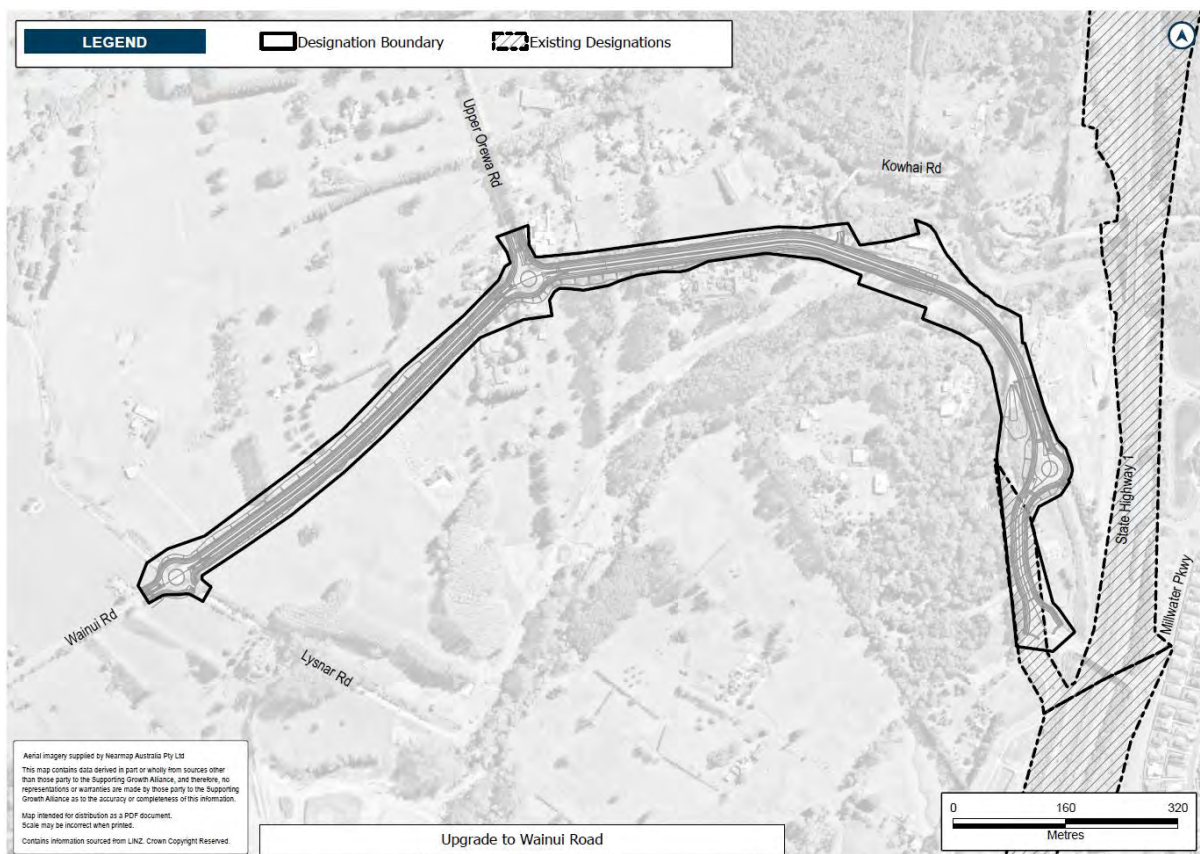
Project Description

The proposed work is the construction, operation and maintenance of an upgrade to Wainui Road to an urban arterial corridor between Lysnar Road, Wainui, and the State Highway 1 northbound Wainui Road offramp, including active mode facilities and associated infrastructure.

The proposed work is shown in the following Concept Plan and includes:

- Upgrading the corridor to an urban arterial with walking and cycling facilities.
- Tie-ins with existing roads and localised widening around the existing intersections to accommodate new intersection forms.
- New or upgraded stormwater management systems, bridges and culverts (where applicable).
- Batter slopes, and associated cut and fill earthworks.
- Vegetation removal.
- Other construction related activities required outside the permanent corridor including the re-grade of driveways, construction traffic manoeuvring and construction laydown areas.

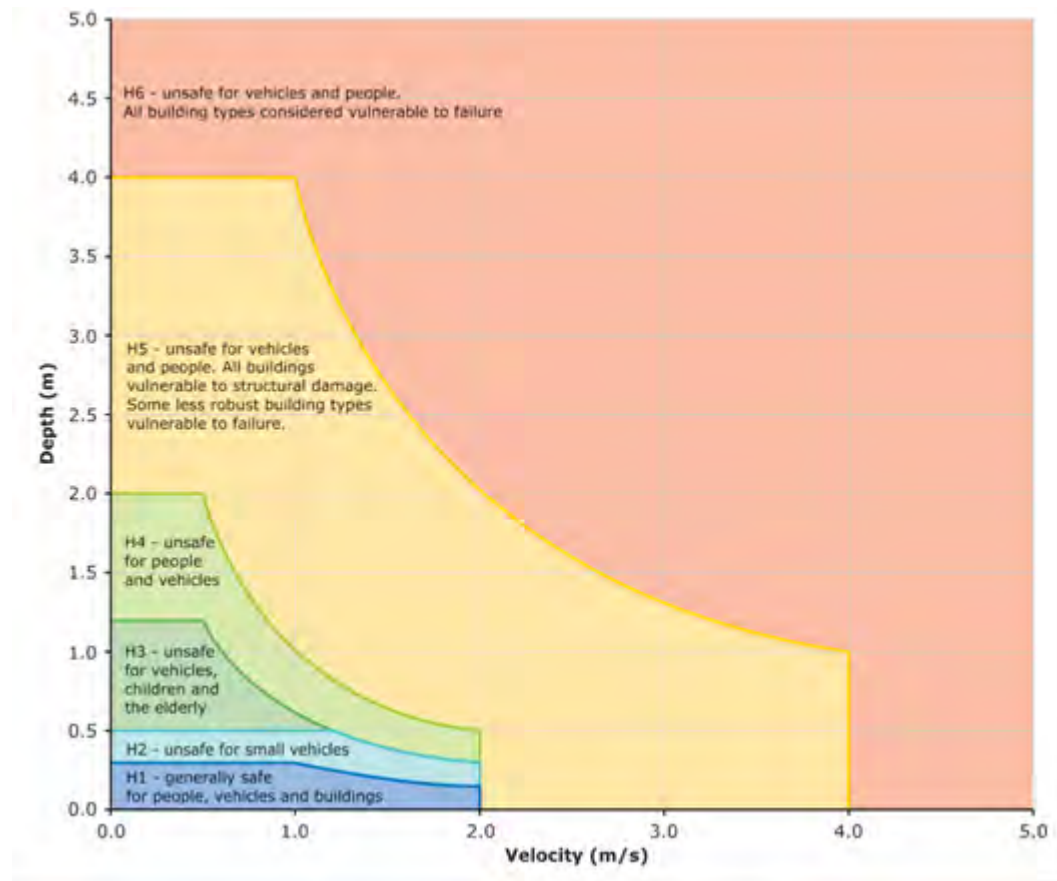
Concept Plan



Schedule 2 – Flood Hazard Class

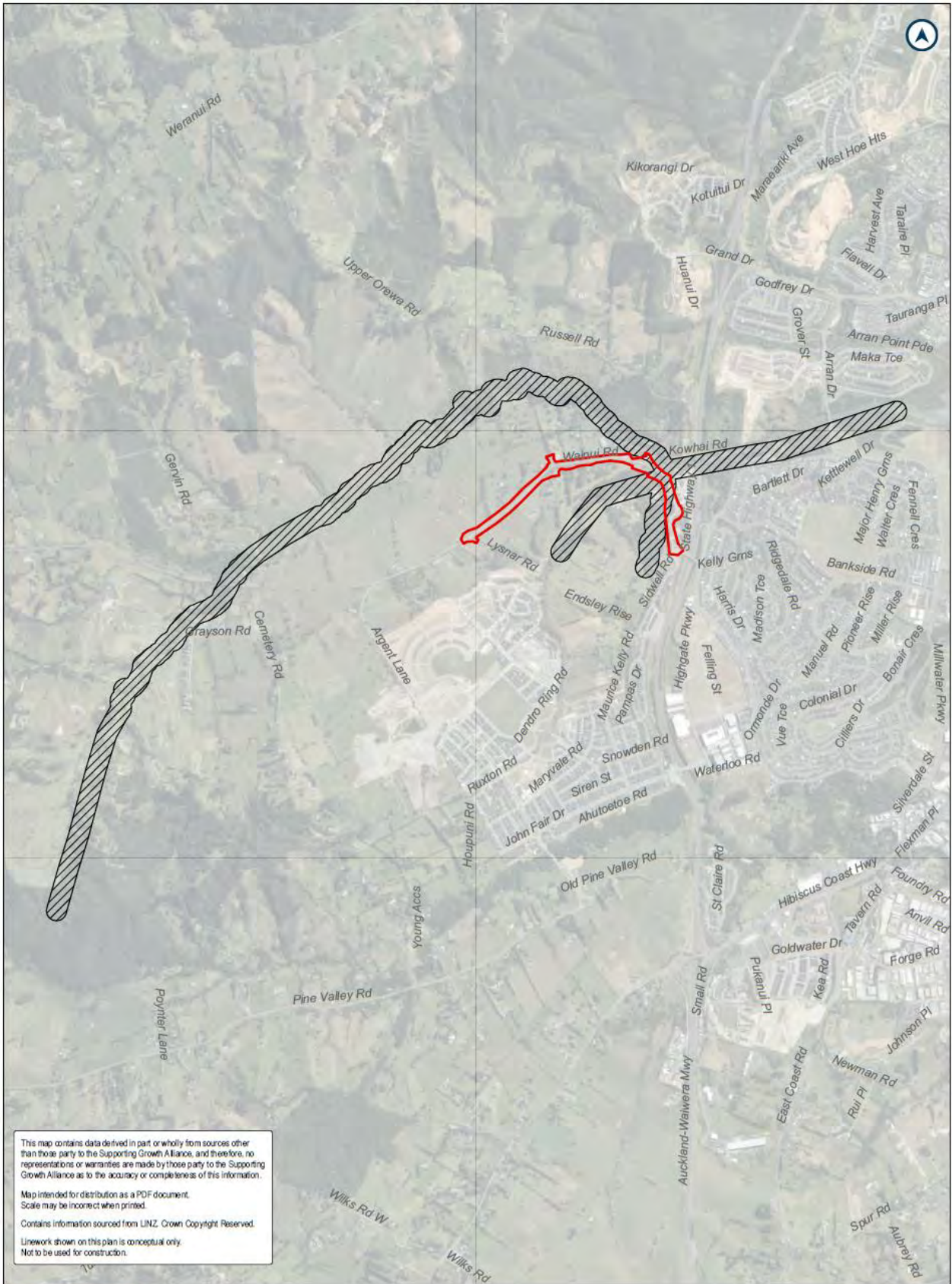
The combined flood hazard curves shown below set hazard thresholds that relate to the vulnerability of the community when interacting with floodwaters. The combined curves are divided into hazard classifications that relate to specific vulnerability thresholds

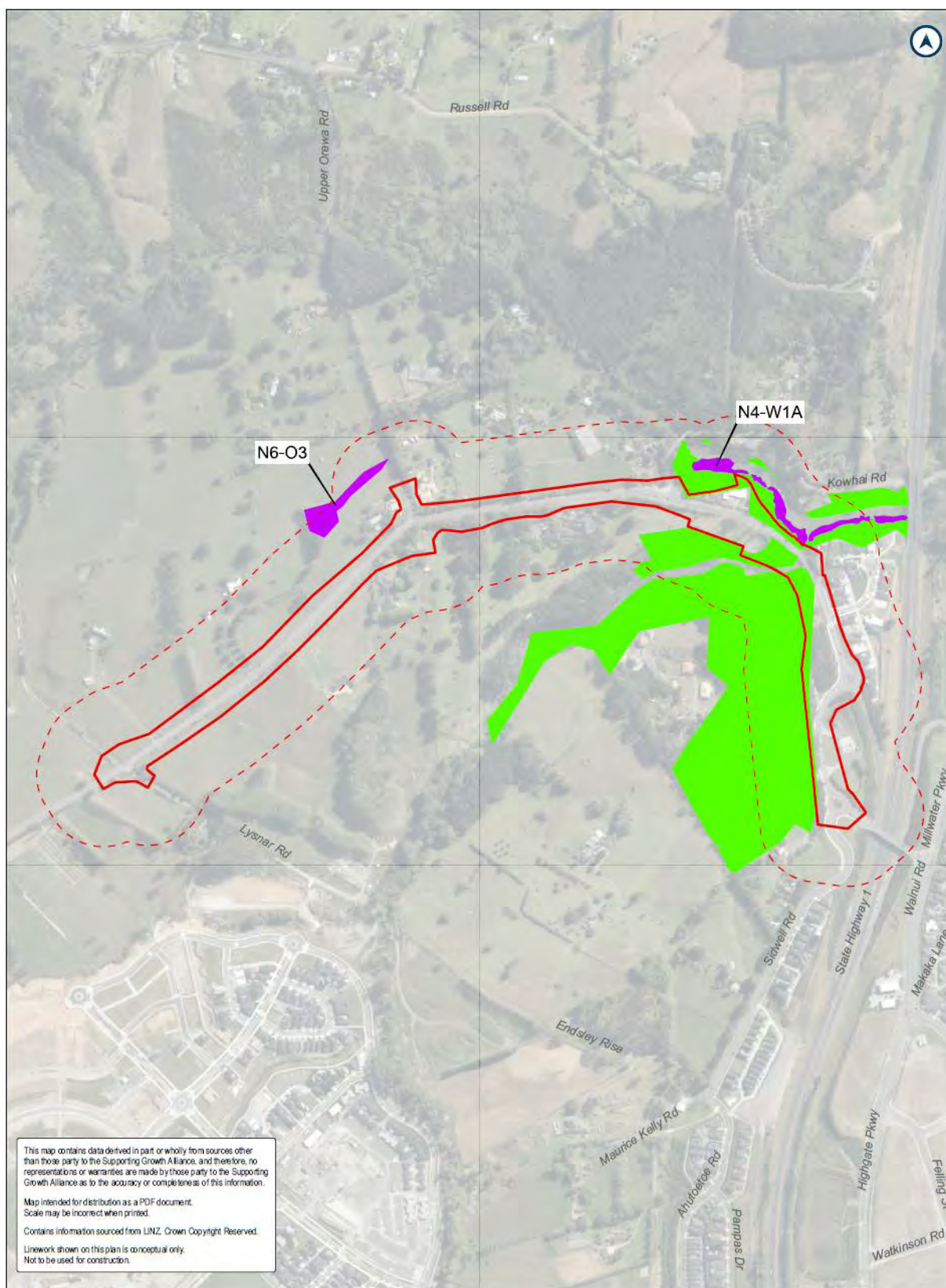
The vulnerability thresholds identified in the flood hazard curves can be applied to the best description of flood behaviour available for a subject site. In this regard, the hazard curves can be applied equally to flood behaviour estimates from measured data, simpler 1D numerical modelling approaches, through to complex 2D model estimates with the level of accuracy and uncertainty of the flood hazard estimate linked to the method used to derive the flood behaviour estimate.



Source: Australian Rainfall and Runoff, Book 6, 2019

Schedule 3: Identified Biodiversity Areas





LEGEND

NOR 10

Buffer 100m

**Identified Biodiversity Areas
for Wetland Avifauna**

Named Wetlands

**Identified Biodiversity Areas
for Non-wetland Avifauna**

Non-wetland Vegetation

0 175 350
Metres

Schedule 4: Table 10 of the 2018 EIANZ Guidelines

Criteria for describing level of effects (Adapted from Regini (2000) and Boffa Miskell (2011))

Ecological Value → Magnitude ↓	Very high	High	Moderate	Low	Negligible
Very high	Very high	Very high	High	Moderate	Low
High	Very high	Very high	Moderate	Low	Very low
Moderate	High	High	Moderate	Low	Very low
Low	Moderate	Low	Low	Very low	Very low
Negligible	Low	Very low	Very low	Very low	Very low
Positive	Net gain	Net gain	Net gain	Net gain	Net gain

Schedule 5: Trees to be included in the Tree Management Plan

Tree number	Vegetation type	Protection	Location	Species	Age
1011	Poplar	Road Reserve (adjacent to open space)	Corner of Wainui Road and Lysnar Road	Hybrid Poplar (<i>Populus sp.</i>)	Semi-mature
1012	Poplar	Road Reserve (adjacent to open space)	Corner of Wainui Road and Lysnar Road	Hybrid Poplar (<i>Populus sp.</i>)	Semi-mature



Schedule 6: Identified PPFs Noise Criteria Categories

Address	New or Altered Road	Noise Criteria Category
379 Wainui Road	Altered	A
411 Wainui Road	Altered	A
406 Wainui Road	Altered	A
480 Wainui Road	Altered	A
330 Wainui Road	Altered	A
315 Wainui Road	Altered	A
362 Wainui Road	Altered	A
20 Kowhai Road	Altered	A
440 Wainui Road	Altered	A
42 Kowhai Road	Altered	A
411 Wainui Road	Altered	A
37 Kowhai Road	Altered	A
427 Wainui Road	Altered	A
295 Wainui Road	Altered	A
392 Wainui Road	Altered	A
297 Wainui Road	Altered	A
16 Lysnar Road	Altered	A
293A Wainui Road	Altered	A
500 Wainui Road	Altered	A
293B Wainui Road	Altered	A
293 Wainui Road	Altered	A

Attachment 3

**Auckland Transport North West Schedule and
Designation 14108 New Connection between Milldale and
Grand Drive conditions
(Strikethrough/underscore)**

Designation Schedule - Auckland Transport (1/3)

North and West

Number	Purpose	Location
1400	Service lane and car park	Leal Place, Manly
1401	Road	Hauti Drive to Blue Gum Drive, Warkworth
1402	Transferred to New Zealand Transport Agency (NZTA) on 30 October 2020	
1403	Lapsed	
1404	Road widening	309, 388 – 402, 441, 454A, 455, 456, 473, 475, 510, 514A, 516A, 518, 520, 522A, 525, 527, 529, 540, 597, 601, 609, 611, 637, 640, 642a, 644a, 663, 722, 724, 726, 728, 736, 740, 742, 746, 748, 750A, 752, 756, 758, 760, 770A, 772A, 772, 774, 849, 851, 853A, 1073, 1075 Whangaparaoa Road, Whangaparaoa 2 Cedar Terrace, Whangaparaoa 1, 3, 5, 9 Brightside Road, Whangaparaoa 1 Penton Road, Whangaparaoa 1 Tower Hill, Whangaparaoa 1, 7 Homestead Road, Whangaparaoa 2 Ladies Mile, Whangaparaoa 1 Zita Avenue, Whangaparaoa 1, 2 Scott Road, Whangaparaoa 2 D'Oyly Drive, Whangaparaoa
1406	Car park	Wharf Street, Warkworth
1407	Road widening	Corner of Hudson Road and State Highway 1, Warkworth
1408	Public car park	7A Rawene Road and 204 Hinemoa Street, Birkenhead
1409	Public car park	21 Sunnyhaven Avenue, Beach Haven
1410	Public car park	29 Anzac Road, Browns Bays
1411	Public car park	5 Bute Road, Browns Bay
1412	Public car park	472 Beach Road, Murrays Bay
1413	Public car park	3 Montrose Terrace, Mairangi Bay
1414	Withdrawn	
1415	Public car park	1A Jutland Road, Hauraki
1416	Public car park	14 Huron Street, Takapuna
1417	Withdrawn	
1418	Public car park	139 Kitchener Street, Milford
1419	Public car park	3-5 Fleet Street, Devonport
1420	Constellation Bus Station	62 Parkway Drive, Albany
1421	Albany Bus Station	A250 Oteha Valley Road and 125 McClymonts Road, Albany
1422	Intersection upgrade to provide priority access to the North Shore Busway for buses/high occupancy vehicles	Onewa Road and Sylvan Avenue, Northcote
1423	Akoranga Station	20 Takapuna Landing, Takapuna
1424	Akoranga Station link road	Takapuna Landing, Takapuna

1425	Akoranga Pedestrian Overbridge	20 Takapuna Landing (Akoranga Station), Takapuna (over State Highway 1) to 72 Akoranga Drive (Akoranga Campus), Northcote
1426	Westlake Station	Shakespeare Road (adjoins No. 78 Taharoto Road), Takapuna
1427	Sunnynook Station	168Z Sunnynook Road, Sunnynook
1428	Constellation Drive Station	62 Parkway Drive, Rosedale
1429	Wairau Road / Taharoto Road transport corridor widening and associated works	7-15 Wairau Road and 78Z Taharoto Road, Milford, Part Allotment 103 Parish of Takapuna and Part Allotment 91 Parish of Takapuna (2 Wairau Road, Takapuna)
1430	Public off-street parking ...	23-27 Sir Peter Blake Parade, Bayswater
1431	Road widening	107 Chivalry Road, Glenfield
1432	Road widening	43, 47-51, 55, 59, 65, 69 and 106 Anzac Street, Takapuna
1433	Transport corridor	Fred Taylor Drive, Massey/Whenuapai
1434	Road widening purposes	125A Metcalfe Road to 46 Ranui Station Road, Ranui
1435	Road widening purposes	Waitemata Drive (over Birdwood Park) to Waitemata Drive West, Ranui
1436	Withdrawn	
1437	Transport corridor	Hobsonville Road, Hobsonville
1438	Public car parking purposes	16 Delta Avenue, New Lynn
1439	Road widening access purposes	7 Fairbanks Place, Glendene
1441	Road widening access purposes	35 Ranui Station Road, Ranui
1442	Service lane	342-344 Great North Road (Henderson Square A), Henderson
1443	Service lane	2 Railside Avenue (Henderson Square B), Henderson
1444	Service lane	McNaughton Way to 11 High Brown Drive, New Lynn
1445	Service lane	60 James Laurie Street to 240C-D Great North Road, Henderson
1446	Lapsed	
1447	Road widening purposes	2-16, 24-26, 28-30 Clark Street, New Lynn
1448	Road widening purposes	1-3 Edmonton Road, Henderson
1449	Road widening purposes	267-287, 290-300, 295-297A, 301-309, 304-318A, 311-325, 429-447, 450, 4004-4012, 4007-4035, 4018, 4022-4024, 4040-4048, 4052-4054, 4070, 4087-4131, 4092-4094, 4098 and 4104-4118A Great North Road, 1-3 West Coast Road, 1 and 2 Montel Avenue, 2 Blacklock Avenue and 1 Buscomb Avenue, Henderson to Te Atatu
1450	Lapsed	
1452	Road widening purposes	241-275, 272-294, 281-314, 300-326, 330-332, 338-342 and 354-358 Te Atatu Road South, 93 Royal View Road, 1, 82 and 85 Jaemont Avenue, 1A and 2A Covil Avenue and 2A Bridge Avenue, Te Atatu
1453	Road widening purposes	2-14, 9-11, 17-35, 30, 40, 44-54, 45-49, 53, 58, 58-64, 65-171A, 68-68A, 74-114 and 118-160 Titirangi Road, 2 Margan Avenue and 1 and 2 Northall Road, Titirangi
1454	Road widening purposes	1-23, 2, 24-34, 25-33, 37-47, 53-59, 63A-141, 64-186, 198-274, 273-347, 282-312, 318-320, 326-360, 351A-409, 370-386 and 390-400 West Coast Road, 69-71 Clayburn Road and 1 Pleasant Road, Glen Eden
1455	Road widening purposes	1-25, 12-40, 37,47-55A, 52-54, 58, 78, 80A-82, 86-88, 92-94 Swanson Road, Henderson

1456	Withdrawn	
1457	Withdrawn	
1458	Public off-street parking ...	76 Swanson Road, Henderson
1459	Public off-street parking ...	2 Fenwick Avenue, Milford
1461	Public off-street parking ...	12 Channel View Road, Takapuna
1462	Withdrawn	
1463	Public off-street parking ...	20 Clarence Street, Devonport
1464	Withdrawn	
1465	Public off-street parking ...	85 Hurstmere Road, Takapuna
1466	Public off-street parking ...	41 Glenmall Road, Glen Eden
1467	Road widening	Hobsonville Road, Hobsonville
1468	Road widening	State Highway 16 (Westgate to Whenuapai)
1469	Road widening and improvement works.	Albany Highway, Albany
1470	The construction, operation and maintenance of a new road and improvements to the existing Gills Road.	Between Gills Road, Albany (south of Living Stream Road) to Oteha Valley Road (opposite Appian Way), from south of Living Stream Road along Gills Road to east of Lucas Creek bridge.
1471	Roading purposes	Between Mansel Drive and Falls Road, Warkworth.
1472	Withdrawn	
1473	Roading purposes	Land between Northside Drive West, Massey North and Trig Road, Whenuapai
1474	Construction, operation and maintenance of a new road link and associated wetland and improvements to the existing Glenvar Road.	Glenvar Ridge Road, Long Bay
1476	Road – Medallion Drive Link	56 Fairview Avenue, Albany
1477	Road widening and improvement works.	Lincoln Road, Henderson
1478	Road – Matakana Road Link	State Highway 1 to Matakana Road, Warkworth
1479	Construction, operation and maintenance of a road, cycleways, pedestrian paths and associated infrastructure.	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: • 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.

1480	Construction, operation and maintenance of a road, cycleways, pedestrian paths and associated infrastructure.	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: • 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
1481	The construction, operation and maintenance of an arterial transport corridor.	Coatesville-Riverhead Highway between State Highway 16 and Riverhead Road
1482	The construction, operation and maintenance of an arterial transport corridor	West of Don Buck Road in Redhills
1483	The construction, operation and maintenance of a transport corridor	Extending Dunlop Road west from Fred Taylor Drive in Redhills
1484	The construction, operation and maintenance of an arterial transport corridor.	Spedding Road in Whenuapai between Fred Taylor Drive and Hobsonville Road
1485	The construction, operation, and maintenance of an arterial transport corridor	Old State Highway 1 in Warkworth between Fairwater Road and the Rural Urban Boundary.
1486	The construction, operation and maintenance of an arterial transport corridor.	Sandspit Road between the Hill Street intersection and the Rural Urban Boundary.
1487	The construction, operation and maintenance of a public transport hub, urban arterial transport corridor, park and ride facility and associated facilities.	Intersection of Old State Highway 1 and Te Honohono ki Tai (Matakana Link Road) to the first bridge crossing on the proposed Western Link – North.
1488	The construction, operation and maintenance of an arterial transport corridor and associated facilities.	In the vicinity of Dairy Stream, between Top Road in Dairy Flat and East Coast Road in Stillwater
1489	The construction, operation and maintenance of an upgrade to Dairy Flat Highway for active mode facilities, safety improvements and associated facilities.	Dairy Flat Highway between Durey Road in Dairy Flat and Albany village
1490	The construction, operation and maintenance of an arterial transport corridor and associated facilities.	Between Dairy Flat Highway (at the intersection of Kahikatea Flat Road) and Wilks Road, Dairy Flat

1491	The construction, operation and maintenance of an upgrade and extension to Bawden Road to an arterial transport corridor and associated facilities.	Bawden Road between Dairy Flat Highway in Dairy Flat and State Highway 1 at the Ō Mahurangi Penlink (Redvale) Interchange
1492	The construction, operation and maintenance of an upgrade to East Coast Road to an arterial transport corridor and associated facilities.	East Coast Road between Hibiscus Coast Highway in Silverdale and Ō Mahurangi Penlink (Redvale) Interchange
1493	The construction, operation and maintenance, and improvement of a public transport station, facilities, and associated infrastructure.	Gunton Drive, Westgate (SEC 44 SO 430649, SECT 1 SO 596944)
1494	The construction, operation and maintenance of a transport corridor.	Trig Road in Whenuapai, between State Highway 18 and Hobsonville Road.
1495	The construction, operation and maintenance of an arterial transport corridor.	Woodcocks Road in Warkworth between Mansel Drive and Ara Tūnono (Puhoi to Warkworth)
1496	Construction, operation, and maintenance of an arterial transport corridor.	Access Road between State Highway 16 and Tawa Road.
1497	The construction, operation and maintenance of an upgrade to Dairy Flat Highway to an arterial transport corridor and associated facilities.	Dairy Flat Highway between Silverdale Interchange and Durey Road in Dairy Flat
1498	The construction, operation and maintenance of an arterial transport corridor.	Between Woodcocks Road and the Mahurangi River in Warkworth
1499	The construction, operation and maintenance of an arterial transport corridor.	Between the intersection of Matakana Road and Te Honohono ki Tai (Matakana Link Road) and Sandspit Road.
14100	The construction, operation and maintenance of a transport corridor.	East of Nixon Road in Redhills
14101	The construction, operation and maintenance of an arterial transport corridor.	Trig Road in Whenuapai between Brigham Creek Road and State Highway 18
14102	Construction, operation and maintenance of an arterial transport corridor.	Matakana Road in Warkworth between the Hill Street intersection to the Rural Urban Boundary.
14103	The construction, operation and maintenance of an arterial transport corridor.	Between Evelyn Street and the intersection of Old State Highway 1 and McKinney Road in Warkworth.
14104	The construction, operation and maintenance of an arterial transport corridor.	Māmari Road in Whenuapai between Brigham Creek Road and Northside Drive.

14105	The construction, operation and maintenance of an arterial transport corridor.	Brigham Creek Road in Whenuapai between State Highway 16 and State Highway 18.
14106	The construction, operation and maintenance of an arterial transport corridor.	Don Buck Road between Royal Road and Fred Taylor
14107	The construction, operation and maintenance of a transport corridor	Extending Baker Lane west from Fred Taylor Drive in Redhills
<u>14108</u>	<u>The construction, operation and maintenance of an arterial transport corridor and associated facilities.</u>	<u>Between Wainui Road in Milldale and Grand Drive in Upper Ōrewa</u>

Environment Court Decision = Green lines

14108 New Connection between Milldale and Grand Drive

<u>Designation Number</u>	14108
<u>Requiring Authority</u>	Auckland Transport
<u>Location</u>	Between Wainui Road in Milldale and Grand Drive in Upper Ōrewa
<u>Lapse Date</u>	In accordance with section 184(1)(c) of the RMA, this designation shall lapse if not given effect to within 30 years from the date on which it is included in the AUP.

Purpose

The construction, operation and maintenance of an arterial transport corridor and associated facilities.

Conditions

Abbreviations and definitions

<u>Acronym/Term</u>	<u>Definition</u>
<u>Activity sensitive to noise</u>	Any dwelling, visitor accommodation, boarding house, marae, papakāinga, integrated residential development, retirement village, supported residential care, care centre, lecture theatre in a tertiary Education Facility, classroom in an Education Facility and healthcare facility with an overnight stay facility
<u>AUP</u>	<u>Auckland Unitary Plan</u>
<u>BPO or Best Practicable Option</u>	Has the same meaning as in section 2 of the RMA 1991
<u>CEMP</u>	<u>Construction Environmental Management Plan</u>
<u>Certification of material changes to management plans</u>	Confirmation from the Manager that a material change to a management plan has been prepared in accordance with the condition to which it relates. A material change to a management plan shall be deemed certified: (a) where the Requiring Authority has received written confirmation from the Manager that the material change to the management plan is certified; or (b) 10 working days from the submission of the material change to the management plan where no written confirmation of certification has been received
<u>CMP</u>	<u>Cultural Monitoring Plan</u>
<u>CNVMP</u>	<u>Construction Noise and Vibration Management Plan</u>
<u>CNVMP Schedule or Schedule</u>	<u>A schedule to the CNVMP</u>
<u>Completion of Construction</u>	When construction of the project (or part of the project) is complete and it is available for use
<u>Confirmed Biodiversity Areas</u>	Areas recorded in the Identified Biodiversity Area Schedule where the ecological values and effects have been confirmed through the ecological survey under Condition 28
<u>Construction Works</u>	Activities undertaken to construct the project excluding Enabling Works
<u>Council</u>	<u>Auckland Council</u>
<u>CTMP</u>	<u>Construction Traffic Management Plan</u>

<u>Developer</u>	<u>Any legal entity that intends to master plan or develop land adjacent to the designation</u>
<u>Development Agency</u>	<u>Public entities involved in development projects</u>
<u>Education Facility</u>	<u>Facility used for education to secondary level.</u> <u>Includes:</u> • <u>schools and outdoor education facilities; and</u> • <u>accommodation, administrative, cultural, religious, health, retail and communal facilities accessory to the above.</u> <u>Excludes:</u> • <u>care centres; and</u> • <u>tertiary education facilities.</u>
<u>EIANZ Guidelines</u>	<u>Ecological Impact Assessment: EIANZ Guidelines for use in New Zealand: terrestrial and freshwater ecosystems, second edition, dated May 2018</u>
<u>EMP</u>	<u>Ecological Management Plan</u>
<u>Enabling Works</u>	<u>Includes, but is not limited to, the following and similar activities:</u> (a) <u>geotechnical investigations (including trial embankments);</u> (b) <u>archaeological site investigations;</u> (c) <u>formation of access for geotechnical investigations;</u> (d) <u>establishment of site yards, site entrances and fencing;</u> (e) <u>constructing and sealing site access roads;</u> (f) <u>demolition or removal of buildings and structures;</u> (g) <u>relocation of services; and</u> (h) <u>establishment of mitigation measures (such as erosion and sediment control measures, temporary noise walls, earth bunds and planting)</u>
<u>HHMP</u>	<u>Historic Heritage Management Plan</u>
<u>HNZPT</u>	<u>Heritage New Zealand Pouhere Taonga</u>
<u>HNZPTA</u>	<u>Heritage New Zealand Pouhere Taonga Act 2014</u>
<u>Identified Biodiversity Area</u>	<u>Means an area or areas of features of ecological value where the project ecologist has identified that the project will potentially have a moderate or greater level of ecological effect, prior to implementation of impact management measures, as determined in accordance with the EIANZ Guidelines</u>
<u>Manager</u>	<u>The Manager – Resource Consents of the Auckland Council, or authorised delegate</u>
<u>Mana Whenua</u>	<u>Mana Whenua as referred to in the conditions are considered to be, but not limited to, the following (in no particular order), who at the time of Notice of Requirement expressed a desire to be involved in the project:</u> (a) <u>Ngāti Manuhiri</u> (b) <u>Te Kawerau ā Maki</u> (c) <u>Te Ākitai Waiohū</u> (d) <u>Ngāti Whanaunga</u> (e) <u>Te Runanga o Ngāti Whātua</u> (f) <u>Ngāti Maru</u> (g) <u>Te Patu Kirikiri</u> (h) <u>Ngāti Whātua o Kaipara</u> (i) <u>Ngāti Tamaterā</u> (j) <u>Ngai Tai ki Tāmaki</u> (k) <u>Ngāti Paoa Iwi Trust</u> (l) <u>Ngāti Paoa Trust Board</u> <u>Note: other iwi not identified above may have an interest in the project and should be consulted</u>
<u>Network Utility Operator</u>	<u>Has the same meaning as set out in section 166 of the RMA</u>
<u>NIMP</u>	<u>Network Integration Management Plan</u>

<u>NoR</u>	<u>Notice of Requirement</u>
<u>North Growth Area</u>	Land for future urban development in the North of Auckland, including Future Urban zoned areas in Ara Hills, Ōrewa, Wainui East, Silverdale West, Redvale and Dairy Flat
<u>NUMP</u>	<u>Network Utilities Management Plan</u>
<u>Outline Plan</u>	<u>An outline plan prepared in accordance with section 176A of the RMA</u>
<u>Overland Flow Path</u>	Means a low point in terrain, excluding a permanent watercourse or intermittent river or stream, where surface runoff will flow, with an upstream contributing catchment exceeding 4,000m ²
<u>Project Liaison Person</u>	The person or persons appointed for the duration of the project's Construction Works to be the main point of contact for persons wanting information about the project or affected by the Construction Works
<u>Protected Premises and Facilities (PPF)</u>	Protected Premises and Facilities as defined in New Zealand Standard NZS 6806:2010: <i>Acoustics – Road-traffic noise – New and altered roads</i>
<u>Requiring Authority</u>	Has the same meaning as section 166 of the RMA and, for this designation is Auckland Transport
<u>RMA</u>	<u>Resource Management Act 1991</u>
<u>SCEMP</u>	<u>Stakeholder Communication and Engagement Management Plan</u>
<u>Stakeholder</u>	Stakeholders to be identified in accordance with Condition 4, which may include as appropriate: (a) adjacent owners and occupiers; (b) adjacent business owners and operators; (c) central and local government bodies; (d) community groups; (e) developers; (f) development agencies; (g) Education Facilities; and (h) Network Utility Operators.
<u>Stage of Work</u>	<u>Any physical works that require the development of an Outline Plan</u>
<u>Start of Construction</u>	<u>The time when Construction Works (excluding Enabling Works) start</u>
<u>Suitably Qualified Person</u>	<u>A person (or persons) who can provide sufficient evidence to demonstrate their suitability, experience and competence in the relevant field of expertise.</u>
<u>ULDMP</u>	<u>Urban and Landscape Design Management Plan</u>

<u>General conditions</u>	
1.	<u>Activity in General Accordance with Plans and Information</u> (a) <u>Except as provided for in the conditions below, and subject to final design and Outline Plan(s), works within the designation shall be undertaken in general accordance with the project description and concept plan in Schedule 1.</u> (b) <u>Where there is inconsistency between:</u> (i) <u>the project description and concept plan in Schedule 1 and the requirements of the following conditions, the conditions shall prevail;</u> (ii) <u>the project description and concept plan in Schedule 1, and the management plans under the conditions of the designation, the requirements of the management plans shall prevail.</u>
2.	<u>Project Information</u> (a) <u>A project website, or equivalent virtual information source, shall be established as soon as reasonably practicable, and within six months of the inclusion of this designation in the AUP. This shall be updated as required so it remains current.</u> (b) <u>All directly affected owners and occupiers shall be notified in writing as soon as reasonably practicable once the website or equivalent information source has been established. The project website or virtual information source shall include these conditions and shall provide information on:</u> (i) <u>the status of the project;</u> (ii) <u>anticipated construction timeframes;</u> (iii) <u>contact details for enquiries;</u> (iv) <u>the implications of the designation for landowners, occupiers and business owners and operators within the designation and where they can receive additional advice;</u> (v) <u>a subscription service to enable receipt of project updates by email;</u> (vi) <u>the types of activities that can be undertaken by landowners without the need for written consent to be obtained under s176(1)(b) of the RMA; and</u> (vii) <u>when and how to apply for consent for works in the designation under section 176(1)(b) of the RMA.</u> (c) <u>At ten yearly intervals from the inclusion of this designation in the AUP until the start of detailed design, the Requiring Authority shall identify appropriate methods with the relevant Local Board(s) to:</u> (i) <u>inform the wider community of the project status; and</u> (ii) <u>raise awareness of the project website.</u> (d) <u>At the start of detailed design for a Stage of Work, the project website or virtual information source shall be updated to provide information on the likely date for Start of Construction, and any Staging of Works.</u>

3.	<u>Land use Integration Process</u> (a) <u>The Requiring Authority shall set up a Land use Integration Process for the period between confirmation of the designation and the Start of Construction. The purpose of this process is to encourage and facilitate the integration of master planning and land use development activity on land directly affected or adjacent to the designation. To achieve this purpose:</u> (i) <u>the Requiring Authority shall include the contact details of a nominated contact on the project website (or equivalent information source) required to be established by Condition 2(b)(iii); and</u> (ii) <u>the nominated contact shall be the main point of contact for a Developer or Development Agency wanting to work with the Requiring Authority to integrate their development plans or master planning with the designation.</u> (b) <u>At any time prior to the Start of Construction, the nominated contact will be available to engage with a Developer or Development Agency for the purpose of:</u> (i) <u>responding to requests made to the Requiring Authority for information regarding design details that could assist with land use integration; and</u> (ii) <u>receiving information from a Developer or Development Agency regarding master planning or land development details that could assist with land use integration.</u> (c) <u>Information requested or provided under Condition 3(b) above may include but not be limited to the following matters:</u> (i) <u>design details including but not limited to:</u> A. <u>boundary treatment (e.g. the use of retaining walls or batter slopes);</u> B. <u>the horizontal and vertical alignment of the road (levels);</u> C. <u>potential locations for mid-block crossings;</u> D. <u>integration of stormwater infrastructure; and</u> E. <u>traffic noise modelling contours.</u> (ii) <u>potential modifications to the extent of the designation in response to information received through Condition 3(b)(ii);</u> (iii) <u>a process for the Requiring Authority to undertake a technical review of or provide comments on any master planning or development proposal advanced by the Developer or Development Agency as it relates to integration with the project; and</u> (iv) <u>details of how to apply for written consent from the Requiring Authority for any development proposal that relates to land that is within the designation under section 176(1)(b) of the RMA.</u> (d) <u>Where information is requested from the Requiring Authority and is available, the nominated contact shall provide the information unless there are reasonable grounds for not providing it.</u> (e) <u>The nominated contact shall maintain a record of the engagement between the Requiring Authority and Developers and Development Agencies for the period following the date in which this designation is included in the AUP through to the Start of Construction for a Stage of Work. The record shall include:</u> (i) <u>details of any requests made to the Requiring Authority that could influence detailed design, the results of any engagement and, where such requests that could influence detailed design are declined, the reasons why the Requiring Authority has declined the requests; and</u> (ii) <u>details of any requests to co-ordinate the forward work programme, where appropriate, with Development Agencies and Network Utility Operators.</u> (f) <u>The record shall be submitted to Council for information 10 working days prior to the Start of Construction for a Stage of Work</u>

4.	<u>Stakeholder Communication and Engagement Design</u> (a) <u>At least six months prior to the start of detailed design for a Stage of Work, the Requiring Authority shall identify:</u> (i) <u>a list of Stakeholders;</u> (ii) <u>a list of properties within the designation which the Requiring Authority does not own or have occupation rights to; and</u> (iii) <u>methods to engage with Stakeholders and the owners and occupiers of properties identified in (a)(i) – (ii) above.</u> (b) <u>A record of (a) shall be submitted to the Manager for information with an Outline Plan for the relevant Stage of Work.</u>
5.	<u>Designation Review</u> <u>Pre-construction review</u> If the land adjacent to the designation is re-zoned from Future Urban or any live urban zone to any rural zone (once made operative in the Auckland Unitary Plan), the Requiring Authority shall review the extent of the designation. In carrying out this review, the Requiring Authority shall: (i) <u>Consider the implications of any zoning change and integration of land use with the transport network in the North Growth Area;</u> (ii) <u>Identify whether any areas of designated land are no longer required for the construction, operation, maintenance or mitigation of effects of the project; and</u> (iii) <u>Consider whether the boundaries of the designation require modification in accordance with section 182 of the RMA.</u> <u>Post-construction review</u> As soon as reasonably practicable following Completion of Construction, the Requiring Authority shall: (i) <u>review the extent of the designation to identify any areas of designated land that it no longer requires for the on-going operation, maintenance or mitigation of effects of the project; and</u> (ii) <u>give notice to the Manager in accordance with section 182 of the RMA for the removal of those parts of the designation identified above.</u>
6.	<u>Lapse</u> In accordance with section 184(1)(c) of the RMA, this designation shall lapse if not given effect to within 30 years from the date on which it is included in the AUP.
7.	<u>Network Utility Operators (Section 176 Approval)</u> (a) <u>Prior to the Start of Construction, Network Utility Operators with existing infrastructure located within the designation will not require written consent under section 176 of the RMA for the following activities:</u> (i) <u>operation, maintenance and repair works;</u> (ii) <u>minor renewal works to existing network utilities necessary for the on-going provision or security of supply of network utility operations;</u> (iii) <u>minor works such as new service connections; and</u> (iv) <u>the upgrade and replacement of existing network utilities in the same location with the same or similar effects on the works authorised by the designation as the existing utility.</u> (b) <u>To the extent that a record of written approval is required for the activities listed above, this condition shall constitute written approval.</u>

8.	<u>General Section 176 Approval</u> (a) <u>Prior to the start of the formal acquisition process under the Public Works Act 1981 for a property, or submission of the Outline Plan, persons on properties zoned Rural or Future Urban will not require written consent under section 176 of the RMA for the following activities:</u> (i) <u>Internal alterations;</u> (ii) <u>Repair of existing utility services;</u> (iii) <u>One extension to an existing structure as at 2023, up to 30m²; and</u> (iv) <u>Temporary or relocatable structures, provided they are removed from the site and the land is reinstated (including closing and capping any associated services) at the landowner's expense prior to the Start of Construction. The landowner shall be responsible for any resource consent required for the structures, their removal or relocation.</u> (b) <u>To the extent that a record of written approval is required for the activities listed above, this condition shall constitute written approval.</u>
<u>Pre-construction conditions</u>	
9.	<u>Outline Plan</u> (a) <u>An Outline Plan (or Plans) shall be prepared in accordance with section 176A of the RMA.</u> (b) <u>Outline Plans (or Plan) may be submitted in parts or in stages to address particular activities (e.g. design or construction aspects), or a Stage of Work of the project.</u> (c) <u>Outline Plans shall include any management plan or plans that are relevant to the management of effects of those activities or Stage of Work, which may include:</u> (i) <u>Construction Environmental Management Plan;</u> (ii) <u>Construction Traffic Management Plan;</u> (iii) <u>Construction Noise and Vibration Management Plan;</u> (iv) <u>Urban and Landscape Design Management Plan;</u> (v) <u>Historic Heritage Management Plan;</u> (vi) <u>Ecological Management Plan;</u> (vii) <u>Network Utilities Management Plan; and</u> (viii) <u>Network Integration Management Plan.</u>
	<u>Flood Hazard</u> <u>For the purpose of Condition 10:</u> (a) <u>AEP – means Annual Exceedance Probability;</u> (b) <u>Existing Authorised Habitable Floor – means the floor level of any room (floor) in a residential building which is authorised and exists at the time the Outline Plan is submitted, excluding a laundry, bathroom, toilet or any room used solely as an entrance hall, passageway or garage;</u> (c) <u>Flood Prone Area – means potential ponding areas that may flood in a 1% AEP event and commonly comprise of topographical depression areas. The areas can occur naturally or as a result of constructed features. Identification of a potential Flood Prone Area would be by an assessment of residual flood risk in a 1% AEP event (e.g. from blockage of the project stormwater network) on land outside and adjacent to the designation following the application of Conditions (10)(a)(i) – (iv).</u> (d) <u>Maximum Probable Development – is the design case for consideration of future flows allowing for development within a catchment that takes into account the maximum impervious surface limits of the current zone or if the land is zoned Future Urban in the AUP, the probable level of development arising from zone changes;</u> (e) <u>Pre-Project Development – means existing site condition prior to the project (including existing buildings and roadways); and</u> (f) <u>Post-Project Development – means site condition after the project has been completed (including existing and new buildings and roadways).</u>

10.	<u>Flood Hazard</u> (a) <u>The project shall be designed to achieve the following flood risk outcomes beyond the boundary of the designation:</u> (i) <u>no increase in flood levels in a 1% AEP event for Existing Authorised Habitable Floors that are already subject to flooding or have a freeboard less than 500mm;</u> (ii) <u>no increase in flood levels in a 1% AEP event for authorised community, commercial, industrial and network utility building floors existing at the time the Outline Plan is submitted that are already subject to flooding or have a freeboard less than 300mm;</u> (iii) <u>maximum of 50mm increase in flood levels in a 1% AEP event outside and adjacent to the designation boundary between the Pre-Project Development and Post-Project Development scenarios;</u> (iv) <u>no increase of Flood Hazard Class for the main access to authorised habitable dwellings existing at the time the Outline Plan is submitted. The assessment shall be undertaken for the 1% AEP rainfall event and reference the hazard class in accordance with Schedule 2 to these conditions; and</u> (v) <u>no new Flood Prone Areas.</u> (b) <u>Compliance with this condition shall be demonstrated in the Outline Plan, which shall include flood modelling of the Pre-Project Development and Post-Project Development 1% AEP flood levels (for Maximum Probable Development land use with allowances for climate change).</u> (c) <u>Where:</u> (i) <u>the flood risk outcomes in (a) can be achieved through alternative measures outside of the designation such as flood stop banks, flood walls, raising Existing Authorised Habitable Floor level and new overland flow paths; or</u> (ii) <u>the outcomes are varied at specific location(s) through agreement with the relevant landowner,</u> <u>confirmation shall be provided to the Manager that any necessary landowner agreement and statutory approvals have been obtained for that alternative measure or varied outcome.</u>
11.	<u>Overland Flow Paths</u> <u>Where the project modifies an Overland Flow Path by either:</u> • <u>diverting the entry or exit point at the designation boundary; or</u> • <u>piping, or reducing its capacity;</u> <u>the design shall provide for the continued passage of flow in a manner which manages potential effects upstream and downstream of the modified Overland Flow Path.</u>
12.	<u>Existing property access</u> <u>Prior to submission of the Outline Plan, consultation shall be undertaken with landowners and occupiers whose vehicle access to their property will be altered by the project. The Outline Plan shall demonstrate how safe reconfigured or alternate access will be provided, unless otherwise agreed with the affected landowner.</u>

13.	<u>Management Plans</u> (a) <u>Any management plan shall:</u> (i) <u>be prepared and implemented in accordance with the relevant management plan condition;</u> (ii) <u>be prepared by a Suitably Qualified Person(s);</u> (iii) <u>include sufficient detail relating to the management of effects associated with the relevant activities and/or Stage of Work to which it relates;</u> (iv) <u>be submitted as part of an Outline Plan pursuant to section 176A of the RMA, with the exception of SCEMPs and CNVMP Schedules; and</u> (v) <u>once finalised, uploaded to the project website or equivalent virtual information source.</u> (b) <u>Any management plan developed in accordance with Condition 13 may:</u> (i) <u>be submitted in parts or in stages to address particular activities (e.g. design or construction aspects), a Stage of Work of the project, or to address specific activities authorised by the designation; and</u> (ii) <u>except for material changes, be amended to reflect any changes in design, construction methods or management of effects without further process;</u> (c) <u>Information shall be submitted with the management plan (or revised plan as referred to in (d) below) which summarises outcomes of consultation and any input received from Mana Whenua and Stakeholders as required by the relevant management plan condition. The summary shall note how this input has been incorporated or reflected in the management plan, or if not, the reasons why;</u> (d) <u>If there is a material change required to a management plan which has been submitted with an Outline Plan, the revised part of the plan shall be submitted to the Manager as an update to the Outline Plan or for Certification as soon as practicable following identification of the need for a revision; and</u> (e) <u>Any material changes to the SCEMP(s) are to be submitted to the Manager for information.</u>
14.	<u>Stakeholder Communication and Engagement Management Plan (SCEMP)</u> (a) <u>A SCEMP shall be prepared in consultation with relevant Stakeholders prior to the Start of Construction. The objective of the SCEMP is to identify how the public and Stakeholders will be engaged with throughout Construction Works.</u> (b) <u>To achieve the objective, the SCEMP shall include:</u> (i) <u>a list of Stakeholders;</u> (ii) <u>the contact details for the Project Liaison Person. These details shall be on the project website, or equivalent virtual information source, and prominently displayed at the main entrance(s) to the site(s);</u> (iii) <u>methods for engaging with Mana Whenua, to be developed in consultation with Mana Whenua;</u> (iv) <u>methods and timing to engage with owners and occupiers whose access is directly affected;</u> (v) <u>methods to communicate key project milestones and the proposed hours of construction activities including outside of normal working hours and on weekends and public holidays, to the parties identified in (b)(i) above; and</u> (vi) <u>linkages and cross-references to communication and engagement methods set out in other conditions and management plans where relevant.</u> (c) <u>Any SCEMP prepared for a Stage of Work shall be submitted to the Manager for information a minimum of 10 working days prior to the Start of Construction for a Stage of Work.</u>

15.	<u>Cultural Advisory Report</u> (a) <u>At least six months prior to the start of detailed design for a Stage of Work, Mana Whenua shall be invited to prepare a Cultural Advisory Report for the project. The objective of the Cultural Advisory Report is to assist in understanding and identifying ngā taonga tuku iho (treasures handed down by our ancestors) affected by the project, to inform their management and protection.</u> (b) <u>To achieve the objective, the Requiring Authority shall invite Mana Whenua to prepare a Cultural Advisory Report that:</u> (i) <u>identifies the cultural sites, landscapes and values that have the potential to be affected by the construction and operation of the project;</u> (ii) <u>sets out the desired outcomes for management of potential effects on cultural sites, landscapes and values;</u> (iii) <u>identifies traditional cultural practices within the area that may be impacted by the project;</u> (iv) <u>identifies opportunities for restoration and enhancement of identified cultural sites, landscapes and values within the project area;</u> (v) <u>taking into account the outcomes of (i) to (iv) above, identify cultural matters and principles that should be considered in the development of the ULDMP (Condition 16) and HHMP (Condition 27) and the CMP referred to in Condition 21; and</u> (vi) <u>identifies and (if possible) nominates traditional names along the project alignment. Noting there may be formal statutory processes outside the project required in any decision-making.</u> (c) <u>The desired outcomes for management of potential effects on cultural sites, landscapes and values identified in the Cultural Advisory Report shall be discussed with Mana Whenua and those outcomes reflected in the relevant management plans where practicable; and</u> (d) <u>Conditions 15(b) and (c) will cease to apply if:</u> (i) <u>Mana Whenua have been invited to prepare a Cultural Advisory Report by a date at least six months prior to the Start of Construction; and</u> (ii) <u>Mana Whenua have not provided a Cultural Advisory Report within six months prior to the Start of Construction.</u>
	<u>Urban and Landscape Design Management Plan (ULDMP)</u>
16.	(a) <u>A ULDMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the ULDMP(s) is to:</u> (i) <u>enable integration of the project's permanent works into the surrounding landscape and urban context; and</u> (ii) <u>ensure that the project manages potential adverse landscape and visual effects as far as practicable and contributes to a quality urban environment.</u> (b) <u>Mana Whenua shall be invited to participate in the development of the ULDMP(s) to provide input into relevant cultural landscape and design matters including how desired outcomes for management of potential effects on cultural sites, landscapes and values identified and discussed in the Cultural Advisory Report in Condition 15 may be reflected in the ULDMP.</u> (c) <u>Relevant Stakeholders shall be invited to participate in the development of the ULDMP at least six months prior to the start of detailed design for a Stage of Work.</u>

17.	(a) <u>To achieve the objective set out in Condition 16, the ULDMP(s) shall provide details of how the project:</u> (i) <u>is designed to integrate with the adjacent urban (or proposed urban) and landscape context, including the surrounding existing or proposed topography, urban environment (eg. centres and density of built form), natural environment, landscape character and open space zones;</u> (ii) <u>provides appropriate walking and cycling connectivity to, and interfaces with, existing or proposed adjacent land uses, public transport infrastructure and walking and cycling connections;</u> (iii) <u>promotes inclusive access (where appropriate);</u> (iv) <u>promotes a sense of personal safety by aligning with best practice guidelines, such as:</u> A. <u>Crime Prevention Through Environmental Design (CPTED) principles;</u> B. <u>Safety in Design (SID) requirements; and</u> C. <u>Maintenance in Design (MID) requirements and anti-vandalism/anti-graffiti measures;</u> (v) <u>has responded to matters identified through the Land use Integration Process (Condition 3); and</u> (b) <u>The ULDMP shall be prepared in general accordance with:</u> (i) <u>Auckland Transport's Urban Roads and Streets Design Guide, or any subsequent or updated version;</u> (ii) <u>New Zealand Transport Agency Urban Design Guidelines: Bridging the Gap (2013) or any subsequent updated version;</u> (iii) <u>New Zealand Transport Agency Landscape Guidelines (2018) or any subsequent updated version;</u> (iv) <u>New Zealand Transport Agency P39 Standard Specification for Highway Landscape Treatments (2013) or any subsequent updated version; and</u> (v) <u>Auckland's Urban Ngahere (Forest) Strategy or any subsequent updated version.</u>

18.	<u>The ULDMP(s) shall include:</u> (a) <u>a concept plan – which depicts the overall landscape and urban design concept, and explain the rationale for the landscape and urban design proposals;</u> (b) <u>developed design concepts, including principles for walking and cycling facilities and public transport;</u> (c) <u>landscape and urban design details – that cover the following:</u> (i) <u>road design – elements such as intersection form, carriageway gradient and associated earthworks contouring including cut and fill batters and the interface with adjacent land uses and existing roads (including slip lanes), benching, spoil disposal sites, median width and treatment, roadside width and treatment;</u> (ii) <u>roadside elements – such as lighting, fencing, wayfinding and signage;</u> (iii) <u>architectural and landscape treatment of all major structures, including bridges and retaining walls;</u> (iv) <u>architectural and landscape treatment of noise barriers;</u> (v) <u>landscape treatment and planting of permanent stormwater control wetlands and swales;</u> (vi) <u>integration of passenger transport;</u> (vii) <u>pedestrian and cycle facilities including paths, road crossings and dedicated pedestrian/ cycle bridges or underpasses;</u> (viii) <u>historic heritage places with reference to the HHMP (Condition 27); and</u> (ix) <u>re-instatement of construction and site compound areas; and</u> (x) <u>features disturbed during construction and intended to be reinstated such as:</u> A. <u>boundary features;</u> B. <u>driveways;</u> C. <u>accessways; and</u> D. <u>fences.</u> (d) <u>the ULDMP shall also include the following planting and maintenance details:</u> (i) <u>planting design details including:</u> A. <u>identification of existing trees and vegetation that will be retained with reference to the EMP (Condition 29). Where practicable, mature trees and native vegetation should be retained;</u> B. <u>street trees, shrubs and ground cover suitable for the location;</u> C. <u>treatment of fill slopes to integrate with adjacent land use, streams, riparian margins and open space zones;</u> D. <u>identification of any planting requirements under the EMP (Condition 29);</u> E. <u>integration of any planting required by conditions of any resource consents for the project; and</u> F. <u>re-instatement planting of construction and site compound areas as appropriate.</u> (ii) <u>a planting programme including the staging of planting in relation to the construction programme which shall, as far as practicable, include provision for planting within each planting season following completion of each Stage of Work; and</u> (iii) <u>detailed specifications relating to the following:</u> A. <u>weed control and clearance;</u> B. <u>pest animal management (to support plant establishment);</u> C. <u>ground preparation (top soiling and decompaction);</u> D. <u>mulching; and</u> E. <u>plant sourcing and planting, including hydroseeding and grassing, and use of eco-sourced species.</u>

<u>Construction conditions</u>	
19.	<u>Construction Environmental Management Plan (CEMP)</u> (a) <u>A CEMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the CEMP is to set out the management procedures and construction methods to be undertaken to avoid, remedy or mitigate any adverse effects associated with Construction Works as far as practicable.</u> (b) <u>To achieve the objective, the CEMP shall include:</u> (i) <u>the roles and responsibilities of staff and contractors;</u> (ii) <u>details of the site or project manager and the Project Liaison Person, including their contact details (phone and email address);</u> (iii) <u>the Construction Works programmes and the staging approach, and the proposed hours of work;</u> (iv) <u>details of the proposed construction yards including temporary screening when adjacent to residential areas;</u> (v) <u>details of the proposed construction lighting;</u> (vi) <u>methods for controlling dust and the removal of debris and demolition of construction materials from public roads or places;</u> (vii) <u>methods for providing for the health and safety of the general public;</u> (viii) <u>measures to mitigate flood hazard effects such as siting stockpiles out of floodplains, minimising obstruction to flood flows, actions to respond to warnings of heavy rain;</u> (ix) <u>procedures for incident management;</u> (x) <u>location and procedures for the refuelling and maintenance of plant and equipment to avoid discharges of fuels or lubricants to watercourses;</u> (xi) <u>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;</u> (xii) <u>procedures for responding to complaints about Construction Works; and</u> (xiii) <u>methods for amending and updating the CEMP as required.</u>
20.	<u>Complaints Process</u> (a) <u>At all times during Construction Works, a record of any complaints received about the Construction Works shall be maintained. The record shall include:</u> (i) <u>the date, time and nature of the complaint;</u> (ii) <u>the name, phone number and address of the complainant (unless the complainant wishes to remain anonymous);</u> (iii) <u>measures taken to respond to the complaint (including a record of the response provided to the complainant) or confirmation of no action if deemed appropriate;</u> (iv) <u>the outcome of the investigation into the complaint; and</u> (v) <u>any other activities in the area, unrelated to the project that may have contributed to the complaint, such as non-project construction, fires, traffic accidents or unusually dusty conditions generally.</u> (b) <u>A copy of the complaints record required by this condition shall be made available to the Manager upon request as soon as practicable after the request is made.</u>

21.	<u>Cultural Monitoring Plan (CMP)</u> (a) <u>Prior to the Start of Construction, a CMP shall be prepared by a Suitably Qualified Person(s) identified in collaboration with Mana Whenua. The objective of the CMP is to identify methods for undertaking cultural monitoring to assist with management of any cultural effects during Construction Works.</u> (b) <u>To achieve the objective, the CMP shall include:</u> (i) <u>requirements for formal dedication or cultural interpretation to be undertaken prior to the Start of Construction in areas identified as having significance to Mana Whenua;</u> (ii) <u>requirements and protocols for cultural inductions for contractors and subcontractors;</u> (iii) <u>identification of activities, sites and areas where cultural monitoring is required during particular Construction Works;</u> (iv) <u>identification of personnel to undertake cultural monitoring, including any geographic definition of their responsibilities; and</u> (v) <u>details of personnel to assist with management of any cultural effects identified during cultural monitoring, including implementation of the Accidental Discovery Protocol</u> (c) <u>If Enabling Works involving soil disturbance are undertaken prior to the Start of Construction, an Enabling Works CMP shall be prepared by a Suitably Qualified Person identified in collaboration with Mana Whenua. This plan may be prepared as a standalone Enabling Works CMP or be included in the main Construction Works CMP.</u> <u>Advice note:</u> <u>Where appropriate, the CMP shall align with the requirements of other conditions of the designation and resource consents for the project which require monitoring during Construction Works.</u>

22.	<u>Construction Traffic Management Plan (CTMP)</u> (a) <u>A CTMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the CTMP is to avoid, remedy or mitigate, as far as practicable, adverse construction traffic effects.</u> (b) <u>To achieve this objective, the CTMP shall include:</u> (i) <u>methods to manage the effects of temporary traffic management activities on traffic;</u> (ii) <u>measures to ensure the safety of all transport users;</u> (iii) <u>the estimated numbers, frequencies, routes and timing of traffic movements, including any specific non-working or non-movement hours to manage vehicular and pedestrian traffic near Education Facilities or to manage traffic congestion;</u> (iv) <u>site access routes and access points for heavy vehicles, the size and location of parking areas for plant, construction vehicles and the vehicles of workers and visitors;</u> (v) <u>identification of detour routes and other methods to ensure the safe management and maintenance of traffic flows, including public transport, pedestrians and cyclists;</u> (vi) <u>methods to maintain access to and within property and/or private roads where practicable, or to provide alternative arrangements when it will not be, including details of how access is managed for loading and unloading of goods;</u> (vii) <u>the management approach to loads on heavy vehicles, including covering loads of fine material, the use of wheel-wash facilities at site exit points and the timely removal of any material deposited or spilled on public roads;</u> (viii) <u>methods that will be undertaken to communicate traffic management measures to affected road users (e.g. residents / public / Stakeholders / emergency services);</u> (ix) <u>details of minimum network performance parameters during the construction phase, including any measures to monitor compliance with the performance parameters; and</u> (x) <u>details of any measures proposed to be implemented in the event of thresholds identified in (ix) being exceeded.</u> (c) <u>Auditing, monitoring and reporting requirements relating to traffic management activities shall be undertaken in accordance with the New Zealand Guide to Temporary Traffic Management (April 2023) or any subsequent version.</u>

23.	<u>Construction Noise Standards</u> (a) <u>Construction noise shall be measured and assessed in accordance with NZS6803:1999 Acoustics – Construction Noise and shall comply with the noise standards set out in the following table as far as practicable:</u> <u>Table 23-1 Construction Noise Standards</u> <table border="1"> <tr> <th><u>Day of week</u></th><th><u>Time period</u></th><th><u>L_{Aeq}(15min)</u></th><th><u>L_{AFmax}</u></th></tr> <tr> <td colspan="4"><u>Occupied activity sensitive to noise</u></td></tr> <tr> <td rowspan="4"><u>Weekday</u></td><td><u>0630h - 0730h</u></td><td><u>55 dB</u></td><td><u>75 dB</u></td></tr> <tr> <td><u>0730h - 1800h</u></td><td><u>70 dB</u></td><td><u>85 dB</u></td></tr> <tr> <td><u>1800h - 2000h</u></td><td><u>65 dB</u></td><td><u>80 dB</u></td></tr> <tr> <td><u>2000h - 0630h</u></td><td><u>45 dB</u></td><td><u>75 dB</u></td></tr> <tr> <td rowspan="4"><u>Saturday</u></td><td><u>0630h - 0730h</u></td><td><u>45 dB</u></td><td><u>75 dB</u></td></tr> <tr> <td><u>0730h - 1800h</u></td><td><u>70 dB</u></td><td><u>85 dB</u></td></tr> <tr> <td><u>1800h - 2000h</u></td><td><u>45 dB</u></td><td><u>75 dB</u></td></tr> <tr> <td><u>2000h - 0630h</u></td><td><u>45 dB</u></td><td><u>75 dB</u></td></tr> <tr> <td rowspan="4"><u>Sunday and Public Holidays</u></td><td><u>0630h - 0730h</u></td><td><u>45 dB</u></td><td><u>75 dB</u></td></tr> <tr> <td><u>0730h - 1800h</u></td><td><u>55 dB</u></td><td><u>85 dB</u></td></tr> <tr> <td><u>1800h - 2000h</u></td><td><u>45 dB</u></td><td><u>75 dB</u></td></tr> <tr> <td><u>2000h - 0630h</u></td><td><u>45 dB</u></td><td><u>75 dB</u></td></tr> <tr> <td colspan="4"><u>Other occupied buildings</u></td></tr> <tr> <td rowspan="2"><u>All</u></td><td><u>0730h – 1800h</u></td><td><u>70 dB</u></td><td></td></tr> <tr> <td><u>1800h – 0730h</u></td><td><u>75 dB</u></td><td></td></tr> </table> (b) <u>Where compliance with the noise standards set out in Table 23-1 is not practicable, the methodology in Condition 26 shall apply.</u>	<u>Day of week</u>	<u>Time period</u>	<u>L_{Aeq}(15min)</u>	<u>L_{AFmax}</u>	<u>Occupied activity sensitive to noise</u>				<u>Weekday</u>	<u>0630h - 0730h</u>	<u>55 dB</u>	<u>75 dB</u>	<u>0730h - 1800h</u>	<u>70 dB</u>	<u>85 dB</u>	<u>1800h - 2000h</u>	<u>65 dB</u>	<u>80 dB</u>	<u>2000h - 0630h</u>	<u>45 dB</u>	<u>75 dB</u>	<u>Saturday</u>	<u>0630h - 0730h</u>	<u>45 dB</u>	<u>75 dB</u>	<u>0730h - 1800h</u>	<u>70 dB</u>	<u>85 dB</u>	<u>1800h - 2000h</u>	<u>45 dB</u>	<u>75 dB</u>	<u>2000h - 0630h</u>	<u>45 dB</u>	<u>75 dB</u>	<u>Sunday and Public Holidays</u>	<u>0630h - 0730h</u>	<u>45 dB</u>	<u>75 dB</u>	<u>0730h - 1800h</u>	<u>55 dB</u>	<u>85 dB</u>	<u>1800h - 2000h</u>	<u>45 dB</u>	<u>75 dB</u>	<u>2000h - 0630h</u>	<u>45 dB</u>	<u>75 dB</u>	<u>Other occupied buildings</u>				<u>All</u>	<u>0730h – 1800h</u>	<u>70 dB</u>		<u>1800h – 0730h</u>	<u>75 dB</u>	
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24.	<u>Construction Vibration Standards</u> (a) <u>Construction vibration shall be measured in accordance with ISO 4866:2010 Mechanical vibration and shock – Vibration of fixed structures – Guidelines for the measurement of vibrations and evaluation of their effects on structures and shall comply with the vibration standards set out in the following table as far as practicable.</u> <u>Table 24-1 Construction Vibration Standards</u> <table border="1"> <tr> <th><u>Receiver</u></th><th><u>Details</u></th><th><u>Category A*</u></th><th><u>Category B**</u></th></tr> <tr> <td rowspan="2"><u>Occupied activities sensitive to noise</u></td><td><u>Night-time 2000h - 0630h</u></td><td><u>0.3mm/s ppv</u></td><td><u>2mm/s ppv</u></td></tr> <tr> <td><u>Daytime 0630h - 2000h</u></td><td><u>2mm/s ppv</u></td><td><u>5mm/s ppv</u></td></tr> <tr> <td><u>Other occupied buildings</u></td><td><u>Daytime 0630h - 2000h</u></td><td><u>2mm/s ppv</u></td><td><u>5mm/s ppv</u></td></tr> <tr> <td><u>All other buildings</u></td><td><u>At all other times</u></td><td colspan="2"><u>Tables 1 and 3 of DIN4150-3:1999</u></td></tr> </table> * <u>Category A criteria adopted from Rule E25.6.30.1 of the AUP</u> ** <u>Category B criteria based on DIN 4150-3:1999 building damage criteria for daytime</u> (b) <u>Where compliance with the vibration standards set out in Table 24-1 is not practicable, the methodology in Condition 26 shall apply.</u>	<u>Receiver</u>	<u>Details</u>	<u>Category A*</u>	<u>Category B**</u>	<u>Occupied activities sensitive to noise</u>	<u>Night-time 2000h - 0630h</u>	<u>0.3mm/s ppv</u>	<u>2mm/s ppv</u>	<u>Daytime 0630h - 2000h</u>	<u>2mm/s ppv</u>	<u>5mm/s ppv</u>	<u>Other occupied buildings</u>	<u>Daytime 0630h - 2000h</u>	<u>2mm/s ppv</u>	<u>5mm/s ppv</u>	<u>All other buildings</u>	<u>At all other times</u>	<u>Tables 1 and 3 of DIN4150-3:1999</u>																																								
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<u>All other buildings</u>	<u>At all other times</u>	<u>Tables 1 and 3 of DIN4150-3:1999</u>																																																									

25.	<u>Construction Noise and Vibration Management Plan (CNVMP)</u> (a) <u>A CNVMP shall be prepared prior to the Start of Construction for Stage of Work. A CNVMP shall be implemented during the Stage of Work to which it relates. The objective of the CNVMP is to provide a framework for the development and implementation of the Best Practicable Option for the management of construction noise and vibration effects to achieve the construction noise and vibration standards set out in Conditions 23 and 24 to the extent practicable.</u> (b) <u>To achieve the objective, the CNVMP shall be prepared in accordance with Annex E2 of the New Zealand Standard NZS6803:1999 'Acoustics – Construction Noise' (NZS6803:1999) and shall as a minimum, address the following:</u> (i) <u>description of the works and anticipated equipment/processes;</u> (ii) <u>hours of operation, including times and days when construction activities would occur;</u> (iii) <u>the construction noise and vibration standards for the project;</u> (iv) <u>identification of receivers where noise and vibration standards apply;</u> (v) <u>a hierarchy of management and mitigation options, including any requirements to limit night works and works during other sensitive times, including Sundays and public holidays as far as practicable;</u> (vi) <u>methods and frequency for monitoring and reporting on construction noise and vibration;</u> (vii) <u>procedures for communication and engagement with nearby residents and Stakeholders, including notification of proposed construction activities, the period of construction activities, and management of noise and vibration complaints;</u> (viii) <u>contact details of the Project Liaison Person;</u> (ix) <u>procedures for the regular training of the operators of construction equipment to minimise noise and vibration as well as expected construction site behaviours for all workers;</u> (x) <u>procedures and requirements for the preparation of a Schedule to the CNVMP (Schedule) for those areas where compliance with the noise Condition 23 and/or vibration standards Condition 24 Category B will not be practicable;</u> (xi) <u>identification of trigger levels for undertaking building condition surveys, which shall be Category B day time levels;</u> (xii) <u>procedures and trigger levels for undertaking building condition surveys before and after works to determine whether any cosmetic or structural damage has occurred as a result of construction vibration;</u> (xiii) <u>methodology and programme of desktop and field audits and inspections to be undertaken to ensure that the CNVMP, Schedules and the Best Practicable Option for management of effects are being implemented; and</u> (xiv) <u>requirements for review and update of the CNVMP.</u>

26.	<u>Schedule to a CNVMP</u> (a) <u>A Schedule to the CNVMP (Schedule) shall be prepared prior to the Start of Construction of an activity to which it relates by a Suitably Qualified Person, in consultation with the owners and occupiers of sites subject to the Schedule, when:</u> (i) <u>construction noise is either predicted or measured to exceed the noise standards in Condition 23, except where the exceedance of the L_{Aeq} criteria is no greater than 5 decibels and does not exceed:</u> A. <u>0630 – 2000: 2 periods of up to 2 consecutive weeks in any 2 months;</u> <u>or</u> B. <u>2000 - 0630: 1 period of up to 2 consecutive nights in any 10 days;</u> (ii) <u>construction vibration is either predicted or measured to exceed the Category B standard at the receivers in Condition 24.</u> (b) <u>The objective of the Schedule is to set out the Best Practicable Option measures to manage noise and/or vibration effects of the construction activity beyond those measures set out in the CNVMP.</u> (c) <u>To achieve the objective, the Schedule shall include details such as:</u> (i) <u>construction activity location, start and finish dates;</u> (ii) <u>the nearest neighbours to the construction activity;</u> (iii) <u>the predicted noise and/or vibration level for all receivers where the levels are predicted or measured to exceed the applicable standards and predicted duration of the exceedance;</u> (iv) <u>for works proposed between 2000h and 0630h, the reasons why the proposed works must be undertaken during these hours and why they cannot be practicably undertaken during the daytime;</u> (v) <u>the proposed mitigation options that have been selected, and the options that have been discounted as being impracticable and the reasons why;</u> (vi) <u>the consultation undertaken with owners and occupiers of sites subject to the Schedule, and how consultation has and has not been taken into account; and</u> (vii) <u>location, times and types of monitoring.</u> (d) <u>The Schedule shall be submitted to the Manager for Certification at least five working days (except in unforeseen circumstances) in advance of Construction Works that are covered by the scope of the Schedule and shall form part of the CNVMP.</u> (e) <u>The CNVMP Schedule shall be deemed certified five working days from the submission of the CNVMP Schedule where no written confirmation of Certification has been received.</u> (f) <u>Where material changes are made to a Schedule required by this condition, the Requiring Authority shall consult the owners and/or occupiers of sites subject to the Schedule prior to submitting the amended Schedule to the Manager for Certification in accordance with (d) above. The amended Schedule shall document the consultation undertaken with those owners and occupiers, and how consultation outcomes have and have not been taken into account.</u>

27.	<u>Historic Heritage Management Plan (HHMP)</u> (a) <u>A HHMP shall be prepared in consultation with Council, HNZPT and Mana Whenua prior to the Start of Construction for a Stage of Work. The objective of the HHMP is to protect historic heritage and to remedy and mitigate any residual effects as far as practicable.</u> (b) <u>To achieve the objective, the HHMP shall identify:</u> (i) <u>any adverse direct and indirect effects on historic heritage sites and measures to appropriately avoid, remedy or mitigate any such effects, including a tabulated summary of these effects and measures;</u> (ii) <u>methods for the identification and assessment of potential historic heritage places within the designation to inform detailed design;</u> (iii) <u>known historic heritage places and potential archaeological sites within the designation, including identifying any archaeological sites for which an Archaeological Authority under the HNZPTA will be sought or has been granted;</u> (iv) <u>any unrecorded archaeological sites or post-1900 heritage sites within the designation, which shall also be documented and recorded;</u> (v) <u>roles, responsibilities and contact details of project personnel, Council and HNZPT representatives, Mana Whenua representatives, and relevant agencies involved with heritage and archaeological matters including surveys, monitoring of Construction Works, compliance with AUP accidental discovery rule, and monitoring of conditions;</u> (vi) <u>specific areas to be investigated, monitored and recorded to the extent these are directly affected by the project;</u> (vii) <u>the proposed methodology for investigating and recording post-1900 historic heritage sites (including buildings) that need to be destroyed, demolished or relocated, including details of their condition, measures to mitigate any adverse effects and timeframe for implementing the proposed methodology, in accordance with the HNZPT Archaeological Guidelines Series No.1: Investigation and Recording of Buildings and Standing Structures (November 2018), or any subsequent version;</u> (viii) <u>methods to acknowledge cultural values identified through Condition 15 where archaeological sites also involve ngā taonga tuku iho (treasures handed down by our ancestors) and where feasible and practicable to do so;</u> (ix) <u>methods for avoiding, remedying or mitigating adverse effects on historic heritage places and sites within the designation during Construction Works as far as practicable. These methods shall include, but are not limited to:</u> A. <u>security fencing or hoardings around historic heritage places to protect them from damage during construction or unauthorised access;</u> B. <u>measures to mitigate adverse effects on historic heritage sites that achieve positive historic heritage outcomes such as increased public awareness and interpretation signage; and</u> C. <u>training requirements and inductions for contractors and subcontractors on historic heritage places within the designation, legal obligations relating to unexpected discoveries and the AUP Accidental Discovery Rule (E11.6.1). The training shall be undertaken prior to the Start of Construction, under the guidance of a Suitably Qualified Person and Mana Whenua representatives (to the extent the training relates to cultural values identified under Condition 15).</u> <u>Advice note:</u> <u>Accidental Discoveries</u> <u>The requirements for accidental discoveries of heritage items are set out in Rule E11.6.1 of the AUP.</u>

28.	<u>Pre-Construction Ecological Survey</u> (a) <u>At the start of detailed design for a Stage of Work, an updated ecological survey shall be undertaken in the relevant geographic area by a Suitably Qualified Person. The purpose of the survey is to inform ecological management by:</u> (i) <u>confirming whether the species of value within the Identified Biodiversity Areas recorded in the Identified Biodiversity Area Schedule 3 are still present; and</u> (ii) <u>confirming whether the project will or is likely to have a moderate or greater level of ecological effect on species of value (prior to implementation of impact management measures). The level of effect shall be determined in accordance with Table 10 of the EIANZ Guidelines (or subsequent updated version of that table) as included in Schedule 4 of these conditions.</u> (b) <u>If the ecological survey confirms the presence of ecological species of value in accordance with Condition 28(a)(i) and that effects are likely in accordance with Condition 28(a)(ii) then an Ecological Management Plan (or Plans) shall be prepared in accordance with Condition 29 for these areas (Confirmed Biodiversity Areas).</u>

29.	<u>Ecological Management Plan (EMP)</u> (a) <u>An EMP shall be prepared for any Confirmed Biodiversity Areas (confirmed through Condition 28) prior to the Start of Construction for a Stage of Work. The objective of the EMP is to minimise effects of the project on the ecological features of value in Confirmed Biodiversity Areas as far as practicable.</u> (b) <u>If an EMP is required in accordance with (a) for the presence of long tail bats, the EMP may include the following to achieve the objective:</u> (i) <u>measures to minimise as far as practicable, disturbance from construction activities within 50m of any active long tail bat roosts that are discovered through survey until such roosts are confirmed to be vacant of bats;</u> (ii) <u>timing of any Construction Works within 50m of any active maternity long tail bat roosts. Those Construction Works shall be undertaken outside the bat maternity period (between December and March) where reasonably practicable;</u> (iii) <u>details of areas where vegetation is to be retained and where additional planting is proposed to be provided and maintained for the purposes of the connectivity of long tail bat habitats; and</u> (iv) <u>details of measures to minimise any operational disturbance from light spill.</u> (c) <u>If an EMP is required in accordance with (a) for the presence of Threatened or At-Risk birds (excluding wetland birds), the EMP may include the following to achieve the objective:</u> (i) <u>timing of any Construction Works which may have adverse effects on Threatened or At-Risk birds (excluding wetland birds). Those Construction Works shall be undertaken outside the bird breeding season (September to February) where practicable; and</u> (ii) <u>where works are required within the area identified in the Confirmed Biodiversity Area during the bird breeding season, methods to minimise adverse effects on Threatened or At-Risk birds.</u> (d) <u>If an EMP is required in accordance with (a) for the presence of Threatened or At-Risk wetland birds, the EMP may include the following to achieve the objective:</u> (i) <u>details of any nesting bird surveys of Threatened or At-Risk wetland birds. Nesting bird surveys shall be undertaken within any wetland that is both within a Confirmed Biodiversity Area and located within a 50m radius of Construction Works. Surveys shall be undertaken prior to any such works taking place and repeated at the beginning of each wetland bird breeding season until the Completion of Construction;</u> (ii) <u>timing of any Construction Works which may have adverse effects on Threatened or At-Risk wetland birds. Those Construction Works shall be undertaken outside of the bird breeding season (September to February) where practicable;</u> (iii) <u>where works are required within the Confirmed Biodiversity Area during the bird breeding season, methods to minimise adverse effects on Threatened or At-Risk wetland birds; and</u> (iv) <u>details of what protection and buffer measures are proposed to manage effects on nesting Threatened or At-Risk wetland birds identified through a survey undertaken in accordance with Condition (d)(i). Proposed measures shall address:</u> A. <u>the type, intensity and duration of construction activity;</u> B. <u>the likely sensitivity of the nesting bird species to the construction activity; and</u> C. <u>any environmental features (e.g., vegetation and contour) that could influence the extent of potential adverse effects on the Threatened or At-Risk wetland birds; and</u> (v) <u>details of measures to minimise any operational disturbance from light spill.</u> (e) <u>The EMP shall be consistent with any ecological management measures to be undertaken in compliance with conditions of any regional resource consents granted for the project.</u>

	<u>Advice note:</u> Depending on the potential effects of the project, the regional consents for the project may include the following monitoring and management plans: (i) <u>stream and/or wetland restoration plans;</u> (ii) <u>vegetation restoration plans; and</u> (iii) <u>fauna management plans (e.g. avifauna).</u>
30.	<u>Network Utility Management Plan (NUMP)</u> (a) <u>A NUMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the NUMP is to set out a framework for protecting, relocating and working in proximity to existing network utilities.</u> (b) <u>To achieve the objective, the NUMP shall include methods to:</u> (i) <u>provide access for maintenance at all reasonable times, or emergency works at all times during construction activities;</u> (ii) <u>protect and where necessary, relocate existing network utilities;</u> (iii) <u>manage the effects of dust and any other material potentially resulting from construction activities and able to cause material damage, beyond normal wear and tear to overhead transmission lines in the project area;</u> (iv) <u>demonstrate compliance with relevant standards and Codes of Practice including, where relevant, the NZECP 34:2001 New Zealand Electrical Code of Practice for Electrical Safe Distances 2001; AS/NZS 4853:2012 Electrical hazards on Metallic Pipelines, and AS/NZS 2885 Pipelines – Gas and Liquid Petroleum.</u> (c) <u>The NUMP shall be prepared in consultation with the relevant Network Utility Operator(s) who have existing assets that are directly affected by the project.</u> (d) <u>The development of the NUMP shall consider opportunities to coordinate future work programmes with other Network Utility Operator(s) during detailed design where practicable.</u> (e) <u>The NUMP shall describe how any comments from the Network Utility Operator in relation to its assets have been addressed.</u> (f) <u>Any comments received from the Network Utility Operator shall be considered when finalising the NUMP.</u> (g) <u>Any amendments to the NUMP related to the assets of a Network Utility Operator shall be prepared in consultation with that asset owner.</u>
31.	<u>Network Integration Management Plan (NIMP)</u> (a) <u>At least six months prior to the start of detailed design for a Stage of Work, the Requiring Authority shall prepare, in collaboration with other relevant road controlling authorities, a NIMP.</u> (b) <u>The objective of the NIMP is to identify how the project will integrate with the planned transport network in the North Growth Area to achieve an effective, efficient and safe land transport system. To achieve this objective, the NIMP shall include details of the:</u> (i) <u>project implementation approach and any staging of the project, including both design, management and operational matters; and</u> (ii) <u>sequencing of the project with the planned transport network, including both design, management and operational matters.</u>

<u>Operational condition</u>	
32.	<u>Low Noise Road Surface</u> (a) <u>Asphaltic concrete surfacing (or equivalent low noise road surface) shall be implemented within 12 months of Completion of Construction of the project.</u> (b) <u>The asphaltic concrete surface shall be maintained as far as practicable to retain the noise reduction performance of the surface established in accordance with (a), unless Condition 33 applies.</u>
33.	<u>Future Resurfacing Work</u> (a) <u>Any future resurfacing works of the project shall be undertaken in accordance with the Auckland Transport Reseal Guidelines, Asset Management and Systems 2013 or any updated version and asphaltic concrete surfacing (or equivalent low noise road surface) shall be implemented where:</u> (i) <u>the volume of traffic exceeds 10,000 vehicles per day;</u> (ii) <u>the road is subject to high wear and tear (such as cul de sac heads, roundabouts and main road intersections);</u> (iii) <u>it is in an industrial or commercial area where there is a high concentration of truck traffic; or</u> (iv) <u>it is subject to high usage by pedestrians, such as town centres, hospitals, shopping centres and schools.</u> (b) <u>Prior to commencing any future resurfacing works, the Requiring Authority shall advise the Manager if any of the triggers in Condition 33(a)(i) – (iv) are not met by the road or a section of it and therefore where the application of asphaltic concrete surfacing (or equivalent low noise road surface) is no longer required on the road or a section of it. Such advice shall also indicate when any resealing is to occur.</u>
	<u>Traffic Noise</u> <u>For the purposes of Conditions 34 to 39:</u> (a) <u>Building-Modification Mitigation – has the same meaning as in NZS 6806;</u> (b) <u>Design year has the same meaning as in NZS 6806;</u> (c) <u>Detailed Mitigation Options – means the fully detailed design of the Selected Mitigation Options, with all practical issues addressed;</u> (d) <u>Habitable Space – has the same meaning as in NZS 6806;</u> (e) <u>Identified Noise Criteria Category – means the Noise Criteria Category for a PPF identified in Schedule 5: Identified PPFs Noise Criteria Categories;</u> (f) <u>Mitigation – has the same meaning as in NZS 6806:2010 Acoustics – Road-traffic noise – New and altered roads;</u> (g) <u>Noise Criteria Categories – means the groups of preference for sound levels established in accordance with NZS 6806 when determining the Best Practicable Option for noise mitigation (i.e. Categories A, B and C);</u> (h) <u>NZS 6806 – means New Zealand Standard NZS 6806:2010 Acoustics – Road-traffic noise – New and altered roads;</u> (i) <u>Protected Premises and Facilities (PPFs) – means only the premises and facilities identified in Schedule 5: Identified PPFs Noise Criteria Categories;</u> (j) <u>Selected Mitigation Options – means the preferred mitigation option resulting from a Best Practicable Option assessment undertaken in accordance with NZS 6806 taking into account any low noise road surface to be implemented in accordance with Condition 32; and</u> (k) <u>Structural Mitigation – has the same meaning as in NZS 6806.</u>

34.	<u>The Noise Criteria Categories identified in Schedule 5: Identified PPFs Noise Criteria Categories at each of the PPFs shall be achieved where practicable and subject to Conditions 34 to 39 (all traffic noise conditions).</u> <u>The Noise Criteria Categories do not need to be complied with at a PPF where:</u> (a) <u>the PPF no longer exists; or</u> (b) <u>agreement of the landowner has been obtained confirming that the Noise Criteria Category does not need to be met.</u> <u>Achievement of the Noise Criteria Categories for PPFs shall be by reference to a traffic forecast for a high growth scenario in a design year at least 10 years after the programmed opening of the project.</u>
35.	<u>As part of the detailed design of the project, a Suitably Qualified Person shall determine the Selected Mitigation Options for the PPFs identified on Schedule 5: Identified PPFs Noise Criteria Categories.</u> <u>For the avoidance of doubt, the low noise road surface implemented in accordance with Condition 32 may be (or be part of) the Selected Mitigation Option(s).</u>
36.	<u>Prior to the Start of Construction of the project, a Suitably Qualified Person shall develop the Detailed Mitigation Options for the PPFs identified in Schedule 5: Identified PPFs Noise Criteria Categories, taking into account the Selected Mitigation Options.</u>
37.	<u>If the Detailed Mitigation Options would result in the Identified Noise Criteria Category changing to a less stringent Category, e.g. from Category A to B or Category B to C, at any relevant PPF, a Suitably Qualified Person shall provide confirmation to the Manager that the Detailed Mitigation Option would be consistent with adopting the Best Practicable Option in accordance with NZS 6806 prior to implementation.</u>
38.	<u>The Detailed Mitigation Options shall be implemented prior to Completion of Construction of the project, with the exception of any low-noise road surfaces, which shall be implemented within 12 months of Completion of Construction.</u>
39.	<u>Any barriers required by the Detailed Mitigation Options shall be maintained so they retain their noise reduction performance as far as practicable.</u>

Attachments

Schedule 1: General Accordance Plans and Information

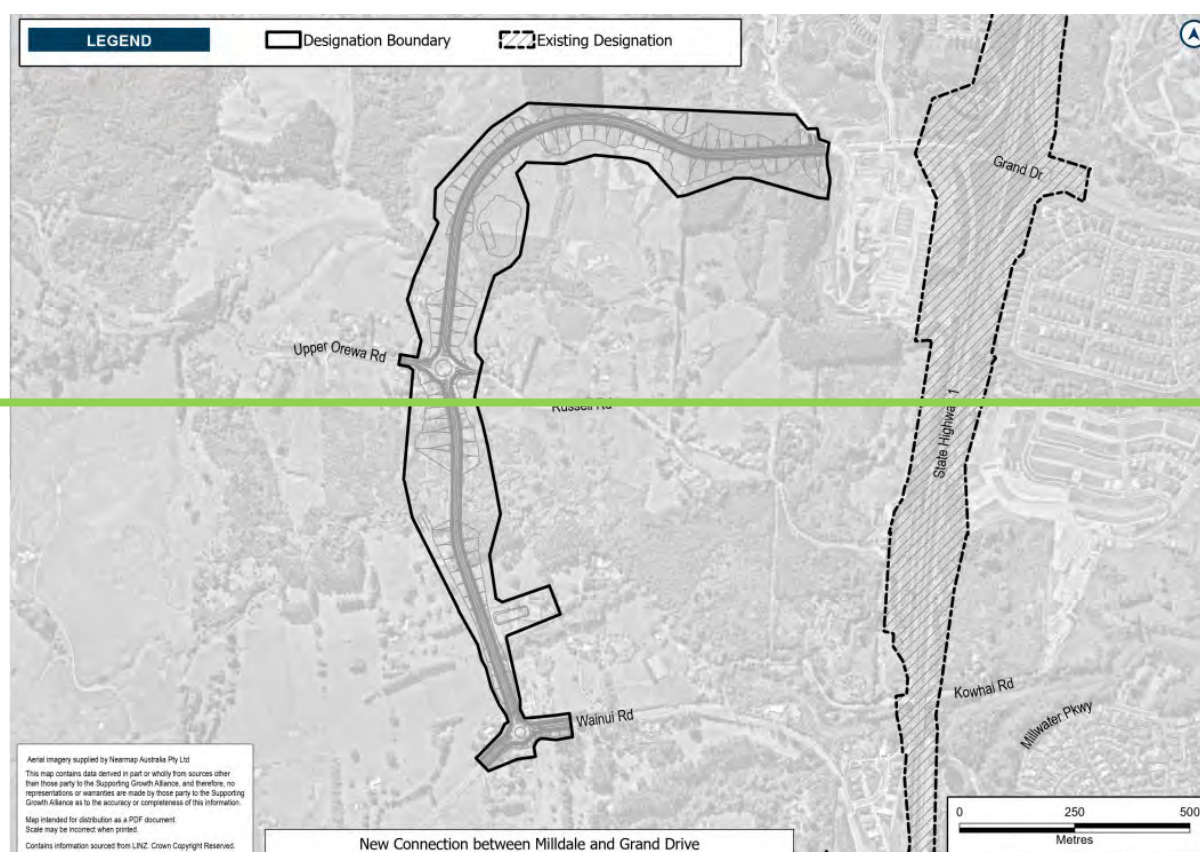
Project Description

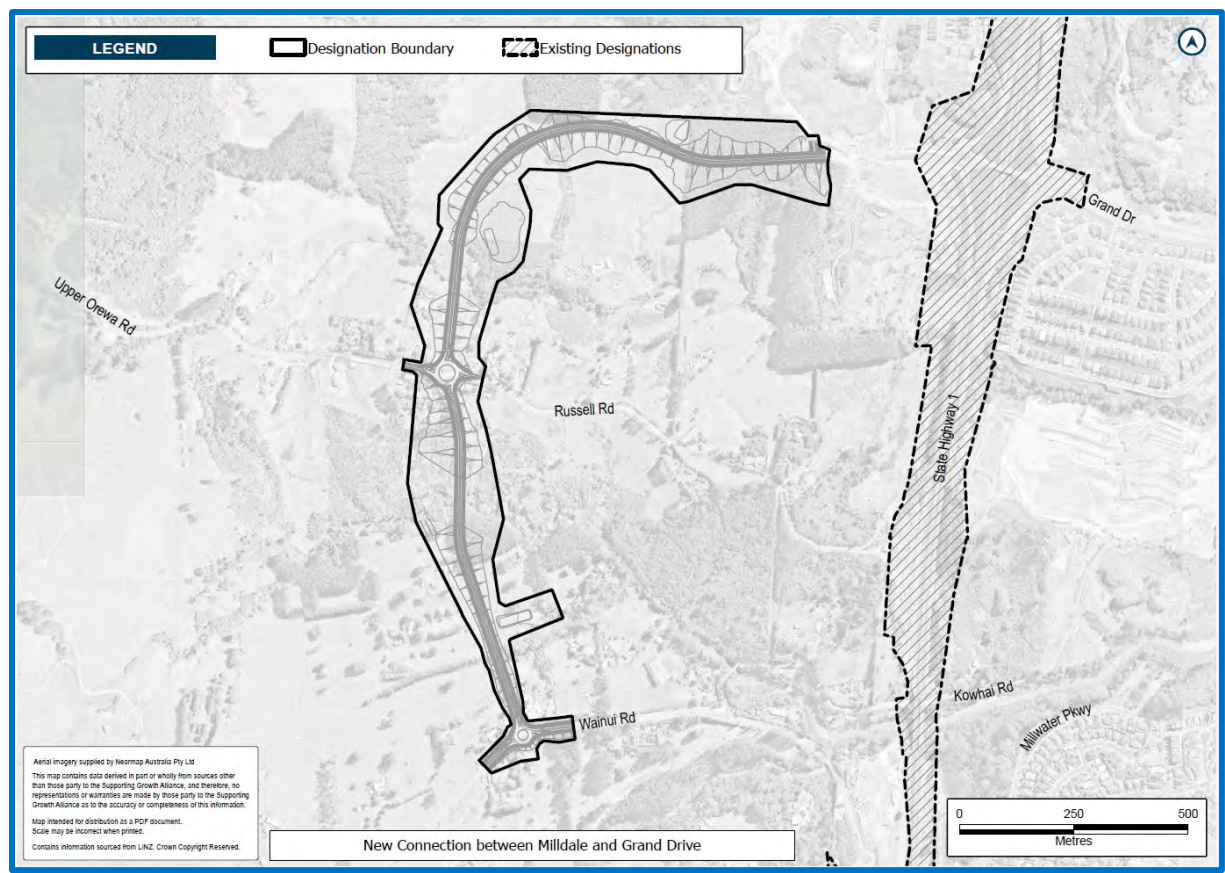
The proposed work is the construction, operation and maintenance of an urban arterial corridor between Wainui Road in Milldale and Grand Drive in Upper Ōrewa, including active transport facilities and associated infrastructure.

The proposed work is shown in the following Concept Plan and includes:

- Construction of an urban arterial corridor with walking and cycling facilities.
- Tie-ins with existing roads and localised widening around the existing intersections to accommodate new intersection forms.
- New or upgraded stormwater management systems, bridges and culverts (where applicable).
- Batter slopes, and associated cut and fill activities (earthworks).
- Vegetation removal.
- Other construction related activities required outside the permanent corridor including the re-grade of driveways, construction traffic manoeuvring and construction laydown areas.

Concept Plan

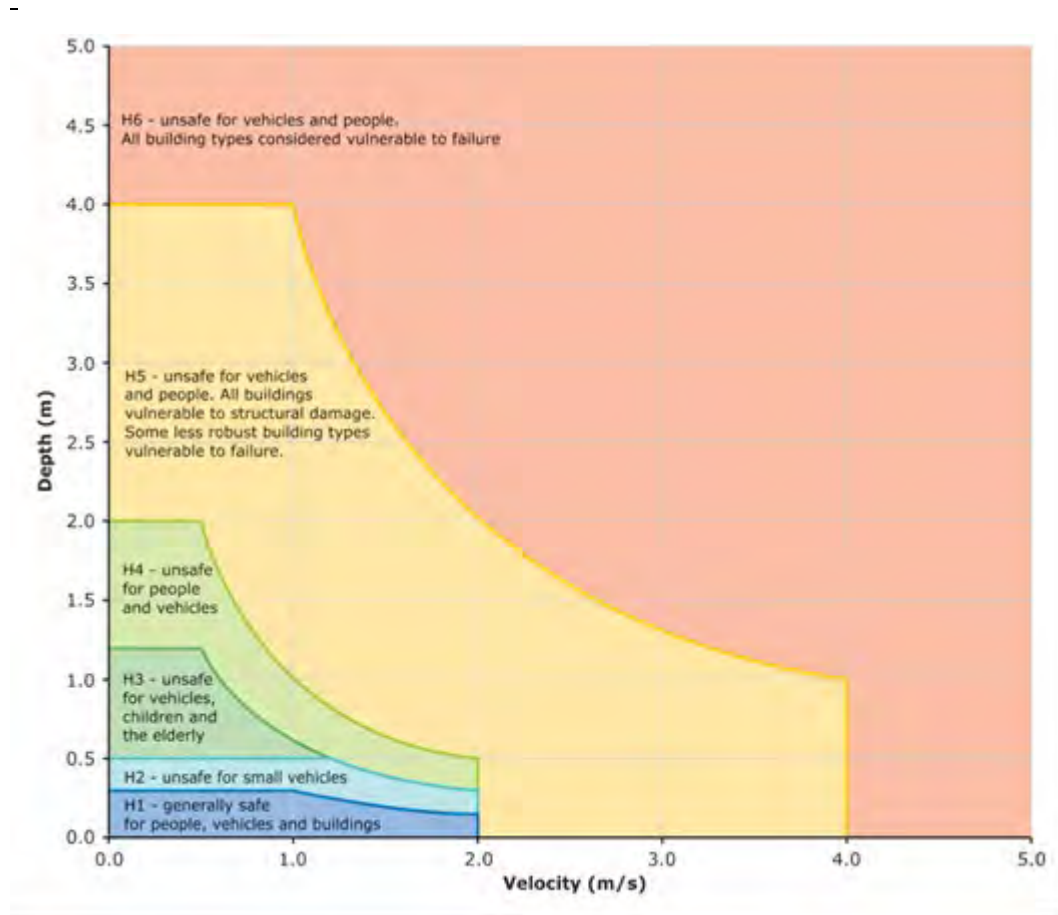




Schedule 2 – Flood Hazard Class

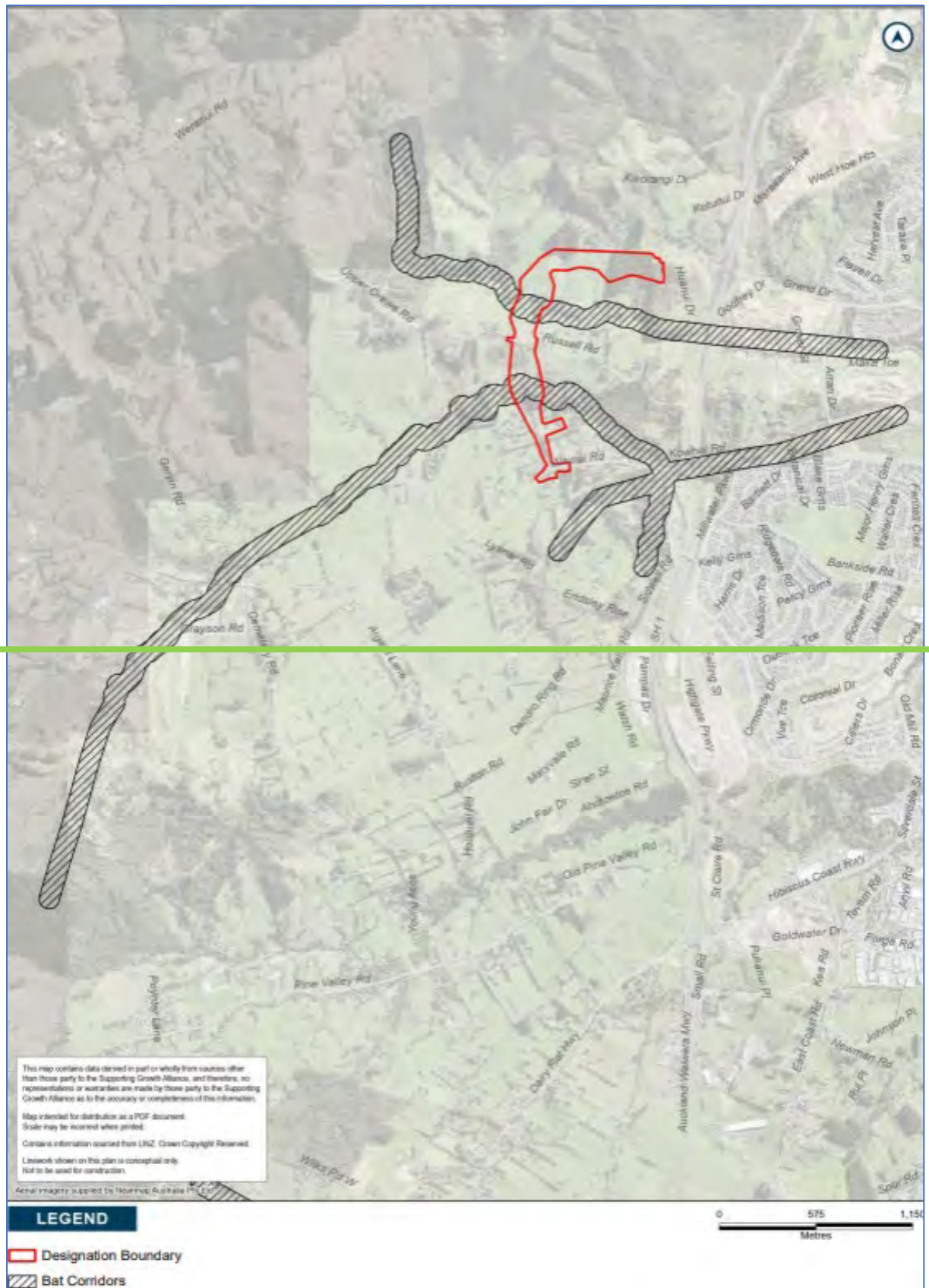
The combined flood hazard curves shown below set hazard thresholds that relate to the vulnerability of the community when interacting with floodwaters. The combined curves are divided into hazard classifications that relate to specific vulnerability thresholds

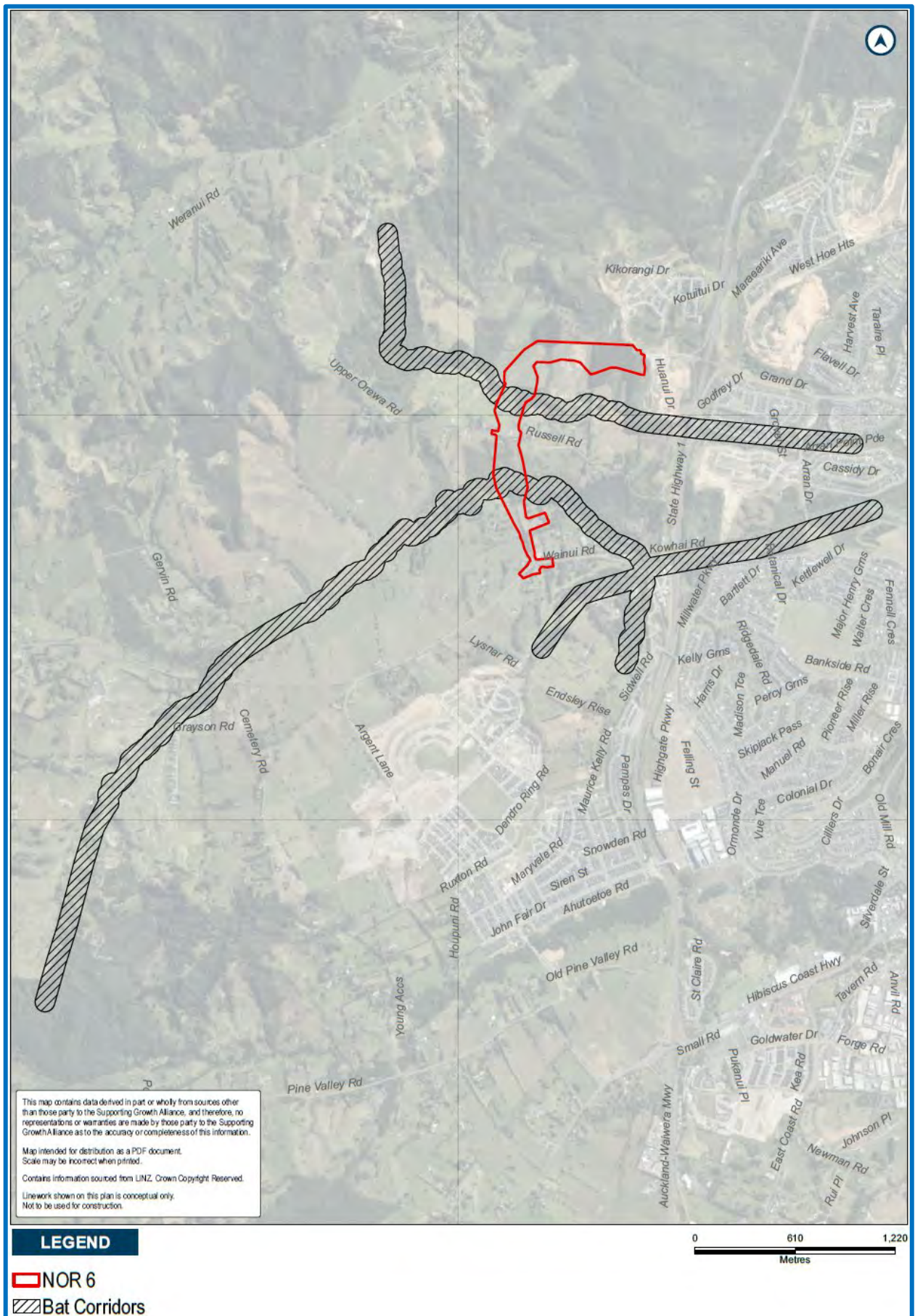
The vulnerability thresholds identified in the flood hazard curves can be applied to the best description of flood behaviour available for a subject site. In this regard, the hazard curves can be applied equally to flood behaviour estimates from measured data, simpler 1D numerical modelling approaches, through to complex 2D model estimates with the level of accuracy and uncertainty of the flood hazard estimate linked to the method used to derive the flood behaviour estimate.

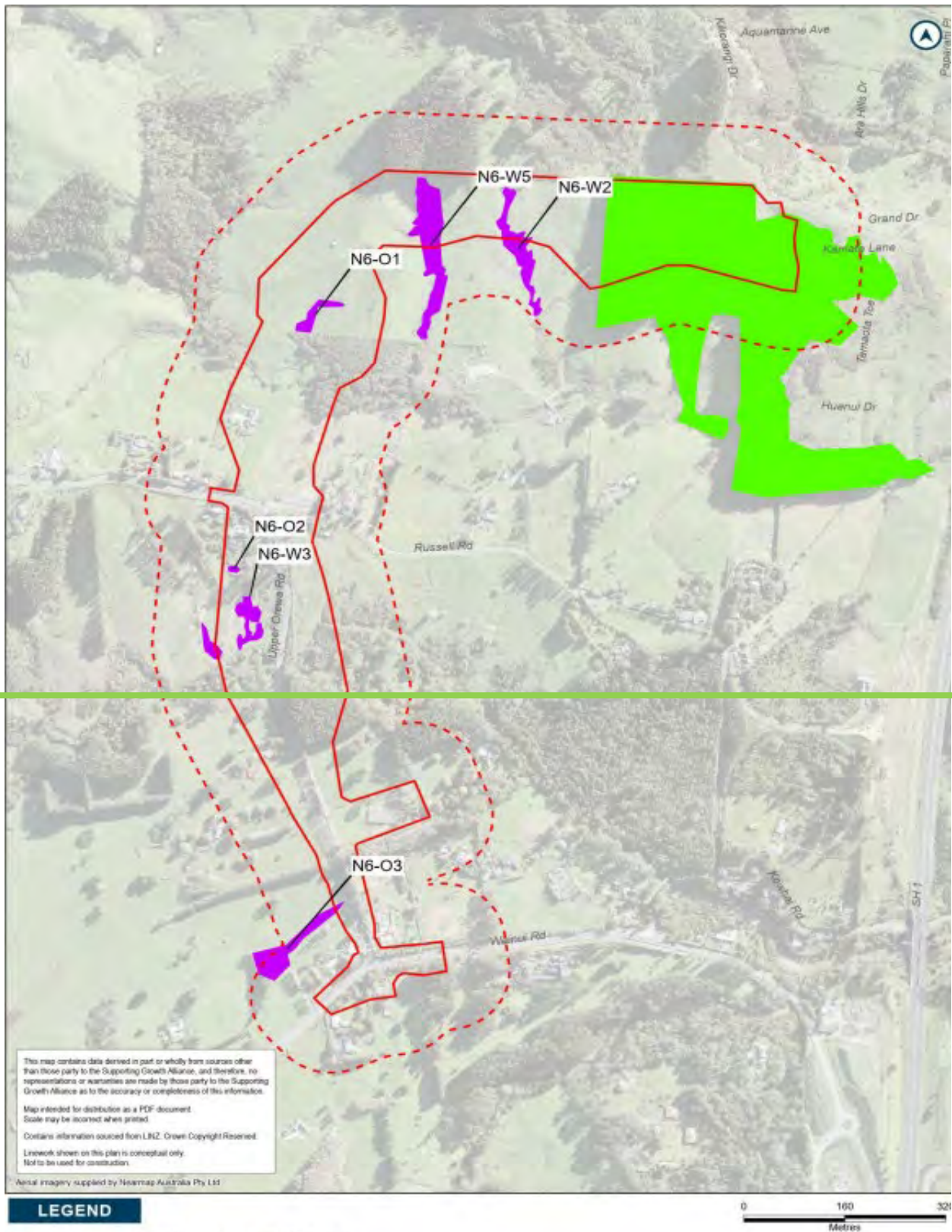


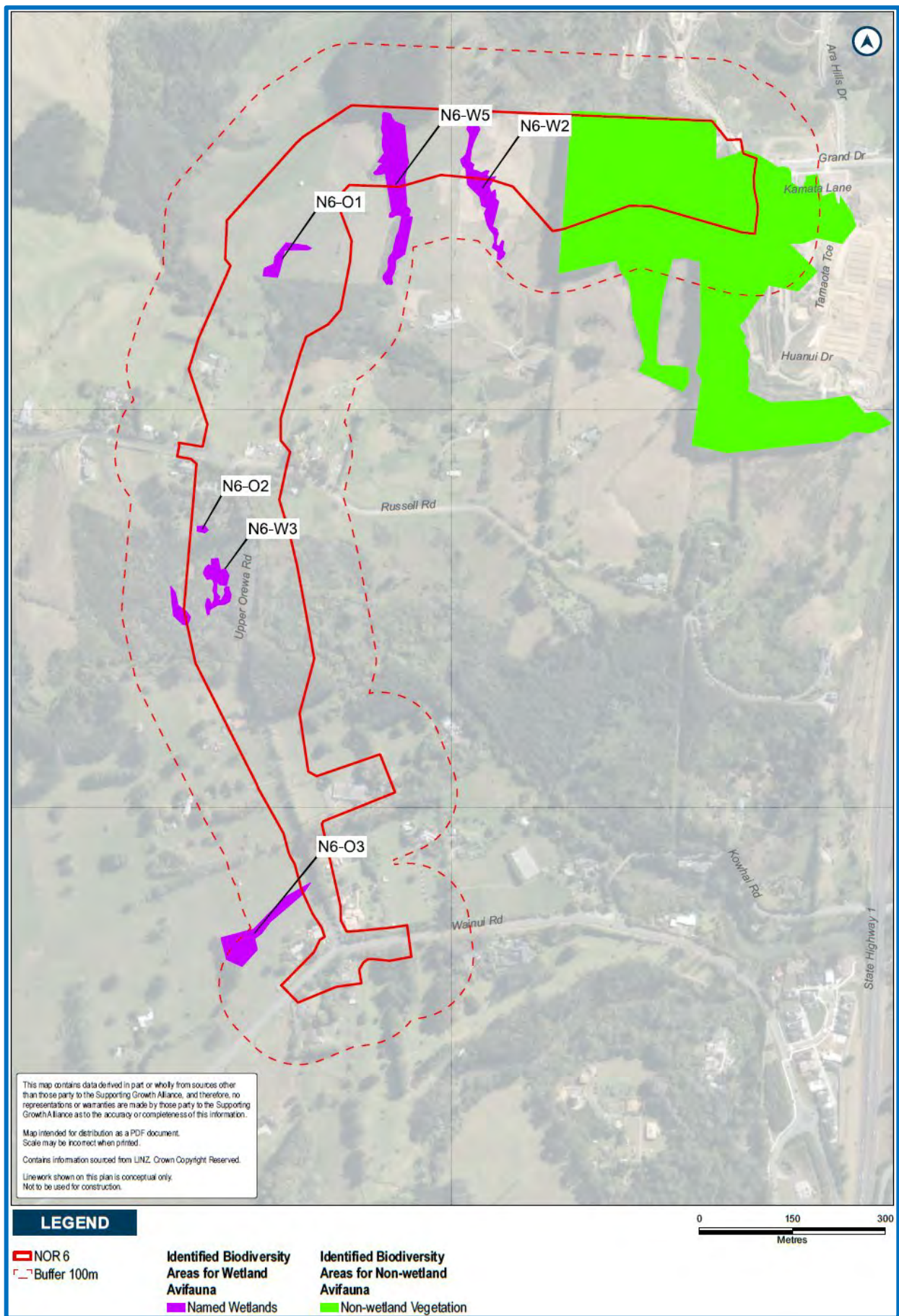
Source: Australian Rainfall and Runoff, Book 6, 2019

Schedule 3: Identified Biodiversity Areas









Schedule 4: Table 10 of the 2018 EIANZ Guidelines

Criteria for describing level of effects (Adapted from Regini (2000) and Boffa Miskell (2011))

<u>Ecological Value →</u> <u>- Magnitude ↓</u>	<u>Very high</u>	<u>High</u>	<u>Moderate</u>	<u>Low</u>	<u>Negligible</u>
<u>Very high</u>	<u>Very high</u>	<u>Very high</u>	<u>High</u>	<u>Moderate</u>	<u>Low</u>
<u>High</u>	<u>Very high</u>	<u>Very high</u>	<u>Moderate</u>	<u>Low</u>	<u>Very low</u>
<u>Moderate</u>	<u>High</u>	<u>High</u>	<u>Moderate</u>	<u>Low</u>	<u>Very low</u>
<u>Low</u>	<u>Moderate</u>	<u>Low</u>	<u>Low</u>	<u>Very low</u>	<u>Very low</u>
<u>Negligible</u>	<u>Low</u>	<u>Very low</u>	<u>Very low</u>	<u>Very low</u>	<u>Very low</u>
<u>Positive</u>	<u>Net gain</u>	<u>Net gain</u>	<u>Net gain</u>	<u>Net gain</u>	<u>Net gain</u>

Schedule 5: Identified PPFs Noise Criteria Categories

<u>Address</u>	<u>New or Altered Road</u>	<u>Noise Criteria Category</u>
<u>85 Upper Orewa Road</u>	<u>Altered road</u>	<u>A</u>
<u>406 Wainui Road</u>	<u>Altered road</u>	<u>A</u>
<u>411 Wainui Road</u>	<u>Altered road</u>	<u>A</u>
<u>11 Russell Road</u>	<u>Altered road</u>	<u>A</u>
<u>90 Upper Orewa Road</u>	<u>Altered road</u>	<u>A</u>
<u>24 Upper Orewa Road</u>	<u>Altered road</u>	<u>A</u>
<u>29 Upper Orewa Road</u>	<u>Altered road</u>	<u>A</u>
<u>100 Upper Orewa Road</u>	<u>Altered road</u>	<u>A</u>
<u>392 Wainui Road</u>	<u>Altered road</u>	<u>A</u>
<u>411 Wainui Road</u>	<u>Altered road</u>	<u>A</u>
<u>379 Wainui Road</u>	<u>Altered road</u>	<u>A</u>
<u>427 Wainui Road</u>	<u>Altered road</u>	<u>A</u>

Attachment 3

**Auckland Transport North West Schedule and
Designation 14108 New Connection between Milldale and
Grand Drive conditions
(Clean)**

Designation Schedule - Auckland Transport (1/3)

North and West

Number	Purpose	Location
1400	Service lane and car park	Leal Place, Manly
1401	Road	Hauti Drive to Blue Gum Drive, Warkworth
1402	Transferred to New Zealand Transport Agency (NZTA) on 30 October 2020	
1403	Lapsed	
1404	Road widening	309, 388 – 402, 441, 454A, 455, 456, 473, 475, 510, 514A, 516A, 518, 520, 522A, 525, 527, 529, 540, 597, 601, 609, 611, 637, 640, 642a, 644a, 663, 722, 724, 726, 728, 736, 740, 742, 746, 748, 750A, 752, 756, 758, 760, 770A, 772A, 772, 774, 849, 851, 853A, 1073, 1075 Whangaparaoa Road, Whangaparaoa 2 Cedar Terrace, Whangaparaoa 1, 3, 5, 9 Brightside Road, Whangaparaoa 1 Penton Road, Whangaparaoa 1 Tower Hill, Whangaparaoa 1, 7 Homestead Road, Whangaparaoa 2 Ladies Mile, Whangaparaoa 1 Zita Avenue, Whangaparaoa 1, 2 Scott Road, Whangaparaoa 2 D'Oyly Drive, Whangaparaoa
1406	Car park	Wharf Street, Warkworth
1407	Road widening	Corner of Hudson Road and State Highway 1, Warkworth
1408	Public car park	7A Rawene Road and 204 Hinemoa Street, Birkenhead
1409	Public car park	21 Sunnyhaven Avenue, Beach Haven
1410	Public car park	29 Anzac Road, Browns Bays
1411	Public car park	5 Bute Road, Browns Bay
1412	Public car park	472 Beach Road, Murrays Bay
1413	Public car park	3 Montrose Terrace, Mairangi Bay
1414	Withdrawn	
1415	Public car park	1A Jutland Road, Hauraki
1416	Public car park	14 Huron Street, Takapuna
1417	Withdrawn	
1418	Public car park	139 Kitchener Street, Milford
1419	Public car park	3-5 Fleet Street, Devonport
1420	Constellation Bus Station	62 Parkway Drive, Albany
1421	Albany Bus Station	A250 Oteha Valley Road and 125 McClymonts Road, Albany
1422	Intersection upgrade to provide priority access to the North Shore Busway for buses/high occupancy vehicles	Onewa Road and Sylvan Avenue, Northcote
1423	Akoranga Station	20 Takapuna Landing, Takapuna
1424	Akoranga Station link road	Takapuna Landing, Takapuna

1425	Akoranga Pedestrian Overbridge	20 Takapuna Landing (Akoranga Station), Takapuna (over State Highway 1) to 72 Akoranga Drive (Akoranga Campus), Northcote
1426	Westlake Station	Shakespeare Road (adjoins No. 78 Taharoto Road), Takapuna
1427	Sunnynook Station	168Z Sunnynook Road, Sunnynook
1428	Constellation Drive Station	62 Parkway Drive, Rosedale
1429	Wairau Road / Taharoto Road transport corridor widening and associated works	7-15 Wairau Road and 78Z Taharoto Road, Milford, Part Allotment 103 Parish of Takapuna and Part Allotment 91 Parish of Takapuna (2 Wairau Road, Takapuna)
1430	Public off-street parking ...	23-27 Sir Peter Blake Parade, Bayswater
1431	Road widening	107 Chivalry Road, Glenfield
1432	Road widening	43, 47-51, 55, 59, 65, 69 and 106 Anzac Street, Takapuna
1433	Transport corridor	Fred Taylor Drive, Massey/Whenuapai
1434	Road widening purposes	125A Metcalfe Road to 46 Ranui Station Road, Ranui
1435	Road widening purposes	Waitemata Drive (over Birdwood Park) to Waitemata Drive West, Ranui
1436	Withdrawn	
1437	Transport corridor	Hobsonville Road, Hobsonville
1438	Public car parking purposes	16 Delta Avenue, New Lynn
1439	Road widening access purposes	7 Fairbanks Place, Glendene
1441	Road widening access purposes	35 Ranui Station Road, Ranui
1442	Service lane	342-344 Great North Road (Henderson Square A), Henderson
1443	Service lane	2 Railside Avenue (Henderson Square B), Henderson
1444	Service lane	McNaughton Way to 11 High Brown Drive, New Lynn
1445	Service lane	60 James Laurie Street to 240C-D Great North Road, Henderson
1446	Lapsed	
1447	Road widening purposes	2-16, 24-26, 28-30 Clark Street, New Lynn
1448	Road widening purposes	1-3 Edmonton Road, Henderson
1449	Road widening purposes	267-287, 290-300, 295-297A, 301-309, 304-318A, 311-325, 429-447, 450, 4004-4012, 4007-4035, 4018, 4022-4024, 4040-4048, 4052-4054, 4070, 4087-4131, 4092-4094, 4098 and 4104-4118A Great North Road, 1-3 West Coast Road, 1 and 2 Montel Avenue, 2 Blacklock Avenue and 1 Buscomb Avenue, Henderson to Te Atatu
1450	Lapsed	
1452	Road widening purposes	241-275, 272-294, 281-314, 300-326, 330-332, 338-342 and 354-358 Te Atatu Road South, 93 Royal View Road, 1, 82 and 85 Jaemont Avenue, 1A and 2A Covil Avenue and 2A Bridge Avenue, Te Atatu
1453	Road widening purposes	2-14, 9-11, 17-35, 30, 40, 44-54, 45-49, 53, 58, 58-64, 65-171A, 68-68A, 74-114 and 118-160 Titirangi Road, 2 Margan Avenue and 1 and 2 Northall Road, Titirangi
1454	Road widening purposes	1-23, 2, 24-34, 25-33, 37-47, 53-59, 63A-141, 64-186, 198-274, 273-347, 282-312, 318-320, 326-360, 351A-409, 370-386 and 390-400 West Coast Road, 69-71 Clayburn Road and 1 Pleasant Road, Glen Eden
1455	Road widening purposes	1-25, 12-40, 37,47-55A, 52-54, 58, 78, 80A-82, 86-88, 92-94 Swanson Road, Henderson

1456	Withdrawn	
1457	Withdrawn	
1458	Public off-street parking ...	76 Swanson Road, Henderson
1459	Public off-street parking ...	2 Fenwick Avenue, Milford
1461	Public off-street parking ...	12 Channel View Road, Takapuna
1462	Withdrawn	
1463	Public off-street parking ...	20 Clarence Street, Devonport
1464	Withdrawn	
1465	Public off-street parking ...	85 Hurstmere Road, Takapuna
1466	Public off-street parking ...	41 Glenmall Road, Glen Eden
1467	Road widening	Hobsonville Road, Hobsonville
1468	Road widening	State Highway 16 (Westgate to Whenuapai)
1469	Road widening and improvement works.	Albany Highway, Albany
1470	The construction, operation and maintenance of a new road and improvements to the existing Gills Road.	Between Gills Road, Albany (south of Living Stream Road) to Oteha Valley Road (opposite Appian Way), from south of Living Stream Road along Gills Road to east of Lucas Creek bridge.
1471	Roading purposes	Between Mansel Drive and Falls Road, Warkworth.
1472	Withdrawn	
1473	Roading purposes	Land between Northside Drive West, Massey North and Trig Road, Whenuapai
1474	Construction, operation and maintenance of a new road link and associated wetland and improvements to the existing Glenvar Road.	Glenvar Ridge Road, Long Bay
1476	Road – Medallion Drive Link	56 Fairview Avenue, Albany
1477	Road widening and improvement works.	Lincoln Road, Henderson
1478	Road – Matakana Road Link	State Highway 1 to Matakana Road, Warkworth
1479	Construction, operation and maintenance of a road, cycleways, pedestrian paths and associated infrastructure.	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: • 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.

1480	Construction, operation and maintenance of a road, cycleways, pedestrian paths and associated infrastructure.	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: • 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
1481	The construction, operation and maintenance of an arterial transport corridor.	Coatesville-Riverhead Highway between State Highway 16 and Riverhead Road
1482	The construction, operation and maintenance of an arterial transport corridor	West of Don Buck Road in Redhills
1483	The construction, operation and maintenance of a transport corridor	Extending Dunlop Road west from Fred Taylor Drive in Redhills
1484	The construction, operation and maintenance of an arterial transport corridor.	Spedding Road in Whenuapai between Fred Taylor Drive and Hobsonville Road
1485	The construction, operation, and maintenance of an arterial transport corridor	Old State Highway 1 in Warkworth between Fairwater Road and the Rural Urban Boundary.
1486	The construction, operation and maintenance of an arterial transport corridor.	Sandspit Road between the Hill Street intersection and the Rural Urban Boundary.
1487	The construction, operation and maintenance of a public transport hub, urban arterial transport corridor, park and ride facility and associated facilities.	Intersection of Old State Highway 1 and Te Honohono ki Tai (Matakana Link Road) to the first bridge crossing on the proposed Western Link – North.
1488	The construction, operation and maintenance of an arterial transport corridor and associated facilities.	In the vicinity of Dairy Stream, between Top Road in Dairy Flat and East Coast Road in Stillwater
1489	The construction, operation and maintenance of an upgrade to Dairy Flat Highway for active mode facilities, safety improvements and associated facilities.	Dairy Flat Highway between Durey Road in Dairy Flat and Albany village
1490	The construction, operation and maintenance of an arterial transport corridor and associated facilities.	Between Dairy Flat Highway (at the intersection of Kahikatea Flat Road) and Wilks Road, Dairy Flat

1491	The construction, operation and maintenance of an upgrade and extension to Bawden Road to an arterial transport corridor and associated facilities.	Bawden Road between Dairy Flat Highway in Dairy Flat and State Highway 1 at the Ō Mahurangi Penlink (Redvale) Interchange
1492	The construction, operation and maintenance of an upgrade to East Coast Road to an arterial transport corridor and associated facilities.	East Coast Road between Hibiscus Coast Highway in Silverdale and Ō Mahurangi Penlink (Redvale) Interchange
1493	The construction, operation and maintenance, and improvement of a public transport station, facilities, and associated infrastructure.	Gunton Drive, Westgate (SEC 44 SO 430649, SECT 1 SO 596944)
1494	The construction, operation and maintenance of a transport corridor.	Trig Road in Whenuapai, between State Highway 18 and Hobsonville Road.
1495	The construction, operation and maintenance of an arterial transport corridor.	Woodcocks Road in Warkworth between Mansel Drive and Ara Tūnono (Puhoi to Warkworth)
1496	Construction, operation, and maintenance of an arterial transport corridor.	Access Road between State Highway 16 and Tawa Road.
1497	The construction, operation and maintenance of an upgrade to Dairy Flat Highway to an arterial transport corridor and associated facilities.	Dairy Flat Highway between Silverdale Interchange and Durey Road in Dairy Flat
1498	The construction, operation and maintenance of an arterial transport corridor.	Between Woodcocks Road and the Mahurangi River in Warkworth
1499	The construction, operation and maintenance of an arterial transport corridor.	Between the intersection of Matakana Road and Te Honohono ki Tai (Matakana Link Road) and Sandspit Road.
14100	The construction, operation and maintenance of a transport corridor.	East of Nixon Road in Redhills
14101	The construction, operation and maintenance of an arterial transport corridor.	Trig Road in Whenuapai between Brigham Creek Road and State Highway 18
14102	Construction, operation and maintenance of an arterial transport corridor.	Matakana Road in Warkworth between the Hill Street intersection to the Rural Urban Boundary.
14103	The construction, operation and maintenance of an arterial transport corridor.	Between Evelyn Street and the intersection of Old State Highway 1 and McKinney Road in Warkworth.
14104	The construction, operation and maintenance of an arterial transport corridor.	Māmari Road in Whenuapai between Brigham Creek Road and Northside Drive.

14105	The construction, operation and maintenance of an arterial transport corridor.	Brigham Creek Road in Whenuapai between State Highway 16 and State Highway 18.
14106	The construction, operation and maintenance of an arterial transport corridor.	Don Buck Road between Royal Road and Fred Taylor
14107	The construction, operation and maintenance of a transport corridor	Extending Baker Lane west from Fred Taylor Drive in Redhills
14108	The construction, operation and maintenance of an arterial transport corridor and associated facilities.	Between Wainui Road in Milldale and Grand Drive in Upper Ōrewa

14108 New Connection between Milldale and Grand Drive

Designation Number	14108
Requiring Authority	Auckland Transport
Location	Between Wainui Road in Milldale and Grand Drive in Upper Ōrewa
Lapse Date	In accordance with section 184(1)(c) of the RMA, this designation shall lapse if not given effect to within 30 years from the date on which it is included in the AUP.

Purpose

The construction, operation and maintenance of an arterial transport corridor and associated facilities.

Conditions

Abbreviations and definitions

Acronym/Term	Definition
Activity sensitive to noise	Any dwelling, visitor accommodation, boarding house, marae, papakāinga, integrated residential development, retirement village, supported residential care, care centre, lecture theatre in a tertiary Education Facility, classroom in an Education Facility and healthcare facility with an overnight stay facility
AUP	Auckland Unitary Plan
BPO or Best Practicable Option	Has the same meaning as in section 2 of the RMA 1991
CEMP	Construction Environmental Management Plan
Certification of material changes to management plans	Confirmation from the Manager that a material change to a management plan has been prepared in accordance with the condition to which it relates. A material change to a management plan shall be deemed certified: (a) where the Requiring Authority has received written confirmation from the Manager that the material change to the management plan is certified; or (b) 10 working days from the submission of the material change to the management plan where no written confirmation of certification has been received
CMP	Cultural Monitoring Plan
CNVMP	Construction Noise and Vibration Management Plan
CNVMP Schedule or Schedule	A schedule to the CNVMP
Completion of Construction	When construction of the project (or part of the project) is complete and it is available for use
Confirmed Biodiversity Areas	Areas recorded in the Identified Biodiversity Area Schedule where the ecological values and effects have been confirmed through the ecological survey under Condition 28
Construction Works	Activities undertaken to construct the project excluding Enabling Works
Council	Auckland Council
CTMP	Construction Traffic Management Plan
Developer	Any legal entity that intends to master plan or develop land adjacent to the designation
Development Agency	Public entities involved in development projects

Education Facility	Facility used for education to secondary level. Includes: - schools and outdoor education facilities; and - accommodation, administrative, cultural, religious, health, retail and communal facilities accessory to the above. Excludes: - care centres; and - tertiary education facilities.
EIANZ Guidelines	Ecological Impact Assessment: EIANZ Guidelines for use in New Zealand: terrestrial and freshwater ecosystems, second edition, dated May 2018
EMP	Ecological Management Plan
Enabling Works	Includes, but is not limited to, the following and similar activities: (a) geotechnical investigations (including trial embankments); (b) archaeological site investigations; (c) formation of access for geotechnical investigations; (d) establishment of site yards, site entrances and fencing; (e) constructing and sealing site access roads; (f) demolition or removal of buildings and structures; (g) relocation of services; and (h) establishment of mitigation measures (such as erosion and sediment control measures, temporary noise walls, earth bunds and planting)
HHMP	Historic Heritage Management Plan
HNZPT	Heritage New Zealand Pouhere Taonga
HNZPTA	Heritage New Zealand Pouhere Taonga Act 2014
Identified Biodiversity Area	Means an area or areas of features of ecological value where the project ecologist has identified that the project will potentially have a moderate or greater level of ecological effect, prior to implementation of impact management measures, as determined in accordance with the EIANZ Guidelines
Manager	The Manager – Resource Consents of the Auckland Council, or authorised delegate
Mana Whenua	Mana Whenua as referred to in the conditions are considered to be, but not limited to, the following (in no particular order), who at the time of Notice of Requirement expressed a desire to be involved in the project: (a) Ngāti Manuhiri (b) Te Kawerau ā Maki (c) Te Ākitai Waiohū (d) Ngāti Whanaunga (e) Te Runanga o Ngāti Whātua (f) Ngāti Maru (g) Te Patu Kirikiri (h) Ngāti Whātua o Kaipara (i) Ngāti Tamaterā (j) Ngai Tai ki Tāmaki (k) Ngāti Paoa Iwi Trust (l) Ngāti Paoa Trust Board Note: other iwi not identified above may have an interest in the project and should be consulted
Network Utility Operator	Has the same meaning as set out in section 166 of the RMA
NIMP	Network Integration Management Plan
NoR	Notice of Requirement

North Growth Area	Land for future urban development in the North of Auckland, including Future Urban zoned areas in Ara Hills, Ōrewa, Wainui East, Silverdale West, Redvale and Dairy Flat
NUMP	Network Utilities Management Plan
Outline Plan	An outline plan prepared in accordance with section 176A of the RMA
Overland Flow Path	Means a low point in terrain, excluding a permanent watercourse or intermittent river or stream, where surface runoff will flow, with an upstream contributing catchment exceeding 4,000m ²
Project Liaison Person	The person or persons appointed for the duration of the project's Construction Works to be the main point of contact for persons wanting information about the project or affected by the Construction Works
Protected Premises and Facilities (PPF)	Protected Premises and Facilities as defined in New Zealand Standard NZS 6806:2010: <i>Acoustics – Road-traffic noise – New and altered roads</i>
Requiring Authority	Has the same meaning as section 166 of the RMA and, for this designation is Auckland Transport
RMA	Resource Management Act 1991
SCEMP	Stakeholder Communication and Engagement Management Plan
Stakeholder	Stakeholders to be identified in accordance with Condition 4, which may include as appropriate: (a) adjacent owners and occupiers; (b) adjacent business owners and operators; (c) central and local government bodies; (d) community groups; (e) developers; (f) development agencies; (g) Education Facilities; and (h) Network Utility Operators.
Stage of Work	Any physical works that require the development of an Outline Plan
Start of Construction	The time when Construction Works (excluding Enabling Works) start
Suitably Qualified Person	A person (or persons) who can provide sufficient evidence to demonstrate their suitability, experience and competence in the relevant field of expertise.
ULDMP	Urban and Landscape Design Management Plan

General conditions	
1.	Activity in General Accordance with Plans and Information (a) Except as provided for in the conditions below, and subject to final design and Outline Plan(s), works within the designation shall be undertaken in general accordance with the project description and concept plan in Schedule 1. (b) Where there is inconsistency between: (i) the project description and concept plan in Schedule 1 and the requirements of the following conditions, the conditions shall prevail; (ii) the project description and concept plan in Schedule 1, and the management plans under the conditions of the designation, the requirements of the management plans shall prevail.
2.	Project Information (a) A project website, or equivalent virtual information source, shall be established as soon as reasonably practicable, and within six months of the inclusion of this designation in the AUP. This shall be updated as required so it remains current. (b) All directly affected owners and occupiers shall be notified in writing as soon as reasonably practicable once the website or equivalent information source has been established. The project website or virtual information source shall include these conditions and shall provide information on: (i) the status of the project; (ii) anticipated construction timeframes; (iii) contact details for enquiries; (iv) the implications of the designation for landowners, occupiers and business owners and operators within the designation and where they can receive additional advice; (v) a subscription service to enable receipt of project updates by email; (vi) the types of activities that can be undertaken by landowners without the need for written consent to be obtained under s176(1)(b) of the RMA; and (vii) when and how to apply for consent for works in the designation under section 176(1)(b) of the RMA. (c) At ten yearly intervals from the inclusion of this designation in the AUP until the start of detailed design, the Requiring Authority shall identify appropriate methods with the relevant Local Board(s) to: (i) inform the wider community of the project status; and (ii) raise awareness of the project website. (d) At the start of detailed design for a Stage of Work, the project website or virtual information source shall be updated to provide information on the likely date for Start of Construction, and any Staging of Works.

3.	Land use Integration Process (a) The Requiring Authority shall set up a Land use Integration Process for the period between confirmation of the designation and the Start of Construction. The purpose of this process is to encourage and facilitate the integration of master planning and land use development activity on land directly affected or adjacent to the designation. To achieve this purpose: (i) the Requiring Authority shall include the contact details of a nominated contact on the project website (or equivalent information source) required to be established by Condition 2(b)(iii); and (ii) the nominated contact shall be the main point of contact for a Developer or Development Agency wanting to work with the Requiring Authority to integrate their development plans or master planning with the designation. (b) At any time prior to the Start of Construction, the nominated contact will be available to engage with a Developer or Development Agency for the purpose of: (i) responding to requests made to the Requiring Authority for information regarding design details that could assist with land use integration; and (ii) receiving information from a Developer or Development Agency regarding master planning or land development details that could assist with land use integration. (c) Information requested or provided under Condition 3(b) above may include but not be limited to the following matters: (i) design details including but not limited to: A. boundary treatment (e.g. the use of retaining walls or batter slopes); B. the horizontal and vertical alignment of the road (levels); C. potential locations for mid-block crossings; D. integration of stormwater infrastructure; and E. traffic noise modelling contours. (ii) potential modifications to the extent of the designation in response to information received through Condition 3(b)(ii); (iii) a process for the Requiring Authority to undertake a technical review of or provide comments on any master planning or development proposal advanced by the Developer or Development Agency as it relates to integration with the project; and (iv) details of how to apply for written consent from the Requiring Authority for any development proposal that relates to land that is within the designation under section 176(1)(b) of the RMA. (d) Where information is requested from the Requiring Authority and is available, the nominated contact shall provide the information unless there are reasonable grounds for not providing it. (e) The nominated contact shall maintain a record of the engagement between the Requiring Authority and Developers and Development Agencies for the period following the date in which this designation is included in the AUP through to the Start of Construction for a Stage of Work. The record shall include: (i) details of any requests made to the Requiring Authority that could influence detailed design, the results of any engagement and, where such requests that could influence detailed design are declined, the reasons why the Requiring Authority has declined the requests; and (ii) details of any requests to co-ordinate the forward work programme, where appropriate, with Development Agencies and Network Utility Operators. (f) The record shall be submitted to Council for information 10 working days prior to the Start of Construction for a Stage of Work

4.	Stakeholder Communication and Engagement Design (a) At least six months prior to the start of detailed design for a Stage of Work, the Requiring Authority shall identify: (i) a list of Stakeholders; (ii) a list of properties within the designation which the Requiring Authority does not own or have occupation rights to; and (iii) methods to engage with Stakeholders and the owners and occupiers of properties identified in (a)(i) – (ii) above. (b) A record of (a) shall be submitted to the Manager for information with an Outline Plan for the relevant Stage of Work.
5.	Designation Review <u>Pre-construction review</u> If the land adjacent to the designation is re-zoned from Future Urban or any live urban zone to any rural zone (once made operative in the Auckland Unitary Plan), the Requiring Authority shall review the extent of the designation. In carrying out this review, the Requiring Authority shall: (i) Consider the implications of any zoning change and integration of land use with the transport network in the North Growth Area; (ii) Identify whether any areas of designated land are no longer required for the construction, operation, maintenance or mitigation of effects of the project; and (iii) Consider whether the boundaries of the designation require modification in accordance with section 182 of the RMA. <u>Post-construction review</u> As soon as reasonably practicable following Completion of Construction, the Requiring Authority shall: (i) review the extent of the designation to identify any areas of designated land that it no longer requires for the on-going operation, maintenance or mitigation of effects of the project; and (ii) give notice to the Manager in accordance with section 182 of the RMA for the removal of those parts of the designation identified above.
6.	Lapse In accordance with section 184(1)(c) of the RMA, this designation shall lapse if not given effect to within 30 years from the date on which it is included in the AUP.
7.	Network Utility Operators (Section 176 Approval) (a) Prior to the Start of Construction, Network Utility Operators with existing infrastructure located within the designation will not require written consent under section 176 of the RMA for the following activities: (i) operation, maintenance and repair works; (ii) minor renewal works to existing network utilities necessary for the on-going provision or security of supply of network utility operations; (iii) minor works such as new service connections; and (iv) the upgrade and replacement of existing network utilities in the same location with the same or similar effects on the works authorised by the designation as the existing utility. (b) To the extent that a record of written approval is required for the activities listed above, this condition shall constitute written approval.

8.	General Section 176 Approval (a) Prior to the start of the formal acquisition process under the Public Works Act 1981 for a property, or submission of the Outline Plan, persons on properties zoned Rural or Future Urban will not require written consent under section 176 of the RMA for the following activities: (i) Internal alterations; (ii) Repair of existing utility services; (iii) One extension to an existing structure as at 2023, up to 30m²; and (iv) Temporary or relocatable structures, provided they are removed from the site and the land is reinstated (including closing and capping any associated services) at the landowner's expense prior to the Start of Construction. The landowner shall be responsible for any resource consent required for the structures, their removal or relocation. (b) To the extent that a record of written approval is required for the activities listed above, this condition shall constitute written approval.
Pre-construction conditions	
9.	Outline Plan (a) An Outline Plan (or Plans) shall be prepared in accordance with section 176A of the RMA. (b) Outline Plans (or Plan) may be submitted in parts or in stages to address particular activities (e.g. design or construction aspects), or a Stage of Work of the project. (c) Outline Plans shall include any management plan or plans that are relevant to the management of effects of those activities or Stage of Work, which may include: (i) Construction Environmental Management Plan; (ii) Construction Traffic Management Plan; (iii) Construction Noise and Vibration Management Plan; (iv) Urban and Landscape Design Management Plan; (v) Historic Heritage Management Plan; (vi) Ecological Management Plan; (vii) Network Utilities Management Plan; and (viii) Network Integration Management Plan.
	Flood Hazard For the purpose of Condition 10: (a) AEP – means Annual Exceedance Probability; (b) Existing Authorised Habitable Floor – means the floor level of any room (floor) in a residential building which is authorised and exists at the time the Outline Plan is submitted, excluding a laundry, bathroom, toilet or any room used solely as an entrance hall, passageway or garage; (c) Flood Prone Area – means potential ponding areas that may flood in a 1% AEP event and commonly comprise of topographical depression areas. The areas can occur naturally or as a result of constructed features. Identification of a potential Flood Prone Area would be by an assessment of residual flood risk in a 1% AEP event (e.g. from blockage of the project stormwater network) on land outside and adjacent to the designation following the application of Conditions (10)(a)(i) – (iv). (d) Maximum Probable Development – is the design case for consideration of future flows allowing for development within a catchment that takes into account the maximum impervious surface limits of the current zone or if the land is zoned Future Urban in the AUP, the probable level of development arising from zone changes; (e) Pre-Project Development – means existing site condition prior to the project (including existing buildings and roadways); and (f) Post-Project Development – means site condition after the project has been completed (including existing and new buildings and roadways).

10.	Flood Hazard (a) The project shall be designed to achieve the following flood risk outcomes beyond the boundary of the designation: (i) no increase in flood levels in a 1% AEP event for Existing Authorised Habitable Floors that are already subject to flooding or have a freeboard less than 500mm; (ii) no increase in flood levels in a 1% AEP event for authorised community, commercial, industrial and network utility building floors existing at the time the Outline Plan is submitted that are already subject to flooding or have a freeboard less than 300mm; (iii) maximum of 50mm increase in flood levels in a 1% AEP event outside and adjacent to the designation boundary between the Pre-Project Development and Post-Project Development scenarios; (iv) no increase of Flood Hazard Class for the main access to authorised habitable dwellings existing at the time the Outline Plan is submitted. The assessment shall be undertaken for the 1% AEP rainfall event and reference the hazard class in accordance with Schedule 2 to these conditions; and (v) no new Flood Prone Areas. (b) Compliance with this condition shall be demonstrated in the Outline Plan, which shall include flood modelling of the Pre-Project Development and Post-Project Development 1% AEP flood levels (for Maximum Probable Development land use with allowances for climate change). (c) Where: (i) the flood risk outcomes in (a) can be achieved through alternative measures outside of the designation such as flood stop banks, flood walls, raising Existing Authorised Habitable Floor level and new overland flow paths; or (ii) the outcomes are varied at specific location(s) through agreement with the relevant landowner, confirmation shall be provided to the Manager that any necessary landowner agreement and statutory approvals have been obtained for that alternative measure or varied outcome.
11.	Overland Flow Paths Where the project modifies an Overland Flow Path by either: • diverting the entry or exit point at the designation boundary; or • piping, or reducing its capacity; the design shall provide for the continued passage of flow in a manner which manages potential effects upstream and downstream of the modified Overland Flow Path.
12.	Existing property access Prior to submission of the Outline Plan, consultation shall be undertaken with landowners and occupiers whose vehicle access to their property will be altered by the project. The Outline Plan shall demonstrate how safe reconfigured or alternate access will be provided, unless otherwise agreed with the affected landowner.

13.	Management Plans (a) Any management plan shall: (i) be prepared and implemented in accordance with the relevant management plan condition; (ii) be prepared by a Suitably Qualified Person(s); (iii) include sufficient detail relating to the management of effects associated with the relevant activities and/or Stage of Work to which it relates; (iv) be submitted as part of an Outline Plan pursuant to section 176A of the RMA, with the exception of SCEMPs and CNVMP Schedules; and (v) once finalised, uploaded to the project website or equivalent virtual information source. (b) Any management plan developed in accordance with Condition 13 may: (i) be submitted in parts or in stages to address particular activities (e.g. design or construction aspects), a Stage of Work of the project, or to address specific activities authorised by the designation; and (ii) except for material changes, be amended to reflect any changes in design, construction methods or management of effects without further process; (c) Information shall be submitted with the management plan (or revised plan as referred to in (d) below) which summarises outcomes of consultation and any input received from Mana Whenua and Stakeholders as required by the relevant management plan condition. The summary shall note how this input has been incorporated or reflected in the management plan, or if not, the reasons why; (d) If there is a material change required to a management plan which has been submitted with an Outline Plan, the revised part of the plan shall be submitted to the Manager as an update to the Outline Plan or for Certification as soon as practicable following identification of the need for a revision; and (e) Any material changes to the SCEMP(s) are to be submitted to the Manager for information.
14.	Stakeholder Communication and Engagement Management Plan (SCEMP) (a) A SCEMP shall be prepared in consultation with relevant Stakeholders prior to the Start of Construction. The objective of the SCEMP is to identify how the public and Stakeholders will be engaged with throughout Construction Works. (b) To achieve the objective, the SCEMP shall include: (i) a list of Stakeholders; (ii) the contact details for the Project Liaison Person. These details shall be on the project website, or equivalent virtual information source, and prominently displayed at the main entrance(s) to the site(s); (iii) methods for engaging with Mana Whenua, to be developed in consultation with Mana Whenua; (iv) methods and timing to engage with owners and occupiers whose access is directly affected; (v) methods to communicate key project milestones and the proposed hours of construction activities including outside of normal working hours and on weekends and public holidays, to the parties identified in (b)(i) above; and (vi) linkages and cross-references to communication and engagement methods set out in other conditions and management plans where relevant. (c) Any SCEMP prepared for a Stage of Work shall be submitted to the Manager for information a minimum of 10 working days prior to the Start of Construction for a Stage of Work.

15.	Cultural Advisory Report (a) At least six months prior to the start of detailed design for a Stage of Work, Mana Whenua shall be invited to prepare a Cultural Advisory Report for the project. The objective of the Cultural Advisory Report is to assist in understanding and identifying ngā taonga tuku iho (treasures handed down by our ancestors) affected by the project, to inform their management and protection. (b) To achieve the objective, the Requiring Authority shall invite Mana Whenua to prepare a Cultural Advisory Report that: (i) identifies the cultural sites, landscapes and values that have the potential to be affected by the construction and operation of the project; (ii) sets out the desired outcomes for management of potential effects on cultural sites, landscapes and values; (iii) identifies traditional cultural practices within the area that may be impacted by the project; (iv) identifies opportunities for restoration and enhancement of identified cultural sites, landscapes and values within the project area; (v) taking into account the outcomes of (i) to (iv) above, identify cultural matters and principles that should be considered in the development of the ULDMP (Condition 16) and HHMP (Condition 27) and the CMP referred to in Condition 21; and (vi) identifies and (if possible) nominates traditional names along the project alignment. Noting there may be formal statutory processes outside the project required in any decision-making. (c) The desired outcomes for management of potential effects on cultural sites, landscapes and values identified in the Cultural Advisory Report shall be discussed with Mana Whenua and those outcomes reflected in the relevant management plans where practicable; and (d) Conditions 15(b) and (c) will cease to apply if: (i) Mana Whenua have been invited to prepare a Cultural Advisory Report by a date at least six months prior to the Start of Construction; and (ii) Mana Whenua have not provided a Cultural Advisory Report within six months prior to the Start of Construction.
	Urban and Landscape Design Management Plan (ULDMP)
16.	(a) A ULDMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the ULDMP(s) is to: (i) enable integration of the project's permanent works into the surrounding landscape and urban context; and (ii) ensure that the project manages potential adverse landscape and visual effects as far as practicable and contributes to a quality urban environment. (b) Mana Whenua shall be invited to participate in the development of the ULDMP(s) to provide input into relevant cultural landscape and design matters including how desired outcomes for management of potential effects on cultural sites, landscapes and values identified and discussed in the Cultural Advisory Report in Condition 15 may be reflected in the ULDMP. (c) Relevant Stakeholders shall be invited to participate in the development of the ULDMP at least six months prior to the start of detailed design for a Stage of Work.

17.	(a) To achieve the objective set out in Condition 16, the ULDMP(s) shall provide details of how the project: (i) is designed to integrate with the adjacent urban (or proposed urban) and landscape context, including the surrounding existing or proposed topography, urban environment (eg. centres and density of built form), natural environment, landscape character and open space zones; (ii) provides appropriate walking and cycling connectivity to, and interfaces with, existing or proposed adjacent land uses, public transport infrastructure and walking and cycling connections; (iii) promotes inclusive access (where appropriate); (iv) promotes a sense of personal safety by aligning with best practice guidelines, such as: A. Crime Prevention Through Environmental Design (CPTED) principles; B. Safety in Design (SID) requirements; and C. Maintenance in Design (MID) requirements and anti-vandalism/anti-graffiti measures; (v) has responded to matters identified through the Land use Integration Process (Condition 3); and (b) The ULDMP shall be prepared in general accordance with: (i) Auckland Transport's Urban Roads and Streets Design Guide, or any subsequent or updated version; (ii) New Zealand Transport Agency Urban Design Guidelines: Bridging the Gap (2013) or any subsequent updated version; (iii) New Zealand Transport Agency Landscape Guidelines (2018) or any subsequent updated version; (iv) New Zealand Transport Agency P39 Standard Specification for Highway Landscape Treatments (2013) or any subsequent updated version; and (v) Auckland's Urban Ngahere (Forest) Strategy or any subsequent updated version.

18.	The ULDMP(s) shall include: (a) a concept plan – which depicts the overall landscape and urban design concept, and explain the rationale for the landscape and urban design proposals; (b) developed design concepts, including principles for walking and cycling facilities and public transport; (c) landscape and urban design details – that cover the following: (i) road design – elements such as intersection form, carriageway gradient and associated earthworks contouring including cut and fill batters and the interface with adjacent land uses and existing roads (including slip lanes), benching, spoil disposal sites, median width and treatment, roadside width and treatment; (ii) roadside elements – such as lighting, fencing, wayfinding and signage; (iii) architectural and landscape treatment of all major structures, including bridges and retaining walls; (iv) architectural and landscape treatment of noise barriers; (v) landscape treatment and planting of permanent stormwater control wetlands and swales; (vi) integration of passenger transport; (vii) pedestrian and cycle facilities including paths, road crossings and dedicated pedestrian/ cycle bridges or underpasses; (viii) historic heritage places with reference to the HHMP (Condition 27); and (ix) re-instatement of construction and site compound areas; and (x) features disturbed during construction and intended to be reinstated such as: A. boundary features; B. driveways; C. accessways; and D. fences. (d) the ULDMP shall also include the following planting and maintenance details: (i) planting design details including: A. identification of existing trees and vegetation that will be retained with reference to the EMP (Condition 29). Where practicable, mature trees and native vegetation should be retained; B. street trees, shrubs and ground cover suitable for the location; C. treatment of fill slopes to integrate with adjacent land use, streams, riparian margins and open space zones; D. identification of any planting requirements under the EMP (Condition 29); E. integration of any planting required by conditions of any resource consents for the project; and F. re-instatement planting of construction and site compound areas as appropriate. (ii) a planting programme including the staging of planting in relation to the construction programme which shall, as far as practicable, include provision for planting within each planting season following completion of each Stage of Work; and (iii) detailed specifications relating to the following: A. weed control and clearance; B. pest animal management (to support plant establishment); C. ground preparation (top soiling and decompaction); D. mulching; and E. plant sourcing and planting, including hydroseeding and grassing, and use of eco-sourced species.

Construction conditions	
19.	Construction Environmental Management Plan (CEMP) (a) A CEMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the CEMP is to set out the management procedures and construction methods to be undertaken to avoid, remedy or mitigate any adverse effects associated with Construction Works as far as practicable. (b) To achieve the objective, the CEMP shall include: (i) the roles and responsibilities of staff and contractors; (ii) details of the site or project manager and the Project Liaison Person, including their contact details (phone and email address); (iii) the Construction Works programmes and the staging approach, and the proposed hours of work; (iv) details of the proposed construction yards including temporary screening when adjacent to residential areas; (v) details of the proposed construction lighting; (vi) methods for controlling dust and the removal of debris and demolition of construction materials from public roads or places; (vii) methods for providing for the health and safety of the general public; (viii) measures to mitigate flood hazard effects such as siting stockpiles out of floodplains, minimising obstruction to flood flows, actions to respond to warnings of heavy rain; (ix) procedures for incident management; (x) location and procedures for the refuelling and maintenance of plant and equipment to avoid discharges of fuels or lubricants to watercourses; (xi) 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; (xii) procedures for responding to complaints about Construction Works; and (xiii) methods for amending and updating the CEMP as required.
20.	Complaints Process (a) At all times during Construction Works, a record of any complaints received about the Construction Works shall be maintained. The record shall include: (i) the date, time and nature of the complaint; (ii) the name, phone number and address of the complainant (unless the complainant wishes to remain anonymous); (iii) measures taken to respond to the complaint (including a record of the response provided to the complainant) or confirmation of no action if deemed appropriate; (iv) the outcome of the investigation into the complaint; and (v) any other activities in the area, unrelated to the project that may have contributed to the complaint, such as non-project construction, fires, traffic accidents or unusually dusty conditions generally. (b) A copy of the complaints record required by this condition shall be made available to the Manager upon request as soon as practicable after the request is made.

21.	Cultural Monitoring Plan (CMP) (a) Prior to the Start of Construction, a CMP shall be prepared by a Suitably Qualified Person(s) identified in collaboration with Mana Whenua. The objective of the CMP is to identify methods for undertaking cultural monitoring to assist with management of any cultural effects during Construction Works. (b) To achieve the objective, the CMP shall include: (i) requirements for formal dedication or cultural interpretation to be undertaken prior to the Start of Construction in areas identified as having significance to Mana Whenua; (ii) requirements and protocols for cultural inductions for contractors and subcontractors; (iii) identification of activities, sites and areas where cultural monitoring is required during particular Construction Works; (iv) identification of personnel to undertake cultural monitoring, including any geographic definition of their responsibilities; and (v) details of personnel to assist with management of any cultural effects identified during cultural monitoring, including implementation of the Accidental Discovery Protocol (c) If Enabling Works involving soil disturbance are undertaken prior to the Start of Construction, an Enabling Works CMP shall be prepared by a Suitably Qualified Person identified in collaboration with Mana Whenua. This plan may be prepared as a standalone Enabling Works CMP or be included in the main Construction Works CMP. Advice note: Where appropriate, the CMP shall align with the requirements of other conditions of the designation and resource consents for the project which require monitoring during Construction Works.

22.	Construction Traffic Management Plan (CTMP) (a) A CTMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the CTMP is to avoid, remedy or mitigate, as far as practicable, adverse construction traffic effects. (b) To achieve this objective, the CTMP shall include: (i) methods to manage the effects of temporary traffic management activities on traffic; (ii) measures to ensure the safety of all transport users; (iii) the estimated numbers, frequencies, routes and timing of traffic movements, including any specific non-working or non-movement hours to manage vehicular and pedestrian traffic near Education Facilities or to manage traffic congestion; (iv) site access routes and access points for heavy vehicles, the size and location of parking areas for plant, construction vehicles and the vehicles of workers and visitors; (v) identification of detour routes and other methods to ensure the safe management and maintenance of traffic flows, including public transport, pedestrians and cyclists; (vi) methods to maintain access to and within property and/or private roads where practicable, or to provide alternative arrangements when it will not be, including details of how access is managed for loading and unloading of goods; (vii) the management approach to loads on heavy vehicles, including covering loads of fine material, the use of wheel-wash facilities at site exit points and the timely removal of any material deposited or spilled on public roads; (viii) methods that will be undertaken to communicate traffic management measures to affected road users (e.g. residents / public / Stakeholders / emergency services); (ix) details of minimum network performance parameters during the construction phase, including any measures to monitor compliance with the performance parameters; and (x) details of any measures proposed to be implemented in the event of thresholds identified in (ix) being exceeded. (c) Auditing, monitoring and reporting requirements relating to traffic management activities shall be undertaken in accordance with the New Zealand Guide to Temporary Traffic Management (April 2023) or any subsequent version.

23.

Construction Noise Standards

(a)

Construction noise shall be measured and assessed in accordance with NZS6803:1999 Acoustics – Construction Noise and shall comply with the noise standards set out in the following table as far as practicable:

Table 23-1 Construction Noise Standards

Day of week	Time period	L _{Aeq} (15min)	L _{AF} max
Occupied activity sensitive to noise			
Weekday	0630h - 0730h	55 dB	75 dB
	0730h - 1800h	70 dB	85 dB
	1800h - 2000h	65 dB	80 dB
	2000h - 0630h	45 dB	75 dB
Saturday	0630h - 0730h	45 dB	75 dB
	0730h - 1800h	70 dB	85 dB
	1800h - 2000h	45 dB	75 dB
	2000h - 0630h	45 dB	75 dB
Sunday and Public Holidays	0630h - 0730h	45 dB	75 dB
	0730h - 1800h	55 dB	85 dB
	1800h - 2000h	45 dB	75 dB
	2000h - 0630h	45 dB	75 dB
Other occupied buildings			
All	0730h – 1800h	70 dB	
	1800h – 0730h	75 dB	

(b)

Where compliance with the noise standards set out in Table 23-1 is not practicable, the methodology in Condition 26 shall apply.

24.

Construction Vibration Standards

(a)

Construction vibration shall be measured in accordance with ISO 4866:2010 Mechanical vibration and shock – Vibration of fixed structures – Guidelines for the measurement of vibrations and evaluation of their effects on structures and shall comply with the vibration standards set out in the following table as far as practicable.

Table 24-1 Construction Vibration Standards

Receiver	Details	Category A*	Category B**
Occupied activities sensitive to noise	Night-time 2000h - 0630h	0.3mm/s ppv	2mm/s ppv
	Daytime 0630h - 2000h	2mm/s ppv	5mm/s ppv
Other occupied buildings	Daytime 0630h - 2000h	2mm/s ppv	5mm/s ppv
All other buildings	At all other times	Tables 1 and 3 of DIN4150-3:1999	

* Category A criteria adopted from Rule E25.6.30.1 of the AUP

** Category B criteria based on DIN 4150-3:1999 building damage criteria for daytime

(b)

Where compliance with the vibration standards set out in Table 24-1 is not practicable, the methodology in Condition 26 shall apply.

25.	Construction Noise and Vibration Management Plan (CNVMP) (a) A CNVMP shall be prepared prior to the Start of Construction for Stage of Work. A CNVMP shall be implemented during the Stage of Work to which it relates. The objective of the CNVMP is to provide a framework for the development and implementation of the Best Practicable Option for the management of construction noise and vibration effects to achieve the construction noise and vibration standards set out in Conditions 23 and 24 to the extent practicable. (b) To achieve the objective, the CNVMP shall be prepared in accordance with Annex E2 of the New Zealand Standard NZS6803:1999 'Acoustics – Construction Noise' (NZS6803:1999) and shall as a minimum, address the following: (i) description of the works and anticipated equipment/processes; (ii) hours of operation, including times and days when construction activities would occur; (iii) the construction noise and vibration standards for the project; (iv) identification of receivers where noise and vibration standards apply; (v) a hierarchy of management and mitigation options, including any requirements to limit night works and works during other sensitive times, including Sundays and public holidays as far as practicable; (vi) methods and frequency for monitoring and reporting on construction noise and vibration; (vii) procedures for communication and engagement with nearby residents and Stakeholders, including notification of proposed construction activities, the period of construction activities, and management of noise and vibration complaints; (viii) contact details of the Project Liaison Person; (ix) procedures for the regular training of the operators of construction equipment to minimise noise and vibration as well as expected construction site behaviours for all workers; (x) procedures and requirements for the preparation of a Schedule to the CNVMP (Schedule) for those areas where compliance with the noise Condition 23 and/or vibration standards Condition 24 Category B will not be practicable; (xi) identification of trigger levels for undertaking building condition surveys, which shall be Category B day time levels; (xii) procedures and trigger levels for undertaking building condition surveys before and after works to determine whether any cosmetic or structural damage has occurred as a result of construction vibration; (xiii) methodology and programme of desktop and field audits and inspections to be undertaken to ensure that the CNVMP, Schedules and the Best Practicable Option for management of effects are being implemented; and (xiv) requirements for review and update of the CNVMP.

26.	Schedule to a CNVMP (a) A Schedule to the CNVMP (Schedule) shall be prepared prior to the Start of Construction of an activity to which it relates by a Suitably Qualified Person, in consultation with the owners and occupiers of sites subject to the Schedule, when: (i) construction noise is either predicted or measured to exceed the noise standards in Condition 23, except where the exceedance of the L_{Aeq} criteria is no greater than 5 decibels and does not exceed: A. 0630 – 2000: 2 periods of up to 2 consecutive weeks in any 2 months; or B. 2000 - 0630: 1 period of up to 2 consecutive nights in any 10 days; (ii) construction vibration is either predicted or measured to exceed the Category B standard at the receivers in Condition 24. (b) The objective of the Schedule is to set out the Best Practicable Option measures to manage noise and/or vibration effects of the construction activity beyond those measures set out in the CNVMP. (c) To achieve the objective, the Schedule shall include details such as: (i) construction activity location, start and finish dates; (ii) the nearest neighbours to the construction activity; (iii) the predicted noise and/or vibration level for all receivers where the levels are predicted or measured to exceed the applicable standards and predicted duration of the exceedance; (iv) for works proposed between 2000h and 0630h, the reasons why the proposed works must be undertaken during these hours and why they cannot be practicably undertaken during the daytime; (v) the proposed mitigation options that have been selected, and the options that have been discounted as being impracticable and the reasons why; (vi) the consultation undertaken with owners and occupiers of sites subject to the Schedule, and how consultation has and has not been taken into account; and (vii) location, times and types of monitoring. (d) The Schedule shall be submitted to the Manager for Certification at least five working days (except in unforeseen circumstances) in advance of Construction Works that are covered by the scope of the Schedule and shall form part of the CNVMP. (e) The CNVMP Schedule shall be deemed certified five working days from the submission of the CNVMP Schedule where no written confirmation of Certification has been received. (f) Where material changes are made to a Schedule required by this condition, the Requiring Authority shall consult the owners and/or occupiers of sites subject to the Schedule prior to submitting the amended Schedule to the Manager for Certification in accordance with (d) above. The amended Schedule shall document the consultation undertaken with those owners and occupiers, and how consultation outcomes have and have not been taken into account.

27.	Historic Heritage Management Plan (HHMP) (a) A HHMP shall be prepared in consultation with Council, HNZPT and Mana Whenua prior to the Start of Construction for a Stage of Work. The objective of the HHMP is to protect historic heritage and to remedy and mitigate any residual effects as far as practicable. (b) To achieve the objective, the HHMP shall identify: (i) any adverse direct and indirect effects on historic heritage sites and measures to appropriately avoid, remedy or mitigate any such effects, including a tabulated summary of these effects and measures; (ii) methods for the identification and assessment of potential historic heritage places within the designation to inform detailed design; (iii) known historic heritage places and potential archaeological sites within the designation, including identifying any archaeological sites for which an Archaeological Authority under the HNZPTA will be sought or has been granted; (iv) any unrecorded archaeological sites or post-1900 heritage sites within the designation, which shall also be documented and recorded; (v) roles, responsibilities and contact details of project personnel, Council and HNZPT representatives, Mana Whenua representatives, and relevant agencies involved with heritage and archaeological matters including surveys, monitoring of Construction Works, compliance with AUP accidental discovery rule, and monitoring of conditions; (vi) specific areas to be investigated, monitored and recorded to the extent these are directly affected by the project; (vii) the proposed methodology for investigating and recording post-1900 historic heritage sites (including buildings) that need to be destroyed, demolished or relocated, including details of their condition, measures to mitigate any adverse effects and timeframe for implementing the proposed methodology, in accordance with the HNZPT Archaeological Guidelines Series No.1: Investigation and Recording of Buildings and Standing Structures (November 2018), or any subsequent version; (viii) methods to acknowledge cultural values identified through Condition 15 where archaeological sites also involve ngā taonga tuku iho (treasures handed down by our ancestors) and where feasible and practicable to do so; (ix) methods for avoiding, remedying or mitigating adverse effects on historic heritage places and sites within the designation during Construction Works as far as practicable. These methods shall include, but are not limited to: A. security fencing or hoardings around historic heritage places to protect them from damage during construction or unauthorised access; B. measures to mitigate adverse effects on historic heritage sites that achieve positive historic heritage outcomes such as increased public awareness and interpretation signage; and C. training requirements and inductions for contractors and subcontractors on historic heritage places within the designation, legal obligations relating to unexpected discoveries and the AUP Accidental Discovery Rule (E11.6.1). The training shall be undertaken prior to the Start of Construction, under the guidance of a Suitably Qualified Person and Mana Whenua representatives (to the extent the training relates to cultural values identified under Condition 15). Advice note: Accidental Discoveries The requirements for accidental discoveries of heritage items are set out in Rule E11.6.1 of the AUP.

28.	Pre-Construction Ecological Survey (a) At the start of detailed design for a Stage of Work, an updated ecological survey shall be undertaken in the relevant geographic area by a Suitably Qualified Person. The purpose of the survey is to inform ecological management by: (i) confirming whether the species of value within the Identified Biodiversity Areas recorded in the Identified Biodiversity Area Schedule 3 are still present; and (ii) confirming whether the project will or is likely to have a moderate or greater level of ecological effect on species of value (prior to implementation of impact management measures). The level of effect shall be determined in accordance with Table 10 of the EIANZ Guidelines (or subsequent updated version of that table) as included in Schedule 4 of these conditions. (b) If the ecological survey confirms the presence of ecological species of value in accordance with Condition 28(a)(i) and that effects are likely in accordance with Condition 28(a)(ii) then an Ecological Management Plan (or Plans) shall be prepared in accordance with Condition 29 for these areas (Confirmed Biodiversity Areas).

29.	Ecological Management Plan (EMP) (a) An EMP shall be prepared for any Confirmed Biodiversity Areas (confirmed through Condition 28) prior to the Start of Construction for a Stage of Work. The objective of the EMP is to minimise effects of the project on the ecological features of value in Confirmed Biodiversity Areas as far as practicable. (b) If an EMP is required in accordance with (a) for the presence of long tail bats, the EMP may include the following to achieve the objective: (i) measures to minimise as far as practicable, disturbance from construction activities within 50m of any active long tail bat roosts that are discovered through survey until such roosts are confirmed to be vacant of bats; (ii) timing of any Construction Works within 50m of any active maternity long tail bat roosts. Those Construction Works shall be undertaken outside the bat maternity period (between December and March) where reasonably practicable; (iii) details of areas where vegetation is to be retained and where additional planting is proposed to be provided and maintained for the purposes of the connectivity of long tail bat habitats; and (iv) details of measures to minimise any operational disturbance from light spill. (c) If an EMP is required in accordance with (a) for the presence of Threatened or At-Risk birds (excluding wetland birds), the EMP may include the following to achieve the objective: (i) timing of any Construction Works which may have adverse effects on Threatened or At-Risk birds (excluding wetland birds). Those Construction Works shall be undertaken outside the bird breeding season (September to February) where practicable; and (ii) where works are required within the area identified in the Confirmed Biodiversity Area during the bird breeding season, methods to minimise adverse effects on Threatened or At-Risk birds. (d) If an EMP is required in accordance with (a) for the presence of Threatened or At-Risk wetland birds, the EMP may include the following to achieve the objective: (i) details of any nesting bird surveys of Threatened or At-Risk wetland birds. Nesting bird surveys shall be undertaken within any wetland that is both within a Confirmed Biodiversity Area and located within a 50m radius of Construction Works. Surveys shall be undertaken prior to any such works taking place and repeated at the beginning of each wetland bird breeding season until the Completion of Construction; (ii) timing of any Construction Works which may have adverse effects on Threatened or At-Risk wetland birds. Those Construction Works shall be undertaken outside of the bird breeding season (September to February) where practicable; (iii) where works are required within the Confirmed Biodiversity Area during the bird breeding season, methods to minimise adverse effects on Threatened or At-Risk wetland birds; and (iv) details of what protection and buffer measures are proposed to manage effects on nesting Threatened or At-Risk wetland birds identified through a survey undertaken in accordance with Condition (d)(i). Proposed measures shall address: A. the type, intensity and duration of construction activity; B. the likely sensitivity of the nesting bird species to the construction activity; and C. any environmental features (e.g., vegetation and contour) that could influence the extent of potential adverse effects on the Threatened or At-Risk wetland birds; and (v) details of measures to minimise any operational disturbance from light spill. (e) The EMP shall be consistent with any ecological management measures to be undertaken in compliance with conditions of any regional resource consents granted for the project.

	Advice note: Depending on the potential effects of the project, the regional consents for the project may include the following monitoring and management plans: (i) stream and/or wetland restoration plans; (ii) vegetation restoration plans; and (iii) fauna management plans (e.g. avifauna).
30.	Network Utility Management Plan (NUMP) (a) A NUMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the NUMP is to set out a framework for protecting, relocating and working in proximity to existing network utilities. (b) To achieve the objective, the NUMP shall include methods to: (i) provide access for maintenance at all reasonable times, or emergency works at all times during construction activities; (ii) protect and where necessary, relocate existing network utilities; (iii) manage the effects of dust and any other material potentially resulting from construction activities and able to cause material damage, beyond normal wear and tear to overhead transmission lines in the project area; (iv) demonstrate compliance with relevant standards and Codes of Practice including, where relevant, the NZECP 34:2001 New Zealand Electrical Code of Practice for Electrical Safe Distances 2001; AS/NZS 4853:2012 Electrical hazards on Metallic Pipelines, and AS/NZS 2885 Pipelines – Gas and Liquid Petroleum. (c) The NUMP shall be prepared in consultation with the relevant Network Utility Operator(s) who have existing assets that are directly affected by the project. (d) The development of the NUMP shall consider opportunities to coordinate future work programmes with other Network Utility Operator(s) during detailed design where practicable. (e) The NUMP shall describe how any comments from the Network Utility Operator in relation to its assets have been addressed. (f) Any comments received from the Network Utility Operator shall be considered when finalising the NUMP. (g) Any amendments to the NUMP related to the assets of a Network Utility Operator shall be prepared in consultation with that asset owner.
31.	Network Integration Management Plan (NIMP) (a) At least six months prior to the start of detailed design for a Stage of Work, the Requiring Authority shall prepare, in collaboration with other relevant road controlling authorities, a NIMP. (b) The objective of the NIMP is to identify how the project will integrate with the planned transport network in the North Growth Area to achieve an effective, efficient and safe land transport system. To achieve this objective, the NIMP shall include details of the: (i) project implementation approach and any staging of the project, including both design, management and operational matters; and (ii) sequencing of the project with the planned transport network, including both design, management and operational matters.

Operational condition	
32.	Low Noise Road Surface (a) Asphaltic concrete surfacing (or equivalent low noise road surface) shall be implemented within 12 months of Completion of Construction of the project. (b) The asphaltic concrete surface shall be maintained as far as practicable to retain the noise reduction performance of the surface established in accordance with (a), unless Condition 33 applies.
33.	Future Resurfacing Work (a) Any future resurfacing works of the project shall be undertaken in accordance with the Auckland Transport Reseal Guidelines, Asset Management and Systems 2013 or any updated version and asphaltic concrete surfacing (or equivalent low noise road surface) shall be implemented where: (i) the volume of traffic exceeds 10,000 vehicles per day; (ii) the road is subject to high wear and tear (such as cul de sac heads, roundabouts and main road intersections); (iii) it is in an industrial or commercial area where there is a high concentration of truck traffic; or (iv) it is subject to high usage by pedestrians, such as town centres, hospitals, shopping centres and schools. (b) Prior to commencing any future resurfacing works, the Requiring Authority shall advise the Manager if any of the triggers in Condition 33(a)(i) – (iv) are not met by the road or a section of it and therefore where the application of asphaltic concrete surfacing (or equivalent low noise road surface) is no longer required on the road or a section of it. Such advice shall also indicate when any resealing is to occur.
	Traffic Noise For the purposes of Conditions 34 to 39: (a) Building-Modification Mitigation – has the same meaning as in NZS 6806; (b) Design year has the same meaning as in NZS 6806; (c) Detailed Mitigation Options – means the fully detailed design of the Selected Mitigation Options, with all practical issues addressed; (d) Habitable Space – has the same meaning as in NZS 6806; (e) Identified Noise Criteria Category – means the Noise Criteria Category for a PPF identified in Schedule 5: Identified PPFs Noise Criteria Categories; (f) Mitigation – has the same meaning as in NZS 6806:2010 Acoustics – Road-traffic noise – New and altered roads; (g) Noise Criteria Categories – means the groups of preference for sound levels established in accordance with NZS 6806 when determining the Best Practicable Option for noise mitigation (i.e. Categories A, B and C); (h) NZS 6806 – means New Zealand Standard NZS 6806:2010 Acoustics – Road-traffic noise – New and altered roads; (i) Protected Premises and Facilities (PPFs) – means only the premises and facilities identified in Schedule 5: Identified PPFs Noise Criteria Categories; (j) Selected Mitigation Options – means the preferred mitigation option resulting from a Best Practicable Option assessment undertaken in accordance with NZS 6806 taking into account any low noise road surface to be implemented in accordance with Condition 32; and (k) Structural Mitigation – has the same meaning as in NZS 6806.

34.	The Noise Criteria Categories identified in Schedule 5: Identified PPFs Noise Criteria Categories at each of the PPFs shall be achieved where practicable and subject to Conditions 34 to 39 (all traffic noise conditions). The Noise Criteria Categories do not need to be complied with at a PPF where: (a) the PPF no longer exists; or (b) agreement of the landowner has been obtained confirming that the Noise Criteria Category does not need to be met. Achievement of the Noise Criteria Categories for PPFs shall be by reference to a traffic forecast for a high growth scenario in a design year at least 10 years after the programmed opening of the project.
35.	As part of the detailed design of the project, a Suitably Qualified Person shall determine the Selected Mitigation Options for the PPFs identified on Schedule 5: Identified PPFs Noise Criteria Categories. For the avoidance of doubt, the low noise road surface implemented in accordance with Condition 32 may be (or be part of) the Selected Mitigation Option(s).
36.	Prior to the Start of Construction of the project, a Suitably Qualified Person shall develop the Detailed Mitigation Options for the PPFs identified in Schedule 5: Identified PPFs Noise Criteria Categories, taking into account the Selected Mitigation Options.
37.	If the Detailed Mitigation Options would result in the Identified Noise Criteria Category changing to a less stringent Category, e.g. from Category A to B or Category B to C, at any relevant PPF, a Suitably Qualified Person shall provide confirmation to the Manager that the Detailed Mitigation Option would be consistent with adopting the Best Practicable Option in accordance with NZS 6806 prior to implementation.
38.	The Detailed Mitigation Options shall be implemented prior to Completion of Construction of the project, with the exception of any low-noise road surfaces, which shall be implemented within 12 months of Completion of Construction.
39.	Any barriers required by the Detailed Mitigation Options shall be maintained so they retain their noise reduction performance as far as practicable.

Attachments

Schedule 1: General Accordance Plans and Information

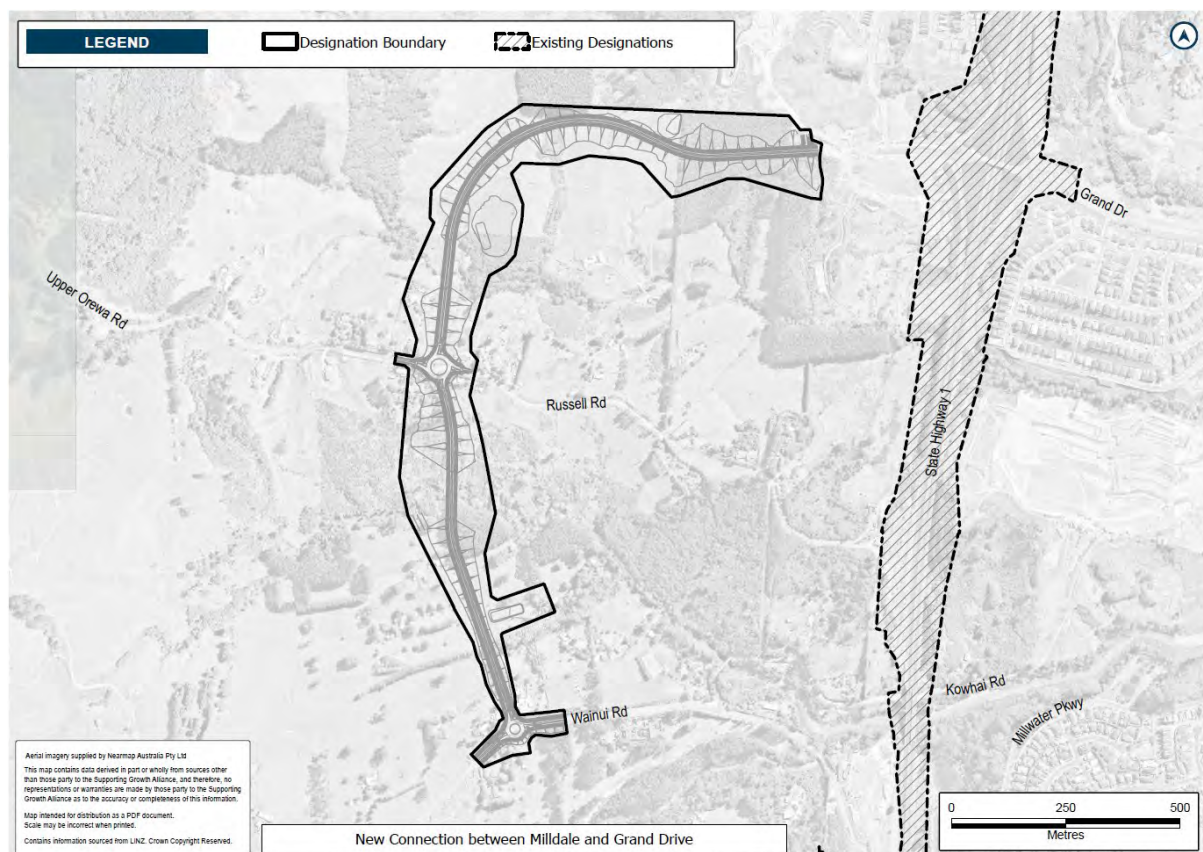
Project Description

The proposed work is the construction, operation and maintenance of an urban arterial corridor between Wainui Road in Milldale and Grand Drive in Upper Ōrewa, including active transport facilities and associated infrastructure.

The proposed work is shown in the following Concept Plan and includes:

- Construction of an urban arterial corridor with walking and cycling facilities.
- Tie-ins with existing roads and localised widening around the existing intersections to accommodate new intersection forms.
- New or upgraded stormwater management systems, bridges and culverts (where applicable).
- Batter slopes, and associated cut and fill activities (earthworks).
- Vegetation removal.
- Other construction related activities required outside the permanent corridor including the re-grade of driveways, construction traffic manoeuvring and construction laydown areas.

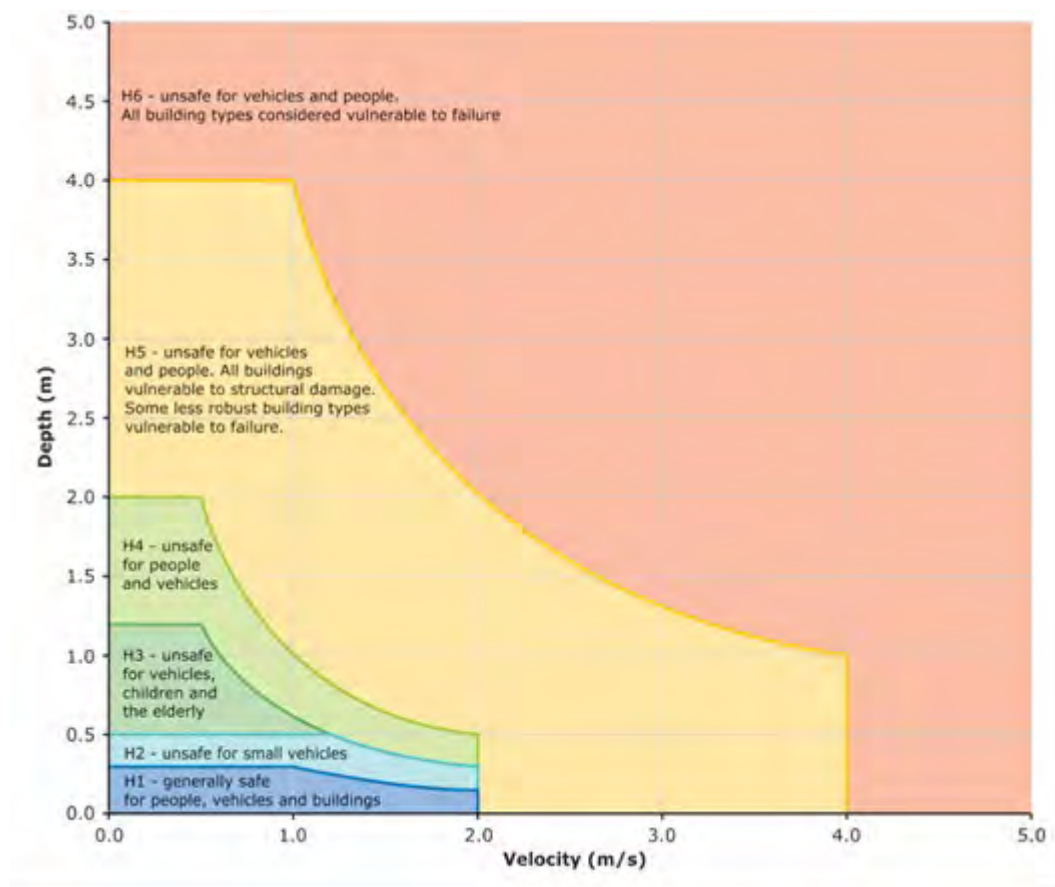
Concept Plan



Schedule 2 – Flood Hazard Class

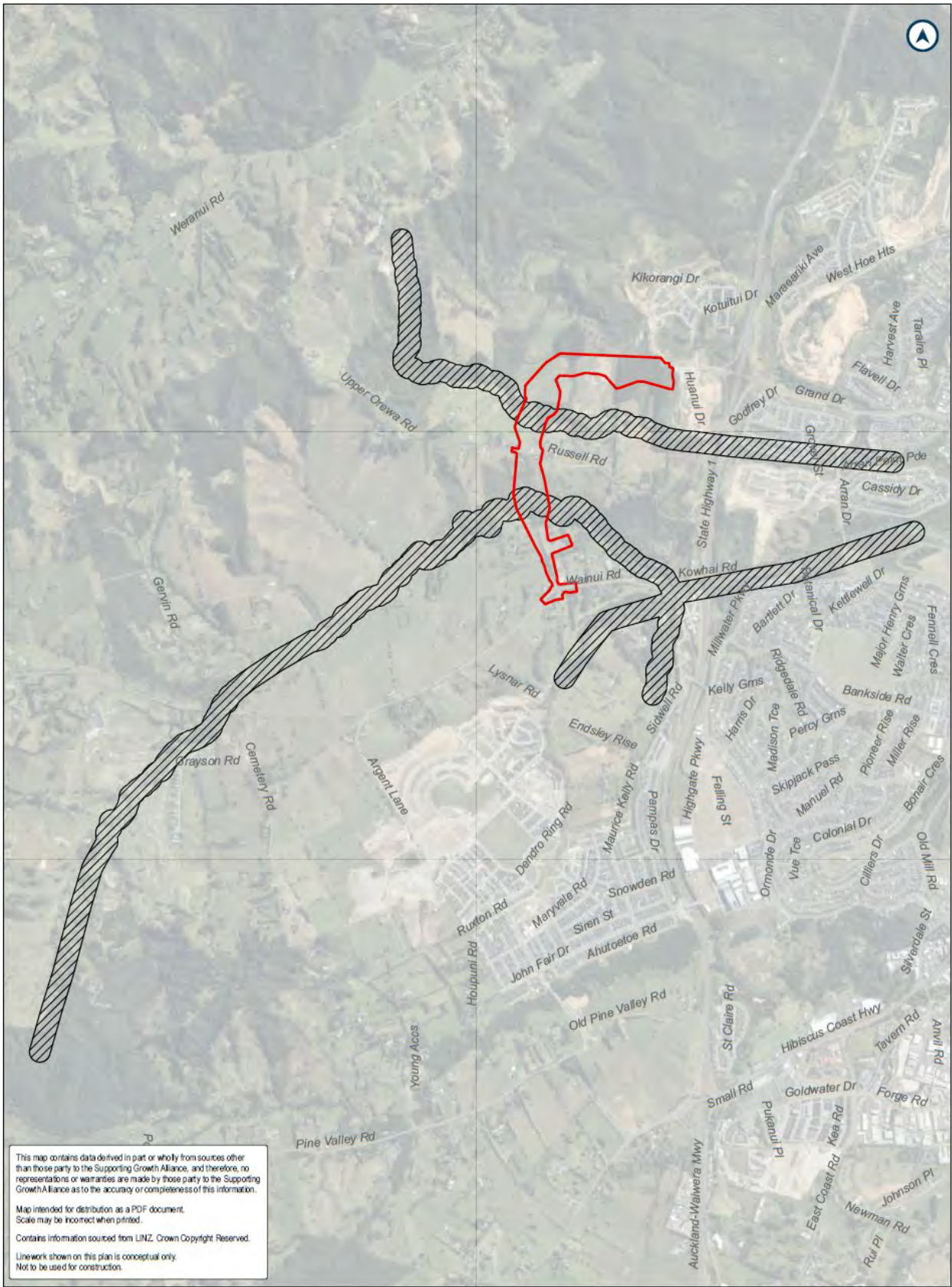
The combined flood hazard curves shown below set hazard thresholds that relate to the vulnerability of the community when interacting with floodwaters. The combined curves are divided into hazard classifications that relate to specific vulnerability thresholds

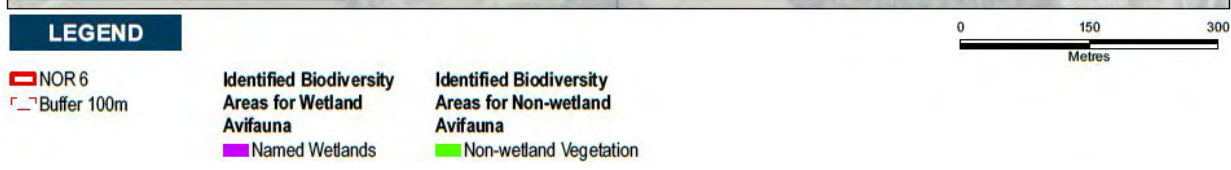
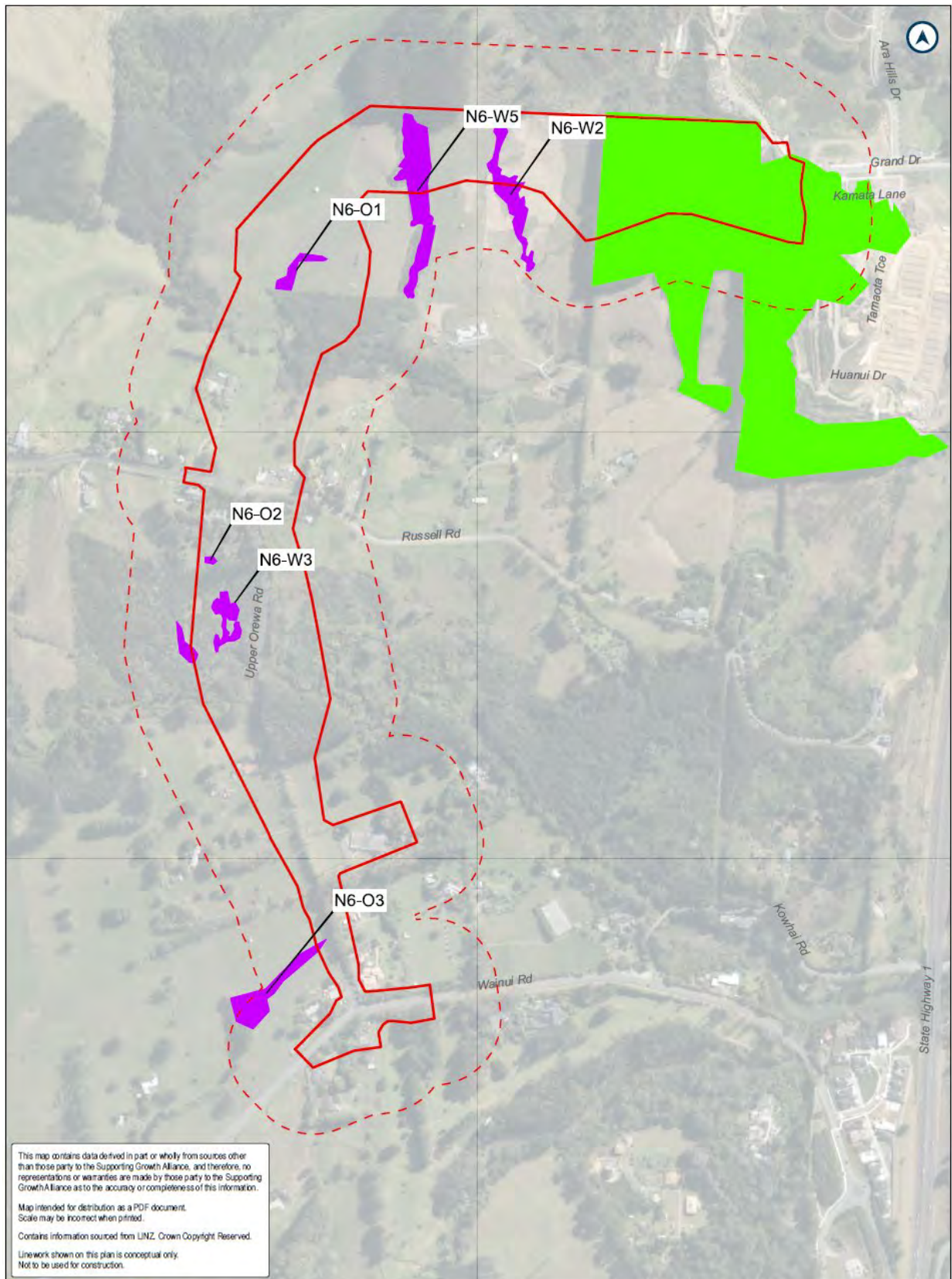
The vulnerability thresholds identified in the flood hazard curves can be applied to the best description of flood behaviour available for a subject site. In this regard, the hazard curves can be applied equally to flood behaviour estimates from measured data, simpler 1D numerical modelling approaches, through to complex 2D model estimates with the level of accuracy and uncertainty of the flood hazard estimate linked to the method used to derive the flood behaviour estimate.



Source: Australian Rainfall and Runoff, Book 6, 2019

Schedule 3: Identified Biodiversity Areas





Schedule 4: Table 10 of the 2018 EIANZ Guidelines

Criteria for describing level of effects (Adapted from Regini (2000) and Boffa Miskell (2011))

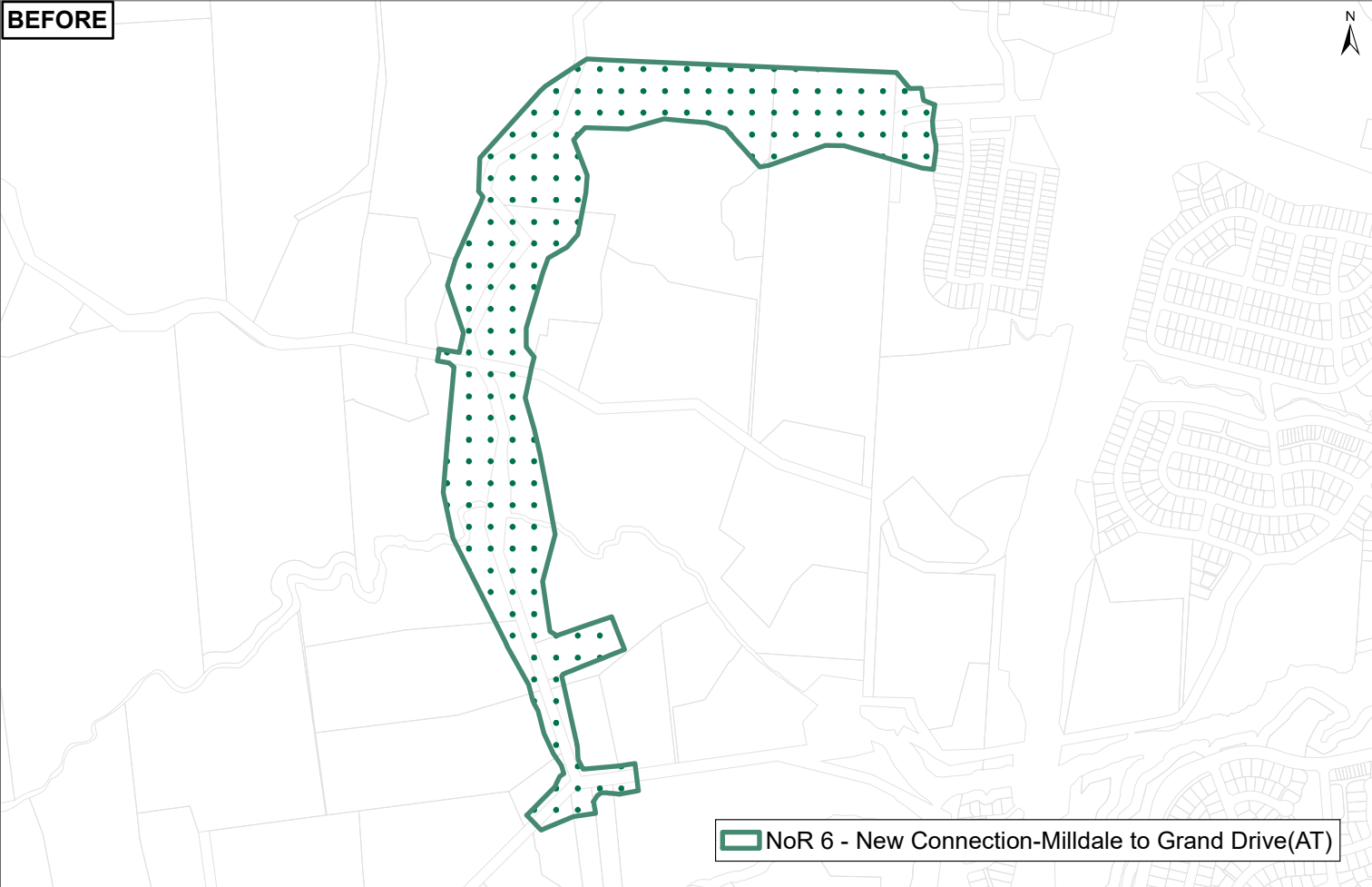
Ecological Value → Magnitude ↓	Very high	High	Moderate	Low	Negligible
Very high	Very high	Very high	High	Moderate	Low
High	Very high	Very high	Moderate	Low	Very low
Moderate	High	High	Moderate	Low	Very low
Low	Moderate	Low	Low	Very low	Very low
Negligible	Low	Very low	Very low	Very low	Very low
Positive	Net gain	Net gain	Net gain	Net gain	Net gain

Schedule 5: Identified PPFs Noise Criteria Categories

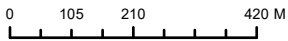
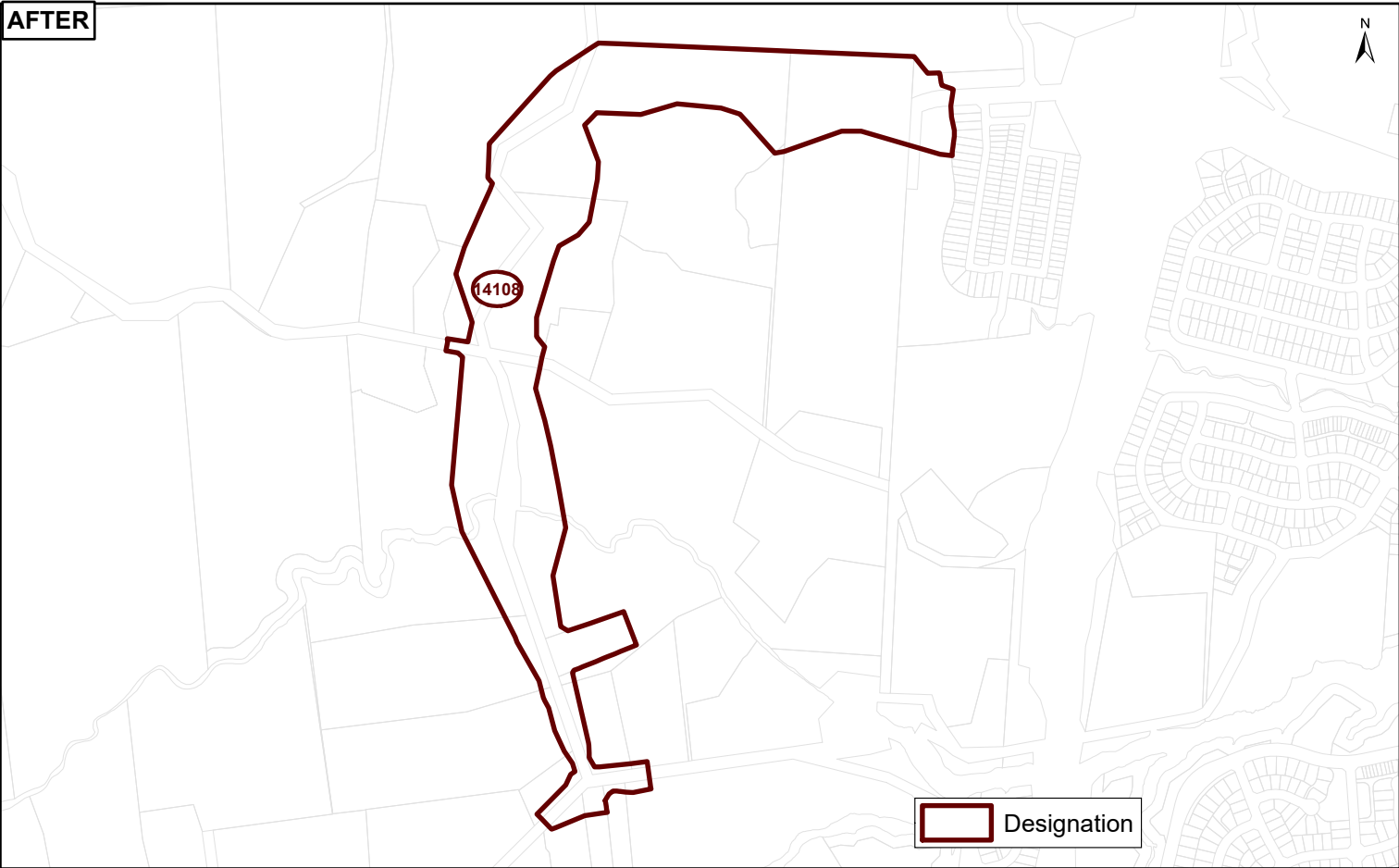
Address	New or Altered Road	Noise Criteria Category
85 Upper Orewa Road	Altered road	A
406 Wainui Road	Altered road	A
411 Wainui Road	Altered road	A
11 Russell Road	Altered road	A
90 Upper Orewa Road	Altered road	A
24 Upper Orewa Road	Altered road	A
29 Upper Orewa Road	Altered road	A
100 Upper Orewa Road	Altered road	A
392 Wainui Road	Altered road	A
411 Wainui Road	Altered road	A
379 Wainui Road	Altered road	A
427 Wainui Road	Altered road	A

Attachment 4
AUP GIS Viewer
Designation 14108 New Connection between Milldale and
Grand Drive conditions
(Before/After)

BEFORE



AFTER



Designations: 14108



Whilst due care has been taken, Auckland Council gives no warranty as to the accuracy and completeness of any information on this map/plan and accepts no liability for any error, omission or use of the information.

Date: 4/03/2026