

31 May 2024

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Dear Todd

**NOTICE OF DECISION OF NZ TRANSPORT AGENCY WAKA KOTAHI UNDER SECTION 172 OF THE RESOURCE MANAGEMENT ACT 1991**

Thank you for your letter received 18 April 2024 advising of the recommendations of the Auckland Council Independent Hearing Commissioners in relation to the five NZ Transport Agency Waka Kotahi (**NZTA**) Notices of Requirement that comprise part of the North West Project:

- NoR S1 – Alternative State Highway
- NoR S2 – SH16 Main Road
- NoR S3 – Rapid Transit Corridor
- NoR KS – Kumeū Rapid Transit Station
- NoR HS – Huapai Rapid Transit Station

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

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

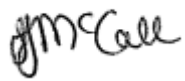
The **Table 1** below sets out:

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

Only those recommended conditions that NZTA has modified are outlined in the table below (shown in bold strikethrough for deletions and bold underline for additions).

Minor formatting and grammatical changes recommended by the Commissioners where they have been adopted have not been tracked.

Complete clean sets of designation conditions as a result of the NZTA decision, are **attached** to this letter as **Appendices A – E**. The clean set of conditions in Appendices A – E includes the changes set out in the table below, formatting changes (including rearranging order of conditions) and minor non-substantive changes (such as capitalisations).



Yours sincerely

Sonya McCall

Team Leader, Auckland / Northland Poutiaki Taiao / Environmental Planning

Transport Services

Pursuant to authority delegated by New Zealand Transport Agency Waka Kotahi

**Table 1: Modifications made by NZTA to conditions recommended by the Hearing Commissioners for NoRs S1, S2, S3, KS and HS**

Designation	Condition number	Modifications made by NZTA to conditions recommended by the Hearing Commissioners (additions to conditions are in <b>bold and underlined</b> and rejections are in <b>bold and strikethrough</b> )	Reason for modifications
All	-	<p><del>These conditions relate to Notices of Requirement S1, S2, S3, HS and KS, described as follows:</del></p> <p><del><b>S1 Alternative State Highway (ASH): A new four-laned dual carriageway motorway and the upgrade of the Brigham Creek Interchange.</b></del></p> <p><del><b>S2 SH16 Main Road: An upgrade to the existing urban corridor including active modes and realignment of the Station Road intersection with State Highway 16.</b></del></p> <p><del><b>S3 Rapid Transit Corridor (RTC): A new rapid transit corridor and active mode corridor in one co-located corridor.</b></del></p> <p><del><b>HS Huapai Station: A new rapid transit station, including transport interchange facilities, park-and-ride and accessway.</b></del></p> <p><del><b>KS Kumeū Station: A new rapid transit station, including transport interchange facilities and accessway.</b></del></p>	<p><b>Reject new conditions.</b></p> <p>The Panel has proposed new conditions to describe the designation purposes. NZTA rejects these additional conditions because the purpose of the designation is already described in each of the NORs, and that purpose will be reflected in the AUP schedule of designations. <i>Schedule 1: General Accordance Plans and Information</i> provides the Project description for which the works within the designation shall be undertaken in general accordance with, as referred to in Condition 1.</p>
All	Abbreviations and definitions	<p><b><u>Certification of material changes to management plans</u></b></p> <p>Confirmation from the Manager that a <del>CNVMP Schedule (or change thereto) or a</del> material change to a management plan has been prepared in accordance with the condition to which it relates.</p> <p>A <del>CNVMP Schedule (or change thereto) or a</del> material change to a management plan shall be deemed certified:</p> <ul style="list-style-type: none"> <li>a) where the Requiring Authority has received written confirmation from the Council that the <del>CNVMP Schedule or the</del> material change to the management plan is certified; or</li> <li>b) ten (10) working days from the submission of the <del>CNVMP Schedule or the</del> material change to the management plan where no written confirmation of certification has been received; or</li> <li>c) <del>five (5) working days from the submission of a change to the CNVMP Schedule where no written confirmation of certification has been received.</del></li> </ul>	<p><b>Reject amendments to definition including the additional clause (c)</b></p> <p>The Panel has recommended amendments to the definition of “certification” to the effect that certification would be required for CNVMP Schedules (and changes). NZTA rejects these amendments as certification is only required for material changes to management plans and requiring certification of the CNVMP Schedules is unnecessary for the reasons explained in closing submissions and the evidence of Ms Wilkening.<sup>1</sup></p> <p><b>Amendment by NZTA</b></p> <p>To improve clarity, NZTA inserts “<i>of material changes to management plans</i>” into the definition heading.</p>

<sup>1</sup> Closing legal submissions of Requiring Authority, dated 24 November 2023, at [16.11]; and Evidence of Siiri Wilkening, dated 8 September 2023, at [7.16].

Designation	Condition number	Modifications made by NZTA to conditions recommended by the Hearing Commissioners (additions to conditions are in <b>bold and underlined</b> and rejections are in <b>bold and strikethrough</b> )	Reason for modifications
All	Abbreviations and definitions	<p><del><b>Developer</b></del> _____</p> <p><del><b>Any legal entity that intends to master plan or develop land adjacent to the designation</b></del></p>	<p><b>Amendment by NZTA</b></p> <p>NZTA rejects the addition of the Land use Integration Process (LIP) condition, therefore the definition is not required.</p>
All	Abbreviations and definitions	<p><del><b>Development Agency</b></del> _____</p> <p><del><b>Public entities involved in development projects</b></del></p>	<p><b>Amendment by NZTA</b></p> <p>NZTA rejects the addition of the LIP condition, therefore the definition is not required.</p>
All	Abbreviations and definitions	<p><b>EIANZ Guidelines</b></p> <p>Ecological Impact Assessment: EIANZ guidelines for use in New Zealand: terrestrial and freshwater ecosystems, second edition, dated May 2018 <del>(or any updated version)</del>.</p>	<p><b>Reject the insertion of or ‘any updated version’ to the definition of the EIANZ Guidelines</b></p> <p>The Panel has recommended adding “or any updated version” at the end of this definition. NZTA rejects this amendment but has instead proposed an amendment to the Pre-Construction Ecological Survey condition (as discussed within that condition below).</p>
All	Abbreviations and definitions	<p><b>Identified Biodiversity Area</b></p> <p>Means an area or areas <u>of features</u> 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</p>	<p><b>Amendment by NZTA</b></p> <p>Insertion of the word “features” as it appears to have been missed in error.</p>
		<p><b>Mana Whenua</b></p> <p>Mana Whenua as referred to in the conditions <u>is are</u> considered to be, <del>(as a minimum)</del> 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 <del>includes but is not limited to:</del></p> <ul style="list-style-type: none"> <li>• Te Kawerau <del>ā</del> Maki</li> <li>• Ngāti Whātua o Kaipara</li> <li>• Te Ākitai Waiohū</li> </ul>	<p><b>Amendment by NZTA</b></p> <p>Amendments to improve drafting.</p> <p>The note has been deleted as this line item is a definition, not a condition.</p>

Designation	Condition number	Modifications made by NZTA to conditions recommended by the Hearing Commissioners (additions to conditions are in <b>bold and underlined</b> and rejections are in <b>bold and strikethrough</b> )	Reason for modifications
		<b>Note: Other iwi and hapū not identified above may have an interest in the Project and should be consulted.</b>	
All	Abbreviations and definitions	<p><b>Project Liaison Person</b></p> <p>The person or persons appointed <del>by the Requiring Authority</del> 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.</p>	<p><b>Reject additional wording.</b></p> <p>The Panel has recommended inserting the phrase "by the Requiring Authority". NZTA rejects this additional text as the definition defines the role, not who would appoint the person. The approach is consistent with the definition for Suitably Qualified Person, which does not (and does not need to) say who would appoint that person.</p>
All	Abbreviations and definitions	<p><b>Requiring Authority</b></p> <p>Has the same meaning as section 166 of the RMA and, for this Designation is <del>the New Zealand Transport Agency Waka Kotahi</del> <b><u>New Zealand Transport Agency.</u></b></p>	<p><b>Accept in part.</b></p> <p>The Panel has recommended amending the reference to "Auckland Transport" to "the New Zealand Transport Agency Waka Kotahi". The reference to Auckland Transport was included in error and the reference is updated to refer to "New Zealand Transport Agency", being the legal name of the Requiring Authority.</p> <p>Other references in the condition set have also been changed from Waka Kotahi to NZTA.</p>
<b>All except S3</b>	<b><u>Stakeholders</u></b>	<p><b><u>Stakeholders to be identified in accordance with Condition 3B which may include as appropriate:</u></b></p> <p><b><u>(a) adjacent owners and occupiers;</u></b></p> <p><b><u>(b) adjacent business owners and operators;</u></b></p> <p><b><u>(c) central and local government bodies;</u></b></p> <p><b><u>(d) community groups;</u></b></p> <p><b><u>(e) developers;</u></b></p> <p><b><u>(f) development agencies;</u></b></p> <p><b><u>(g) educational facilities; and</u></b></p>	<p><b>Reject</b></p> <p>See explanation in line item below.</p>

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		<b><u>(h) network utility operators.</u></b>	
<b><u>NOR S3</u></b>	Abbreviations and definitions	<p><b><del>Stakeholders to be identified in accordance with Condition 3B, which may include as appropriate:</del></b></p> <ul style="list-style-type: none"> <li>(a) adjacent owners and occupiers;</li> <li>(b) adjacent business owners and operators;</li> <li>(c) central and local government bodies;</li> <li>(d) community groups;</li> <li>(e) developers;</li> <li>(f) development agencies;</li> <li>(g) educational facilities;</li> <li>(h) network utility operators; and</li> <li>(i) emergency services.</li> </ul>	<p><b>Reject addition of ‘emergency services’ to all designations</b></p> <p>The Panel has recommended removing the specific definition of “Stakeholders” for NoR S3 and instead applying the NoR S3 definition across all corridors. The effect of this recommendation would be to include “emergency services” as an example of a Stakeholder for all corridors not just NoR S3.</p> <p>NZTA rejects this amendment as emergency services has been intentionally included in NoR S3 only as the Kumeū Fire Station site is located within the designation footprint. The list is framed inclusively and therefore is not exhaustive of those Stakeholders that may be engaged with at time of construction. NZTA would typically engage with emergency services and a wide range of other parties as part of the project development and delivery process – it is not necessary to list all parties in RMA conditions.</p>
<b>S1, S3 HS, KS</b>		<b><del>Conditions 1 – 36 of this designation shall only apply to the work described in the Project Description and the altered area identified in the Concept Plan in Schedule 1.</del></b>	<p><b>Reject</b></p> <p>The Panel has proposed this condition for all new corridors in addition to NoR S2 (an alteration to an existing designation). NZTA rejects this new condition as it is unnecessary for new corridors. The condition set has been combined for convenience during the statutory process but will be split out for each of the individual designations when included in the AUP (and as attached to this decision). The relevant conditions will be applied as appropriate to each designation.</p>

Designation	Condition number	Modifications made by NZTA to conditions recommended by the Hearing Commissioners (additions to conditions are in <b>bold and underlined</b> and rejections are in <b>bold and strikethrough</b> )	Reason for modifications
All	2	<p><b>Project Information</b></p> <p>(a) A project website, or equivalent virtual information source, shall be established as soon as reasonably practicable, and within 6 months of the inclusion of the designation in the AUP.</p> <p>(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:</p> <p>...</p> <p>(vi) how / where to access noise modelling contours to inform <del>the design of</del> development adjacent to the designation;</p> <p>(vii) when and how to apply for consent for works in the designation under section 176(1)(b) of the RMA; and</p> <p>...</p>	<p><b>Accept (a)</b></p> <p>The Panel proposed to amend the wording of clause (a) to read "... inclusion of the designation in the AUP". NZTA accepts this amendment.</p> <p><b>Reject (b)(vi)</b></p> <p>The Panel recommended including the words "the design of" into clause (b)(vi). NZTA rejects the addition because noise modelling contours will be made available to inform all aspects of such development (such as subdivision layout and building location).</p>
S1 S2 S3 HS	2A	<p><del><b>Land use Integration Process (LIP)</b></del></p> <p><del>(a) A Land use Integration Process for the period between confirmation of the designation and the Start of Construction shall be established. The purpose of this process is to encourage and facilitate the integration of master planning and land use development activity on land directly affected by, or adjacent to the designation. To achieve this purpose:</del></p> <p><del>(i) The contact details of a nominated contact shall be included on the project website (or equivalent information source) required to be established by Condition (2)(a)(iii).</del></p> <p><del>(ii) The nominated contact shall facilitate engagement with a Developer or Development Agency wanting to work with the Requiring Authority to integrate their development plans or master planning with the designation.</del></p> <p><del>(b) At any time prior to the Start of Construction, the nominated contact shall be available to engage with a Developer or Development Agency for the purpose of:</del></p> <p><del>(i) Responding to requests for information regarding design details that could assist with land use integration; and</del></p>	<p><b>Reject additional condition.</b></p> <p>The Panel has recommended that the LIP condition be included in the NZTA designations. NZTA rejects this recommendation because it is unnecessary for the reasons explained in the evidence of Mr Elley, i.e. that transport corridor interfaces with adjacent land uses are appropriately managed through existing processes.<sup>2</sup> As detailed in the evidence of Mr Rama,<sup>3</sup> NZTA already has well established and effective processes in place to manage works within the designation through the section 176 processes.</p>

<sup>2</sup> Rebuttal Evidence of Regan Elley, dated 8 September 2023, at [3.9] – [3.16]

<sup>3</sup> Primary Evidence of Deepak Rama, dated 2 August 2023 [6.1] – [6.4]

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		<p><del>(ii) Receiving information from a Developer or Development Agency regarding master planning or land development details that could assist with land use integration.</del></p> <p><del>(c) Information provided by the Requiring Authority under Condition 2A(b) above may include but not be limited to the following matters:</del></p> <p><del>(i) Design details of the project including:</del></p> <p style="padding-left: 40px;"><del>A. boundary treatment (e.g. the use of retaining walls or batter slopes);</del></p> <p style="padding-left: 40px;"><del>B. the horizontal and vertical alignment of the road (levels);</del></p> <p style="padding-left: 40px;"><del>C. potential locations for mid-block crossings;</del></p> <p style="padding-left: 40px;"><del>D. integration of stormwater infrastructure; and</del></p> <p style="padding-left: 40px;"><del>E. outputs from any flood modelling,</del></p> <p><del>(ii) Potential modifications to the extent of the designation in response to information received through Condition 2A(b)(ii);</del></p> <p><del>(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;</del></p> <p><del>(iv) Details of how to apply for written consent from the Requiring Authority for any development proposal that relates to land is within the designation under section 176(1)(b) of the RMA; and</del></p> <p><del>(v) How / where to access noise modelling contours to inform development adjacent to the designation.</del></p> <p><del>(d) Where information is requested from the Requiring Authority and is available, it shall be provided unless there are reasonable grounds for not providing it.</del></p> <p><del>(e) The Requiring Authority shall maintain a record of engagement with 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:</del></p> <p style="padding-left: 40px;"><del>(i) A list of all Developers and Development Agencies who indicated through the notice of requirement process that they intend to master plan or develop sites along the Project alignment that may require specific integration with the designation;</del></p> <p style="padding-left: 40px;"><del>(ii) A summary of requests made to the Requiring Authority that could influence detailed design, the results of any engagement and, where such requests that could influence</del></p>	



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		<p><del>detailed design are declined, the reasons why the Requiring Authority has declined the requests; and</del></p> <p>(iii) <del>Details of any requests to co-ordinate the forward work programme, where appropriate, with Development Agencies and Network Utility Operators.</del></p> <p>(iv) <del>The record shall be submitted to the Council for information ten (10) working days prior to the Start of Construction for a Stage of Work.</del></p>	
All	3	<p><b>Designation Review</b></p> <p><b><del>Pre-construction review</del></b></p> <p>(a) <del>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 keep stakeholders updated on progress with implementation of the project, and to enable areas of designated land to be removed from the designation if identified as being no longer required.</del></p> <p>(b) <del>The review shall involve affected landowners and occupiers and:</del></p> <p>(i) <del>provide an update on the progress or effort made to give effect to the designation and the anticipated date for implementation;</del></p> <p>(ii) <del>review the extent of the designation to identify any areas of designated land that are no longer required for the designation; and</del></p> <p>(iii) <del>be made publicly available on the project website and be made available to the Council.</del></p> <p><b><del>Post-construction review</del></b></p> <p>(a) As soon as reasonably practicable, <del>but no later than six (6) months</del>, following <del>the</del> Completion of Construction the Requiring Authority shall:</p> <p>(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</p> <p>(i) give notice to the Council in accordance with section 182 of the RMA for the removal of those parts of the designation identified above.</p>	<p><b>Reject pre-construction review.</b></p> <p>The Panel has recommended the inclusion of a pre-construction review condition. NZTA rejects this recommendation.</p> <p>NZTA explained why such a condition is unnecessary in its closing submissions<sup>4</sup>; in particular:</p> <ul style="list-style-type: none"> <li>Section 79 of the RMA requires the Council to undertake a review of the District Plan every 10 years, which provides an appropriate opportunity for a Requiring Authority to review the need for a designation.</li> <li>The lapse periods are based on long-term implementation timeframes and a periodic review could create an expectation for a shorter timeframe than is the case.</li> <li>The project website will be established, as soon as reasonably practicable, and within 6 months of the designation inclusion in the AUP, to provide landowners, occupiers and the community updates (if any) on the Projects.</li> <li>The requirement to undertake a periodic review across all designations (including</li> </ul>

<sup>4</sup> Closing legal submissions of Requiring Authority, dated 24 November 2023, at [4.35 – 4.44]

Designation	Condition number	Modifications made by NZTA to conditions recommended by the Hearing Commissioners (additions to conditions are in <b>bold and underlined</b> and rejections are in <b>bold and strikethrough</b> )	Reason for modifications
			<p>others within the region) would be an inefficient imposition on public funds that could otherwise be allocated to priority projects.</p> <ul style="list-style-type: none"> <li>The process to consider requests for s 176 consent to work within the designation will inherently prompt NZTA to confirm its ongoing need for the designation over a particular site.</li> </ul> <p><b>Amend post-construction review.</b></p> <p>The Panel has recommended that the post-construction review occur no later than six months following the Completion of Construction. NZTA rejects this recommendation and amends the condition to remove reference to the six-month timeframe.</p> <p>Flexibility is needed in the timing for any post-construction designation review as the roll back process is subject to third party actions and other factors that influence timeframes.<sup>5</sup></p>
<p><b>S1</b> <b>S2</b> <b>S3</b></p>	<p><b>4</b></p>	<p><b>Network Utility Operators and Auckland Council (Section 176 Approval)</b></p> <p>(a) Prior to the start of Construction Works, Network Utility Operators with existing infrastructure and Auckland Council in relation to parks will not require written consent under section 176 of the RMA for the following activities:</p> <p>...</p> <p>(ii) minor renewal works to existing network utilities <del>and/</del> or parks necessary for the on-going provision or security of supply of network utility operations <del>and/</del> or parks <b>operations</b>;</p> <p>...</p>	<p><b>Amendment by NZTA</b></p> <p>Amendments in clause (ii) to improve clarity of the condition including adding the word “operations”.</p> <p>Amendments in clause (iv) to clarify the nature of the effects referred to, and to remove the reference to parks given the potential nature or scale of activities that could risk preventing or hindering future work in the designation. Consent to upgrade park facilities can be requested under section 176 for these activities in accordance with normal process.</p>

<sup>5</sup> Rebuttal evidence of Alastair Lovell, dated 8 September 2023 and adopted by Deepak Rama [4.1 – 4.4].

Designation	Condition number	Modifications made by NZTA to conditions recommended by the Hearing Commissioners (additions to conditions are in <b>bold and underlined</b> and rejections are in <b>bold and strikethrough</b> )	Reason for modifications
		<p>(iv) the upgrade and replacement of existing network utilities <del>and/or parks</del> in the same location with the same or similar effects <u>on the work authorised by the designation</u> as the existing utility <del>and/or park</del>.</p> <p>...</p>	<p>This provides an opportunity for NZTA and Auckland Council to engage on the proposed work, including opportunities for mutually beneficial outcomes.</p>
<p><b>KS</b> <b>HS</b></p>	<p><b>4</b></p>	<p><b>Network Utility Operators (Section 176 Approval)</b></p> <p>(a) Prior to the start of Construction Works, Network Utility Operators with existing infrastructure <del>located within the designation</del> will not require written consent under section 176 of the RMA for the following activities:</p> <p>(i) operation, maintenance and <del>urgent</del> repair works;</p> <p>(ii) minor renewal works to existing network utilities <u>necessary</u> for the on-going provision or security of supply of network utility operations;</p> <p>...</p> <p>(iv) the upgrade and replacement of existing network utilities in the same location with the same or similar effects <u>on the work authorised by the designation</u> as the existing utility.</p>	<p><b>Amendment by NZTA to clause (a)(i)</b></p> <p>The words “located within the designation” have been deleted, as all conditions and the section 176 RMA requirements only apply to works within the designation.</p> <p>The deletion of ‘urgent’ was raised through engagement with network utility operators who indicated that most repair works are likely to be non-urgent and should be allowed to proceed without written consent under section 176. NZTA consider this reasonable to enable the ongoing operation of network utilities.</p> <p><b>Amendment by NZTA to clause (a)(ii)</b></p> <p>The amendment improves the clarity of the condition.</p> <p><b>Amendment by NZTA to clause (a)(iv)</b></p> <p>Amendments in clause (iv) to clarify the nature of the effects referred to.</p>
<p><b>All</b></p>	<p><b>6</b></p>	<p><b>Management Plans</b></p> <p>(a) Any management plan shall:</p> <p>(i) Be prepared and implemented in accordance with the relevant management plan condition <del>and to achieve its objective or purpose</del>;</p> <p>...</p> <p>(iv) Summarise comments received from Mana Whenua and <del>other</del> stakeholders as required by the relevant management plan condition, along with a summary of where comments have:</p> <p>...</p>	<p><b>Reject amendment to (i)</b></p> <p>The Panel recommends including “and to achieve its objective or purpose”. NZTA rejects this addition as the individual management plan conditions already include such requirements.</p> <p><b>Amendment by NZTA</b></p>

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			Remove “other” as the role of Mana Whenua in future project delivery will differ from external stakeholders.
All	8	<p><b>Network Integration Management Plan (NIMP)</b></p> <p>(b) The objective of the NIMP is to identify how the Project will integrate with the planned transport network in the North West growth area to achieve an effective, efficient and safe land transport system. To achieve this objective, the NIMP shall include details of the:</p> <p>...</p> <p>(ii) Sequencing of the Projects with the planned transport network, including design, management and operational matters <del>and whether Designation S1 can practicably be implemented prior to Designations S2 and S3 in order to minimise adverse effects on SH16 and the Kumeū Town Centre.</del></p>	<p><b>Reject addition to clause (b)(ii)</b></p> <p>The Panel recommends additional wording in relation to sequencing of designations S1, S2 and S3. NZTA rejects this recommendation because the potential adverse effects on the operation of SH16 Main Road and Kumeū Town Centre have been assessed and will be appropriately managed by the existing conditions, including the NIMP and the CTMP. The relative timing for implementation of work in designations S1, S2 and S3 will depend on factors such as growth, wider transport and land use planning, and availability of funding <sup>6</sup>.</p>
S2 S3	8A	<p><b>Stakeholder Communication and Engagement Management Plan (SCEMP)</b></p> <p>(b) The objective of the SCEMP is to identify how the public and Stakeholders will be engaged with throughout Construction Works. To achieve the objective, the SCEMP shall include:</p> <p>...</p> <p>(iv) 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);</p> <p><del>(v) the procedures for ensuring that there is a contact person available for the duration of Construction Works, for public enquiries or complaints about the Construction Works;</del></p> <p>(vii) methods to <u>manage avoid, remedy or mitigate</u> the potential loss of visibility from public spaces, and <del>physical</del> severance to businesses in the Business - Town Centre Zones, informed</p>	<p><b>Reject amendment to (vii)</b></p> <p>The Panel recommends that “avoid, remedy or mitigate” is more appropriate than “manage” in clause (b)(vii). NZTA rejects this amendment. The objective of the SCEMP is to identify how the public and stakeholders will be engaged with throughout Construction Works. In this context, “manage” is more appropriate.</p> <p><b>Reject insertion of “physical” in (vii)</b></p> <p>The Panel recommends that severance is limited to “physical” severance. NZTA rejects the addition of “physical” as it is considered that severance should encompass all forms of potential severance, i.e. visual and physical.</p> <p><b>Reject addition of clause (xi)</b></p>

<sup>6</sup> Primary Evidence of Deepak Rama, dated 2 August 2023 [4.1] [4.5] and Primary Evidence of Joe Phillips, dated 2 August 2023, at [1.4], [6.1 – 6.14].

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		<p>by engagement undertaken in accordance with (i) and (ii) above. These methods could include (but not be limited to) customer access arrangements, temporary wayfinding and signage;</p> <p>...</p> <p><del>(xi) provision for a hardship fund to compensate or offset business costs or losses arising from the Construction Works on the operation of the business.</del></p> <p>(c) Any SCEMP prepared for a Stage of Work shall be submitted to the Council for information a minimum of ten <del>(10)</del> working days prior to the Start of Construction for a Stage of Work.</p>	<p>The Panel proposes an additional clause relating to a hardship fund. NZTA rejects this recommendation. It is not mandated by current statutory requirements. Compensation matters are provided for by the PWA.</p> <p><b>Accept addition to clause (c)</b></p> <p>The Panel recommended adding “minimum” into clause (c), which NZTA accepts.</p> <p><b>Amendment by NZTA to clause (b)(v)</b></p> <p>NZTA removes clause (b)(v) because the content duplicates requirements in (b)(iv) and is therefore unnecessary.</p>
<p><b>S1</b> <b>HS</b> <b>KS</b></p>	<p><b>8A</b></p>	<p><b>Stakeholder Communication and Engagement Management Plan (SCEMP)</b></p> <p>(b) The objective of the SCEMP is to identify how the public and Stakeholders will be engaged with throughout Construction Works. To achieve the objective, the SCEMP shall include:</p> <p>...</p> <p>(iv) 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);</p> <p><del>(v) the procedures for ensuring that there is a contact person available for the duration of Construction Works, for public enquiries or complaints about the Construction Works;</del></p> <p>...</p> <p>(c) Any SCEMP prepared for a Stage of Work shall be submitted to the Council for information <b>with the Outline Plan a minimum of ten working days prior to the Start of Construction for a Stage of Work.</b></p>	<p><b>Amendment by NZTA to clause (b)(v)</b></p> <p>NZTA removes clause (b)(v) because the content duplicates requirements in (b)(iv).</p> <p><b>Amendment by NZTA to clause (c)</b></p> <p>NZTA has amended clause (c) consistent with the approach outlined in its written closing submissions. That is, that the SCEMP will be provided separate to the Outline Plan process and prepared prior to the start of construction. The proposed Stakeholder Communication and Engagement condition requires that the identification of stakeholders, directly affected properties and engagement methods must take place at least six months before detailed design, and it is a record of those matters that must be submitted at the Outline Plan stage (not the SCEMP). Previous wording was retained in error.</p> <p>NZTA has also adopted the inclusion of “minimum” to clause (c), to be consistent with</p>

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			the Panel's recommendation for the other NORs.
All	[NEW]	<p><b>Network Utilities Integration</b></p> <p><b>[relocated from NUMP into new condition]</b></p> <p>The Requiring Authority shall consult with Network Utility Operators during the detailed design phase to consider opportunities to enable, or not preclude, the development of new network utility facilities including access to power and ducting within the Project, where practicable to do so. The consultation undertaken, opportunities considered, and whether or not they have been incorporated into the detailed design, shall be summarised in the <del>NUMP</del> <b><u>Outline Plan(s) prepared for the Project.</u></b></p>	<p><b>Amendment by NZTA</b></p> <p>NZTA has relocated this clause from the NUMP condition to form a standalone condition and consequentially updated that consultation undertaken, opportunities considered, and whether or not they have been incorporated into the detailed design, be summarised in the Outline Plan (not the NUMP). This is because the condition relates to opportunities in the design phase, whereas the NUMP primarily applies to the construction phase.</p>
S1 S2 S3	8B	<p><b>Open Space Management Plan (OSMP)</b></p> <p>...</p> <p>(c) The objective of the OSMP is to minimise, as far as practicable, adverse effects on the recreation amenity of Fred Taylor Park resulting from the Project. To achieve the objective, the OSMP shall include details of:</p> <p>...</p> <p>(iii) (iv) how matters raised by Auckland Council Parks and relevant stakeholders <del>identified pursuant to condition 3B</del> <b><u>identified pursuant to condition 3B</u></b> have been incorporated into the OSMP, and where matters have not been incorporated, the reasons why not.</p>	<p><b>Accept amendment to (c)(iv)</b></p> <p>NZTA accepts the removal of the word 'key' in reference to stakeholders in clause (c)(iv).</p> <p><b>Amendments by NZTA</b></p> <p>NZTA has also amended the condition to remove reference to Condition 3B in clause (c)(iv). The OSMP will be prepared by a Suitably Qualified Person, who is best positioned to advise on who the relevant stakeholders are, and how matters raised may be addressed.</p>
S1	9	<p><b>Urban and Landscape Design Management Plan (ULDMP)</b></p> <p><b>[note some clauses have been re-located in clean sets]</b></p> <p>...</p> <p>(c) <b>Relevant</b> stakeholders <del>identified through the Condition 3B</del> shall be invited to participate in the development of the ULDMP at least six (6) months prior to the start of detailed design for a Stage of Work.</p>	<p><b>Accept (c) in part - removal of 'key'</b></p> <p>The Panel recommends deleting the word "key" in front of Stakeholders. NZTA accepts the removal of "key" in clause (c) and replace with "relevant". The reference to "relevant" stakeholders in the conditions is required because at this stage of a project, engagement should be focussed on those Stakeholders</p>

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		<p>(d) The ULDMP shall be prepared in general accordance with:</p> <p>...</p> <p>(iii) <del>Waka Kotahi</del> <b><u>NZTA</u></b> Landscape Guidelines (2013<del>8</del>) or any subsequent updated version; and</p> <p>...</p> <p>(e) To achieve the objective <b><u>set out in Condition 9(1)</u></b>, the ULDMP(s) shall provide details of how the project:</p> <p>...</p> <p>(f) The ULDMP(s) shall include:</p> <p>...</p> <p>(iii) landscape and urban design details – that cover the following:</p> <p>...</p> <p>E. Landscape treatment <b><u>and planting</u></b> of permanent stormwater control wetlands and swales ...</p> <p>...</p> <p>H. Historic heritage places with reference to the HHMP <b><u>(Condition 21)</u></b>;</p> <p>I. Reinstatement of construction and site compound areas;</p> <p>J. Reinstatement of features to be retained such as:</p> <p>a. boundary features;</p> <p>b. landscaping;</p> <p>c. driveways;</p> <p>d. accessways; <b><u>and</u></b></p> <p>e. fences <b><u>and</u></b></p> <p>f. <del>site utilities.</del></p> <p>(g) The ULDMP shall also include the following planting details and maintenance requirements:</p> <p>(i) planting design details including:</p>	<p>considered relevant to the Stage of Work. The ULDMP will be prepared by a Suitably Qualified Person who will be best qualified to advise on who the relevant stakeholders are that should be invited to participate in the development of the ULDMP.</p> <p><b>Reject (f)(iii)(j) - site utilities</b></p> <p>The Panel recommends including “site utilities” as an example of features to be re-instated. NZTA rejects the addition of “site utilities” in (f)(iii)(j) as the list of features is inclusive, so it is unnecessary to list every feature. Further, the reinstatement of site utilities is already provided for under the PWA.</p> <p><b>Reject (g)(iii) - irrigation and plant replacement</b></p> <p>The Panel recommends including “irrigation” and “plant replacement (due to theft or plants dying)” into the list of detailed specifications. NZTA rejects this recommendation as the list of features is inclusive, so it is unnecessary to list every feature. Further, plant replacement is already addressed in the lead in sentence that captures “planting details and maintenance requirements”. Maintenance of landscaping will also be guided by the NZTA Landscape Guidelines, which the ULDMP will be prepared in general accordance with.</p> <p><b>Accept removal of advice note - front yard setback.</b></p> <p>The Panel recommends deleting the advice note to the ULDMP. NZTA accepts the deletion of the advice note.</p> <p><b>Amendment by NZTA</b></p>

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		<p>...</p> <p>d. <del>Planting of stormwater wetlands</del></p> <p>e. identification of <del>vegetation to be retained and</del> any planting requirements under <b><u>the Ecological Management Plan (Condition 21B) and Tree Management Plan (Condition 22) Conditions 21B and 22;</u></b></p> <p>f. <del>re-instatement planting of construction and site compound areas as appropriate.</del></p> <p>...</p> <p>(ii) detailed specifications relating to the following:</p> <p>a. weed control and clearance;</p> <p>b. pest animal management (to support plant establishment);</p> <p>c. ground preparation (top soiling and decompaction);</p> <p>d. mulching; <b>and</b></p> <p>e. plant sourcing and planting including hydroseeding and grassing, and use of eco-sourced species;</p> <p>f. <del>irrigation and</del></p> <p><b>g. plant replacement (due to theft or plants dying)</b></p>	<p>NZTA has amended the condition to improve clarity and to remove reference to Condition 3B in clause (c). The ULDMP is prepared by a Suitably Qualified Person, who is best positioned to advise on who the relevant stakeholders are.</p> <p>NZTA has also removed the reference to “planting of stormwater wetlands” in clause (g)(i)(d) and instead inserted “planting” in clause (f)(iii)(E) to avoid duplication.</p> <p>An incorrect date in the NZTA Landscape Guidelines has been corrected.</p> <p>The reference to “re-instatement planting of construction and site compound areas as appropriate” is deleted as these matters are already addressed under clause (f)(iii)(J).</p> <p>In the clean set of conditions in Appendices A – D, the ULDMP condition has been separated into three separate conditions and some clauses relocated in the clean sets for ease of implementation. The phrase “set out in Condition 9(1)” has been added (with updated numbering in the clean sets) to maintain a link between the three ULDMP conditions.</p>
<b>All except S1</b>	<b>9</b>	<p><b>ULDMP, see above – and:</b></p> <p>(f) The ULDMP(s) shall include:</p> <p>(i) a concept plan – which depicts the overall landscape and urban design concept, and explain the rationale for the landscape and urban design proposals;</p> <p>(ii) developed design concepts, including principles for walking and cycling facilities and public transport; and</p>	<p><b>Amendment by NZTA</b></p> <p>NZTA has added the words “shaped to a natural profile where practicable and appropriate to the surrounding context” into clause (f)(iii)(A), to be consistent with the condition set for NoR S1 and for the reasons explained in closing submissions.<sup>7</sup></p>

<sup>7</sup> Closing legal submissions of Requiring Authority, dated 24 November 2023, at [24.2].



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		<p>(iii) landscape and urban design details – that cover the following:</p> <p>A. Road design – elements such as intersection form, carriageway gradient and associated earthworks contouring including cut and fill batters, <b><u>shaped to a natural profile where practicable and appropriate to the surrounding context</u></b>, 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;</p> <p>...</p>	
All		<p><b>Flood Hazard</b></p> <p>For the purpose of Condition 10:</p> <p>...</p> <p>(d) Flood prone area – means <del>a potential ponding areas</del> that may flood and commonly comprised of topographical depression areas. These <b><u>areas</u></b> can occur naturally or as a result of constructed features <del>which act as embankments when stormwater outlets are blocked. Flood prone areas typically include depressions formed by road/railway/motorway embankments built across natural gullies.</del></p> <p>...</p>	<p><b>Accept removal of ARI in definitions</b></p> <p>The Panel recommends deleting the definition of ARI. The Panel is correct that this is not a term that is subsequently used in the flood hazard condition and its deletion is accepted by NZTA.</p> <p><b>Amendment by NZTA to the definition of flood prone area</b></p> <p>NZTA is amending the definition of “flood prone area” to provide additional clarification and to be consistent with the Auckland Council GIS definition.</p>
All	10	<p><b>Flood Hazard</b></p> <p>(a) The Project shall be designed to achieve the following flood risk outcomes:</p> <p>(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 <del>of</del> less than 500mm <b><u>within the designation or upstream or downstream of the designation;</u></b></p> <p><del>(ii) no more than a 10% reduction in freeboard in a 1% AEP event for existing authorised habitable floors with a freeboard of over 500mm (to maintain a minimum freeboard of 500mm), within the designation or upstream or downstream of the designation;</del></p> <p>(iii) no increase in <b><u>flood levels in a 1% AEP flood levels event</u></b> for existing authorised community, commercial, industrial and network utility building floors that are already subject</p>	<p><b>Reject amendments to condition</b></p> <p>The Panel has recommended changes to the flood hazard condition to align with the Healthy Waters version of the conditions along with some amendments. NZTA rejects these changes and (except for the amendment discussed below) retains the version of the condition proposed in its Memorandum of Counsel dated 22 December 2023 for the</p>

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		<p>to flooding or have a freeboard of less than 300mm <del>within the designation or upstream or downstream of the designation;</del></p> <p>(iv) <del>no more than a 10% reduction in freeboard in a 1% AEP event for existing authorised community, commercial, industrial and network utility building floors with a freeboard of over 300mm (to maintain a minimum freeboard of 300mm) within the designation or upstream or downstream of the designation;</del></p> <p>(v) <del>no increase in a 1% AEP flood level, except where the increase in level occurs within a well-defined stream cross-section and the increase will not increase the flood plain extent;</del></p> <p>(vi) <del>existing or new overland flow paths shall be diverted away from private properties and discharge to a suitable location so that there is no increase in flood levels in a 1% AEP event downstream. Overland flow paths shall be kept free of obstructions;</del></p> <p>(vii) <b><u>Maximum of 50mm increase in water level in a 1% AEP event outside and adjacent to the designation boundaries between the pre and post Project scenarios; and</u></b></p> <p>(viii) <del>no new flood prone areas; and</del></p> <p>(ix) no increase of <del>f</del>Flood <del>h</del>Hazard for <del>the</del> main <del>vehicle</del>-access to authorised habitable dwellings existing at time the Outline Plan is submitted. The assessment shall be undertaken for the 1% AEP rainfall event.</p> <p>Where Flood Hazard is:</p> <ul style="list-style-type: none"> <li>• velocity x depth <b>greater than or equal to</b> <math>\geq 0.6</math> or</li> <li>• depth <b>greater than</b> <math>&gt; 0.5</math>m, or</li> <li>• Velocity <b>greater than</b> <math>&gt; 2</math>m/s.</li> </ul> <p>(b) Compliance with <b>this</b> condition <del>(a)</del> shall be demonstrated in the Outline Plan, which shall include flood modelling of:</p> <p>(i) the pre-Project and post-Project 1% AEP flood levels (for Maximum Probable Development land use <b>and including with allowances for</b> climate change);<del>;</del></p> <p>(ii) <del>proposed horizontal and vertical alignments of the road design; and</del></p>	<p>reasons explained in both that Memorandum and Closing Submissions.<sup>8</sup></p> <p><b>Amendment by NZTA to clauses (a)(iii) and (ix)</b></p> <p>NZTA is amending these clauses to improve clarity, including to clarify the meaning of flood hazard by explaining the symbols used in the condition, and to make it clear that the requirement is not restricted to “vehicle” access.</p> <p><b>Amendment by NZTA to clause (a)(viii)</b></p> <p>NZTA deletes the clause stating “no new flood prone areas”.</p> <p><b>Amendment by NZTA to clause (b)</b></p> <p>NZTA amends clause (b) to improve clarity in how the flood modelling will be undertaken.</p> <p><b>Amendment by NZTA to clause (c)</b></p> <p>On reflection, NZTA amends clause (c) to clarify how confirmation will be provided that any necessary approvals have been obtained.</p>

<sup>8</sup> Closing Legal Submissions of Requiring Authority, dated 24 November 2023, at [15.3] – [15.15]; Memorandum of Counsel dated 22 December 2023, at [7.1 – 7.5].

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		<p><del>(iii) all stormwater, drainage and mitigation infrastructure proposed to service the road construction.</del></p> <p><del>This modelling shall be submitted to Auckland Council Healthy Waters (or its equivalent) for review and confirmation that it can adequately demonstrate compliance with the condition.</del></p> <p>(c) Where the above outcomes 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 varied through agreement with the relevant landowner, <del>the Outline Plan shall include</del> confirmation <b>shall be provided</b> that any necessary landowner and statutory approvals have been obtained for that work or alternative outcome.</p> <p>(d) <del>The capacity of the designation's stormwater management network to drain surface water from private properties shall not be reduced or if reduced is appropriately accommodated by other means.</del></p> <p><b>Advice Notes:</b></p> <p><del>(i) For the Strategic Network, due to the extensive flooding known to occur within Kumeū – Huapai, the linear nature of the designation, and the potential timeframe between granting of the designation and construction it is required that the Requiring Authority confirms an appropriate modelling with Auckland Council Healthy Waters (or its equivalent) when commencing the detailed design. This will ensure compliance with any relevant National and Regional Codes of Practice and specifications are complied with.</del></p> <p><del>(ii) Consultation with Auckland Council Healthy Waters (or its equivalent) to identify opportunities for collaboration on catchment improvement projects shall be carried out at the detailed design stage.</del></p>	
S1 S3 KS HS	11	<p>Existing property access</p> <p><del>(a) Where existing property vehicle access which exists at the time the Outline Plan is submitted is proposed to be altered by the project, the Requiring Authority shall consult with the directly affected landowners and occupiers regarding the required changes. The Outline Plan shall demonstrate how safe efficient and effective access to the transport corridor, and on-site parking and manoeuvring will be provided, unless otherwise agreed with the affected landowner.</del></p> <p><b><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 addressed with the affected landowner.</u></b></p>	<p><b>Amendment by NZTA</b></p> <p>NZTA has revised the wording of this condition to improve clarity and add the phrase “reconfigured or alternate access”.</p> <p><b>Reject insertion of “on-site parking and manoeuvring”</b></p> <p>The Panel recommend amending this condition so that it reads “... safe <u>efficient and effective</u> access to the transport corridor, and <u>on-site parking and manoeuvring</u> will be provided...” NZTA rejects the addition of “on-</p>

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			<p><i>site parking and manoeuvring</i>" as the insertions are unnecessary for the reasons provided in the Closing Legal Submissions.<sup>9</sup></p> <p><b>Reject insertion of "efficient and effective"</b></p> <p>NZTA rejects the addition of "efficient and effective access to the transport corridor". It is unnecessary for the reasons explained in Closing Legal Submissions and the evidence of Mr Phillips.<sup>10</sup></p> <p>NZTA has also changed 'agreed' to 'addressed' as changes to access may not require a formal agreement; this may depend on the nature of the change and whether land acquisition is required under the PWA.</p>
S2	11	<p><del>(a) Where existing property vehicle access from roads that are not a state highway, which exists at the time the Outline Plan is submitted is proposed to be altered by the project, the Requiring Authority shall consult with the directly affected landowners and occupiers regarding the required changes. The Outline Plan shall demonstrate how safe, efficient and effective access to the transport corridor, and on-site parking and manoeuvring, will be provided, unless otherwise agreed with the affected landowner.</del></p> <p>(a) <b><u>Prior to submission of the Outline Plan, consultation shall be undertaken with landowners and occupiers whose vehicle access to their property from roads that are not a state highway will be altered by the project. The Outline Plan shall demonstrate how safe reconfigured or alternate access will be provided, unless otherwise addressed with the affected landowner.</u></b></p>	See explanation in line item above.

<sup>9</sup> Closing Legal Submissions of Requiring Authority, dated 24 November 2023, at [14.8]

<sup>10</sup> Closing Legal Submissions of Requiring Authority, dated 24 November 2023, at [13.10] and [14.8]; and Rebuttal evidence of Joe Phillips, dated 8 September 2023 [4.30] and [4.34].

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All	12	<p><b>Construction Environmental Management Plan (CEMP)</b></p> <p>...</p> <p>(b) 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. To achieve the objective, the CEMP shall include:</p> <p>...</p> <p>(iv) details of the proposed construction yards including temporary screening when adjacent to Residential zones;</p> <p>(v) details of the proposed <del>locations of refuelling activities and</del> construction lighting;</p> <p>...</p> <p>(x) <b>location and</b> procedures for the refuelling and maintenance of plant and equipment to avoid discharges of fuels or lubricants to watercourses;</p> <p>...</p>	<p><b>Accept addition to clause (iv)</b></p> <p>The Panel recommends amending “residential areas” to “residential zones” in clause (b)(iv), which is accepted by NZTA.</p> <p><b>Amendment by NZTA</b></p> <p>NZTA has made administrative amendments to condition 12(b) to separate out locations of refuelling activities from clause (v) to clause (x).</p>
All	15	<p><b>Cultural Monitoring Plan (CMP)</b></p> <p>(a) Prior to the start of Construction Works, a CMP shall be prepared by a Suitably Qualified Person(s) identified in collaboration with Mana Whenua.</p> <p>(b) 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,</b> <del>t</del>The CMP shall include:</p> <p>...</p>	<p><b>Amendment by NZTA</b></p> <p>Minor wording improvement, consistent with other management plan conditions.</p>
All <del>S1, S3, HS, KS</del>	16	<p><b>Construction Traffic Management Plan (CTMP)</b></p> <p>(a) A CTMP shall be prepared prior to the Start of Construction for a Stage of Work.</p> <p>(b) The objective of the CTMP is to avoid, remedy or mitigate, as far as practicable, adverse construction traffic effects. To achieve this objective, the CTMP shall include:</p> <p>...</p> <p>(vi) methods to maintain <del>vehicle access, parking and manoeuvring</del> to and within property and/or private roads where practicable, or to provide alternative <del>vehicle access, parking and manoeuvring</del> arrangements when it will not be, <b>including details of how access is</b></p>	<p><b>Reject additions to clause (vi) “vehicle” access</b></p> <p>The Panel recommends inserting “vehicle” in front of “access”. NZTA does not intend to limit the CTMP to vehicle access and rejects this recommendation. This acknowledges access considerations for both vehicular and active modes e.g. walking and cycling.</p>

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		<p><u>managed for loading and unloading of goods</u>. Engagement with landowners or occupiers whose access, <del>parking and manoeuvring</del> is directly affected shall be undertaken in accordance with the SCEMP;</p> <p><del>(vii) details of how the loading and unloading of goods will be provided for;</del></p> <p>(viii) 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;</p> <p>(ix) methods that will be undertaken to communicate traffic management measures to affected road users (e.g. residents /public /stakeholders /emergency services);</p> <p><del>(x) auditing, monitoring and reporting requirements relating to traffic management activities shall be undertaken in accordance with the New Zealand Guide to Temporary Traffic Management or any subsequent version.</del></p> <p>(xi) details of minimum network performance parameters during the construction phase, including any measures to monitor compliance with the performance parameters; and</p> <p>(xii) details of any measures proposed to be implemented in the event of thresholds identified in (xi) being exceeded.</p> <p>(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></p>	<p><b>Reject additions to clause (vi) “parking and manoeuvring” to and within property ... “parking and manoeuvring” arrangements</b></p> <p>The Panel recommends including references to “parking and manoeuvring” into the CTMP. NZTA does not accept that the CTMP should require or indeed will be able to in all instances maintain parking and manoeuvring areas within private property.</p> <p>Any changes to internal parking and manoeuvring areas on sites will be considered where relevant as part of the PWA process where land acquisition is required.</p> <p><b>Amendment by NZTA to clause (vi) and (vii)</b></p> <p>NZTA has relocated the reference to the loading and unloading of goods from a standalone clause to clause (vi) to recognise the link between access and loading areas, and has corrected a reference from Condition 3B to the SCEMP. It has also deleted the word “access” in the requirement to provide alternative arrangements where access will not be maintained, to improve readability of the condition.</p> <p><b>Amendment by NZTA to clause (c) and (b)(x)</b></p> <p>NZTA has relocated clause (c) from (b)(x) and clarified the date of the Guide.</p>
<b>S2</b>		<p><b>Construction Traffic Management Plan (CTMP)</b></p> <p><del>(a) A CTMP shall be prepared prior to the Start of Construction for a Stage of Work.</del></p> <p><del>(b) The objective of the CTMP is to avoid, remedy or mitigate, as far as practicable, adverse construction traffic effects. To achieve this objective, the CTMP shall include:</del></p>	<p>See above line item and:</p> <p><b>Reject amendments to CTMP</b></p> <p>The Panel has recommended an additional clause (ii) for NoR S2. NZTA rejects this additional clause because it is not necessary.</p>

Designation	Condition number	Modifications made by NZTA to conditions recommended by the Hearing Commissioners (additions to conditions are in <b>bold and underlined</b> and rejections are in <b>bold and strikethrough</b> )	Reason for modifications
		<ul style="list-style-type: none"> <li>(i) <del>methods to manage the effects of temporary traffic management activities on traffic;</del></li> <li>(ii) <del>methods to maintain road capacity for through traffic, equivalent to one through-lane of traffic in each direction, at all times during construction, excepting the intersections of SH16 Main Road with Access Road and Harikoa Street, where two through-lanes is required in each direction to maintain capacity;</del></li> <li>(iii) <del>measures to ensure the safety of all transport users;</del></li> <li>(iv) <del>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 educational facilities or to manage traffic congestion;</del></li> <li>(v) <del>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;</del></li> <li>(vi) <del>identification of detour routes and other methods to ensure the safe management and maintenance of traffic flows, including public transport services, pedestrians and cyclists;</del></li> <li>(vii) <del>methods to maintain vehicle access, parking and manoeuvring to and within property and/or private roads where practicable, or to provide alternative vehicle access, parking and manoeuvring arrangements when it will not be. Engagement with landowners or occupiers whose access, parking and manoeuvring is directly affected shall be undertaken in accordance with Condition 3B;</del></li> <li>(viii) <del>details of how the loading and unloading of goods will be provided for;</del></li> <li>(ix) <del>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;</del></li> <li>(x) <del>methods that will be undertaken to communicate traffic management measures to affected road users (e.g. residents /public /stakeholders /emergency services);</del></li> <li>(xi) <del>auditing, monitoring and reporting requirements relating to traffic management activities shall be undertaken in accordance with the New Zealand Guide to Temporary Traffic Management or any subsequent version;</del></li> <li>(xii) <del>details of minimum network performance parameters during the construction phase, including any measures to monitor compliance with the performance parameters; and</del></li> </ul>	<p>A requirement to consider methods to maintain road capacity is already captured within the CTMP under clauses (i) and (xi). The evidence of Mr Phillip's states that maintaining a lane each way would generally be necessary but not 'at all times' and that there is sufficient space within the overlapping designations for NoR S2 and S3 to do so.<sup>11</sup></p> <p>The traffic management detail will be appropriately addressed at the time of implementation by the Suitably Qualified Person preparing the CTMP. This will be based on the transport environment at the time including any other transport improvements that have been implemented between now and then. This is also a consideration under the NIMP.<sup>12</sup></p>

<sup>11</sup> Primary Evidence of Joe Phillips, dated 2 August 2023, at [12.62](b).

<sup>12</sup> Rebuttal Evidence of Joe Phillips, dated 8 September 2023, at [4.11] – [4.19].

Designation	Condition number	Modifications made by NZTA to conditions recommended by the Hearing Commissioners (additions to conditions are in <b>bold and underlined</b> and rejections are in <b>bold and strikethrough</b> )	Reason for modifications																																																			
		(xiii) <del>details of any measures proposed to be implemented in the event of thresholds identified in (xii) being exceeded.</del>																																																				
All	17	<p><b>Construction Noise Standards</b></p> <p>(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:</p> <p><b>Table 17.1: Construction noise standards</b></p> <table border="1" data-bbox="450 592 1406 1337"> <thead> <tr> <th>Day of week</th> <th>Time period</th> <th>L<sub>Aeq</sub>(15min)</th> <th>L<sub>Afmax</sub></th> </tr> </thead> <tbody> <tr> <td colspan="4"><b>Occupied activity sensitive to noise</b></td> </tr> <tr> <td rowspan="4">Weekday</td> <td>0630h - 0730h</td> <td>55 dB</td> <td>75 dB</td> </tr> <tr> <td>0730h - 1800h</td> <td>70 dB</td> <td>85 dB</td> </tr> <tr> <td>1800h - 2000h</td> <td>65 dB</td> <td>80 dB</td> </tr> <tr> <td>2000h - 0630h</td> <td>45 dB</td> <td>75 dB</td> </tr> <tr> <td rowspan="4">Saturday</td> <td>0630h - 0730h</td> <td><del>55</del><b>45</b> dB</td> <td>75 dB</td> </tr> <tr> <td>0730h - 1800h</td> <td>70 dB</td> <td>85 dB</td> </tr> <tr> <td>1800h - 2000h</td> <td>45 dB</td> <td>75 dB</td> </tr> <tr> <td>2000h - 0630h</td> <td>45 dB</td> <td>75 dB</td> </tr> <tr> <td rowspan="4">Sunday and Public Holidays</td> <td>0630h - 0730h</td> <td>45 dB</td> <td>75 dB</td> </tr> <tr> <td>0730h - 1800h</td> <td>55 dB</td> <td>85 dB</td> </tr> <tr> <td>1800h - 2000h</td> <td>45 dB</td> <td>75 dB</td> </tr> <tr> <td>2000h - 0630h</td> <td>45 dB</td> <td>75 dB</td> </tr> <tr> <td colspan="4"><b>Other occupied buildings</b></td> </tr> </tbody> </table>	Day of week	Time period	L <sub>Aeq</sub> (15min)	L <sub>Afmax</sub>	<b>Occupied activity sensitive to noise</b>				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	<del>55</del> <b>45</b> 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	<b>Other occupied buildings</b>				<p><b>Amendment by NZTA</b></p> <p>NZTA has amended the 55dB reference in Saturday 06:30 – 07:30 to 45dB to correct an error.</p>
Day of week	Time period	L <sub>Aeq</sub> (15min)	L <sub>Afmax</sub>																																																			
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All	0730h – 1800h	70 dB																							
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All	18	<p data-bbox="427 472 813 496"><b>Construction Vibration Standards</b></p> <p data-bbox="427 520 1541 635">(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 Table 18.1 as far as practicable.</p> <p data-bbox="427 659 1032 683"><b>Table 18.1: Construction Vibration <del>criteria</del> Standards</b></p> <table border="1" data-bbox="427 703 1547 1289"> <thead> <tr> <th data-bbox="427 703 663 764">Receiver</th> <th data-bbox="663 703 1072 764">Details</th> <th data-bbox="1072 703 1312 764">Category A*</th> <th data-bbox="1312 703 1547 764">Category B*</th> </tr> </thead> <tbody> <tr> <td data-bbox="427 764 663 895" rowspan="2">Occupied Activities sensitive to noise</td> <td data-bbox="663 764 1072 831">Night-time 2000h - 0630h</td> <td data-bbox="1072 764 1312 831">0.3mm/s ppv</td> <td data-bbox="1312 764 1547 831">1mm/s ppv</td> </tr> <tr> <td data-bbox="663 831 1072 895">Daytime 0630h - 2000h</td> <td data-bbox="1072 831 1312 895">1mm/s ppv</td> <td data-bbox="1312 831 1547 895">5mm/s ppv</td> </tr> <tr> <td data-bbox="427 895 663 991">Other occupied buildings</td> <td data-bbox="663 895 1072 991">Daytime 0630h - 2000h</td> <td data-bbox="1072 895 1312 991">2mm/s ppv</td> <td data-bbox="1312 895 1547 991">5mm/s ppv</td> </tr> <tr> <td data-bbox="427 991 663 1289" rowspan="2">All other buildings</td> <td data-bbox="663 991 1072 1150">At all other times Vibration transient</td> <td data-bbox="1072 991 1312 1150">5mm/s ppv</td> <td data-bbox="1312 991 1547 1150">BS 5228-2** Table B2</td> </tr> <tr> <td data-bbox="663 1150 1072 1289">At all other times Vibration continuous</td> <td data-bbox="1072 1150 1312 1289">5mm/s ppv</td> <td data-bbox="1312 1150 1547 1289">BS 5228-2** 50% of Table B2 values</td> </tr> </tbody> </table> <p data-bbox="427 1305 1547 1361">* Refer to <del>Waka Kotahi</del> <b>NZTA</b> State highway construction and maintenance noise and vibration guide for further explanation regarding Category A and B criteria</p>	Receiver	Details	Category A*	Category B*	Occupied Activities sensitive to noise	Night-time 2000h - 0630h	0.3mm/s ppv	1mm/s ppv	Daytime 0630h - 2000h	1mm/s ppv	5mm/s ppv	Other occupied buildings	Daytime 0630h - 2000h	2mm/s ppv	5mm/s ppv	All other buildings	At all other times Vibration transient	5mm/s ppv	BS 5228-2** Table B2	At all other times Vibration continuous	5mm/s ppv	BS 5228-2** 50% of Table B2 values	<p data-bbox="1576 472 1823 496"><b>Amendment by NZTA</b></p> <p data-bbox="1576 520 1944 544">Minor administrative amendments.</p>
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		<p><b>**BS 5228-2:2009 'Code of practice for noise and vibration control on construction and open sites – Part 2: Vibration'</b></p> <p>(b) Where compliance with the vibration standards set out in Table 18.1 is not practicable, the methodology in Condition 20 shall apply.</p> <p>(c) If measured or predicted vibration from construction activities exceeds the Category A criteria, a Suitably Qualified Person shall assess and manage construction vibration during those activities.</p> <p>(d) If measured or predicted vibration from construction activities exceeds the Category B criteria those activities must only proceed if vibration effects on affected buildings are assessed, monitored and mitigated by a Suitably Qualified Person.</p>	
<b>All S1, S2, HS</b>	19	<p><b>Construction Noise and Vibration Management Plan (CNVMP)</b></p> <p>...</p> <p>(c) 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 17 and 18 to the extent practicable. To achieve <del>this the</del> objective, the CNVMP shall be prepared in accordance with Annex E2 of the New Zealand Standard NZS6803:1999 'Acoustics – Construction Noise' (NZS6803:1999) <del>and the Waka Kotahi State highway construction and maintenance noise and vibration guide (version 1.1, 2019)</del>, and shall as a minimum, address the following:</p> <p>...</p> <p>(v) A hierarchy of management and mitigation options including any requirements to limit night <b>works</b> and works during other sensitive times, including Sundays and public holidays as far as practicable;</p> <p>...</p> <p>(xii) Procedures <b>and trigger levels</b> 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;</p> <p>...</p>	<p><b>Reject specific CNVMP condition for KS and S3</b></p> <p>The Panel recommends a different CNVMP condition for S3 and KS that include an additional clause (c)(v) relating to the Huapai Tavern. As explained in the line item below, NZTA rejects the recommendation to include reference to "Huapai Tavern (AUP Schedule 14.1 #00482)" in the CNVMP.</p> <p><b>Amendment by NZTA</b></p> <p>NZTA has included reference to "trigger levels" at clause (c) as trigger levels are also an important consideration for determining when to undertake building condition surveys. NZTA has also deleted the reference to a 2019 noise and vibration guide that was included in error. NZTA has also made minor editorial amendments to the condition, including to insert the word "works" in (c)(v).</p>
<b>S3, KS</b>	19	<p><b>Construction Noise and Vibration Management Plan (CNVMP)</b></p> <p><del>(a) A CNVMP shall be prepared prior to the Start of Construction for a Stage of Work.</del></p> <p><del>(b) A CNVMP shall be implemented during the Stage of Work to which it relates.</del></p>	<p><b>Reject the addition of clause (c)(v)</b></p> <p>The Panel recommends a different CNVMP condition for S3 and KS that includes an additional clause (c)(v) relating to the Huapai</p>

Designation	Condition number	Modifications made by NZTA to conditions recommended by the Hearing Commissioners (additions to conditions are in <b>bold and underlined</b> and rejections are in <b>bold and strikethrough</b> )	Reason for modifications
		<p>(c) <del>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 17 and 18 to the extent practicable. To achieve this objective, the CNVMP shall be prepared in accordance with Annex E2 of the New Zealand Standard NZS6803:1999 'Acoustics – Construction Noise' (NZS6803:1999) and the Waka Kotahi State highway construction and maintenance noise and vibration guide (version 1.1, 2019), and shall as a minimum, address the following:</del></p> <ul style="list-style-type: none"> <li><del>(i) — A description of the works and anticipated equipment/processes;</del></li> <li><del>(ii) — Hours of operation, including times and days when construction activities would occur;</del></li> <li><del>(iii) — The construction noise and vibration standards for the project;</del></li> <li><del>(iv) — Identification of receivers where noise and vibration standards apply;</del></li> <li><del>(v) — Set out the method for monitoring effects on the Huapai Tavern (AUP Schedule 14.1 #00482), to protect historic heritage values including by reference to the HHMP;</del></li> <li><del>(vi) — A hierarchy of management and mitigation options including any requirements to limit night and works during other sensitive times, including Sundays and public holidays as far as practicable;</del></li> <li><del>(vii) — Methods and frequency for monitoring and reporting on construction noise and vibration;</del></li> <li><del>(viii) — 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;</del></li> <li><del>(ix) — Contact details of the Project Liaison Person;</del></li> <li><del>(x) — 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;</del></li> <li><del>(xi) — Procedures and requirements for the preparation of a Schedule to the CNVMP (Schedule) for those areas where compliance with the noise (Condition 17) and/or vibration standards (Condition 18) for Category A or Category B will not be practicable;</del></li> <li><del>(xii) — Identification of trigger levels for undertaking building condition surveys, which shall be below Category B day time levels;</del></li> </ul>	<p>Tavern. NZTA rejects this recommendation. Alongside the archaeological authority process, the relocation of the Huapai Tavern will be managed by the HHMP and NZTA will be required to assess and repair any damage resulting from the relocation process. There are already sufficient controls in other conditions so that effects on the Huapai Tavern will be appropriately assessed and managed; the additional clause is therefore unnecessary. This is addressed in detail in the evidence of Ms Wilkening<sup>13</sup> and is also discussed in the Closing Legal Submissions.<sup>14</sup></p>

<sup>13</sup> Rebuttal Evidence of Siiri Wilkening, dated 8 September 2023, at [4.1] – [4.13]

<sup>14</sup> Closing legal submissions of Requiring Authority, dated 24 November 2023, at [20.1] – [20.4].

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		<p>(xiii) <del>Procedures 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;</del></p> <p>(xiv) <del>Methodology and programme of desktop and field audits and inspections to be undertaken to ensure that CNVMP Schedules and the best practicable option for management of effects are being implemented; and</del></p> <p>(xv) <del>Requirements for review and update of the CNVMP.</del></p>	
All	20	<p><b>Schedule to a CNVMP</b></p> <p>(a) A Schedule to the CNVMP (Schedule) shall be prepared prior to the start of the construction <b>activity</b> to which it relates by a Suitably Qualified Person, in consultation with the owners and occupiers of sites subject to the Schedule <del>to the CNVMP</del>, when:</p> <p>...</p> <p>(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. <b>To achieve the objective, t</b>The Schedule shall include details such as:</p> <p>...</p> <p>(c) The Schedule shall be submitted to the Manager for <b>information certification</b> at least five (5) 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. <b>If any comments are received from the Manager, these shall be considered by the Requiring Authority prior to implementation of the Schedule; and</b></p> <p>(d) 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 <b>information certification</b> in accordance with (c) 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.</p>	<p><b>Reject “certification” in (c) and (d)</b></p> <p>The Panel recommends amendments to clauses (c) and (d) including to require that the CNVMP Schedules be certified. NZTA rejects these amendments as certification is only required for material changes to management plans and requiring certification of the CNVMP Schedules is unnecessary for the reasons explained in Closing Legal Submissions and the evidence of Ms Wilkening.<sup>15</sup></p> <p><b>Amendment by NZTA</b></p> <p>NZTA has made minor editorial corrections to the condition.</p>
S1 S2	21	<b>Historic Heritage Management Plan (HHMP) ---</b>	<p><b>Amendment by NZTA</b></p> <p>NZTA has deleted clause (c) because:</p>

<sup>15</sup> Closing legal submissions of Requiring Authority, dated 24 November 2023, at [16.11]; and Evidence of Siiri Wilkening, dated 8 September 2023, at [7.16].

Designation	Condition number	Modifications made by NZTA to conditions recommended by the Hearing Commissioners (additions to conditions are in <b>bold and underlined</b> and rejections are in <b>bold and strikethrough</b> )	Reason for modifications
HS		<p><del>(c) Electronic copies of all historic heritage reports relating to historic heritage investigations (evaluation, excavation and monitoring), shall be submitted to the Manager within 12 months of completion.</del></p> <p><b><u>Accidental Discoveries</u></b></p> <p><b>Advice Note:</b></p> <p><del>The Requiring Authority is advised of the requirements of Rule E11.6.1 of the AUP for “Accidental Discovery” as they relate to both contaminated soils and heritage items.</del></p> <p><b><u>Accidental Discoveries</u></b></p> <p>The requirements for accidental discoveries of heritage items are set out in Rule E11.6.1 of the AUP and in the <del>Waka Kotahi</del> <b><u>NZTA</u></b> Minimum Standard P45 Accidental Archaeological Discovery Specification, or any subsequent version.</p>	<ul style="list-style-type: none"> <li>The actions to avoid, remedy and mitigate adverse effects on historic heritage are set out in the HHMP inclusions in 21(b). The HHMP will be submitted as part of the Outline Plan process.</li> <li>Monitoring and reporting actions are inherent in 21(b); it is not necessary to then condition a subsequent administrative process. This deletion is consistent with other management plan conditions (e.g. TMP, CNVMP, EMP) which also include monitoring and reporting actions but do not condition a subsequent administrative process.</li> </ul> <p>NZTA amends the advice note to remove duplication and improve clarity regarding accidental discoveries.</p>
S3	21	<p><b>Historic Heritage Management Plan (HHMP)</b></p> <p>...(b)</p> <p>(ix) Methods for avoiding, remedying or <del>mitigation</del> <b><u>mitigating</u></b> 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: ....</p> <p><del>...(c) Electronic copies of all historic heritage reports relating to historic heritage investigations (evaluation, excavation and monitoring), shall be submitted to the Manager within 12 months of completion.</del></p> <p><b><u>Accidental Discoveries</u></b></p> <p><b>Advice Notes:</b></p> <p><del>The Requiring Authority is advised of the requirements of Rule E11.6.1 of the AUP for “Accidental Discovery” as they relate to both contaminated soils and heritage items.</del></p> <p><b><u>Accidental Discoveries</u></b></p>	<p><b>Amendment by NZTA</b></p> <p>NZTA amends “mitigation” to “mitigating”, consistent with the wording on other North West NORs.</p> <p>See above line item for explanation on (c).</p>

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		<p>The requirements for accidental discoveries of heritage items are set out in Rule E11.6.1 of the AUP and in the <del>Waka Kotahi NZTA</del> Minimum Standard P45 Accidental Archaeological Discovery Specification, or any subsequent version.</p> <p>The Kumeū Railway Goods Shed and Huapai Tavern are scheduled under the AUP(OP). Long term protection management will be identified though Condition 21 b(X) E until the extent of place is amended through a Plan Change process to reflect the new location once relocated.</p>	
KS	21	<p><b>Historic Heritage Management Plan (HHMP)</b></p> <p>...</p> <p><del>(c) Electronic copies of all historic heritage reports relating to historic heritage investigations (evaluation, excavation and monitoring), shall be submitted to the Manager within 12 months of completion.</del></p> <p><b>Accidental Discoveries</b></p> <p><b>Advice Notes:</b></p> <p><del>The Requiring Authority is advised of the requirements of Rule E11.6.1 of the AUP for “Accidental Discovery” as they relate to both contaminated soils and heritage items.</del></p> <p><b>Accidental Discoveries</b></p> <p>The requirements for accidental discoveries of heritage items are set out in Rule E11.6.1 of the AUP and in the <del>Waka Kotahi NZTA</del> Minimum Standard P45 Accidental Archaeological Discovery Specification, or any subsequent version.</p> <p>The Huapai Tavern is scheduled under the AUP(OP). Long term protection management will be identified though Condition 21(b)(X) E until the extent of place is amended through a Plan Change process to reflect the new location once relocated.</p>	See above line item for explanation on (c).
All	21A	<p><b>Pre-Construction Ecological Survey</b></p> <p>(a) At the start of detailed design for a Stage of Work, an updated ecological survey shall be undertaken by a Suitably Qualified Person. The purpose of the survey is to inform <del>the detailed design of</del> ecological management <del>plan</del> by:</p> <ul style="list-style-type: none"> <li>(i) Confirming whether the species of value within the Identified Biodiversity Areas recorded in the Identified Biodiversity Area Schedule 2 are still present; and</li> <li>(ii) Confirming whether the project will or may have a moderate or greater level of ecological effect on ecological species of value, prior to implementation of impact management measures <b>with</b></li> </ul>	<p><b>Amendments by NZTA to clause (a)</b></p> <p>NZTA amends the introductory wording to improve clarity.</p> <p>NZTA amends clause (a)(ii) to acknowledge that Table 10 may be updated in future versions of the Guidelines and if the threshold for mitigation changes, there will be a</p>

Designation	Condition number	Modifications made by NZTA to conditions recommended by the Hearing Commissioners (additions to conditions are in <b>bold and underlined</b> and rejections are in <b>bold and strikethrough</b> )	Reason for modifications
		<p><b><u>the level of effect to be, as</u></b> determined in accordance with <b><u>Table 10 of</u></b> the EIANZ guidelines <b><u>as included in Schedule 5 to these conditions (or subsequent updated version of the table).</u></b></p> <p>(b) If the ecological survey confirms the presence of ecological <del>features</del> <b>species</b> of value in accordance with Condition 21A(a)(i) and that effects are likely in accordance with Condition 21A(a)(ii) then an Ecological Management Plan (or Plans) shall be prepared in accordance with Condition 21B for these areas (Confirmed Biodiversity Areas).</p>	<p>requirement to provide mitigation in accordance with those updates.</p> <p>NZTA amends (b) to use wording consistent with the clause it refers to.</p>
All	21B	<p><b>Ecological Management Plan (EMP)</b></p> <p>(a) An EMP shall be prepared for any Confirmed Biodiversity Areas (<del>undertaken in confirmed through</del> Condition 21A) 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.</p> <p>(b) <b><u>To achieve the objective,</u></b> <del>t</del>The EMP shall set out the methods <del>that will be used to achieve the objective</del> which may include:</p> <p>i. If an EMP is required in accordance with Condition 21A(b) for the presence of long tail bats:</p> <p>...</p> <p>D.details of how bat connectivity (<del>including suitable indigenous or exotic trees or artificial alternatives</del>) will be provided and maintained <b><u>(e.g. through the presence of suitable indigenous or exotic trees or artificial alternatives)</u></b>. This could include identification of areas and timeframes for establishment of advance restoration / mitigation planting taking into account land ownership, accessibility and the timing of available funding, measures to manage the effects of light spill on bat connectivity as far as practicable; and.</p> <p>...</p>	<p><b>Amendment by NZTA</b></p> <p>NZTA amends the wording to improve clarity.</p>
All	22	<p><b>Tree Management Plan (TMP)</b></p> <p>(a) Prior to the Start of Construction for a Stage of Work, a TMP shall be prepared.</p> <p>(b) The objective of the TMP is to avoid, remedy or mitigate effects of construction activities on trees identified as protected or notable in the AUP. <b><u>To achieve the objective,</u></b> TMP shall:</p> <p>(i) confirm the trees that will be affected by the project work and are identified as protected or notable in the AUP; and</p>	<p><b>Amendment by NZTA.</b></p> <p>NZTA amends clause (c) to be consistent with other management plans and to correct an error.</p>

Designation	Condition number	Modifications made by NZTA to conditions recommended by the Hearing Commissioners (additions to conditions are in <b>bold and underlined</b> and rejections are in <b>bold and strikethrough</b> )	Reason for modifications
		(ii) demonstrate how the design and location of project works has avoided, remedied or mitigated any effects on any tree <del>listed in</del> identified in (i) above. This may include: ...	
All	23	<p><b>Network Utility Management Plan (NUMP)</b></p> <p>(a) A NUMP shall be prepared prior to the Start of Construction for a Stage of Work.</p> <p>(b) The objective of the NUMP is to set out a framework for protecting, relocating and working in proximity to existing network utilities. <b><u>To achieve the objective, t</u></b>The NUMP shall include methods to: ...</p> <p><del>(e) The Requiring Authority shall consult with Network Utility Operators during the detailed design phase to consider opportunities to enable, or not preclude, the development of new network utility facilities including access to power and ducting within the Project, where practicable to do so. The consultation undertaken, opportunities considered, and whether or not they have been incorporated into the detailed design, shall be summarised in the NUMP.</del></p> <p><del>(f) The NUMP shall describe how any comments from the Network Utility Operator in relation to its assets have been addressed.</del></p>	<p><b>Amendment by NZTA</b></p> <p>NZTA amends (b) to be consistent with other management plans and relocate clause (e) to its own condition – the “Network Utilities Integration” condition. With this relocated condition, clause (f) is no longer required.</p>
S1	24	<p><b>Low Noise Road Surface</b></p> <p>(a) An Open Graded Porous Asphalt (OGPA) pavement or a pavement with a similar or better noise reduction characteristics shall be implemented within twelve months of completion of construction of the Project.</p> <p>(b) The surfacing in (a) above shall be maintained to retain the noise reduction performance <b><u>as far as practicable of the original surface.</u></b></p>	<p><b>Reject amendment to clause (b)</b></p> <p>The Panel recommends amending “as far as practicable” to “of the original surface”. NZTA rejects the amendment to clause (b) because while the road surface will be maintained to retain noise reduction performance as far as practicable, the condition of original road surfaces inevitably changes over time. Resurfacing decisions must take into account the whole-of-life cost of assets, as well as resource allocation across competing project and network maintenance priorities.</p>
S3	24	<p><b>Low Noise Road Surface</b></p> <p>(a) Asphaltic mix surface shall be implemented within twelve months of completion of construction of the Project.</p>	Refer explanation in line item above.



Designation	Condition number	Modifications made by NZTA to conditions recommended by the Hearing Commissioners (additions to conditions are in <b>bold and underlined</b> and rejections are in <b>bold and strikethrough</b> )	Reason for modifications
		(b) The asphaltic mix surface shall be maintained to retain the noise reduction performance <b><u>as far as practicable of the original surface.</u></b>	
<b><u>S1, S3</u></b>	<b>24A</b>	<del>Where the Project passes through areas with a residential or future urban zoning, noise barriers shall be erected where they can be demonstrated to provide the Best Practicable Option for the control of road traffic noise having regard to the future residential use of the adjoining land.</del>	<p><b>Reject additional condition</b></p> <p>The Panel recommends a new condition relating to noise barriers for S1 and S3. NZTA rejects the recommended additional condition.</p> <p>The primary matter being considered with respect to management of traffic noise is the extent to which the assessment of Best Practicable Option (BPO) at the time of implementation of a designation should include future receivers in addition to PPFs.</p> <p>The operational noise condition framework appropriately addresses and mitigates the potential effects of traffic noise, which will be assessed during detailed design. The conditions require BPO mitigation and meet NZS6806.</p> <p>The Assessment of Noise and Vibration Effects for S3 concluded that the operational noise effects from buses are predicted to be minimal on the overall noise environment and therefore did not recommend any operational noise mitigation beyond the low road noise surface. With respect to S1, the shared responsibility approach to managing noise effects, which has been accepted by the Panel, extends to both developers and the Council. Managing noise effects from the corridor will properly be addressed during the plan change process as FUZ areas become live-zoned. NZTA is routinely involved in these planning processes.</p> <p>The conditions already provide for the BPO (beyond road surface material if required and</p>

Designation	Condition number	Modifications made by NZTA to conditions recommended by the Hearing Commissioners (additions to conditions are in <b>bold and underlined</b> and rejections are in <b>bold and strikethrough</b> )	Reason for modifications							
			appropriate) to be assessed as part of detailed design, for those PPFs set out in the relevant schedule of the designation conditions. NZTA therefore does not consider it necessary to include a specific requirement for consideration for noise barriers as further mitigation.							
HS KS	<b>24AB</b>	<p><b>Station Noise</b></p> <p>All mechanical <b>and electrical</b> services (<b>including Public Address system</b>) shall be designed to comply with the following noise rating levels and maximum noise levels, as measured and assessed at any residential zone site boundary. <del>The public address system shall be designed to comply with noise limits 10dB lower than those levels in each case.</del><sup>16</sup></p> <table border="1"> <thead> <tr> <th>Time</th> <th>Noise level</th> </tr> </thead> <tbody> <tr> <td>Monday to Saturday 7am-10pm</td> <td rowspan="2">50dB L<sub>Aeq</sub></td> </tr> <tr> <td>Sunday 9am-6pm</td> </tr> <tr> <td>All other times</td> <td>40dB L<sub>Aeq</sub> 75dB L<sub>AFmax</sub></td> </tr> </tbody> </table>	Time	Noise level	Monday to Saturday 7am-10pm	50dB L <sub>Aeq</sub>	Sunday 9am-6pm	All other times	40dB L <sub>Aeq</sub> 75dB L <sub>AFmax</sub>	<p><b>Reject amendment to condition</b></p> <p>The Panel recommends amendments to the Station Noise condition to be more stringent for public address systems and to delete the table. NZTA rejects the recommendation. As detailed in the evidence of Ms Wilkening<sup>17</sup>, the station noise from mechanical plant and any Public Address (PA) system should be designed to comply with the relevant underlying zone noise limits. There is no basis to impose tighter controls than the AUP:OP criteria. The condition also cannot operate as intended without reference to the table.</p>
Time	Noise level									
Monday to Saturday 7am-10pm	50dB L <sub>Aeq</sub>									
Sunday 9am-6pm										
All other times	40dB L <sub>Aeq</sub> 75dB L <sub>AFmax</sub>									
S1	25	<p>The Noise Criteria Categories identified in <i>Schedule 3: PPFs Noise Criteria Categories</i> at each of the PPFs shall be achieved where practicable and subject to Conditions 25 to 36 (all traffic noise conditions).</p> <p>The Noise Criteria Categories <del>at the PPFs identified in <i>Schedule 3: Identified PPFs Noise Criteria Categories</i></del> do not need to be complied with <u>at a PPF</u> where:</p> <p>...</p>	<p><b>Amendment by NZTA</b></p> <p>Amendments by NZTA to improve clarity of condition.</p>							
S1	31	<p>Prior to the Start of Construction in the vicinity of each Category C Building, the Requiring Authority shall write to the owner of the Category C Building requesting entry to assess the noise reduction performance of the existing building envelope. If the building owner agrees to entry within <del>three (3)</del> <u>12</u> months of the</p>	<p><b>Amendment by NZTA</b></p>							

<sup>16</sup> The Panel decision recommends deletion of the above table as part of this amendment.

<sup>17</sup> Rebuttal Evidence of Siiri Wilkening, dated 8 September 2023, at [8.20] – [8.21]

Designation	Condition number	Modifications made by NZTA to conditions recommended by the Hearing Commissioners (additions to conditions are in <b>bold and underlined</b> and rejections are in <b>bold and strikethrough</b> )	Reason for modifications																																																
		date of the Requiring Authority's letter, the Requiring Authority shall instruct a Suitably Qualified Person to visit the building and assess the noise reduction performance of the existing building envelope.	NZTA has amended this condition to provide building owners with more time and so it is consistent with NZTA's standard practice.																																																
S1	32	<p>For each Category C Building identified, the Requiring Authority is deemed to have complied with Condition 31 above if:</p> <p>...</p> <p>(c) The building owner did not agree to entry within <del>three (3)</del> <b>12</b> months of the date of the Requiring Authority's letter sent in accordance with Condition 31 above (including where the owner did not respond within that period); or</p> <p>...</p>	<p><b>Amendment by NZTA</b></p> <p>NZTA has amended this condition to provide building owners with more time and so it is consistent with NZTA's standard practice.</p>																																																
<u>All</u>	<u>New Schedule</u>	<p><b><u>Schedule 5: Table 10 of the 2018 EIANZ Guidelines</u></b></p> <p><b><u>Criteria for describing level of effects (Adapted from Regini (2000) and Boffa Miskell (2011))</u></b></p> <table border="1" data-bbox="427 762 1451 1305"> <thead> <tr> <th data-bbox="427 762 600 938"><u>Ecological Value</u> →</th> <th data-bbox="600 762 768 938"><u>Very high</u></th> <th data-bbox="768 762 936 938"><u>High</u></th> <th data-bbox="936 762 1104 938"><u>Moderate</u></th> <th data-bbox="1104 762 1272 938"><u>Low</u></th> <th data-bbox="1272 762 1451 938"><u>Negligible</u></th> </tr> <tr> <th data-bbox="427 938 600 1002"><u>Magnitude</u> ↓</th> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </thead> <tbody> <tr> <td data-bbox="427 1002 600 1066"><u>Very high</u></td> <td data-bbox="600 1002 768 1066"><u>Very high</u></td> <td data-bbox="768 1002 936 1066"><u>Very high</u></td> <td data-bbox="936 1002 1104 1066"><u>High</u></td> <td data-bbox="1104 1002 1272 1066"><u>Moderate</u></td> <td data-bbox="1272 1002 1451 1066"><u>Low</u></td> </tr> <tr> <td data-bbox="427 1066 600 1129"><u>High</u></td> <td data-bbox="600 1066 768 1129"><u>Very high</u></td> <td data-bbox="768 1066 936 1129"><u>Very high</u></td> <td data-bbox="936 1066 1104 1129"><u>Moderate</u></td> <td data-bbox="1104 1066 1272 1129"><u>Low</u></td> <td data-bbox="1272 1066 1451 1129"><u>Very low</u></td> </tr> <tr> <td data-bbox="427 1129 600 1193"><u>Moderate</u></td> <td data-bbox="600 1129 768 1193"><u>High</u></td> <td data-bbox="768 1129 936 1193"><u>High</u></td> <td data-bbox="936 1129 1104 1193"><u>Moderate</u></td> <td data-bbox="1104 1129 1272 1193"><u>Low</u></td> <td data-bbox="1272 1129 1451 1193"><u>Very low</u></td> </tr> <tr> <td data-bbox="427 1193 600 1257"><u>Low</u></td> <td data-bbox="600 1193 768 1257"><u>Moderate</u></td> <td data-bbox="768 1193 936 1257"><u>Low</u></td> <td data-bbox="936 1193 1104 1257"><u>Low</u></td> <td data-bbox="1104 1193 1272 1257"><u>Very low</u></td> <td data-bbox="1272 1193 1451 1257"><u>Very low</u></td> </tr> <tr> <td data-bbox="427 1257 600 1321"><u>Negligible</u></td> <td data-bbox="600 1257 768 1321"><u>Low</u></td> <td data-bbox="768 1257 936 1321"><u>Very low</u></td> <td data-bbox="936 1257 1104 1321"><u>Very low</u></td> <td data-bbox="1104 1257 1272 1321"><u>Very low</u></td> <td data-bbox="1272 1257 1451 1321"><u>Very low</u></td> </tr> <tr> <td data-bbox="427 1321 600 1364"><u>Positive</u></td> <td data-bbox="600 1321 768 1364"><u>Net gain</u></td> <td data-bbox="768 1321 936 1364"><u>Net gain</u></td> <td data-bbox="936 1321 1104 1364"><u>Net gain</u></td> <td data-bbox="1104 1321 1272 1364"><u>Net gain</u></td> <td data-bbox="1272 1321 1451 1364"><u>Net gain</u></td> </tr> </tbody> </table>	<u>Ecological Value</u> →	<u>Very high</u>	<u>High</u>	<u>Moderate</u>	<u>Low</u>	<u>Negligible</u>	<u>Magnitude</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>	<p><b>Amendment by NZTA</b></p> <p>See explanation in the Pre-Construction Ecological Survey condition above for the rationale for this additional schedule.</p>
<u>Ecological Value</u> →	<u>Very high</u>	<u>High</u>	<u>Moderate</u>	<u>Low</u>	<u>Negligible</u>																																														
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**Appendix A – NZTA Modifications to NoR S1 conditions (clean)**

**[# Council to allocate #] – Alternative State Highway**

Designation Number	XXXX
Requiring Authority	New Zealand Transport Agency.
Location	Between State Highway 16 near Foster Road and State Highway 16 at Brigham Creek Interchange.
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

Construction, operation and maintenance of a transport corridor.

## 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 Council that the material change to the management plan is certified; or (b) ten 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
Educational facility	Facility used for education to secondary level Includes:

	<ul style="list-style-type: none"> <li>schools and outdoor education facilities; and</li> <li>accommodation, administrative, cultural, religious, health, retail and communal facilities accessory to the above</li> </ul> <p>Excludes:</p> <ul style="list-style-type: none"> <li>care centres; and</li> <li>tertiary education facilities</li> </ul>
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: <ul style="list-style-type: none"> <li>(a) geotechnical investigations (including trial embankments);</li> <li>(b) archaeological site investigations;</li> <li>(c) formation of access for geotechnical investigations;</li> <li>(d) establishment of site yards, site entrances and fencing;</li> <li>(e) constructing and sealing site access roads;</li> <li>(f) demolition or removal of buildings and structures;</li> <li>(g) relocation of services; and</li> <li>(h) establishment of mitigation measures (such as erosion and sediment control measures, temporary noise walls, earth bunds and planting)</li> </ul>
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: <ul style="list-style-type: none"> <li>Te Kawerau ā Maki</li> <li>Ngāti Whātua o Kaipara</li> <li>Te Ākitai Waiohū</li> </ul>
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 West growth area	Constitutes the Future Urban Zone, or live zoned urban land in Kumeū, Huapai, Redhills, Redhills North, Riverhead and Whenuapai
NUMP	Network Utilities Management Plan
Outline Plan	An outline plan prepared in accordance with section 176A of the RMA
OSMP	Open Space Management Plan
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: Acoustics – Road-traffic noise – New and altered roads
Requiring Authority	Has the same meaning as section 166 of the RMA and, for this Designation is New Zealand Transport Agency

RMA	Resource Management Act 1991
SCEMP	Stakeholder Communication and Engagement Management Plan
Stakeholder	Stakeholders to be identified in accordance with Condition 3, 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) educational 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

No.	Condition
<b>General conditions</b>	
<b>1.</b>	<p><b>Activity in General Accordance with Plans and Information</b></p> <p>(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</p> <p>(b) Where there is inconsistency between:</p> <ul style="list-style-type: none"> <li>(i) the Project description and concept plan in Schedule 1 and the requirements of the following conditions, the conditions shall prevail;</li> <li>(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.</li> </ul>
<b>2.</b>	<p><b>Project Information</b></p> <p>(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.</p> <p>(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:</p> <ul style="list-style-type: none"> <li>(i) the status of the Project;</li> <li>(ii) anticipated construction timeframes;</li> <li>(iii) contact details for enquiries;</li> <li>(iv) the implications of the designation for landowners, occupiers and business owners and operators within the designation on how / where they can receive additional support following confirmation of the designation;</li> <li>(v) a subscription service to enable receipt of project updates by email;</li> <li>(vi) when and how to apply for consent for works in the designation under section 176(1)(b) of the RMA; and</li> <li>(vii) how/where to access noise modelling contours to inform development adjacent to the designation.</li> </ul> <p>(c) 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.</p>
<b>3.</b>	<p><b>Stakeholder Communication and Engagement</b></p> <p>(a) At least six months prior to the start of detailed design for a Stage of Work, the Requiring Authority shall identify:</p> <ul style="list-style-type: none"> <li>(i) a list of Stakeholders;</li> <li>(ii) a list of properties within the designation which the Requiring Authority does not own or have occupation rights to; and</li> <li>(iii) methods to engage with Stakeholders and the owners and occupiers of properties identified in 3(a)(i) –(ii) above.</li> </ul> <p>(b) A record of (a) shall be submitted with an Outline Plan for the relevant Stage of Work.</p>
<b>4.</b>	<p><b>Designation Review</b></p> <p>As soon as reasonably practicable following Completion of Construction, the Requiring Authority shall:</p> <ul style="list-style-type: none"> <li>(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</li> <li>(ii) give notice to Auckland Council in accordance with section 182 of the RMA for the removal of those parts of the designation identified above.</li> </ul>
<b>5.</b>	<p><b>Lapse</b></p> <p>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.</p>



No.	Condition
6.	<p><b>Network Utility Operators and Auckland Council (Section 176 Approval)</b></p> <p>(a) Prior to the start of Construction Works, Network Utility Operators with existing infrastructure and Auckland Council in relation to parks will not require written consent under section 176 of the RMA for the following activities:</p> <ul style="list-style-type: none"> <li>(i) operation, maintenance and repair works;</li> <li>(ii) minor renewal works to existing network utilities or parks necessary for the on-going provision or security of supply of network utility operations or parks operations;</li> <li>(iii) minor works such as new service connections; and</li> <li>(iv) the upgrade and replacement of existing network utilities in the same location with the same or similar effects on the work authorised by the designation as the existing utility.</li> </ul> <p>(b) To the extent that a record of written approval is required for the activities listed above, this condition shall constitute written approval.</p>
<b>Pre-construction conditions</b>	
7.	<p><b>Outline Plan</b></p> <p>(a) An Outline Plan (or Plans) shall be prepared in accordance with section 176A of the RMA.</p> <p>(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.</p> <p>(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:</p> <ul style="list-style-type: none"> <li>(i) Construction Environmental Management Plan;</li> <li>(ii) Construction Traffic Management Plan;</li> <li>(iii) Construction Noise and Vibration Management Plan;</li> <li>(iv) Network Integration Management Plan;</li> <li>(v) Open Space Management Plan;</li> <li>(vi) Urban and Landscape Design Management Plan;</li> <li>(vii) Historic Heritage Management Plan;</li> <li>(viii) Ecological Management Plan;</li> <li>(ix) Tree Management Plan; and</li> <li>(x) Network Utilities Management Plan.</li> </ul>
8.	<p><b>Network Utilities Integration</b></p> <p>The Requiring Authority shall consult with Network Utility Operators during the detailed design phase to consider opportunities to enable, or not preclude, the development of new network utility facilities including access to power and ducting within the Project, where practicable to do so. The consultation undertaken, opportunities considered, and whether or not they have been incorporated into the detailed design, shall be summarised in the Outline Plan(s) prepared for the Project.</p>

No.	Condition
	<p><b>Flood Hazard</b></p> <p>For the purpose of Condition 9:</p> <ul style="list-style-type: none"> <li>(a) AEP – means Annual Exceedance Probability;</li> <li>(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;</li> <li>(c) Flood prone area – means potential ponding areas that may flood and commonly comprise of topographical depression areas. The areas can occur naturally or as a result of constructed features;</li> <li>(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;</li> <li>(e) Pre-Project development – means existing site condition prior to the Project (including existing buildings and roadways); and</li> <li>(f) Post-Project development – means site condition after the Project has been completed (including existing and new buildings and roadways).</li> </ul>
<p><b>9.</b></p>	<p><b>Flood Hazard</b></p> <ul style="list-style-type: none"> <li>(a) The Project shall be designed to achieve the following flood risk outcomes: <ul style="list-style-type: none"> <li>(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;</li> <li>(ii) no increase in flood levels in a 1% AEP event for existing authorised community, commercial, industrial and network utility building floors that are already subject to flooding or have a freeboard less than 300mm;</li> <li>(iii) maximum of 50mm increase in water level in a 1% AEP event outside and adjacent to the designation boundaries between the pre and post Project scenarios; and</li> <li>(iv) no increase of Flood Hazard for the main access to authorised habitable dwellings existing at time the Outline Plan is submitted. The assessment shall be undertaken for the 1% AEP rainfall event.</li> <li>(v) Where Flood Hazard is: <ul style="list-style-type: none"> <li>A. velocity x depth greater than or equal to 0.6; or</li> <li>B. depth greater than 0.5m; or</li> <li>C. velocity greater than 2m/s.</li> </ul> </li> </ul> </li> <li>(b) Compliance with this condition shall be demonstrated in the Outline Plan, which shall include flood modelling of the pre-Project and post-Project 1% AEP flood levels (for Maximum Probable Development land use with allowances for climate change).</li> <li>(c) Where the above outcomes 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 varied through agreement with the relevant landowner, confirmation shall be provided that any necessary landowner and statutory approvals have been obtained for that work or alternative outcome.</li> </ul>
<p><b>10.</b></p>	<p><b>Existing property access</b></p> <p>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 addressed with the affected landowner.</p>

No.	Condition
11.	<p><b>Management Plans</b></p> <p>(a) Any management plan shall:</p> <ul style="list-style-type: none"> <li>(i) be prepared and implemented in accordance with the relevant management plan condition;</li> <li>(ii) be prepared by a Suitably Qualified Person(s);</li> <li>(iii) include sufficient detail relating to the management of effects associated with the relevant activities and/or Stage of Work to which it relates;</li> <li>(iv) summarise comments received from Mana Whenua and stakeholders as required by the relevant management plan condition, along with a summary of where comments have: <ul style="list-style-type: none"> <li>A. been incorporated; and</li> <li>B. where not incorporated, the reasons why.</li> </ul> </li> <li>(v) be submitted as part of an Outline Plan pursuant to section 176A of the RMA, with the exception of SCEMPs and CNVMP Schedules;</li> <li>(vi) once finalised, uploaded to the Project website or equivalent virtual information source.</li> </ul> <p>(b) Any management plan developed in accordance with Condition 11 may:</p> <ul style="list-style-type: none"> <li>(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;</li> <li>(ii) except for material changes, be amended to reflect any changes in design, construction methods or management of effects without further process;</li> </ul> <p>(c) 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 Council as an update to the Outline Plan or for Certification as soon as practicable following identification of the need for a revision;</p> <p>(d) Any material changes to the SCEMP(s) are to be submitted to the Council for information.</p>
12.	<p><b>Stakeholder Communication and Engagement Management Plan (SCEMP)</b></p> <p>(a) A SCEMP shall be prepared in consultation with 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.</p> <p>(b) To achieve the objective, the SCEMP shall include:</p> <ul style="list-style-type: none"> <li>(i) a list of Stakeholders;</li> <li>(ii) a list of properties within the designation which the Requiring Authority does not own or have occupation rights to;</li> <li>(iii) methods to engage with Stakeholders and the owners of properties identified in 12(b)(ii) above;</li> <li>(iv) 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);</li> <li>(v) methods for engaging with Mana Whenua, to be developed in consultation with Mana Whenua;</li> <li>(vi) methods and timing to engage with owners and occupiers whose access is directly affected;</li> <li>(vii) 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 12(b)(i) and (ii) above; and</li> <li>(viii) linkages and cross-references to communication and engagement methods set out in other conditions and management plans where relevant.</li> </ul> <p>(c) Any SCEMP prepared for a Stage of Work shall be submitted to Council for information a minimum of ten working days prior to the Start of Construction for a Stage of Work.</p>

No.	Condition
13.	<p><b>Network Integration Management Plan (NIMP)</b></p> <p>(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 Network Integration Management Plan (NIMP).</p> <p>(b) The objective of the NIMP is to identify how the Project will integrate with the planned transport network in the North West growth area to achieve an effective, efficient and safe land transport system. To achieve this objective, the NIMP shall include details of the:</p> <ul style="list-style-type: none"> <li>(i) Project implementation approach and any staging of the Project, including design, management and operational matters; and</li> <li>(ii) Sequencing of the Project with the planned transport network, including design, management and operational matters.</li> </ul>
14.	<p><b>Cultural Advisory Report</b></p> <p>(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.</p> <p>(b) To achieve the objective, the Requiring Authority shall invite Mana Whenua to prepare a Cultural Advisory Report that:</p> <ul style="list-style-type: none"> <li>(i) identifies the cultural sites, landscapes and values that have the potential to be affected by the construction and operation of the Project;</li> <li>(ii) sets out the desired outcomes for management of potential effects on cultural sites, landscapes and values;</li> <li>(iii) identifies traditional cultural practices within the area that may be impacted by the Project;</li> <li>(iv) identifies opportunities for restoration and enhancement of identified cultural sites, landscapes and values within the Project area;</li> <li>(v) taking into account the outcomes of 14(b)(i) to (iv) above, identify cultural matters and principles that should be considered in the development of the ULDMP and HHMP, and the CMP referred to in Condition 21;</li> <li>(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.</li> </ul> <p>(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;</p> <p>(d) Conditions 14(b) and (c) will cease to apply if:</p> <ul style="list-style-type: none"> <li>(i) Mana Whenua have been invited to prepare a Cultural Advisory Report by a date at least six months prior to start of Construction Works; and</li> <li>(ii) Mana Whenua have not provided a Cultural Advisory Report within six months prior to start of Construction Works.</li> </ul>

No.	Condition
15.	<p data-bbox="284 237 778 271"><b>Open Space Management Plan (OSMP)</b></p> <p data-bbox="284 275 1382 331">(a) An OSMP shall be prepared for Fred Taylor Park prior to the Start of Construction for a Stage of Work that will impact on Fred Taylor Park.</p> <p data-bbox="284 336 1382 427">(b) Auckland Council Parks shall be invited to participate in the development of the OSMP at least eighteen (18) months prior to the start of detailed design for a Stage of Work that will impact on Fred Taylor Park.</p> <p data-bbox="284 432 1382 524">(c) The objective of the OSMP is to minimise, as far as practicable, adverse effects on the recreation amenity of Fred Taylor Park resulting from the Project. To achieve the objective, the OSMP shall include details of:</p> <ul style="list-style-type: none"> <li data-bbox="355 528 1382 620">(i) how ongoing access (including walking and cycling) to Fred Taylor Park during construction will be maintained in accordance with the Construction Traffic Management Plan (Condition 22);</li> <li data-bbox="355 624 1382 680">(ii) opportunities to coordinate the forward work programme for Fred Taylor Park, where appropriate, with Auckland Council Parks;</li> <li data-bbox="355 685 1382 777">(iii) measures to reasonably maintain the existing service level of the affected park, including any temporary or permanent reconfiguration or replacement of park facilities; and</li> <li data-bbox="355 781 1382 853">(iv) how matters raised by Auckland Council Parks and relevant stakeholders have been incorporated into the OSMP, and where matters have not been incorporated, the reasons why not.</li> </ul>
	<p data-bbox="284 864 1018 898"><b>Urban and Landscape Design Management Plan (ULDMP)</b></p>
16.	<p data-bbox="284 909 1382 965">(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:</p> <ul style="list-style-type: none"> <li data-bbox="355 969 1382 1025">(i) enable integration of the Project's permanent works into the surrounding landscape and urban, anticipated future urban, or rural context; and</li> <li data-bbox="355 1030 1382 1086">(ii) ensure that the Project manages potential adverse landscape and visual effects as far as practicable and contributes to a quality environment.</li> </ul> <p data-bbox="284 1090 1382 1236">(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 Condition 14 may be reflected in the ULDMP.</p> <p data-bbox="284 1240 1382 1292">(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</p>

No.	Condition
17.	<p>(a) To achieve the objective set out in Condition 16, the ULDMP(s) shall provide details of how the project:</p> <ul style="list-style-type: none"> <li>(i) is designed to integrate with the adjacent urban, anticipated future urban, or rural context, including the surrounding existing or proposed topography, urban environment (i.e. centres and density of built form), natural environment, landscape character and open space zones (including Fred Taylor Park);</li> <li>(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;</li> <li>(iii) promotes inclusive access (where appropriate);</li> <li>(iv) promotes a sense of personal safety by aligning with best practice guidelines, such as: <ul style="list-style-type: none"> <li>A. Crime Prevention Through Environmental Design (CPTED) principles;</li> <li>B. Safety in Design (SID) requirements; and</li> <li>C. Maintenance in Design (MID) requirements and anti-vandalism/anti-graffiti measures; and</li> </ul> </li> <li>(v) Interfaces with the operational areas of commercial premises within business zoned land, including loading areas, internal circulation and car parking, where practicable.</li> </ul> <p>(b) The ULDMP shall be prepared in general accordance with:</p> <ul style="list-style-type: none"> <li>(i) Waka Kotahi Urban Design Guidelines: Bridging the Gap (2013) or any subsequent updated version;</li> <li>(ii) NZTA Landscape Guidelines (2018) or any subsequent updated version; and</li> <li>(iii) Waka Kotahi P39 Standard Specification for Highway Landscape Treatments (2013) or any subsequent updated version.</li> </ul>

No.	Condition
18.	<p>The ULDMP(s) shall include:</p> <ul style="list-style-type: none"> <li>(a) a concept plan – which depicts the overall landscape and urban design concept, and explain the rationale for the landscape and urban design proposals;</li> <li>(b) developed design concepts, including principles for walking and cycling facilities and public transport; and</li> <li>(c) landscape and urban design details – that cover the following: <ul style="list-style-type: none"> <li>(i) road design – elements such as intersection form, carriageway gradient and associated earthworks contouring including cut and fill batters, shaped to a natural profile where practicable and appropriate to the surrounding context, 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;</li> <li>(ii) roadside elements – such as lighting, fencing, wayfinding and signage;</li> <li>(iii) architectural and landscape treatment of all major structures, including bridges and retaining walls;</li> <li>(iv) architectural and landscape treatment of noise barriers;</li> <li>(v) landscape treatment and planting of permanent stormwater control wetlands and swales;</li> <li>(vi) integration of passenger transport;</li> <li>(vii) pedestrian and cycle facilities including paths, road crossings and dedicated pedestrian/ cycle bridges or underpasses;</li> <li>(viii) historic heritage places with reference to the HHMP (Condition 27); and</li> <li>(ix) re-instatement of construction and site compound areas; and</li> <li>(x) re-instatement of features to be retained such as: <ul style="list-style-type: none"> <li>A. boundary features;</li> <li>B. landscaping;</li> <li>C. driveways;</li> <li>D. accessways; and</li> <li>E. fences.</li> </ul> </li> </ul> </li> <li>(d) The ULDMP shall also include the following planting details and maintenance requirements: <ul style="list-style-type: none"> <li>(i) planting design details including: <ul style="list-style-type: none"> <li>A. identification of existing trees and vegetation that will be retained with reference to the TMP and Ecological Management Plan. Where practicable, mature trees and native vegetation should be retained;</li> <li>B. street trees, shrubs and ground cover suitable for the location;</li> <li>C. treatment of fill slopes to integrate with adjacent land use, streams, Riparian margins and open space zones;</li> <li>D. identification of any planting requirements under the Ecological Management Plan (Conditions 29) and TMP (Condition 30); and</li> <li>E. integration of any planting requirements required by conditions of any resource consents for the project;</li> </ul> </li> <li>(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 works in each Stage of Work; and</li> <li>(iii) detailed specifications relating to the following: <ul style="list-style-type: none"> <li>A. weed control and clearance;</li> <li>B. pest animal management (to support plant establishment);</li> <li>C. ground preparation (top soiling and decompaction);</li> <li>D. mulching; and</li> <li>E. plant sourcing and planting, including hydroseeding and grassing, and use of eco-sourced species</li> </ul> </li> </ul> </li> </ul>
<b>Specific Outline Plan requirements</b>	
<b>Construction conditions</b>	

No.	Condition
19.	<p data-bbox="284 237 983 271"><b>Construction Environmental Management Plan (CEMP)</b></p> <p data-bbox="284 275 1366 394">(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.</p> <p data-bbox="284 398 1393 1155">(b) To achieve the objective, the CEMP shall include:</p> <ul style="list-style-type: none"> <li data-bbox="355 427 1062 461">(i) the roles and responsibilities of staff and contractors;</li> <li data-bbox="355 465 1366 521">(ii) details of the site or project manager and the Project Liaison Person, including their contact details (phone and email address);</li> <li data-bbox="355 526 1286 582">(iii) the Construction Works programmes and the staging approach, and the proposed hours of work;</li> <li data-bbox="355 586 1366 642">(iv) details of the proposed construction yards including temporary screening when adjacent to residential zones;</li> <li data-bbox="355 647 959 680">(v) details of the proposed construction lighting;</li> <li data-bbox="355 685 1286 741">(vi) methods for controlling dust and the removal of debris and demolition of construction materials from public roads or places;</li> <li data-bbox="355 745 1238 779">(vii) methods for providing for the health and safety of the general public;</li> <li data-bbox="355 784 1393 853">(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;</li> <li data-bbox="355 857 879 891">(ix) procedures for incident management;</li> <li data-bbox="355 896 1286 952">(x) location and procedures for the refuelling and maintenance of plant and equipment to avoid discharges of fuels or lubricants to watercourses;</li> <li data-bbox="355 956 1382 1037">(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;</li> <li data-bbox="355 1041 1366 1097">(xii) summary of measures included to respond to matters raised in engagement, if not already covered above;</li> <li data-bbox="355 1102 1286 1135">(xiii) procedures for responding to complaints about Construction Works; and</li> <li data-bbox="355 1140 1142 1173">(xiv) methods for amending and updating the CEMP as required.</li> </ul>
20.	<p data-bbox="284 1167 544 1200"><b>Complaints Register</b></p> <p data-bbox="284 1205 1382 1261">(a) At all times during Construction Works, a record of any complaints received about the Construction Works shall be maintained. The record shall include:</p> <ul style="list-style-type: none"> <li data-bbox="355 1265 935 1299">(i) the date, time and nature of the complaint;</li> <li data-bbox="355 1303 1254 1359">(ii) the name, phone number and address of the complainant (unless the complainant wishes to remain anonymous);</li> <li data-bbox="355 1364 1382 1420">(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;</li> <li data-bbox="355 1424 1094 1458">(iv) the outcome of the investigation into the complaint; and</li> <li data-bbox="355 1462 1318 1543">(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.</li> </ul> <p data-bbox="284 1547 1366 1603">(b) A copy of the Complaints Register required by this condition shall be made available to the Manager upon request as soon as practicable after the request is made.</p>



No.	Condition
21.	<p data-bbox="280 235 683 271"><b>Cultural Monitoring Plan (CMP)</b></p> <p data-bbox="280 275 1378 400">(a) Prior to the start of Construction Works, 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.</p> <p data-bbox="280 405 932 441">(b) To achieve the objective, the CMP shall include:</p> <ul style="list-style-type: none"> <li data-bbox="357 445 1366 526">(i) Requirements for formal dedication or cultural interpretation to be undertaken prior to start of Construction Works in areas identified as having significance to Mana Whenua;</li> <li data-bbox="357 530 1262 589">(ii) Requirements and protocols for cultural inductions for contractors and subcontractors;</li> <li data-bbox="357 593 1362 651">(iii) Identification of activities, sites and areas where cultural monitoring is required during particular Construction Works;</li> <li data-bbox="357 656 1294 714">(iv) Identification of personnel to undertake cultural monitoring, including any geographic definition of their responsibilities; and</li> <li data-bbox="357 719 1374 799">(v) Details of personnel to assist with management of any cultural effects identified during cultural monitoring, including implementation of the Accidental Discovery Protocol</li> </ul> <p data-bbox="280 804 1326 965">(c) If Enabling Works involving soil disturbance are undertaken prior to the start of Construction Works, 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.</p>
	<p data-bbox="280 1003 443 1039"><b>Advice note:</b></p> <p data-bbox="280 1043 1315 1128">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.</p>

No.	Condition
22.	<p data-bbox="282 237 874 273"><b>Construction Traffic Management Plan (CTMP)</b></p> <p data-bbox="282 275 1362 360">(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.</p> <p data-bbox="282 362 951 398">(b) To achieve this objective, the CTMP shall include:</p> <ul style="list-style-type: none"> <li data-bbox="357 400 1347 456">(i) methods to manage the effects of temporary traffic management activities on traffic;</li> <li data-bbox="357 459 1051 495">(ii) measures to ensure the safety of all transport users;</li> <li data-bbox="357 497 1382 667">(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 educational facilities or to manage traffic congestion;</li> <li data-bbox="357 669 1382 754">(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;</li> <li data-bbox="357 757 1289 842">(v) identification of detour routes and other methods to ensure the safe management and maintenance of traffic flows, including public transport services, pedestrians and cyclists;</li> <li data-bbox="357 844 1374 913">(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. Engagement with landowners or occupiers whose access is directly affected shall be undertaken in accordance with the SCEMP;</li> <li data-bbox="357 916 1378 1001">(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;</li> <li data-bbox="357 1003 1374 1088">(viii) methods that will be undertaken to communicate traffic management measures to affected road users (e.g. residents / public / stakeholders / emergency services);</li> <li data-bbox="357 1090 1337 1176">(ix) details of minimum network performance parameters during the construction phase, including any measures to monitor compliance with the performance parameters; and</li> <li data-bbox="357 1178 1374 1247">(x) details of any measures proposed to be implemented in the event of thresholds identified in 22(b)(ix) being exceeded.</li> </ul> <p data-bbox="282 1249 1289 1341">(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.</p>

No.	Condition																																																										
23.	<p data-bbox="280 235 671 266"><b>Construction Noise Standards</b></p> <p data-bbox="280 271 1299 367">(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:</p> <p data-bbox="280 405 756 436"><b>Table 23-1 Construction Noise Standards</b></p> <table border="1" data-bbox="280 456 1259 1025"> <thead> <tr> <th data-bbox="280 456 528 488">Day of week</th> <th data-bbox="528 456 772 488">Time period</th> <th data-bbox="772 456 1016 488">L<sub>Aeq</sub>(15min)</th> <th data-bbox="1016 456 1259 488">L<sub>AFmax</sub></th> </tr> </thead> <tbody> <tr> <td colspan="4" data-bbox="280 495 1259 526"><b>Occupied activity sensitive to noise</b></td> </tr> <tr> <td data-bbox="280 526 528 658" rowspan="4">Weekday</td> <td data-bbox="528 526 772 557">0630h - 0730h</td> <td data-bbox="772 526 1016 557">55 dB</td> <td data-bbox="1016 526 1259 557">75 dB</td> </tr> <tr> <td data-bbox="528 557 772 589">0730h - 1800h</td> <td data-bbox="772 557 1016 589">70 dB</td> <td data-bbox="1016 557 1259 589">85 dB</td> </tr> <tr> <td data-bbox="528 589 772 620">1800h - 2000h</td> <td data-bbox="772 589 1016 620">65 dB</td> <td data-bbox="1016 589 1259 620">80 dB</td> </tr> <tr> <td data-bbox="528 620 772 658">2000h - 0630h</td> <td data-bbox="772 620 1016 658">45 dB</td> <td data-bbox="1016 620 1259 658">75 dB</td> </tr> <tr> <td data-bbox="280 658 528 790" rowspan="4">Saturday</td> <td data-bbox="528 658 772 689">0630h - 0730h</td> <td data-bbox="772 658 1016 689">45 dB</td> <td data-bbox="1016 658 1259 689">75 dB</td> </tr> <tr> <td data-bbox="528 689 772 721">0730h - 1800h</td> <td data-bbox="772 689 1016 721">70 dB</td> <td data-bbox="1016 689 1259 721">85 dB</td> </tr> <tr> <td data-bbox="528 721 772 752">1800h - 2000h</td> <td data-bbox="772 721 1016 752">45 dB</td> <td data-bbox="1016 721 1259 752">75 dB</td> </tr> <tr> <td data-bbox="528 752 772 790">2000h - 0630h</td> <td data-bbox="772 752 1016 790">45 dB</td> <td data-bbox="1016 752 1259 790">75 dB</td> </tr> <tr> <td data-bbox="280 790 528 922" rowspan="4">Sunday and Public Holidays</td> <td data-bbox="528 790 772 822">0630h - 0730h</td> <td data-bbox="772 790 1016 822">45 dB</td> <td data-bbox="1016 790 1259 822">75 dB</td> </tr> <tr> <td data-bbox="528 822 772 853">0730h - 1800h</td> <td data-bbox="772 822 1016 853">55 dB</td> <td data-bbox="1016 822 1259 853">85 dB</td> </tr> <tr> <td data-bbox="528 853 772 884">1800h - 2000h</td> <td data-bbox="772 853 1016 884">45 dB</td> <td data-bbox="1016 853 1259 884">75 dB</td> </tr> <tr> <td data-bbox="528 884 772 922">2000h - 0630h</td> <td data-bbox="772 884 1016 922">45 dB</td> <td data-bbox="1016 884 1259 922">75 dB</td> </tr> <tr> <td colspan="4" data-bbox="280 929 1259 960"><b>Other occupied buildings</b></td> </tr> <tr> <td data-bbox="280 960 528 1025" rowspan="2">All</td> <td data-bbox="528 960 772 992">0730h – 1800h</td> <td data-bbox="772 960 1016 992">70 dB</td> <td data-bbox="1016 960 1259 992"></td> </tr> <tr> <td data-bbox="528 992 772 1025">1800h – 0730h</td> <td data-bbox="772 992 1016 1025">75 dB</td> <td data-bbox="1016 992 1259 1025"></td> </tr> </tbody> </table> <p data-bbox="280 1025 1347 1090">(b) Where compliance with the noise standards set out in Table 23-1 is not practicable, the methodology in Condition 26 shall apply.</p>	Day of week	Time period	L <sub>Aeq</sub> (15min)	L <sub>AFmax</sub>	<b>Occupied activity sensitive to noise</b>				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	<b>Other occupied buildings</b>				All	0730h – 1800h	70 dB		1800h – 0730h	75 dB	
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No.	Condition																						
24.	<p data-bbox="280 235 715 266"><b>Construction Vibration Standards</b></p> <p data-bbox="280 275 1331 400">(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 Table 24-1 as far as practicable.</p> <p data-bbox="280 439 794 465"><b>Table 24-1 Construction Vibration Standards</b></p> <table border="1" data-bbox="280 490 1225 871"> <thead> <tr> <th data-bbox="280 490 520 521">Receiver</th> <th data-bbox="526 490 751 521">Details</th> <th data-bbox="758 490 986 521">Category A*</th> <th data-bbox="992 490 1225 521">Category B*</th> </tr> </thead> <tbody> <tr> <td data-bbox="280 530 520 647" rowspan="2">Occupied activities sensitive to noise</td> <td data-bbox="526 530 751 584">Night-time 2000h - 0630h</td> <td data-bbox="758 530 986 584">0.3mm/s ppv</td> <td data-bbox="992 530 1225 584">1mm/s ppv</td> </tr> <tr> <td data-bbox="526 593 751 647">Daytime 0630h - 2000h</td> <td data-bbox="758 593 986 647">1mm/s ppv</td> <td data-bbox="992 593 1225 647">5mm/s ppv</td> </tr> <tr> <td data-bbox="280 656 520 710">Other occupied buildings</td> <td data-bbox="526 656 751 710">Daytime 0630h - 2000h</td> <td data-bbox="758 656 986 710">2mm/s ppv</td> <td data-bbox="992 656 1225 710">5mm/s ppv</td> </tr> <tr> <td data-bbox="280 719 520 871" rowspan="2">All other buildings</td> <td data-bbox="526 719 751 772">At all other times Vibration transient</td> <td data-bbox="758 719 986 772">5mm/s ppv</td> <td data-bbox="992 719 1225 772">BS 5228-2** Table B2</td> </tr> <tr> <td data-bbox="526 781 751 871">At all other times Vibration continuous</td> <td data-bbox="758 781 986 871">5mm/s ppv</td> <td data-bbox="992 781 1225 871">BS 5228-2** 50% of Table B2 values</td> </tr> </tbody> </table> <p data-bbox="280 875 1331 929">* Refer to NZTA State highway construction and maintenance noise and vibration guide for further explanation regarding Category A and B criteria</p> <p data-bbox="280 934 1350 987">** BS 5228-2:2009 'Code of practice for noise and vibration control on construction and open sites – Part 2: Vibration'</p> <p data-bbox="280 996 1385 1055">(b) Where compliance with the vibration standards set out in Table 24-1 is not practicable, the methodology in Condition 26 shall apply.</p> <p data-bbox="280 1059 1378 1144">(c) If measured or predicted vibration from construction activities exceeds the Category A criteria, a Suitably Qualified Person shall assess and manage construction vibration during those activities.</p> <p data-bbox="280 1149 1378 1234">(d) If measured or predicted vibration from construction activities exceeds the Category B criteria those activities must only proceed if vibration effects on affected buildings are assessed, monitored and mitigated by a Suitably Qualified Person.</p>	Receiver	Details	Category A*	Category B*	Occupied activities sensitive to noise	Night-time 2000h - 0630h	0.3mm/s ppv	1mm/s ppv	Daytime 0630h - 2000h	1mm/s ppv	5mm/s ppv	Other occupied buildings	Daytime 0630h - 2000h	2mm/s ppv	5mm/s ppv	All other buildings	At all other times Vibration transient	5mm/s ppv	BS 5228-2** Table B2	At all other times Vibration continuous	5mm/s ppv	BS 5228-2** 50% of Table B2 values
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No.	Condition
25.	<p data-bbox="284 237 1066 271"><b>Construction Noise and Vibration Management Plan (CNVMP)</b></p> <p data-bbox="284 275 1358 454">(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.</p> <p data-bbox="284 459 1374 548">(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:</p> <ul style="list-style-type: none"> <li data-bbox="355 553 1177 586">(i) description of the works and anticipated equipment/processes;</li> <li data-bbox="355 591 1374 647">(ii) hours of operation, including times and days when construction activities would occur;</li> <li data-bbox="355 651 1161 685">(iii) the construction noise and vibration standards for the project;</li> <li data-bbox="355 689 1246 723">(iv) identification of receivers where noise and vibration standards apply;</li> <li data-bbox="355 728 1366 804">(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;</li> <li data-bbox="355 808 1366 864">(vi) methods and frequency for monitoring and reporting on construction noise and vibration;</li> <li data-bbox="355 869 1318 981">(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.</li> <li data-bbox="355 985 963 1019">(viii) contact details of the Project Liaison Person;</li> <li data-bbox="355 1023 1374 1099">(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;</li> <li data-bbox="355 1104 1358 1216">(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 A or Category B will not be practicable;</li> <li data-bbox="355 1220 1358 1276">(xi) identification of trigger levels for undertaking building condition surveys, which shall be below Category B day time levels;</li> <li data-bbox="355 1281 1366 1370">(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;</li> <li data-bbox="355 1375 1366 1464">(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</li> <li data-bbox="355 1469 1038 1503">(xiv) requirements for review and update of the CNVMP.</li> </ul>

No.	Condition
26.	<p data-bbox="284 239 560 271"><b>Schedule to a CNVMP</b></p> <p data-bbox="284 277 1374 365">(a) A Schedule to the CNVMP (Schedule) shall be prepared prior to the start of the construction to which it relates by a Suitably Qualified Person, in consultation with the owners and occupiers of sites subject to the Schedule, when:</p> <ul style="list-style-type: none"> <li data-bbox="357 371 1273 427">(i) Construction noise is either predicted or measured to exceed the noise standards in Condition 23</li> <li data-bbox="357 434 1382 490">(ii) Construction vibration is either predicted or measured to exceed the Category A standard at the receivers in Condition 24.</li> </ul> <p data-bbox="284 497 1342 577">(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.</p> <p data-bbox="284 584 1166 616">(c) To achieve the objective, the Schedule shall include details such as:</p> <ul style="list-style-type: none"> <li data-bbox="357 622 1034 654">(i) construction activity location, start and finish times;</li> <li data-bbox="357 660 1034 692">(ii) the nearest neighbours to the construction activity;</li> <li data-bbox="357 698 1374 779">(iii) the predicted noise and/or vibration level for all receivers where the levels are predicted or measured to exceed the applicable standards in Conditions 23 and 24 and the predicted duration of the exceedance;</li> <li data-bbox="357 786 1362 866">(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;</li> <li data-bbox="357 873 1353 929">(v) the proposed mitigation options that have been selected, and the options that have been discounted as being impracticable and the reasons why;</li> <li data-bbox="357 936 1369 1016">(vi) a summary of 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</li> <li data-bbox="357 1023 895 1055">(vii) location, times and types of monitoring.</li> </ul> <p data-bbox="284 1061 1374 1193">(d) The Schedule shall be submitted to the Manager for information at least 5 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. If any comments are received from the Manager, these shall be considered by the Requiring Authority prior to implementation of the Schedule.</p> <p data-bbox="284 1200 1369 1368">(e) 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 information 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.</p>

No.	Condition
27.	<p data-bbox="280 237 837 271"><b>Historic Heritage Management Plan (HHMP)</b></p> <p data-bbox="280 275 1394 394">(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.</p> <p data-bbox="280 398 1394 1709">(b) To achieve the objective, the HHMP shall identify:</p> <ul style="list-style-type: none"> <li data-bbox="357 427 1394 517">(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;</li> <li data-bbox="357 521 1394 577">(ii) methods for the identification and assessment of potential historic heritage places within the Designation to inform detailed design;</li> <li data-bbox="357 582 1394 667">(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;</li> <li data-bbox="357 672 1394 728">(iv) any unrecorded archaeological sites or post-1900 heritage sites within the Designation, which shall also be documented and recorded;</li> <li data-bbox="357 732 1394 882">(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;</li> <li data-bbox="357 887 1394 943">(vi) specific areas to be investigated, monitored and recorded to the extent these are directly affected by the Project;</li> <li data-bbox="357 947 1394 1155">(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;</li> <li data-bbox="357 1160 1394 1245">(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;</li> <li data-bbox="357 1249 1394 1709">(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: <ul style="list-style-type: none"> <li data-bbox="434 1346 1394 1402">A. security fencing or hoardings around historic heritage places to protect them from damage during construction or unauthorised access;</li> <li data-bbox="434 1406 1394 1491">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</li> <li data-bbox="434 1496 1394 1709">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).</li> </ul> </li> </ul> <p data-bbox="280 1749 576 1805"><b>Advice note: Accidental Discoveries</b></p> <p data-bbox="280 1816 1394 1892">The requirements for accidental discoveries of heritage items are set out in Rule E11.6.1 of the AUP and in the NZTA Minimum Standard P45 Accidental Archaeological Discovery Specification, or any subsequent version.</p>

No.	Condition
28.	<p data-bbox="279 237 742 273"><b>Pre-Construction Ecological Survey</b></p> <p data-bbox="279 280 1372 360">(a) At the start of detailed design for a Stage of Work, an updated ecological survey shall be undertaken by a Suitably Qualified Person. The purpose of the survey is to inform ecological management by:</p> <ul style="list-style-type: none"> <li data-bbox="359 367 1364 425">(i) confirming whether the species of value within the Identified Biodiversity Areas recorded in the Identified Biodiversity Area Schedule 2 are still present; and</li> <li data-bbox="359 432 1372 577">(ii) confirming whether the project will or may have a moderate or greater level of ecological effect on ecological species of value, prior to implementation of impact management measures with the level of effect to be determined in accordance with Table 10 of the EIANZ guidelines as included in Schedule 3 to these conditions (or subsequent updated version of the table).</li> </ul> <p data-bbox="279 584 1364 689">(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).</p>



**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 of Confirmed Biodiversity Areas as far as practicable.
- (b) To achieve the objective, the EMP shall set out the methods which may include:
  - (i) If an EMP is required in accordance with Condition 28(b) for the presence of long tail bats:
    - A. measures to minimise as far as practicable, disturbance from construction activities within the vicinity of any active long tail bat roosts (including maternity) that are discovered through survey until such roosts are confirmed to be vacant of bats;
    - B. how the timing of any construction work in the vicinity of any maternity long tail bat roosts will be limited to outside the bat maternity period (between December and March) where reasonably practicable;
    - C. details of areas where vegetation is to be retained where practicable for the purposes of the connectivity of long tail bats;
    - D. details of how bat connectivity will be provided and maintained (e.g. through the presence of suitable indigenous or exotic trees or artificial alternatives). This could include identification of areas and timeframes for establishment of advance restoration / mitigation planting taking into account land ownership, accessibility and the timing of available funding, measures to manage the effects of light spill on bat connectivity as far as practicable; and
    - E. where mitigation to minimise effects is not practicable, details of any offsetting proposed.
  - (ii) If an EMP is required in accordance with Condition 28(b) for the presence of threatened or at risk wetland birds:
    - A. how the timing of any Construction Works shall be undertaken outside of the bird breeding season (September to February) where practicable.
    - B. where works are required within the Confirmed Biodiversity Area during the bird season, methods to minimise adverse effects on Threatened or At-Risk wetland birds;
    - C. undertaking a nesting bird survey of Threatened or At-Risk wetland birds prior to any Construction Works taking place within a 50m radius of any identified Wetlands (including establishment of construction areas adjacent to Wetlands). Surveys should be repeated at the beginning of each wetland bird breeding season and following periods of construction inactivity;
    - D. what protection and buffer measures will be provided where nesting Threatened or At-Risk wetland birds are identified within 50m of any construction area (including laydown areas). Measures could include:
      - a. a 20 m buffer area around the nest location and retaining vegetation. The buffer areas should be demarcated where necessary to protect birds from encroachment. This might include the use of marker poles, tape and signage;
      - b. monitoring of the nesting Threatened or At-Risk wetland birds by a Suitably Qualified Person. Construction works within the 20m nesting buffer areas should not occur until the Threatened or At-Risk wetland birds have fledged from the nest location (approximately 30 days from egg laying to fledging) as confirmed by a Suitably Qualified Person;
      - c. minimising the disturbance from the works if construction works are required within 50 m of a nest, as advised by a Suitably Qualified Person;
      - d. adopting a 10m setback where practicable, between the edge of Wetlands and construction areas (along the edge of the stockpile / laydown area); and
      - e. minimising light spill from construction areas into Wetlands

No.	Condition
	<p>(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.</p> <p><b>Advice note:</b> Depending on the potential effects of the Project, the regional consents for the Project may include the following monitoring and management plans:</p> <ul style="list-style-type: none"> <li>(i) Stream and/or wetland restoration plans;</li> <li>(ii) Vegetation restoration plans; and</li> <li>(iii) Fauna management plans (eg avifauna, herpetofauna, bats).</li> </ul>
<p><b>30.</b></p>	<p><b>Tree Management Plan (TMP)</b></p> <p>(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 as protected or notable in the Auckland Unitary Plan.</p> <p>(b) To achieve the objective, the TMP shall:</p> <ul style="list-style-type: none"> <li>(i) confirm the trees that will be affected by the project work and are identified as protected or notable in the Auckland Unitary Plan; and</li> <li>(ii) demonstrate how the design and location of project works has avoided, remedied or mitigated any effects on any tree identified in 30(b)(i) above. This may include: <ul style="list-style-type: none"> <li>A. any opportunities to relocate listed trees where practicable.</li> <li>B. planting to replace trees that require removal (with reference to the ULDMP planting design details in Condition 18);</li> <li>C. tree protection zones and tree protection measures such as protective fencing, ground protection and physical protection of roots, trunks and branches; and</li> <li>D. methods for work within the rootzone of trees that are to be retained in line with accepted arboricultural standards.</li> </ul> </li> <li>(iii) demonstrate how the tree management measures (outlined in 30(b)(ii)A – D above) are consistent with conditions of any resource consents granted for the project in relation to managing construction effects on trees.</li> </ul>
<p><b>31.</b></p>	<p><b>Network Utility Management Plan (NUMP)</b></p> <p>(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.</p> <p>(b) To achieve the objective, the NUMP shall include methods to:</p> <ul style="list-style-type: none"> <li>(i) provide access for maintenance at all reasonable times, or emergency works at all times during construction activities;</li> <li>(ii) protect and where necessary, relocate existing network utilities;</li> <li>(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;</li> <li>(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.</li> </ul> <p>(c) The NUMP shall include methods (including timing) to protect and where required safely relocate the International Cable.</p> <p>(d) 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.</p> <p>(e) Any comments received from the Network Utility Operator shall be considered when finalising the NUMP.</p> <p>(f) Any amendments to the NUMP related to the assets of a Network Utility Operator shall be prepared in consultation with that asset owner.</p>
	<p><b>Operational conditions</b></p>

No.	Condition
32.	<p><b>Low Noise Road Surface</b></p> <p>(a) An Open Graded Porous Asphalt (OGPA) pavement or a pavement with a similar or better noise reduction characteristics shall be implemented within 12 months of completion of construction of the Project.</p> <p>(b) The surfacing in (a) above shall be maintained to retain the noise reduction performance as far as practicable.</p>
	<p><b>Traffic Noise</b></p> <p>For the purposes of Conditions 33 to 46:</p> <p>(a) Building-Modification Mitigation – has the same meaning as in NZS 6806;</p> <p>(b) Design year has the same meaning as in NZS 6806;</p> <p>(c) Detailed Mitigation Options – means the fully detailed design of the Selected Mitigation Options, with all practical issues addressed;</p> <p>(d) Habitable Space – has the same meaning as in NZS 6806;</p> <p>(e) Identified Noise Criteria Category – means the Noise Criteria Category for a PPF identified in Schedule 4: Identified PPFs Noise Criteria Categories;</p> <p>(f) Mitigation – has the same meaning as in NZS 6806:2010 Acoustics – Road-traffic noise – New and altered roads;</p> <p>(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);</p> <p>(h) NZS 6806 – means New Zealand Standard NZS 6806:2010 Acoustics – Road-traffic noise – New and altered roads;</p> <p>(i) P40 – means Transport Agency NZTA P40:2014 Specification for noise mitigation</p> <p>(j) Protected Premises and Facilities (PPFs) – means only the premises and facilities identified in Schedule 4: PPFs Noise Criteria Categories;</p> <p>(k) Selected Mitigation Options – means the preferred mitigation option resulting from a Best Practicable Option assessment undertaken in accordance with NZS 6806; and</p> <p>(l) Structural Mitigation – has the same meaning as in NZS 6806.</p>
33.	<p>The Noise Criteria Categories identified in Schedule 4: PPFs Noise Criteria Categories at each of the PPFs shall be achieved where practicable and subject to Conditions 33 to 46 (all traffic noise conditions).</p> <p>The Noise Criteria Categories do not need to be complied with at a PPF where:</p> <p>(a) The PPF no longer exists; or</p> <p>(b) Agreement of the landowner has been obtained confirming that the Noise Criteria Category does not need to be met.</p> <p>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.</p>
34.	<p>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 4: PPFs Noise Criteria Categories.</p>
35.	<p>Prior to construction of the Project, a Suitably Qualified Person shall develop the Detailed Mitigation Options for the PPFs identified in Schedule 4 PPFs Noise Criteria Categories, taking into account the Selected Mitigation Options.</p>
36.	<p>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.</p>
37.	<p>Prior to the Start of Construction, a Noise Mitigation Plan written in accordance with P40 shall be provided to the Manager for information.</p>
38.	<p>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.</p>

No.	Condition
39.	Prior to the Start of Construction, a Suitably Qualified Person shall identify those PPFs which, following implementation of all the Detailed Mitigation Options, will not be Noise Criteria Categories A or B and where Building-Modification Mitigation might be required to achieve 40 dB LAeq(24h) inside Habitable Spaces ('Category C Buildings').
40.	Prior to the Start of Construction in the vicinity of each Category C Building, the Requiring Authority shall write to the owner of the Category C Building requesting entry to assess the noise reduction performance of the existing building envelope. If the building owner agrees to entry within 12 months of the date of the Requiring Authority's letter, the Requiring Authority shall instruct a Suitably Qualified Person to visit the building and assess the noise reduction performance of the existing building envelope.
41.	<p>For each Category C Building identified, the Requiring Authority is deemed to have complied with Condition 40 above if:</p> <ul style="list-style-type: none"> <li>(a) The Requiring Authority's Suitably Qualified Person has visited the building and assessed the noise reduction performance of the building envelope; or</li> <li>(b) The building owner agreed to entry, but the Requiring Authority could not gain entry for some reason (such as entry denied by a tenant); or</li> <li>(c) The building owner did not agree to entry within 12 months of the date of the Requiring Authority's letter sent in accordance with Condition 40 above (including where the owner did not respond within that period); or</li> <li>(d) The building owner cannot, after reasonable enquiry, be found prior to Completion of Construction of the Project.</li> </ul> <p>If any of (b) to (d) above apply to a Category C Building, the Requiring Authority is not required to implement Building-Modification Mitigation to that building.</p>
42.	<p>Subject to Condition 41 above, within six months of the assessment undertaken in accordance with Condition 40, the Requiring Authority shall write to the owner of each Category C Building advising:</p> <ul style="list-style-type: none"> <li>(a) If Building-Modification Mitigation is required to achieve 40 dB LAeq(24h) inside habitable spaces; and</li> <li>(b) The options available for Building-Modification Mitigation to the building, if required; and</li> <li>(c) That the owner has three months to decide whether to accept Building-Modification Mitigation to the building and to advise which option for Building-Modification Mitigation the owner prefers, if the Requiring Authority has advised that more than one option is available.</li> </ul>
43.	Once an agreement on Building-Modification Mitigation is reached between the Requiring Authority and the owner of a Category C Building, the mitigation shall be implemented, including any third party authorisations required, in a reasonable and practical timeframe agreed between the Requiring Authority and the owner.
44.	<p>Subject to Condition 41, where Building-Modification Mitigation is required, the Requiring Authority is deemed to have complied with Condition 43 if:</p> <ul style="list-style-type: none"> <li>(a) The Requiring Authority has completed Building Modification Mitigation to the building; or</li> <li>(b) An alternative agreement for mitigation is reached between the Requiring Authority and the building owner; or</li> <li>(c) The building owner did not accept the Requiring Authority's offer to implement Building-Modification Mitigation within three months of the date of the Requiring Authority's letter sent in accordance with Condition 41 (including where the owner did not respond within that period); or</li> <li>(d) The building owner cannot, after reasonable enquiry, be found prior to Completion of Construction of the Project.</li> </ul>
45.	Within 12 months of Completion of Construction of the Project, a post-construction review report written in accordance with P40 Specification for Noise Mitigation 2014 shall be provided to the Manager.
46.	The Detailed Mitigation Options shall be maintained so they retain their noise reduction performance as far as practicable

## Attachments

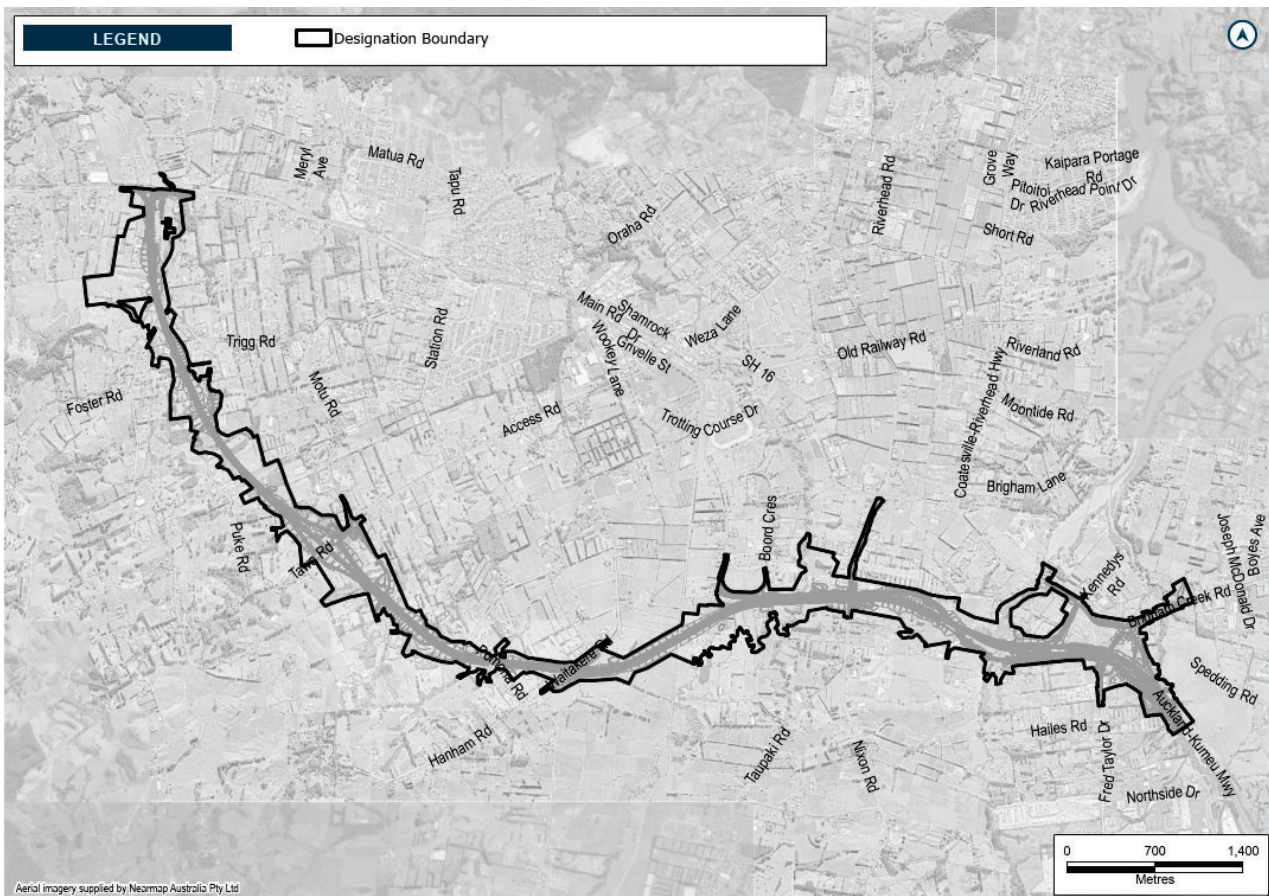
## Schedule 1: General Accordance Plans and Information

### Project Description

The proposed work is the construction, operation, and maintenance of a state highway in North West Auckland, from State Highway 16 near Foster Road, connecting at Tawa Road, to State Highway 16 at Brigham Creek Interchange, including active transport facilities and associated infrastructure. The proposed work is shown in the following Concept Plan and includes:

- (a) A new transport corridor, including public transport and active transport facilities;
- (b) Associated works including intersections, interchanges, bridges, embankments, retaining, culverts, stormwater management systems;
- (c) Changes to local roads, where the proposed work intersects with local roads; and
- (d) Construction activities, including vegetation removal, construction compounds, laydown areas, bridge works area, construction traffic management and the re-grade of driveways.

### Concept Plan



## **Schedule 2: Identified Biodiversity Areas**

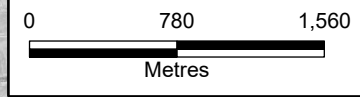
**LEGEND**

 Designation Boundary

 Identified Biodiversity Area




**Long-tailed Bat**





**LEGEND**

 Designation Boundary

 Identified Biodiversity Area

Matua Rd

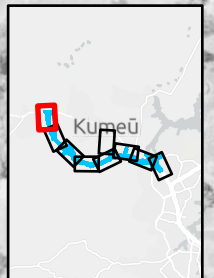


Trigg Rd

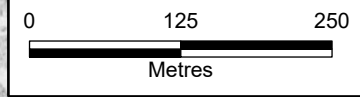
Foster Rd

SH 16


Map Number: 1




Threatened or At Risk Wetland Birds



**LEGEND**

 Designation Boundary

 Identified Biodiversity Area

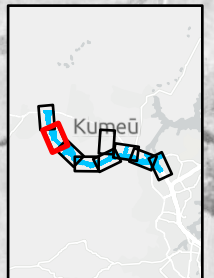


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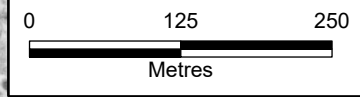
Puke Rd

Foster Rd

Map Number: 2




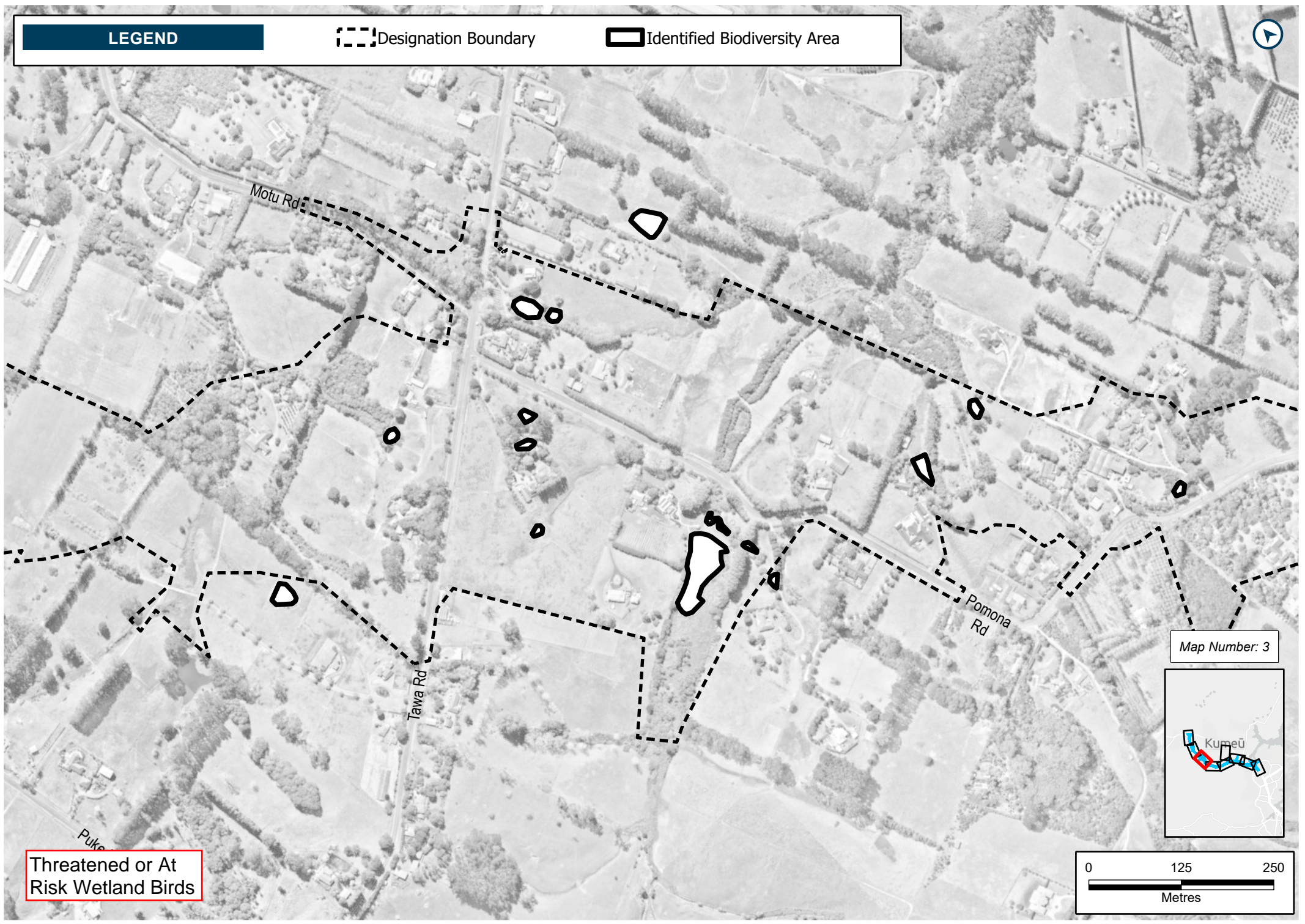
Threatened or At Risk Wetland Birds



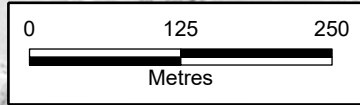
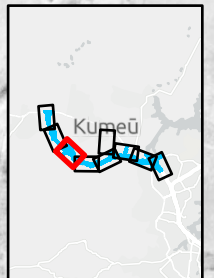
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 Designation Boundary

 Identified Biodiversity Area




Map Number: 3




**Threatened or At Risk Wetland Birds**

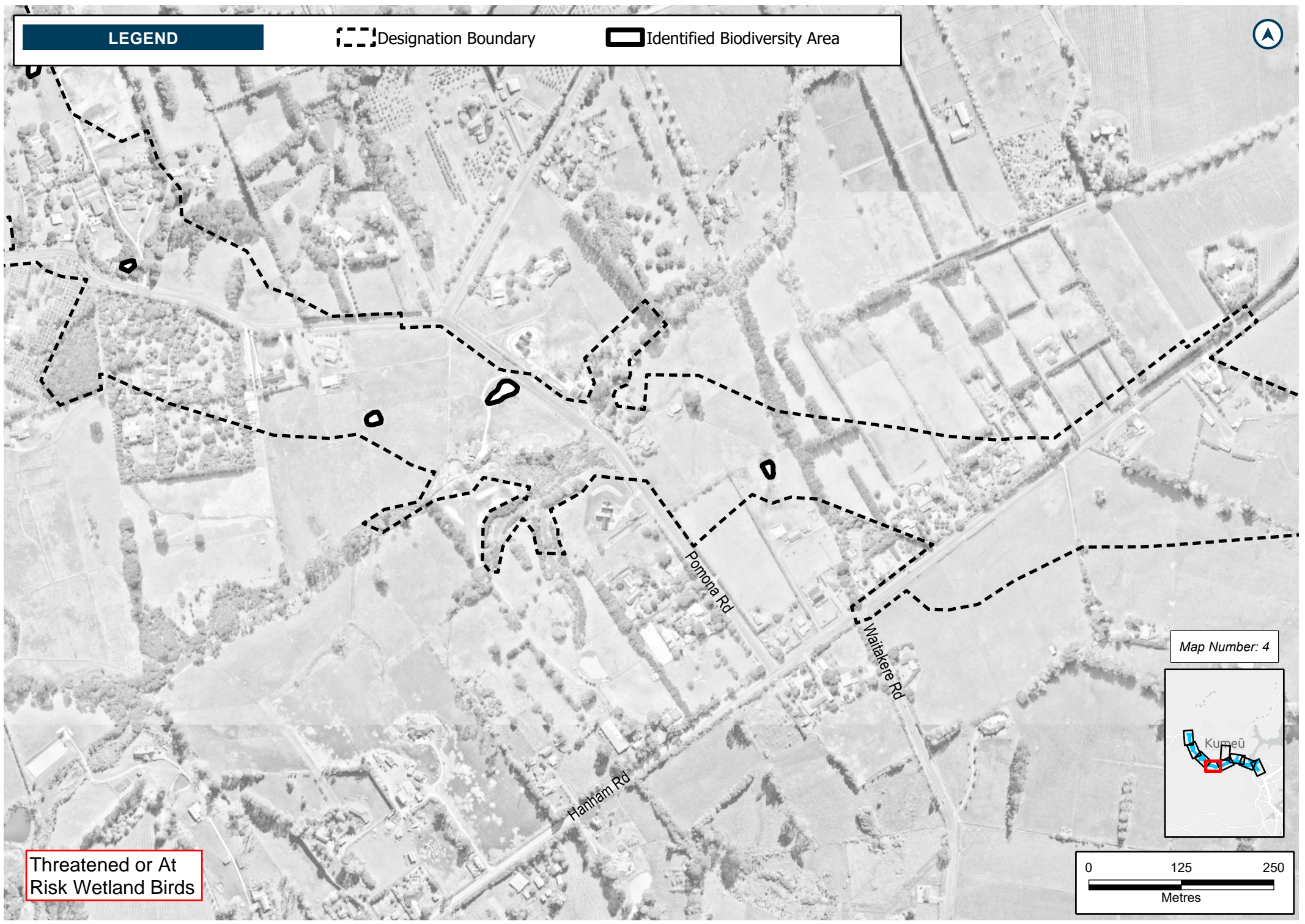


**LEGEND**

 Designation Boundary

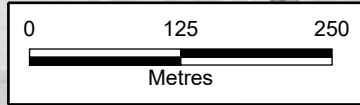
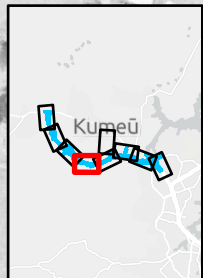
 Identified Biodiversity Area

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Threatened or At Risk Wetland Birds

Map Number: 4





# LEGEND

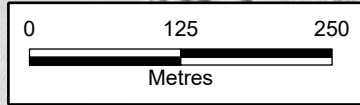
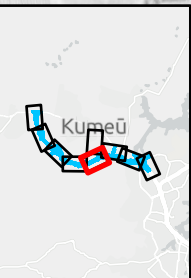
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Threatened or At Risk Wetland Birds

Map Number: 5

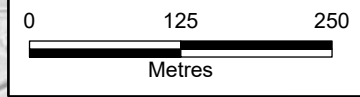
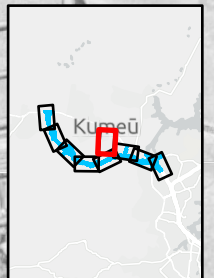


**LEGEND**

 Designation Boundary



Map Number: 6




**Threatened or At Risk Wetland Birds**

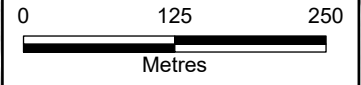


Threatened or At Risk Wetland Birds

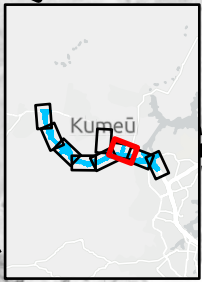
**LEGEND**

 Designation Boundary


 Identified Biodiversity Area




Map Number: 7



**LEGEND**

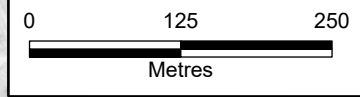
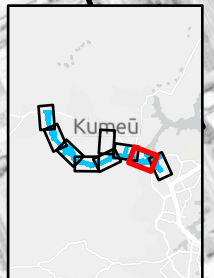
 Designation Boundary

 Identified Biodiversity Area




Threatened or At Risk Wetland Birds


Map Number: 8





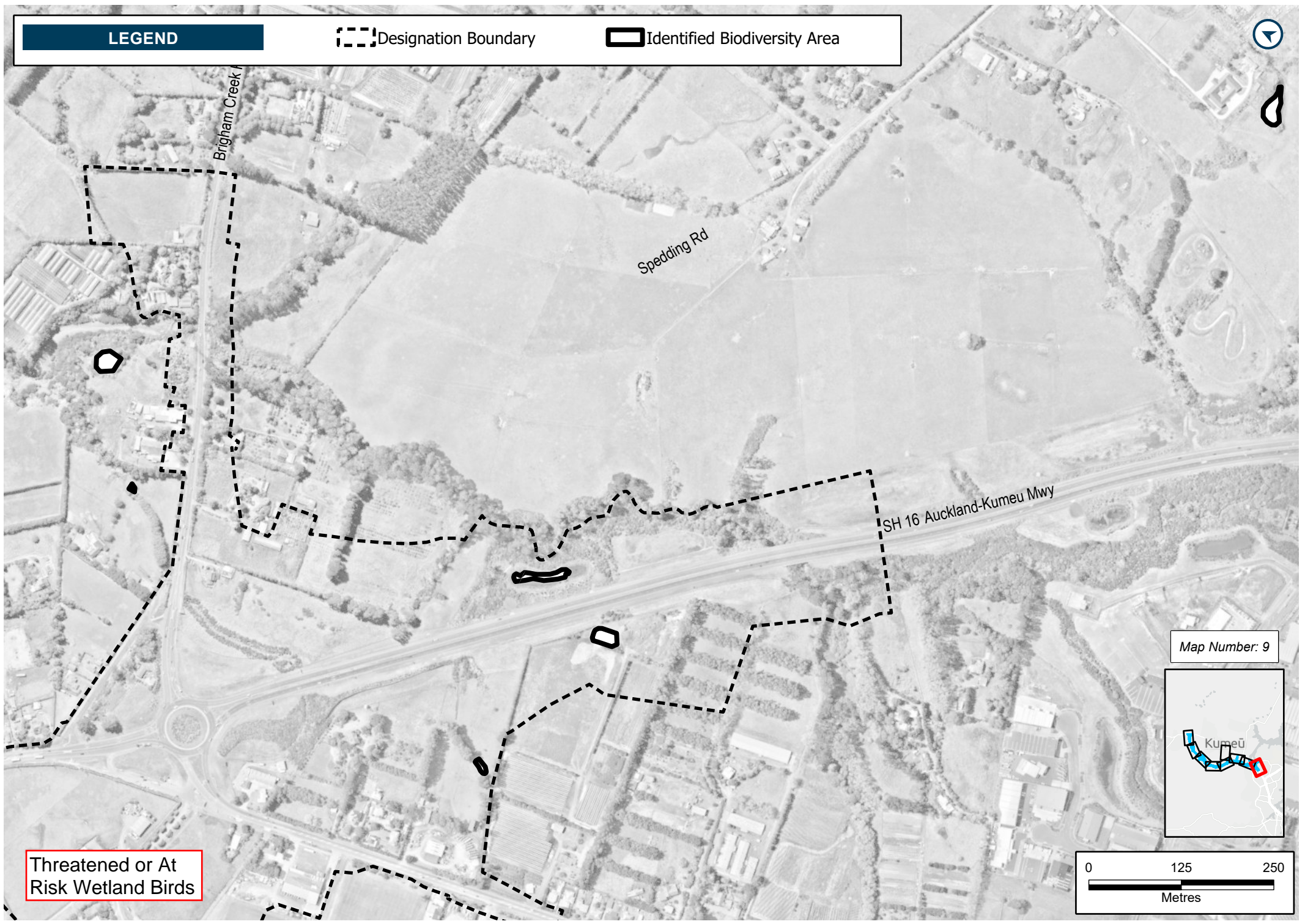
**LEGEND**

 Designation Boundary

 Identified Biodiversity Area

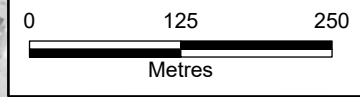
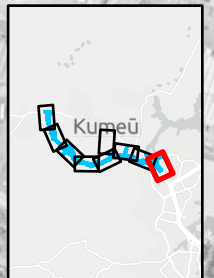


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**Threatened or At Risk Wetland Birds**

Map Number: 9



**Schedule 3: Table 10 of the 2018 EIANZ Guidelines**

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

Ecological Value →	Very high	High	Moderate	Low	Negligible
Magnitude ↓					
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 4: Identified PPFs Noise Criteria Categories**

<b>Address</b>	<b>New or Altered Road</b>	<b>Noise Criteria Category</b>
2 Brigham Creek Road, Whenuapai, Auckland	Altered Road	A
4 Brigham Creek Road, Whenuapai, Auckland	Altered Road	A
6 Brigham Creek Road, Whenuapai, Auckland	Altered Road	A
15 Brigham Creek Road, Whenuapai, Auckland (2)	Altered Road	A
15 Brigham Creek Road, Whenuapai, Auckland (1)	Altered Road	A
23-27 Brigham Creek Road, Whenuapai, Auckland	Altered Road	A
107 Fred Taylor Drive, Whenuapai, Auckland	Altered Road	A
121 Fred Taylor Drive, Whenuapai, Auckland	Altered Road	A
125 Fred Taylor Drive, Whenuapai, Auckland	Altered Road	A
127 Fred Taylor Drive, Whenuapai, Auckland	Altered Road	A
129 Fred Taylor Drive, Whenuapai, Auckland	Altered Road	A
131 Fred Taylor Drive, Whenuapai, Auckland	Altered Road	A
133 Fred Taylor Drive, Whenuapai, Auckland	Altered Road	A
135 Fred Taylor Drive, Whenuapai, Auckland	Altered Road	A
137 Fred Taylor Drive, Whenuapai, Auckland	Altered Road	A
139 Fred Taylor Drive, Whenuapai, Auckland	Altered Road	A
141 Fred Taylor Drive, Whenuapai, Auckland	Altered Road	A
143 Fred Taylor Drive, Whenuapai, Auckland	Altered Road	A
172 Fred Taylor Drive, Whenuapai, Auckland	Altered Road	A
1 Kennedys Road, Whenuapai, Auckland	Altered Road	A
3 Kennedys Road, Whenuapai, Auckland	Altered Road	A
5 Kennedys Road, Whenuapai, Auckland	Altered Road	A
9 Kennedys Road, Whenuapai, Auckland	Altered Road	A
11 Kennedys Road, Whenuapai, Auckland	Altered Road	A
13 Kennedys Road, Whenuapai, Auckland	Altered Road	A
15 Kennedys Road, Whenuapai, Auckland	Altered Road	A
17 Kennedys Road, Whenuapai, Auckland	Altered Road	A
19 Kennedys Road, Whenuapai, Auckland	Altered Road	A
2-6 Kennedys Road, Whenuapai, Auckland	Altered Road	A
17A Kennedys Road, Whenuapai, Auckland	Altered Road	A

<b>Address</b>	<b>New or Altered Road</b>	<b>Noise Criteria Category</b>
392 Matua Road, Kumeū	Altered Road	A
402 Matua Road, Kumeū	Altered Road	A
392B Matua Road, Kumeū	Altered Road	A
150 Motu Road, Kumeū	Altered Road	A
158 Motu Road, Kumeū	Altered Road	A
164 Motu Road, Kumeū	Altered Road	A
171 State Highway 16, Whenuapai, Auckland	Altered Road	A
173 State Highway 16, Whenuapai, Auckland	Altered Road	A
175 State Highway 16, Whenuapai, Auckland	Altered Road	A
177 State Highway 16, Whenuapai, Auckland	Altered Road	A
179 State Highway 16, Whenuapai, Auckland	Altered Road	A
181 State Highway 16, Whenuapai, Auckland	Altered Road	A
218 State Highway 16, Whenuapai, Auckland	Altered Road	A
222 State Highway 16, Whenuapai, Auckland	Altered Road	A
677 State Highway 16, Kumeū	Altered Road	A
693 State Highway 16, Kumeū	Altered Road	A
695 State Highway 16, Kumeū	Altered Road	A
726 State Highway 16, Kumeū (2)	Altered Road	A
726 State Highway 16, Kumeū (1)	Altered Road	A
728 State Highway 16, Kumeū	Altered Road	A
761 State Highway 16, Kumeū (2)	Altered Road	A
761 State Highway 16, Kumeū (1)	Altered Road	A
763 State Highway 16, Kumeū	Altered Road	A
59 Tawa Road, Kumeū	Altered Road	A
63 Tawa Road, Kumeū	Altered Road	A
66 Tawa Road, Kumeū	Altered Road	A
73 Tawa Road, Kumeū	Altered Road	A
76 Tawa Road, Kumeū	Altered Road	A
79 Tawa Road, Kumeū	Altered Road	A
83 Tawa Road, Kumeū (2)	Altered Road	A

<b>Address</b>	<b>New or Altered Road</b>	<b>Noise Criteria Category</b>
83 Tawa Road, Kumeū (1)	Altered Road	A
86 Tawa Road, Kumeū (2)	Altered Road	A
86 Tawa Road, Kumeū (1)	Altered Road	A
186 Boord Crescent, Kumeū	New Road	B
4 Dysart Lane, Kumeū	New Road	A
81 Foster Road, Kumeū	New Road	A
116 Foster Road, Kumeū	New Road	A
131 Foster Road, Kumeū	New Road	A
196 Fred Taylor Drive, Whenuapai, Auckland	New Road	A
198 Fred Taylor Drive, Whenuapai, Auckland	New Road	A
208 Fred Taylor Drive, Whenuapai, Auckland	New Road	A
210 Fred Taylor Drive, Whenuapai, Auckland	New Road	A
2 Hanham Road, Kumeū	New Road	A
6 Hanham Road, Kumeū	New Road	A
8 Hanham Road, Kumeū	New Road	A
9 Hanham Road, Kumeū	New Road	A
14 Joseph Dunstan Drive, Taupaki	New Road	A
28 Pomona Road, Kumeū	New Road	B
48 Pomona Road, Kumeū	New Road	A
66 Pomona Road, Kumeū	New Road	B
90 Pomona Road, Kumeū	New Road	B
94 Pomona Road, Kumeū	New Road	A
95 Pomona Road, Kumeū	New Road	B
96 Pomona Road, Kumeū	New Road	B
114 Pomona Road, Kumeū	New Road	A
123 Pomona Road, Kumeū (2)	New Road	B
123 Pomona Road, Kumeū (1)	New Road	A
151 Pomona Road, Kumeū	New Road	A
191 Pomona Road, Kumeū	New Road	B
194 Pomona Road, Kumeū	New Road	B

<b>Address</b>	<b>New or Altered Road</b>	<b>Noise Criteria Category</b>
212 Pomona Road, Kumeū	New Road	A
214 Pomona Road, Kumeū	New Road	A
218 Pomona Road, Kumeū	New Road	A
18 Puke Road, Kumeū	New Road	A
21 Puke Road, Kumeū	New Road	A
22 Puke Road, Kumeū	New Road	A
27 Puke Road, Kumeū	New Road	A
37 Puke Road, Kumeū	New Road	A
80 Puke Road, Kumeū	New Road	A
104 Puke Road, Kumeū	New Road	A
107 Puke Road, Kumeū	New Road	A
133 Puke Road, Kumeū	New Road	A
139 Puke Road, Kumeū (2)	New Road	B
139 Puke Road, Kumeū (1)	New Road	A
145 Puke Road, Kumeū	New Road	A
151 Puke Road, Kumeū	New Road	A
157 Puke Road, Kumeū	New Road	B
284 State Highway 16, Kumeū	New Road	A
362 Taupaki Road, Taupaki	New Road	A
364 Taupaki Road, Taupaki	New Road	A
367 Taupaki Road, Taupaki	New Road	A
370 Taupaki Road, Taupaki	New Road	A
374 Taupaki Road, Taupaki	New Road	B
375 Taupaki Road, Taupaki	New Road	A
377 Taupaki Road, Taupaki	New Road	B
405 Taupaki Road, Kumeū	New Road	A
137 Tawa Road, Kumeū	New Road	B
141 Tawa Road, Kumeū	New Road	B
145 Tawa Road, Kumeū	New Road	A
148 Tawa Road, Kumeū	New Road	A

Address	New or Altered Road	Noise Criteria Category
154 Tawa Road, Kumeū	New Road	A
155 Tawa Road, Kumeū	New Road	A
176 Tawa Road, Kumeū	New Road	A
227 Trigg Road, Kumeū (2)	New Road	A
227 Trigg Road, Kumeū (1)	New Road	A
609 Waitakere Road, Kumeū	New Road	A
637 Waitakere Road, Kumeū	New Road	A
646 Waitakere Road, Kumeū (2)	New Road	B
646 Waitakere Road, Kumeū (1)	New Road	B
670 Waitakere Road, Kumeū	New Road	B
679 Waitakere Road, Kumeū	New Road	B
682 Waitakere Road, Kumeū	New Road	A
710 Waitakere Road, Kumeū	New Road	A
723 Waitakere Road, Kumeū	New Road	A

**Appendix B – NZTA Modifications to NoR S2 conditions (clean)**



**[# Council to allocate #] – SH16 Main Road**

Designation Number	6766
Requiring Authority	New Zealand Transport Agency
Location	State Highway 16 from Brigham Creek, Hobsonville to State Highway 1, Wellsford
Rollover designation	Yes
Legacy Reference	Designation 405, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

## Purpose

State Highway 16.

## 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 Council that the material change to the management plan is certified; or (b) ten 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

Educational facility	Facility used for education to secondary level Includes: <ul style="list-style-type: none"> <li>schools and outdoor education facilities; and</li> <li>accommodation, administrative, cultural, religious, health, retail and communal facilities accessory to the above</li> </ul> Excludes: <ul style="list-style-type: none"> <li>care centres; and</li> <li>tertiary education facilities</li> </ul>
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: <ul style="list-style-type: none"> <li>Te Kawerau ā Maki</li> <li>Ngāti Whātua o Kaipara</li> <li>Te Ākitai Waiohū</li> </ul>
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 West growth area	Constitutes the Future Urban Zone, or live zoned urban land in Kumeū, Huapai, Redhills, Redhills North, Riverhead and Whenuapai
NUMP	Network Utilities Management Plan
Outline Plan	An outline plan prepared in accordance with section 176A of the RMA
OSMP	Open Space Management Plan
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: Acoustics – Road-traffic noise – New and altered roads

Requiring Authority	Has the same meaning as section 166 of the RMA and, for this Designation is New Zealand Transport Agency
RMA	Resource Management Act 1991
SCEMP	Stakeholder Communication and Engagement Management Plan
Stakeholder	Stakeholders to be identified in accordance with Condition 3, 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) educational 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

No.	Condition
<b>General conditions</b>	
	Conditions 1– 30 of this designation shall only apply to the work described in the Project Description and the altered area identified in the Concept Plan in Schedule 1.
1.	<p><b>Activity in General Accordance with Plans and Information</b></p> <p>(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</p> <p>(b) Where there is inconsistency between:</p> <ul style="list-style-type: none"> <li>(i) the Project description and concept plan in Schedule 1 and the requirements of the following conditions, the conditions shall prevail;</li> <li>(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.</li> </ul>
2.	<p><b>Project Information</b></p> <p>(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.</p> <p>(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:</p> <ul style="list-style-type: none"> <li>(i) the status of the Project;</li> <li>(ii) anticipated construction timeframes;</li> <li>(iii) contact details for enquiries;</li> <li>(iv) the implications of the designation for landowners, occupiers and business owners and operators within the designation on how / where they can receive additional support following confirmation of the designation;</li> <li>(v) a subscription service to enable receipt of project updates by email;</li> <li>(vi) when and how to apply for consent for works in the designation under section 176(1)(b) of the RMA; and</li> <li>(vii) how/where to access noise modelling contours to inform development adjacent to the designation.</li> </ul> <p>(c) 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.</p>
3.	<p><b>Stakeholder Communication and Engagement</b></p> <p>(a) At least six months prior to the start of detailed design for a Stage of Work, the Requiring Authority shall identify:</p> <ul style="list-style-type: none"> <li>(i) a list of Stakeholders;</li> <li>(ii) a list of properties within the designation which the Requiring Authority does not own or have occupation rights to; and</li> <li>(iii) methods to engage with Stakeholders and the owners and occupiers of properties identified in 3(a)(i) –(ii) above.</li> </ul> <p>(b) A record of (a) shall be submitted with an Outline Plan for the relevant Stage of Work.</p>
4.	<p><b>Designation Review</b></p> <p>As soon as reasonably practicable following Completion of Construction, the Requiring Authority shall:</p> <ul style="list-style-type: none"> <li>(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</li> <li>(ii) give notice to Auckland Council in accordance with section 182 of the RMA for the removal of those parts of the designation identified above.</li> </ul>

No.	Condition
5.	<p><b>Network Utility Operators and Auckland Council (Section 176 Approval)</b></p> <p>(a) Prior to the start of Construction Works, Network Utility Operators with existing infrastructure and Auckland Council in relation to parks will not require written consent under section 176 of the RMA for the following activities:</p> <ul style="list-style-type: none"> <li>(i) operation, maintenance and repair works;</li> <li>(ii) minor renewal works to existing network utilities or parks necessary for the on-going provision or security of supply of network utility operations or parks operations;</li> <li>(iii) minor works such as new service connections; and</li> <li>(iv) the upgrade and replacement of existing network utilities in the same location with the same or similar effects on the work authorised by the designation as the existing utility.</li> </ul> <p>(b) To the extent that a record of written approval is required for the activities listed above, this condition shall constitute written approval.</p>
<b>Pre-construction conditions</b>	
6.	<p><b>Outline Plan</b></p> <p>(a) An Outline Plan (or Plans) shall be prepared in accordance with section 176A of the RMA.</p> <p>(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.</p> <p>(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:</p> <ul style="list-style-type: none"> <li>(i) Construction Environmental Management Plan;</li> <li>(ii) Construction Traffic Management Plan;</li> <li>(iii) Construction Noise and Vibration Management Plan;</li> <li>(iv) Network Integration Management Plan;</li> <li>(v) Open Space Management Plan</li> <li>(vi) Urban and Landscape Design Management Plan;</li> <li>(vii) Historic Heritage Management Plan;</li> <li>(viii) Ecological Management Plan;</li> <li>(ix) Tree Management Plan; and</li> <li>(x) Network Utilities Management Plan.</li> </ul>
7.	<p><b>Network Utilities Integration</b></p> <p>The Requiring Authority shall consult with Network Utility Operators during the detailed design phase to consider opportunities to enable, or not preclude, the development of new network utility facilities including access to power and ducting within the Project, where practicable to do so. The consultation undertaken, opportunities considered, and whether or not they have been incorporated into the detailed design, shall be summarised in the Outline Plan(s) prepared for the Project.</p>

No.	Condition
	<p><b>Flood Hazard</b></p> <p>For the purpose of Condition 8</p> <ul style="list-style-type: none"> <li>(a) AEP – means Annual Exceedance Probability;</li> <li>(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;</li> <li>(c) Flood prone area – means potential ponding areas that may flood and commonly comprise of topographical depression areas. The areas can occur naturally or as a result of constructed features;</li> <li>(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;</li> <li>(e) Pre-Project development – means existing site condition prior to the Project (including existing buildings and roadways); and</li> <li>(f) Post-Project development – means site condition after the Project has been completed (including existing and new buildings and roadways).</li> </ul>
<p><b>8.</b></p>	<p><b>Flood Hazard</b></p> <ul style="list-style-type: none"> <li>(a) The Project shall be designed to achieve the following flood risk outcomes: <ul style="list-style-type: none"> <li>(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;</li> <li>(ii) no increase in flood levels in a 1% AEP event for existing authorised community, commercial, industrial and network utility building floors that are already subject to flooding or have a freeboard less than 300mm;</li> <li>(iii) maximum of 50mm increase in water level in a 1% AEP event outside and adjacent to the designation boundaries between the pre and post Project scenarios; and</li> <li>(iv) no increase of Flood Hazard for the main access to authorised habitable dwellings existing at time the Outline Plan is submitted. The assessment shall be undertaken for the 1% AEP rainfall event.</li> <li>(v) Where Flood Hazard is: <ul style="list-style-type: none"> <li>A. velocity x depth greater than or equal to 0.6; or</li> <li>B. depth greater than 0.5m; or</li> <li>C. velocity greater than 2m/s.</li> </ul> </li> </ul> </li> <li>(b) Compliance with this condition shall be demonstrated in the Outline Plan, which shall include flood modelling of the pre-Project and post-Project 1% AEP flood levels (for Maximum Probable Development land use with allowances for climate change).</li> <li>(c) Where the above outcomes 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 varied through agreement with the relevant landowner, confirmation shall be provided that any necessary landowner and statutory approvals have been obtained for that work or alternative outcome.</li> </ul>
<p><b>9.</b></p>	<p><b>Existing property access</b></p> <p>Prior to submission of the Outline Plan, consultation shall be undertaken with landowners and occupiers whose vehicle access to their property from roads that are not a state highway will be altered by the project. The Outline Plan shall demonstrate how safe reconfigured or alternate access will be provided, unless otherwise addressed with the affected landowner.</p>

No.	Condition
10.	<p data-bbox="280 237 528 273"><b>Management Plans</b></p> <p data-bbox="280 277 1394 1086">           (a) Any management plan shall:           <ul style="list-style-type: none"> <li data-bbox="357 304 1394 367">(i) be prepared and implemented in accordance with the relevant management plan condition;</li> <li data-bbox="357 371 986 407">(ii) be prepared by a Suitably Qualified Person(s);</li> <li data-bbox="357 412 1394 465">(iii) include sufficient detail relating to the management of effects associated with the relevant activities and/or Stage of Work to which it relates;</li> <li data-bbox="357 470 1394 613">(iv) summarise comments received from Mana Whenua and stakeholders as required by the relevant management plan condition, along with a summary of where comments have:               <ul style="list-style-type: none"> <li data-bbox="434 551 788 586">A. been incorporated; and</li> <li data-bbox="434 591 1002 627">B. where not incorporated, the reasons why.</li> </ul> </li> <li data-bbox="357 631 1394 685">(v) be submitted as part of an Outline Plan pursuant to section 176A of the RMA, with the exception of SCEMPs and CNVMP Schedules;</li> <li data-bbox="357 689 1394 743">(vi) once finalised, uploaded to the Project website or equivalent virtual information source.</li> </ul> </p> <p data-bbox="280 748 1394 918">           (b) Any management plan developed in accordance with Condition 10 may:           <ul style="list-style-type: none"> <li data-bbox="357 775 1394 864">(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;</li> <li data-bbox="357 869 1394 918">(ii) except for material changes, be amended to reflect any changes in design, construction methods or management of effects without further process;</li> </ul> </p> <p data-bbox="280 922 1394 1034">           (c) 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 Council as an update to the Outline Plan or for Certification as soon as practicable following identification of the need for a revision;</p> <p data-bbox="280 1039 1394 1086">           (d) Any material changes to the SCEMP(s) are to be submitted to the Council for information.</p>

No.	Condition
11.	<p data-bbox="284 237 1394 271"><b>Stakeholder Communication and Engagement Management Plan (SCEMP)</b></p> <p data-bbox="284 275 1394 360">(a) A SCEMP shall be prepared in consultation with 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.</p> <p data-bbox="284 365 1394 398">(b) To achieve the objective, the SCEMP shall include:</p> <ul style="list-style-type: none"> <li data-bbox="355 403 1394 436">(i) a list of Stakeholders;</li> <li data-bbox="355 441 1394 495">(ii) a list of properties within the designation which the Requiring Authority does not own or have occupation rights to;</li> <li data-bbox="355 499 1394 553">(iii) methods to engage with Stakeholders and the owners of properties identified in 11(b)(ii) above;</li> <li data-bbox="355 557 1394 651">(iv) 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);</li> <li data-bbox="355 656 1394 710">(v) methods for engaging with Mana Whenua, to be developed in consultation with Mana Whenua;</li> <li data-bbox="355 714 1394 857">(vi) methods to manage the potential loss of visibility from public spaces, and severance to businesses in the Business - Town Centre Zones, informed by engagement undertaken in accordance with condition 11(b)(i) and (ii). These methods could include (but not be limited to) customer access arrangements, temporary wayfinding and signage;</li> <li data-bbox="355 862 1394 916">(vii) methods and timing to engage with owners and occupiers whose access is directly affected;</li> <li data-bbox="355 920 1394 1037">(viii) 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 11(b)(i) and(ii) above; and</li> <li data-bbox="355 1041 1394 1104">(ix) linkages and cross-references to communication and engagement methods set out in other conditions and management plans where relevant.</li> </ul> <p data-bbox="284 1108 1394 1182">(c) Any SCEMP prepared for a Stage of Work shall be submitted to Council for information a minimum of ten working days prior to the Start of Construction for a Stage of Work.</p>
12.	<p data-bbox="284 1193 1394 1227"><b>Network Integration Management Plan (NIMP)</b></p> <p data-bbox="284 1232 1394 1317">(a) At least six (6) 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 Network Integration Management Plan (NIMP).</p> <p data-bbox="284 1321 1394 1438">(b) The objective of the NIMP is to identify how the Project will integrate with the planned transport network in the North West growth area to achieve an effective, efficient and safe land transport system. To achieve this objective, the NIMP shall include details of the:</p> <ul style="list-style-type: none"> <li data-bbox="355 1442 1394 1496">(i) Project implementation approach and any staging of the Project, including design, management and operational matters; and</li> <li data-bbox="355 1500 1394 1554">(ii) Sequencing of the Project with the planned transport network, including design, management and operational matters.</li> </ul>



No.	Condition
13.	<p><b>Cultural Advisory Report</b></p> <p>(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.</p> <p>(b) To achieve the objective, the Requiring Authority shall invite Mana Whenua to prepare a Cultural Advisory Report that:</p> <ul style="list-style-type: none"> <li>(i) identifies the cultural sites, landscapes and values that have the potential to be affected by the construction and operation of the Project;</li> <li>(ii) sets out the desired outcomes for management of potential effects on cultural sites, landscapes and values;</li> <li>(iii) identifies traditional cultural practices within the area that may be impacted by the Project;</li> <li>(iv) identifies opportunities for restoration and enhancement of identified cultural sites, landscapes and values within the Project area;</li> <li>(v) taking into account the outcomes of 13(b)(i) to (iv) above, identify cultural matters and principles that should be considered in the development of the ULDMP and HHMP, and the CMP referred to in Condition 20;</li> <li>(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.</li> </ul> <p>(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;</p> <p>(d) Conditions 13(b) and (c) will cease to apply if:</p> <ul style="list-style-type: none"> <li>(i) Mana Whenua have been invited to prepare a Cultural Advisory Report by a date at least six months prior to start of Construction Works; and</li> <li>(ii) Mana Whenua have not provided a Cultural Advisory Report within six months prior to start of Construction Works.</li> </ul>
14.	<p><b>Open Space Management Plan (OSMP)</b></p> <p>(a) An OSMP shall be prepared for Huapai Recreation Reserve prior to the Start of Construction for a Stage of Work that will impact on the Huapai Recreation Reserve.</p> <p>(b) Auckland Council Parks shall be invited to participate in the development of the OSMP at least eighteen (18) months prior to the start of detailed design for a Stage of Work that will impact on the Huapai Recreation Reserve.</p> <p>(c) The objective of the OSMP is to minimise, as far as practicable, adverse effects on the recreation amenity of the Huapai Recreation Reserve resulting from the Project. To achieve the objective, the OSMP shall include details of:</p> <ul style="list-style-type: none"> <li>(i) how ongoing access (including walking and cycling) to the Huapai Recreation Reserve during construction will be maintained in accordance with the Construction Traffic Management Plan (Condition 21);</li> <li>(ii) opportunities to coordinate the forward work programme for the Huapai Recreation Reserve, where appropriate, with Auckland Council Parks;</li> <li>(iii) measures to reasonably maintain the existing service level of the affected park, including any temporary or permanent reconfiguration or replacement of park facilities; and</li> <li>(iv) how matters raised by Auckland Council Parks and relevant stakeholders have been incorporated into the OSMP, and where matters have not been incorporated, the reasons why not.</li> </ul>
	<p><b>Urban and Landscape Design Management Plan (ULDMP)</b></p>

No.	Condition
15.	<p>(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:</p> <ul style="list-style-type: none"> <li>(i) enable integration of the Project's permanent works into the surrounding landscape and urban context; and</li> <li>(ii) ensure that the Project manages potential adverse landscape and visual effects as far as practicable and contributes to a quality urban environment.</li> </ul> <p>(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 Condition 13 may be reflected in the ULDMP.</p> <p>(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</p>
16.	<p>(a) To achieve the objective set out in Condition 15, the ULDMP(s) shall provide details of how the project:</p> <ul style="list-style-type: none"> <li>(i) is designed to integrate with the adjacent urban (or proposed urban) and landscape context, including the surrounding existing or proposed topography, urban environment (i.e. centres and density of built form), natural environment, landscape character and open space zones (including Huapai Recreation Reserve);</li> <li>(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;</li> <li>(iii) promotes inclusive access (where appropriate);</li> <li>(iv) promotes a sense of personal safety by aligning with best practice guidelines, such as: <ul style="list-style-type: none"> <li>A. Crime Prevention Through Environmental Design (CPTED) principles;</li> <li>B. Safety in Design (SID) requirements; and</li> <li>C. Maintenance in Design (MID) requirements and anti-vandalism/anti-graffiti measures; and</li> </ul> </li> <li>(v) Interfaces with the operational areas of commercial premises within business zoned land, including loading areas, internal circulation and car parking, where practicable.</li> </ul> <p>(b) The ULDMP shall be prepared in general accordance with:</p> <ul style="list-style-type: none"> <li>(i) Waka Kotahi Urban Design Guidelines: Bridging the Gap (2013) or any subsequent updated version;</li> <li>(ii) NZTA Landscape Guidelines (2018) or any subsequent updated version; and</li> <li>(iii) Waka Kotahi P39 Standard Specification for Highway Landscape Treatments (2013) or any subsequent updated version.</li> </ul>

No.	Condition
17.	<p>The ULDMP(s) shall include:</p> <ul style="list-style-type: none"> <li>(a) a concept plan – which depicts the overall landscape and urban design concept, and explain the rationale for the landscape and urban design proposals;</li> <li>(b) developed design concepts, including principles for walking and cycling facilities and public transport; and</li> <li>(c) landscape and urban design details – that cover the following: <ul style="list-style-type: none"> <li>(i) road design – elements such as intersection form, carriageway gradient and associated earthworks contouring including cut and fill batters, shaped to a natural profile where practicable and appropriate to the surrounding context, 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;</li> <li>(ii) roadside elements – such as lighting, fencing, wayfinding and signage;</li> <li>(iii) architectural and landscape treatment of all major structures, including bridges and retaining walls;</li> <li>(iv) architectural and landscape treatment of noise barriers;</li> <li>(v) landscape treatment and planting of permanent stormwater control wetlands and swales;</li> <li>(vi) integration of passenger transport;</li> <li>(vii) pedestrian and cycle facilities including paths, road crossings and dedicated pedestrian/ cycle bridges or underpasses;</li> <li>(viii) historic heritage places with reference to the HHMP (Condition 26); and</li> <li>(ix) re-instatement of construction and site compound areas; and</li> <li>(x) re-instatement of features to be retained such as: <ul style="list-style-type: none"> <li>A. boundary features;</li> <li>B. landscaping;</li> <li>C. driveways;</li> <li>D. accessways; and</li> <li>E. fences.</li> </ul> </li> </ul> </li> <li>(d) The ULDMP shall also include the following planting details and maintenance requirements: <ul style="list-style-type: none"> <li>(i) planting design details including: <ul style="list-style-type: none"> <li>A. identification of existing trees and vegetation that will be retained with reference to the TMP and Ecological Management Plan. Where practicable, mature trees and native vegetation should be retained;</li> <li>B. street trees, shrubs and ground cover suitable for the location;</li> <li>C. treatment of fill slopes to integrate with adjacent land use, streams, Riparian margins and open space zones;</li> <li>D. identification of any planting requirements under the Ecological Management Plan (Conditions 28) and TMP (Condition 29); and</li> <li>E. integration of any planting requirements required by conditions of any resource consents for the project;</li> </ul> </li> <li>(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 works in each Stage of Work; and</li> <li>(iii) detailed specifications relating to the following: <ul style="list-style-type: none"> <li>A. weed control and clearance;</li> <li>B. pest animal management (to support plant establishment);</li> <li>C. ground preparation (top soiling and decompaction);</li> <li>D. mulching; and</li> <li>E. plant sourcing and planting, including hydroseeding and grassing, and use of eco-sourced species</li> </ul> </li> </ul> </li> </ul>
<b>Specific Outline Plan requirements</b>	
<b>Construction conditions</b>	

No.	Condition
18.	<p data-bbox="284 237 983 271"><b>Construction Environmental Management Plan (CEMP)</b></p> <p data-bbox="284 275 1366 394">(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.</p> <p data-bbox="284 398 948 432">(b) To achieve the objective, the CEMP shall include:</p> <ul style="list-style-type: none"> <li data-bbox="355 436 1059 465">(i) the roles and responsibilities of staff and contractors;</li> <li data-bbox="355 470 1362 521">(ii) details of the site or project manager and the Project Liaison Person, including their contact details (phone and email address);</li> <li data-bbox="355 526 1286 577">(iii) the Construction Works programmes and the staging approach, and the proposed hours of work;</li> <li data-bbox="355 582 1366 633">(iv) details of the proposed construction yards including temporary screening when adjacent to residential zones;</li> <li data-bbox="355 638 956 667">(v) details of the proposed construction lighting;</li> <li data-bbox="355 672 1286 723">(vi) methods for controlling dust and the removal of debris and demolition of construction materials from public roads or places;</li> <li data-bbox="355 728 1241 757">(vii) methods for providing for the health and safety of the general public;</li> <li data-bbox="355 761 1382 853">(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;</li> <li data-bbox="355 857 876 887">(ix) procedures for incident management;</li> <li data-bbox="355 891 1278 943">(x) location and procedures for the refuelling and maintenance of plant and equipment to avoid discharges of fuels or lubricants to watercourses;</li> <li data-bbox="355 947 1374 1039">(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;</li> <li data-bbox="355 1043 1362 1095">(xii) summary of measures included to respond to matters raised in engagement, if not already covered above;</li> <li data-bbox="355 1099 1286 1128">(xiii) procedures for responding to complaints about Construction Works; and</li> <li data-bbox="355 1133 1142 1162">(xiv) methods for amending and updating the CEMP as required.</li> </ul>
19.	<p data-bbox="284 1167 544 1200"><b>Complaints Register</b></p> <p data-bbox="284 1205 1366 1256">(a) At all times during Construction Works, a record of any complaints received about the Construction Works shall be maintained. The record shall include:</p> <ul style="list-style-type: none"> <li data-bbox="355 1261 935 1290">(i) the date, time and nature of the complaint;</li> <li data-bbox="355 1294 1254 1346">(ii) the name, phone number and address of the complainant (unless the complainant wishes to remain anonymous);</li> <li data-bbox="355 1350 1374 1413">(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;</li> <li data-bbox="355 1417 1086 1447">(iv) the outcome of the investigation into the complaint; and</li> <li data-bbox="355 1451 1310 1543">(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.</li> </ul> <p data-bbox="284 1547 1358 1599">(b) A copy of the Complaints Register required by this condition shall be made available to the Manager upon request as soon as practicable after the request is made.</p>

No.	Condition
20.	<p data-bbox="280 235 683 271"><b>Cultural Monitoring Plan (CMP)</b></p> <p data-bbox="280 275 1378 400">(a) Prior to the start of Construction Works, 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.</p> <p data-bbox="280 405 932 441">(b) To achieve the objective, the CMP shall include:</p> <ul style="list-style-type: none"> <li data-bbox="357 445 1366 526">(i) Requirements for formal dedication or cultural interpretation to be undertaken prior to start of Construction Works in areas identified as having significance to Mana Whenua;</li> <li data-bbox="357 530 1262 589">(ii) Requirements and protocols for cultural inductions for contractors and subcontractors;</li> <li data-bbox="357 593 1362 651">(iii) Identification of activities, sites and areas where cultural monitoring is required during particular Construction Works;</li> <li data-bbox="357 656 1294 714">(iv) Identification of personnel to undertake cultural monitoring, including any geographic definition of their responsibilities; and</li> <li data-bbox="357 719 1378 799">(v) Details of personnel to assist with management of any cultural effects identified during cultural monitoring, including implementation of the Accidental Discovery Protocol</li> </ul> <p data-bbox="280 804 1326 965">(c) If Enabling Works involving soil disturbance are undertaken prior to the start of Construction Works, 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.</p> <p data-bbox="280 1005 443 1041"><b>Advice note:</b></p> <p data-bbox="280 1046 1315 1126">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.</p>

No.	Condition
21.	<p data-bbox="282 237 874 273"><b>Construction Traffic Management Plan (CTMP)</b></p> <p data-bbox="282 277 1362 360">(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.</p> <p data-bbox="282 365 951 400">(b) To achieve this objective, the CTMP shall include:</p> <ul style="list-style-type: none"> <li data-bbox="357 405 1347 456">(i) methods to manage the effects of temporary traffic management activities on traffic;</li> <li data-bbox="357 461 1051 497">(ii) measures to ensure the safety of all transport users;</li> <li data-bbox="357 501 1382 667">(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 educational facilities or to manage traffic congestion;</li> <li data-bbox="357 672 1382 754">(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;</li> <li data-bbox="357 759 1289 842">(v) identification of detour routes and other methods to ensure the safe management and maintenance of traffic flows, including public transport services, pedestrians and cyclists;</li> <li data-bbox="357 846 1374 913">(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. Engagement with landowners or occupiers whose access is directly affected shall be undertaken in accordance with the SCEMP;</li> <li data-bbox="357 918 1378 1001">(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;</li> <li data-bbox="357 1005 1374 1088">(viii) methods that will be undertaken to communicate traffic management measures to affected road users (e.g. residents / public / stakeholders / emergency services);</li> <li data-bbox="357 1093 1337 1176">(ix) details of minimum network performance parameters during the construction phase, including any measures to monitor compliance with the performance parameters; and</li> <li data-bbox="357 1180 1374 1247">(x) details of any measures proposed to be implemented in the event of thresholds identified in 21(b)(ix) being exceeded.</li> </ul> <p data-bbox="282 1252 1289 1341">(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.</p>

No.	Condition																																																										
22.	<p data-bbox="280 235 670 266"><b>Construction Noise Standards</b></p> <p data-bbox="280 275 1299 369">(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:</p> <p data-bbox="280 405 756 436"><b>Table 22-1 Construction Noise Standards</b></p> <table border="1" data-bbox="280 456 1259 1025"> <thead> <tr> <th data-bbox="280 456 528 488">Day of week</th> <th data-bbox="528 456 772 488">Time period</th> <th data-bbox="772 456 1016 488">L<sub>Aeq</sub>(15min)</th> <th data-bbox="1016 456 1259 488">L<sub>AFmax</sub></th> </tr> </thead> <tbody> <tr> <td colspan="4" data-bbox="280 497 1259 528"><b>Occupied activity sensitive to noise</b></td> </tr> <tr> <td data-bbox="280 528 528 658" rowspan="4">Weekday</td> <td data-bbox="528 528 772 560">0630h - 0730h</td> <td data-bbox="772 528 1016 560">55 dB</td> <td data-bbox="1016 528 1259 560">75 dB</td> </tr> <tr> <td data-bbox="528 560 772 591">0730h - 1800h</td> <td data-bbox="772 560 1016 591">70 dB</td> <td data-bbox="1016 560 1259 591">85 dB</td> </tr> <tr> <td data-bbox="528 591 772 622">1800h - 2000h</td> <td data-bbox="772 591 1016 622">65 dB</td> <td data-bbox="1016 591 1259 622">80 dB</td> </tr> <tr> <td data-bbox="528 622 772 658">2000h - 0630h</td> <td data-bbox="772 622 1016 658">45 dB</td> <td data-bbox="1016 622 1259 658">75 dB</td> </tr> <tr> <td data-bbox="280 658 528 788" rowspan="4">Saturday</td> <td data-bbox="528 658 772 689">0630h - 0730h</td> <td data-bbox="772 658 1016 689">45 dB</td> <td data-bbox="1016 658 1259 689">75 dB</td> </tr> <tr> <td data-bbox="528 689 772 721">0730h - 1800h</td> <td data-bbox="772 689 1016 721">70 dB</td> <td data-bbox="1016 689 1259 721">85 dB</td> </tr> <tr> <td data-bbox="528 721 772 752">1800h - 2000h</td> <td data-bbox="772 721 1016 752">45 dB</td> <td data-bbox="1016 721 1259 752">75 dB</td> </tr> <tr> <td data-bbox="528 752 772 788">2000h - 0630h</td> <td data-bbox="772 752 1016 788">45 dB</td> <td data-bbox="1016 752 1259 788">75 dB</td> </tr> <tr> <td data-bbox="280 788 528 918" rowspan="4">Sunday and Public Holidays</td> <td data-bbox="528 788 772 819">0630h - 0730h</td> <td data-bbox="772 788 1016 819">45 dB</td> <td data-bbox="1016 788 1259 819">75 dB</td> </tr> <tr> <td data-bbox="528 819 772 851">0730h - 1800h</td> <td data-bbox="772 819 1016 851">55 dB</td> <td data-bbox="1016 819 1259 851">85 dB</td> </tr> <tr> <td data-bbox="528 851 772 882">1800h - 2000h</td> <td data-bbox="772 851 1016 882">45 dB</td> <td data-bbox="1016 851 1259 882">75 dB</td> </tr> <tr> <td data-bbox="528 882 772 918">2000h - 0630h</td> <td data-bbox="772 882 1016 918">45 dB</td> <td data-bbox="1016 882 1259 918">75 dB</td> </tr> <tr> <td colspan="4" data-bbox="280 927 1259 958"><b>Other occupied buildings</b></td> </tr> <tr> <td data-bbox="280 958 528 1025" rowspan="2">All</td> <td data-bbox="528 958 772 990">0730h – 1800h</td> <td data-bbox="772 958 1016 990">70 dB</td> <td data-bbox="1016 958 1259 1025"></td> </tr> <tr> <td data-bbox="528 990 772 1025">1800h – 0730h</td> <td data-bbox="772 990 1016 1025">75 dB</td> <td data-bbox="1016 990 1259 1025"></td> </tr> </tbody> </table> <p data-bbox="280 1034 1347 1081">(b) Where compliance with the noise standards set out in Table 22-1 is not practicable, the methodology in Condition 25 shall apply.</p>	Day of week	Time period	L <sub>Aeq</sub> (15min)	L <sub>AFmax</sub>	<b>Occupied activity sensitive to noise</b>				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	<b>Other occupied buildings</b>				All	0730h – 1800h	70 dB		1800h – 0730h	75 dB	
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No.	Condition																						
23.	<p data-bbox="284 235 715 266"><b>Construction Vibration Standards</b></p> <p data-bbox="284 275 1329 398">(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 Table 23-1 as far as practicable.</p> <p data-bbox="284 439 794 465"><b>Table 23-1 Construction Vibration Standards</b></p> <table border="1" data-bbox="284 490 1224 871"> <thead> <tr> <th data-bbox="284 490 518 521">Receiver</th> <th data-bbox="525 490 751 521">Details</th> <th data-bbox="758 490 984 521">Category A*</th> <th data-bbox="991 490 1224 521">Category B*</th> </tr> </thead> <tbody> <tr> <td data-bbox="284 530 518 647" rowspan="2">Occupied activities sensitive to noise</td> <td data-bbox="525 530 751 584">Night-time 2000h - 0630h</td> <td data-bbox="758 530 984 584">0.3mm/s ppv</td> <td data-bbox="991 530 1224 584">1mm/s ppv</td> </tr> <tr> <td data-bbox="525 593 751 647">Daytime 0630h - 2000h</td> <td data-bbox="758 593 984 647">1mm/s ppv</td> <td data-bbox="991 593 1224 647">5mm/s ppv</td> </tr> <tr> <td data-bbox="284 656 518 710">Other occupied buildings</td> <td data-bbox="525 656 751 710">Daytime 0630h - 2000h</td> <td data-bbox="758 656 984 710">2mm/s ppv</td> <td data-bbox="991 656 1224 710">5mm/s ppv</td> </tr> <tr> <td data-bbox="284 719 518 871" rowspan="2">All other buildings</td> <td data-bbox="525 719 751 772">At all other times Vibration transient</td> <td data-bbox="758 719 984 772">5mm/s ppv</td> <td data-bbox="991 719 1224 772">BS 5228-2** Table B2</td> </tr> <tr> <td data-bbox="525 781 751 871">At all other times Vibration continuous</td> <td data-bbox="758 781 984 871">5mm/s ppv</td> <td data-bbox="991 781 1224 871">BS 5228-2** 50% of Table B2 values</td> </tr> </tbody> </table> <p data-bbox="284 875 1334 929">* Refer to NZTA State highway construction and maintenance noise and vibration guide for further explanation regarding Category A and B criteria</p> <p data-bbox="284 934 1350 987">** BS 5228-2:2009 'Code of practice for noise and vibration control on construction and open sites – Part 2: Vibration'</p> <p data-bbox="284 996 1385 1055">(b) Where compliance with the vibration standards set out in Table 23-1 is not practicable, the methodology in Condition 25 shall apply.</p> <p data-bbox="284 1059 1377 1144">(c) If measured or predicted vibration from construction activities exceeds the Category A criteria, a Suitably Qualified Person shall assess and manage construction vibration during those activities.</p> <p data-bbox="284 1149 1377 1234">(d) If measured or predicted vibration from construction activities exceeds the Category B criteria those activities must only proceed if vibration effects on affected buildings are assessed, monitored and mitigated by a Suitably Qualified Person.</p>	Receiver	Details	Category A*	Category B*	Occupied activities sensitive to noise	Night-time 2000h - 0630h	0.3mm/s ppv	1mm/s ppv	Daytime 0630h - 2000h	1mm/s ppv	5mm/s ppv	Other occupied buildings	Daytime 0630h - 2000h	2mm/s ppv	5mm/s ppv	All other buildings	At all other times Vibration transient	5mm/s ppv	BS 5228-2** Table B2	At all other times Vibration continuous	5mm/s ppv	BS 5228-2** 50% of Table B2 values
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No.	Condition
24.	<p data-bbox="284 235 1390 268"><b>Construction Noise and Vibration Management Plan (CNVMP)</b></p> <p data-bbox="284 277 1390 454">(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.</p> <p data-bbox="284 463 1390 546">(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:</p> <ul style="list-style-type: none"> <li data-bbox="357 555 1390 586">(i) description of the works and anticipated equipment/processes;</li> <li data-bbox="357 595 1390 651">(ii) hours of operation, including times and days when construction activities would occur;</li> <li data-bbox="357 660 1390 692">(iii) the construction noise and vibration standards for the project;</li> <li data-bbox="357 701 1390 732">(iv) identification of receivers where noise and vibration standards apply;</li> <li data-bbox="357 741 1390 819">(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;</li> <li data-bbox="357 828 1390 884">(vi) methods and frequency for monitoring and reporting on construction noise and vibration;</li> <li data-bbox="357 893 1390 994">(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.</li> <li data-bbox="357 1003 1390 1034">(viii) contact details of the Project Liaison Person;</li> <li data-bbox="357 1043 1390 1122">(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;</li> <li data-bbox="357 1131 1390 1232">(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 A or Category B will not be practicable;</li> <li data-bbox="357 1240 1390 1296">(xi) identification of trigger levels for undertaking building condition surveys, which shall be below Category B day time levels;</li> <li data-bbox="357 1305 1390 1384">(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;</li> <li data-bbox="357 1393 1390 1482">(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</li> <li data-bbox="357 1491 1390 1523">(xiv) requirements for review and update of the CNVMP.</li> </ul>

No.	Condition
25.	<p data-bbox="282 237 560 273"><b>Schedule to a CNVMP</b></p> <p data-bbox="282 277 1374 365">(a) A Schedule to the CNVMP (Schedule) shall be prepared prior to the start of the construction to which it relates by a Suitably Qualified Person, in consultation with the owners and occupiers of sites subject to the Schedule, when:</p> <ul style="list-style-type: none"> <li data-bbox="357 369 1273 427">(i) Construction noise is either predicted or measured to exceed the noise standards in Condition 22</li> <li data-bbox="357 432 1382 492">(ii) Construction vibration is either predicted or measured to exceed the Category A standard at the receivers in Condition 23.</li> </ul> <p data-bbox="282 497 1345 580">(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.</p> <p data-bbox="282 584 1166 613">(c) To achieve the objective, the Schedule shall include details such as:</p> <ul style="list-style-type: none"> <li data-bbox="357 618 1034 647">(i) construction activity location, start and finish times;</li> <li data-bbox="357 651 1031 680">(ii) the nearest neighbours to the construction activity;</li> <li data-bbox="357 685 1377 768">(iii) the predicted noise and/or vibration level for all receivers where the levels are predicted or measured to exceed the applicable standards in Conditions 22 and 23 and the predicted duration of the exceedance;</li> <li data-bbox="357 772 1362 855">(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;</li> <li data-bbox="357 860 1353 920">(v) the proposed mitigation options that have been selected, and the options that have been discounted as being impracticable and the reasons why;</li> <li data-bbox="357 925 1369 1008">(vi) a summary of 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</li> <li data-bbox="357 1012 898 1041">(vii) location, times and types of monitoring.</li> </ul> <p data-bbox="282 1046 1377 1193">(d) The Schedule shall be submitted to the Manager for information at least 5 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. If any comments are received from the Manager, these shall be considered by the Requiring Authority prior to implementation of the Schedule.</p> <p data-bbox="282 1198 1369 1368">(e) 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 information 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.</p>

No.	Condition
26.	<p data-bbox="280 237 837 271"><b>Historic Heritage Management Plan (HHMP)</b></p> <p data-bbox="280 275 1394 394">(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.</p> <p data-bbox="280 398 1394 1709">(b) To achieve the objective, the HHMP shall identify:</p> <ul style="list-style-type: none"> <li data-bbox="357 427 1394 517">(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;</li> <li data-bbox="357 521 1394 577">(ii) methods for the identification and assessment of potential historic heritage places within the Designation to inform detailed design;</li> <li data-bbox="357 582 1394 667">(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;</li> <li data-bbox="357 672 1394 728">(iv) any unrecorded archaeological sites or post-1900 heritage sites within the Designation, which shall also be documented and recorded;</li> <li data-bbox="357 732 1394 882">(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;</li> <li data-bbox="357 887 1394 943">(vi) specific areas to be investigated, monitored and recorded to the extent these are directly affected by the Project;</li> <li data-bbox="357 947 1394 1155">(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;</li> <li data-bbox="357 1160 1394 1245">(viii) methods to acknowledge cultural values identified through Condition 13 where archaeological sites also involve ngā taonga tuku iho (treasures handed down by our ancestors) and where feasible and practicable to do so;</li> <li data-bbox="357 1249 1394 1709">(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: <ul style="list-style-type: none"> <li data-bbox="434 1346 1394 1402">A. security fencing or hoardings around historic heritage places to protect them from damage during construction or unauthorised access;</li> <li data-bbox="434 1406 1394 1491">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</li> <li data-bbox="434 1496 1394 1709">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 13).</li> </ul> </li> </ul> <p data-bbox="280 1749 576 1805"><b>Advice note: Accidental Discoveries</b></p> <p data-bbox="280 1816 1394 1892">The requirements for accidental discoveries of heritage items are set out in Rule E11.6.1 of the AUP and in the NZTA Minimum Standard P45 Accidental Archaeological Discovery Specification, or any subsequent version.</p>

No.	Condition
27.	<p data-bbox="279 237 742 273"><b>Pre-Construction Ecological Survey</b></p> <p data-bbox="279 280 1372 365">(a) At the start of detailed design for a Stage of Work, an updated ecological survey shall be undertaken by a Suitably Qualified Person. The purpose of the survey is to inform ecological management by:</p> <ul style="list-style-type: none"> <li data-bbox="359 371 1364 432">(i) confirming whether the species of value within the Identified Biodiversity Areas recorded in the Identified Biodiversity Area Schedule 2 are still present; and</li> <li data-bbox="359 439 1372 577">(ii) confirming whether the project will or may have a moderate or greater level of ecological effect on ecological species of value, prior to implementation of impact management measures with the level of effect to be determined in accordance with Table 10 of the EIANZ guidelines as included in Schedule 3 to these conditions (or subsequent updated version of the table).</li> </ul> <p data-bbox="279 584 1364 689">(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).</p>

**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 of Confirmed Biodiversity Areas as far as practicable.
- (b) To achieve the objective, the EMP shall set out the methods which may include:
  - (i) If an EMP is required in accordance with Condition 27(b) for the presence of long tail bats:
    - A. measures to minimise as far as practicable, disturbance from construction activities within the vicinity of any active long tail bat roosts (including maternity) that are discovered through survey until such roosts are confirmed to be vacant of bats;
    - B. how the timing of any construction work in the vicinity of any maternity long tail bat roosts will be limited to outside the bat maternity period (between December and March) where reasonably practicable;
    - C. details of areas where vegetation is to be retained where practicable for the purposes of the connectivity of long tail bats;
    - D. details of how bat connectivity will be provided and maintained (e.g. through the presence of suitable indigenous or exotic trees or artificial alternatives). This could include identification of areas and timeframes for establishment of advance restoration / mitigation planting taking into account land ownership, accessibility and the timing of available funding, measures to manage the effects of light spill on bat connectivity as far as practicable; and
    - E. where mitigation to minimise effects is not practicable, details of any offsetting proposed.
  - (ii) If an EMP is required in accordance with Condition 27(b) for the presence of threatened or at risk wetland birds:
    - A. how the timing of any Construction Works shall be undertaken outside of the bird breeding season (September to February) where practicable.
    - B. where works are required within the Confirmed Biodiversity Area during the bird season, methods to minimise adverse effects on Threatened or At-Risk wetland birds;
    - C. undertaking a nesting bird survey of Threatened or At-Risk wetland birds prior to any Construction Works taking place within a 50m radius of any identified Wetlands (including establishment of construction areas adjacent to Wetlands). Surveys should be repeated at the beginning of each wetland bird breeding season and following periods of construction inactivity;
    - D. what protection and buffer measures will be provided where nesting Threatened or At-Risk wetland birds are identified within 50m of any construction area (including laydown areas). Measures could include:
      - a. a 20 m buffer area around the nest location and retaining vegetation. The buffer areas should be demarcated where necessary to protect birds from encroachment. This might include the use of marker poles, tape and signage;
      - b. monitoring of the nesting Threatened or At-Risk wetland birds by a Suitably Qualified Person. Construction works within the 20m nesting buffer areas should not occur until the Threatened or At-Risk wetland birds have fledged from the nest location (approximately 30 days from egg laying to fledging) as confirmed by a Suitably Qualified Person;
      - c. minimising the disturbance from the works if construction works are required within 50 m of a nest, as advised by a Suitably Qualified Person;
      - d. adopting a 10m setback where practicable, between the edge of Wetlands and construction areas (along the edge of the stockpile / laydown area); and
      - e. minimising light spill from construction areas into Wetlands

No.	Condition
	<p>(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.</p> <p><b>Advice note:</b> Depending on the potential effects of the Project, the regional consents for the Project may include the following monitoring and management plans:</p> <ul style="list-style-type: none"> <li>(i) Stream and/or wetland restoration plans;</li> <li>(ii) Vegetation restoration plans; and</li> <li>(iii) Fauna management plans (eg avifauna, herpetofauna, bats).</li> </ul>
29.	<p><b>Tree Management Plan (TMP)</b></p> <p>(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 as protected or notable in the Auckland Unitary Plan.</p> <p>(b) To achieve the objective, the TMP shall:</p> <ul style="list-style-type: none"> <li>(i) confirm the trees that will be affected by the project work and are identified as protected or notable in the Auckland Unitary Plan; and</li> <li>(ii) demonstrate how the design and location of project works has avoided, remedied or mitigated any effects on any tree identified in 29 (b)(i) above. This may include: <ul style="list-style-type: none"> <li>A. any opportunities to relocate listed trees where practicable.</li> <li>B. planting to replace trees that require removal (with reference to the ULDMP planting design details in Condition 17);</li> <li>C. tree protection zones and tree protection measures such as protective fencing, ground protection and physical protection of roots, trunks and branches; and</li> <li>D. methods for work within the rootzone of trees that are to be retained in line with accepted arboricultural standards.</li> </ul> </li> <li>(iii) demonstrate how the tree management measures (outlined in 29(b)(ii)A – D above) are consistent with conditions of any resource consents granted for the project in relation to managing construction effects on trees.</li> </ul>
30.	<p><b>Network Utility Management Plan (NUMP)</b></p> <p>(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.</p> <p>(b) To achieve the objective, the NUMP shall include methods to:</p> <ul style="list-style-type: none"> <li>(i) provide access for maintenance at all reasonable times, or emergency works at all times during construction activities;</li> <li>(ii) protect and where necessary, relocate existing network utilities;</li> <li>(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;</li> <li>(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.</li> </ul> <p>(c) The NUMP shall include methods (including timing) to protect and where required safely relocate the International Cable.</p> <p>(d) 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.</p> <p>(e) Any comments received from the Network Utility Operator shall be considered when finalising the NUMP.</p> <p>(f) Any amendments to the NUMP related to the assets of a Network Utility Operator shall be prepared in consultation with that asset owner.</p>

## Attachments

## Schedule 1: General Accordance Plans and Information

### Project Description

The proposed work is the construction, operation, and maintenance of an upgrade to a state highway in Kumeu-Huapai, from the Matua Road intersection to the intersection with Riverhead Road, including active transport facilities and associated infrastructure. The proposed work is shown in the following Concept Plan and includes:

- (a) An upgraded transport corridor and active transport facilities;
- (b) Associated works including intersections, bridges, embankments, retaining, culverts, stormwater management systems;
- (c) Changes to local roads, where the proposed work intersects with local roads; and
- (d) Construction activities, including vegetation removal, construction compounds, laydown areas, bridge works area, construction traffic management and the re-grade of driveways.

### Concept Plan






## **Schedule 2: Identified Biodiversity Areas**

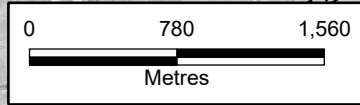
**LEGEND**

 Designation Boundary

 Identified Biodiversity Area





**Long-tailed Bat**





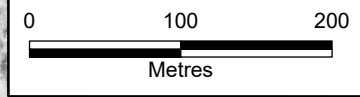
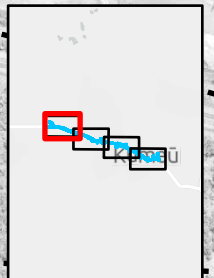
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 Designation Boundary



 Identified Biodiversity Area



Map Number: 1



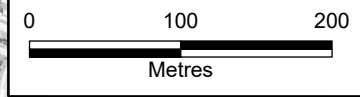
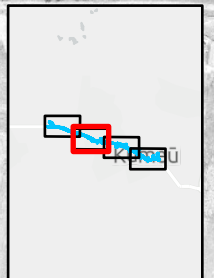
**Threatened or At Risk Wetland Birds**

**LEGEND**       Designation Boundary       Identified Biodiversity Area




Threatened or At Risk Wetland Birds


Map Number: 2

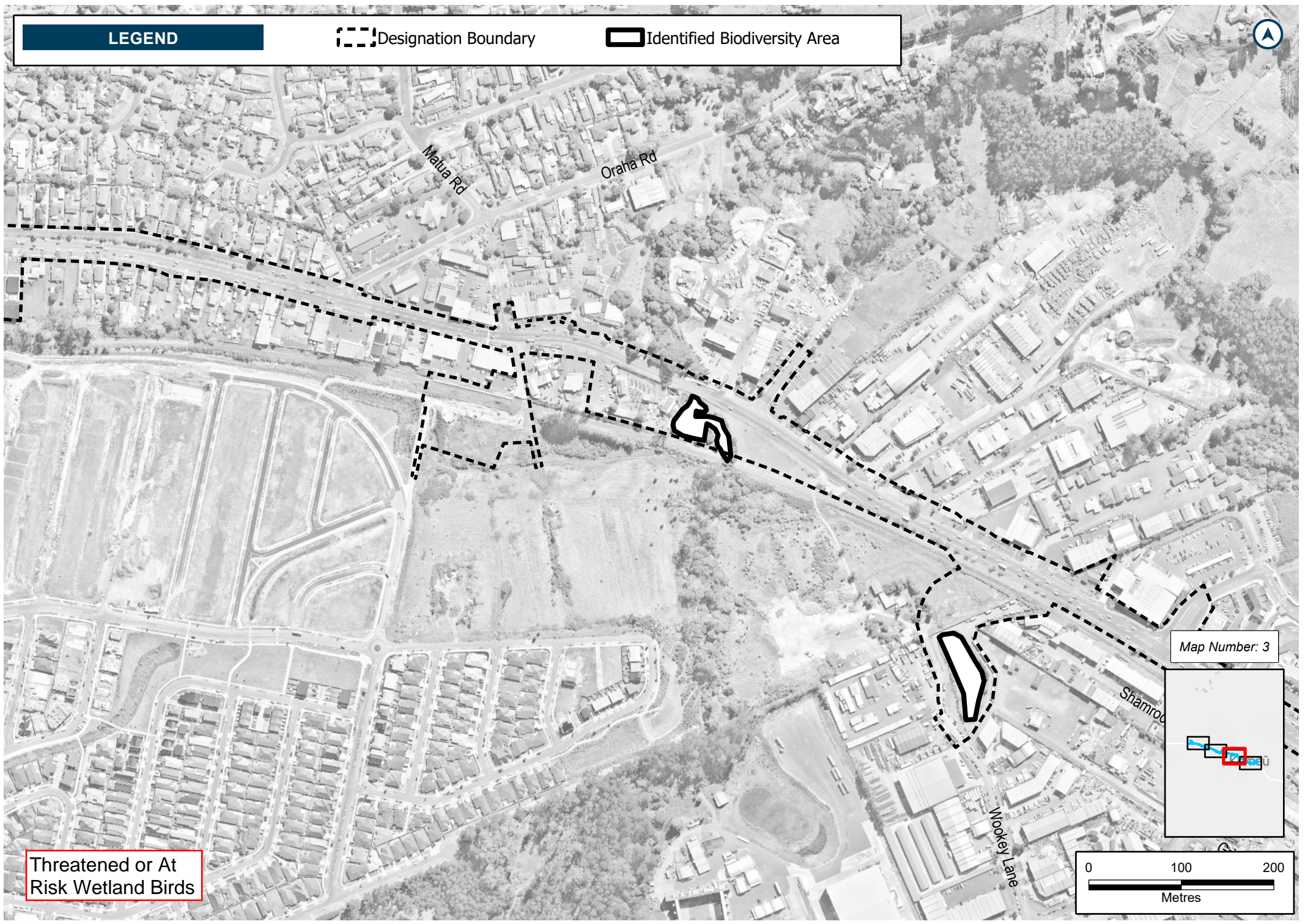




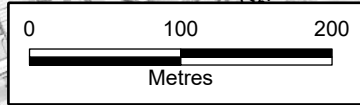
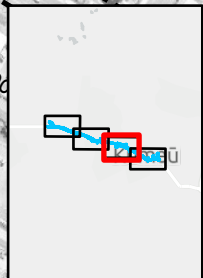
**LEGEND**

 Designation Boundary

 Identified Biodiversity Area



Map Number: 3



Threatened or At Risk Wetland Birds

**LEGEND**

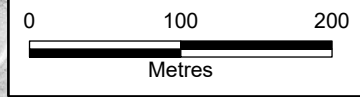
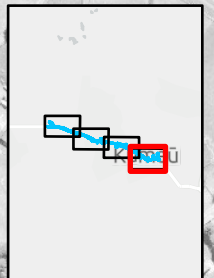
 Designation Boundary

 Identified Biodiversity Area



**Threatened or At Risk Wetland Birds**

Map Number: 4



Name of Map: SGA-EC-NW-035-Strategic-SH16-Bird-Mitigation  
Path: P:\381\3810534\T0102\ Data\1 Data Processing\50\Pluse689\_NW\_Ecology\_Mitigation\SGA\_NW\_Ecology\_Mitigation.aprx

**Schedule 3: Table 10 of the 2018 EIANZ Guidelines**

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

Ecological Value →	Very high	High	Moderate	Low	Negligible
Magnitude ↓					
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 C – NZTA Modifications to NoR S3 conditions (clean)**



## [# Council to allocate #] – Rapid Transit Corridor

Designation Number	XXXX
Requiring Authority	New Zealand Transport Agency
Location	Between Matua Road, Huapai and Brigham Creek Interchange.
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

Construction, operation and maintenance of a public transport corridor.

## 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 Council that the material change to the management plan is certified; or (b) ten 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
Educational facility	Facility used for education to secondary level Includes: <ul style="list-style-type: none"> <li>schools and outdoor education facilities; and</li> </ul>

	<ul style="list-style-type: none"> <li>• accommodation, administrative, cultural, religious, health, retail and communal facilities accessory to the above</li> </ul> <p>Excludes:</p> <ul style="list-style-type: none"> <li>• care centres; and</li> <li>• tertiary education facilities</li> </ul>
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: <ul style="list-style-type: none"> <li>(a) geotechnical investigations (including trial embankments);</li> <li>(b) archaeological site investigations;</li> <li>(c) formation of access for geotechnical investigations;</li> <li>(d) establishment of site yards, site entrances and fencing;</li> <li>(e) constructing and sealing site access roads;</li> <li>(f) demolition or removal of buildings and structures;</li> <li>(g) relocation of services; and</li> <li>(h) establishment of mitigation measures (such as erosion and sediment control measures, temporary noise walls, earth bunds and planting)</li> </ul>
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: <ul style="list-style-type: none"> <li>• Te Kawerau ā Maki</li> <li>• Ngāti Whātua o Kaipara</li> <li>• Te Ākitai Waiohū</li> </ul>
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 West growth area	Constitutes the Future Urban Zone, or live zoned urban land in Kumeū, Huapai, Redhills, Redhills North, Riverhead and Whenuapai
NUMP	Network Utilities Management Plan
Outline Plan	An outline plan prepared in accordance with section 176A of the RMA
OSMP	Open Space Management Plan
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: Acoustics – Road-traffic noise – New and altered roads
Requiring Authority	Has the same meaning as section 166 of the RMA and, for this Designation is New Zealand Transport Agency
RMA	Resource Management Act 1991

SCEMP	Stakeholder Communication and Engagement Management Plan
Stakeholder	Stakeholders to be identified in accordance with Condition 3, 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) educational facilities; (h) network utility operators; and (i) emergency services.
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

No.	Condition
<b>General conditions</b>	
<b>1.</b>	<p><b>Activity in General Accordance with Plans and Information</b></p> <p>(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</p> <p>(b) Where there is inconsistency between:</p> <ul style="list-style-type: none"> <li>(i) the Project description and concept plan in Schedule 1 and the requirements of the following conditions, the conditions shall prevail;</li> <li>(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.</li> </ul>
<b>2.</b>	<p><b>Project Information</b></p> <p>(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.</p> <p>(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:</p> <ul style="list-style-type: none"> <li>(i) the status of the Project;</li> <li>(ii) anticipated construction timeframes;</li> <li>(iii) contact details for enquiries;</li> <li>(iv) the implications of the designation for landowners, occupiers and business owners and operators within the designation on how / where they can receive additional support following confirmation of the designation;</li> <li>(v) a subscription service to enable receipt of project updates by email;</li> <li>(vi) when and how to apply for consent for works in the designation under section 176(1)(b) of the RMA; and</li> <li>(vii) how/where to access noise modelling contours to inform development adjacent to the designation.</li> </ul> <p>(c) 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.</p>
<b>3.</b>	<p><b>Stakeholder Communication and Engagement</b></p> <p>(a) At least six months prior to the start of detailed design for a Stage of Work, the Requiring Authority shall identify:</p> <ul style="list-style-type: none"> <li>(i) a list of Stakeholders;</li> <li>(ii) a list of properties within the designation which the Requiring Authority does not own or have occupation rights to; and</li> <li>(iii) methods to engage with Stakeholders and the owners and occupiers of properties identified in 3(a)(i) –(ii) above.</li> </ul> <p>(b) A record of (a) shall be submitted with an Outline Plan for the relevant Stage of Work.</p>
<b>4.</b>	<p><b>Designation Review</b></p> <p>As soon as reasonably practicable following Completion of Construction, the Requiring Authority shall:</p> <ul style="list-style-type: none"> <li>(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</li> <li>(ii) give notice to Auckland Council in accordance with section 182 of the RMA for the removal of those parts of the designation identified above.</li> </ul>
<b>5.</b>	<p><b>Lapse</b></p> <p>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.</p>

No.	Condition
6.	<p><b>Network Utility Operators and Auckland Council (Section 176 Approval)</b></p> <p>(a) Prior to the start of Construction Works, Network Utility Operators with existing infrastructure and Auckland Council in relation to parks will not require written consent under section 176 of the RMA for the following activities:</p> <ul style="list-style-type: none"> <li>(i) operation, maintenance and repair works;</li> <li>(ii) minor renewal works to existing network utilities or parks necessary for the on-going provision or security of supply of network utility operations or parks operations;</li> <li>(iii) minor works such as new service connections; and</li> <li>(iv) the upgrade and replacement of existing network utilities in the same location with the same or similar effects on the work authorised by the designation as the existing utility.</li> </ul> <p>(b) To the extent that a record of written approval is required for the activities listed above, this condition shall constitute written approval.</p>
<b>Pre-construction conditions</b>	
7.	<p><b>Outline Plan</b></p> <p>(a) An Outline Plan (or Plans) shall be prepared in accordance with section 176A of the RMA.</p> <p>(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.</p> <p>(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:</p> <ul style="list-style-type: none"> <li>(i) Construction Environmental Management Plan;</li> <li>(ii) Construction Traffic Management Plan;</li> <li>(iii) Construction Noise and Vibration Management Plan;</li> <li>(iv) Network Integration Management Plan;</li> <li>(v) Open Space Management Plan;</li> <li>(vi) Urban and Landscape Design Management Plan;</li> <li>(vii) Historic Heritage Management Plan;</li> <li>(viii) Ecological Management Plan;</li> <li>(ix) Tree Management Plan; and</li> <li>(x) Network Utilities Management Plan.</li> </ul>
8.	<p><b>Network Utilities Integration</b></p> <p>The Requiring Authority shall consult with Network Utility Operators during the detailed design phase to consider opportunities to enable, or not preclude, the development of new network utility facilities including access to power and ducting within the Project, where practicable to do so. The consultation undertaken, opportunities considered, and whether or not they have been incorporated into the detailed design, shall be summarised in the Outline Plan(s) prepared for the Project.</p>

No.	Condition
	<p><b>Flood Hazard</b></p> <p>For the purpose of Condition 9:</p> <ul style="list-style-type: none"> <li>(a) AEP – means Annual Exceedance Probability;</li> <li>(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;</li> <li>(c) Flood prone area – means potential ponding areas that may flood and commonly comprise of topographical depression areas. The areas can occur naturally or as a result of constructed features;</li> <li>(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;</li> <li>(e) Pre-Project development – means existing site condition prior to the Project (including existing buildings and roadways); and</li> <li>(f) Post-Project development – means site condition after the Project has been completed (including existing and new buildings and roadways).</li> </ul>
<p><b>9.</b></p>	<p><b>Flood Hazard</b></p> <ul style="list-style-type: none"> <li>(a) The Project shall be designed to achieve the following flood risk outcomes: <ul style="list-style-type: none"> <li>(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;</li> <li>(ii) no increase in flood levels in a 1% AEP event for existing authorised community, commercial, industrial and network utility building floors that are already subject to flooding or have a freeboard less than 300mm;</li> <li>(iii) maximum of 50mm increase in water level in a 1% AEP event outside and adjacent to the designation boundaries between the pre and post Project scenarios; and</li> <li>(iv) no increase of Flood Hazard for the main access to authorised habitable dwellings existing at time the Outline Plan is submitted. The assessment shall be undertaken for the 1% AEP rainfall event.</li> <li>(v) Where Flood Hazard is: <ul style="list-style-type: none"> <li>A. velocity x depth greater than or equal to 0.6; or</li> <li>B. depth greater than 0.5m; or</li> <li>C. velocity greater than 2m/s.</li> </ul> </li> </ul> </li> <li>(b) Compliance with this condition shall be demonstrated in the Outline Plan, which shall include flood modelling of the pre-Project and post-Project 1% AEP flood levels (for Maximum Probable Development land use with allowances for climate change).</li> <li>(c) Where the above outcomes 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 varied through agreement with the relevant landowner, confirmation shall be provided that any necessary landowner and statutory approvals have been obtained for that work or alternative outcome.</li> </ul>
<p><b>10.</b></p>	<p><b>Existing property access</b></p> <p>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 addressed with the affected landowner.</p>

No.	Condition
11.	<p data-bbox="280 235 526 266"><b>Management Plans</b></p> <p data-bbox="280 275 1394 1086">           (a) Any management plan shall:           <ul style="list-style-type: none"> <li data-bbox="357 306 1394 360">(i) be prepared and implemented in accordance with the relevant management plan condition;</li> <li data-bbox="357 369 986 400">(ii) be prepared by a Suitably Qualified Person(s);</li> <li data-bbox="357 409 1394 463">(iii) include sufficient detail relating to the management of effects associated with the relevant activities and/or Stage of Work to which it relates;</li> <li data-bbox="357 472 1394 611">(iv) summarise comments received from Mana Whenua and stakeholders as required by the relevant management plan condition, along with a summary of where comments have:               <ul style="list-style-type: none"> <li data-bbox="432 548 788 580">A. been incorporated; and</li> <li data-bbox="432 589 1002 620">B. where not incorporated, the reasons why.</li> </ul> </li> <li data-bbox="357 620 1394 674">(v) be submitted as part of an Outline Plan pursuant to section 176A of the RMA, with the exception of SCEMPs and CNVMP Schedules;</li> <li data-bbox="357 683 1394 736">(vi) once finalised, uploaded to the Project website or equivalent virtual information source.</li> </ul> </p> <p data-bbox="280 736 1394 916">(b) Any management plan developed in accordance with Condition 11 may:           <ul style="list-style-type: none"> <li data-bbox="357 768 1394 853">(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;</li> <li data-bbox="357 862 1394 916">(ii) except for material changes, be amended to reflect any changes in design, construction methods or management of effects without further process;</li> </ul> </p> <p data-bbox="280 916 1394 1032">(c) 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 Council as an update to the Outline Plan or for Certification as soon as practicable following identification of the need for a revision;</p> <p data-bbox="280 1041 1394 1095">(d) Any material changes to the SCEMP(s) are to be submitted to the Council for information.</p>

No.	Condition
12.	<p><b>Stakeholder Communication and Engagement Management Plan (SCEMP)</b></p> <p>(a) A SCEMP shall be prepared in consultation with 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.</p> <p>(b) To achieve the objective, the SCEMP shall include:</p> <ul style="list-style-type: none"> <li>(i) a list of Stakeholders;</li> <li>(ii) a list of properties within the designation which the Requiring Authority does not own or have occupation rights to;</li> <li>(iii) methods to engage with Stakeholders and the owners of properties identified in 12(b)(ii) above;</li> <li>(iv) 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);</li> <li>(v) methods for engaging with Mana Whenua, to be developed in consultation with Mana Whenua;</li> <li>(vi) Methods to manage the potential loss of visibility from public spaces, and severance to businesses in the Business - Town Centre Zones, informed by engagement undertaken in accordance with condition 12(b)(i) and (ii). These methods could include (but not be limited to) customer access arrangements, temporary wayfinding and signage;</li> <li>(vii) methods and timing to engage with owners and occupiers whose access is directly affected;</li> <li>(viii) 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 12(b)(i) and (ii) above; and</li> <li>(ix) linkages and cross-references to communication and engagement methods set out in other conditions and management plans where relevant.</li> </ul> <p>(c) Any SCEMP prepared for a Stage of Work shall be submitted to Council for information a minimum of ten working days prior to the Start of Construction for a Stage of Work.</p>
13.	<p><b>Network Integration Management Plan (NIMP)</b></p> <p>(a) At least six (6) 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 Network Integration Management Plan (NIMP).</p> <p>(b) The objective of the NIMP is to identify how the Project will integrate with the planned transport network in the North West growth area to achieve an effective, efficient and safe land transport system. To achieve this objective, the NIMP shall include details of the:</p> <ul style="list-style-type: none"> <li>(i) Project implementation approach and any staging of the Project, including design, management and operational matters; and</li> <li>(ii) Sequencing of the Project with the planned transport network, including design, management and operational matters.</li> </ul>



No.	Condition
14.	<p><b>Cultural Advisory Report</b></p> <p>(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.</p> <p>(b) To achieve the objective, the Requiring Authority shall invite Mana Whenua to prepare a Cultural Advisory Report that:</p> <ul style="list-style-type: none"> <li>(i) identifies the cultural sites, landscapes and values that have the potential to be affected by the construction and operation of the Project;</li> <li>(ii) sets out the desired outcomes for management of potential effects on cultural sites, landscapes and values;</li> <li>(iii) identifies traditional cultural practices within the area that may be impacted by the Project;</li> <li>(iv) identifies opportunities for restoration and enhancement of identified cultural sites, landscapes and values within the Project area;</li> <li>(v) taking into account the outcomes of 14(b)(i) to (iv) above, identify cultural matters and principles that should be considered in the development of the ULDMP and HHMP, and the CMP referred to in Condition 21;</li> <li>(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.</li> </ul> <p>(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;</p> <p>(d) Conditions 14(b) and (c) will cease to apply if:</p> <ul style="list-style-type: none"> <li>(i) Mana Whenua have been invited to prepare a Cultural Advisory Report by a date at least six months prior to start of Construction Works; and</li> <li>(ii) Mana Whenua have not provided a Cultural Advisory Report within six months prior to start of Construction Works.</li> </ul>
15.	<p><b>Open Space Management Plan (OSMP)</b></p> <p>(a) An OSMP shall be prepared for Huapai Recreation Reserve and Fred Taylor Park ('the parks') prior to the Start of Construction for a Stage of Work that will impact on the parks.</p> <p>(b) Auckland Council Parks shall be invited to participate in the development of the OSMP at least eighteen (18) months prior to the start of detailed design for a Stage of Work that will impact on the parks.</p> <p>(c) The objective of the OSMP is to minimise, as far as practicable, adverse effects on the recreation amenity of the parks resulting from the Project. To achieve the objective, the OSMP shall include details of:</p> <ul style="list-style-type: none"> <li>(i) how ongoing access (including walking and cycling) to parks during construction will be maintained in accordance with the Construction Traffic Management Plan (Condition 22);</li> <li>(ii) opportunities to coordinate the forward work programme for the parks, where appropriate, with Auckland Council Parks;</li> <li>(iii) measures to reasonably maintain the existing service level of the affected park, including any temporary or permanent reconfiguration or replacement of park facilities; and</li> <li>(iv) how matters raised by Auckland Council Parks and relevant stakeholders have been incorporated into the OSMP, and where matters have not been incorporated, the reasons why not.</li> </ul>
	<p><b>Urban and Landscape Design Management Plan (ULDMP)</b></p>

No.	Condition
16.	<p>(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:</p> <ul style="list-style-type: none"> <li>(i) enable integration of the Project's permanent works into the surrounding landscape and urban context; and</li> <li>(ii) ensure that the Project manages potential adverse landscape and visual effects as far as practicable and contributes to a quality urban environment.</li> </ul> <p>(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 Condition 14 may be reflected in the ULDMP.</p> <p>(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</p>
17.	<p>(a) To achieve the objective set out in Condition 16, the ULDMP(s) shall provide details of how the project:</p> <ul style="list-style-type: none"> <li>(i) is designed to integrate with the adjacent urban (or proposed urban) and landscape context, including the surrounding existing or proposed topography, urban environment (i.e. centres and density of built form), natural environment, landscape character and open space zones (including Huapai Recreation Reserve and Fred Taylor Park);</li> <li>(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;</li> <li>(iii) promotes inclusive access (where appropriate);</li> <li>(iv) promotes a sense of personal safety by aligning with best practice guidelines, such as: <ul style="list-style-type: none"> <li>A. Crime Prevention Through Environmental Design (CPTED) principles;</li> <li>B. Safety in Design (SID) requirements; and</li> <li>C. Maintenance in Design (MID) requirements and anti-vandalism/anti-graffiti measures; and</li> </ul> </li> <li>(v) Interfaces with the operational areas of commercial premises within business zoned land, including loading areas, internal circulation and car parking, where practicable.</li> </ul> <p>(b) The ULDMP shall be prepared in general accordance with:</p> <ul style="list-style-type: none"> <li>(i) Waka Kotahi Urban Design Guidelines: Bridging the Gap (2013) or any subsequent updated version;</li> <li>(ii) NZTA Landscape Guidelines (2018) or any subsequent updated version; and</li> <li>(iii) Waka Kotahi P39 Standard Specification for Highway Landscape Treatments (2013) or any subsequent updated version.</li> </ul>

No.	Condition
18.	<p>The ULDMP(s) shall include:</p> <ul style="list-style-type: none"> <li>(a) a concept plan – which depicts the overall landscape and urban design concept, and explain the rationale for the landscape and urban design proposals;</li> <li>(b) developed design concepts, including principles for walking and cycling facilities and public transport; and</li> <li>(c) landscape and urban design details – that cover the following: <ul style="list-style-type: none"> <li>(i) road design – elements such as intersection form, carriageway gradient and associated earthworks contouring including cut and fill batters, shaped to a natural profile where practicable and appropriate to the surrounding context, 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;</li> <li>(ii) roadside elements – such as lighting, fencing, wayfinding and signage;</li> <li>(iii) architectural and landscape treatment of all major structures, including bridges and retaining walls;</li> <li>(iv) architectural and landscape treatment of noise barriers;</li> <li>(v) landscape treatment and planting of permanent stormwater control wetlands and swales;</li> <li>(vi) integration of passenger transport;</li> <li>(vii) pedestrian and cycle facilities including paths, road crossings and dedicated pedestrian/ cycle bridges or underpasses;</li> <li>(viii) historic heritage places including Huapai Tavern (AUP:OP Schedule 14.1 #00482) and Kumeū Railway Goods Shed (AUP:OP Schedule 14.1 #00483), with reference to the HHMP (Condition 27);</li> <li>(ix) re-instatement of construction and site compound areas; and</li> <li>(x) re-instatement of features to be retained such as: <ul style="list-style-type: none"> <li>A. boundary features;</li> <li>B. landscaping;</li> <li>C. driveways;</li> <li>D. accessways; and</li> <li>E. fences.</li> </ul> </li> </ul> </li> <li>(d) The ULDMP shall also include the following planting details and maintenance requirements: <ul style="list-style-type: none"> <li>(i) planting design details including: <ul style="list-style-type: none"> <li>A. identification of existing trees and vegetation that will be retained with reference to the TMP and Ecological Management Plan. Where practicable, mature trees and native vegetation should be retained;</li> <li>B. street trees, shrubs and ground cover suitable for the location;</li> <li>C. treatment of fill slopes to integrate with adjacent land use, streams, Riparian margins and open space zones;</li> <li>D. identification of any planting requirements under the Ecological Management Plan (Conditions 29) and TMP (Condition 30); and</li> <li>E. integration of any planting requirements required by conditions of any resource consents for the project;</li> </ul> </li> <li>(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 works in each Stage of Work; and</li> <li>(iii) detailed specifications relating to the following: <ul style="list-style-type: none"> <li>A. weed control and clearance;</li> <li>B. pest animal management (to support plant establishment);</li> <li>C. ground preparation (top soiling and decompaction);</li> <li>D. mulching; and</li> <li>E. plant sourcing and planting, including hydroseeding and grassing, and use of eco-sourced species</li> </ul> </li> </ul> </li> </ul>
<b>Specific Outline Plan requirements</b>	
<b>Construction conditions</b>	

No.	Condition
19.	<p data-bbox="284 237 983 271"><b>Construction Environmental Management Plan (CEMP)</b></p> <p data-bbox="284 275 1366 394">(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.</p> <p data-bbox="284 398 1393 1155">(b) To achieve the objective, the CEMP shall include:</p> <ul style="list-style-type: none"> <li data-bbox="355 427 1062 461">(i) the roles and responsibilities of staff and contractors;</li> <li data-bbox="355 465 1366 521">(ii) details of the site or project manager and the Project Liaison Person, including their contact details (phone and email address);</li> <li data-bbox="355 526 1286 582">(iii) the Construction Works programmes and the staging approach, and the proposed hours of work;</li> <li data-bbox="355 586 1366 642">(iv) details of the proposed construction yards including temporary screening when adjacent to residential zones;</li> <li data-bbox="355 647 959 680">(v) details of the proposed construction lighting;</li> <li data-bbox="355 685 1286 741">(vi) methods for controlling dust and the removal of debris and demolition of construction materials from public roads or places;</li> <li data-bbox="355 745 1238 779">(vii) methods for providing for the health and safety of the general public;</li> <li data-bbox="355 784 1393 857">(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;</li> <li data-bbox="355 862 879 896">(ix) procedures for incident management;</li> <li data-bbox="355 900 1286 956">(x) location and procedures for the refuelling and maintenance of plant and equipment to avoid discharges of fuels or lubricants to watercourses;</li> <li data-bbox="355 960 1382 1034">(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;</li> <li data-bbox="355 1039 1366 1113">(xii) summary of measures included to respond to matters raised in engagement, if not already covered above;</li> <li data-bbox="355 1117 1286 1151">(xiii) procedures for responding to complaints about Construction Works; and</li> <li data-bbox="355 1155 1142 1189">(xiv) methods for amending and updating the CEMP as required.</li> </ul>
20.	<p data-bbox="284 1167 544 1200"><b>Complaints Register</b></p> <p data-bbox="284 1205 1382 1261">(a) At all times during Construction Works, a record of any complaints received about the Construction Works shall be maintained. The record shall include:</p> <ul style="list-style-type: none"> <li data-bbox="355 1265 935 1299">(i) the date, time and nature of the complaint;</li> <li data-bbox="355 1303 1254 1359">(ii) the name, phone number and address of the complainant (unless the complainant wishes to remain anonymous);</li> <li data-bbox="355 1364 1382 1438">(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;</li> <li data-bbox="355 1442 1094 1476">(iv) the outcome of the investigation into the complaint; and</li> <li data-bbox="355 1480 1318 1554">(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.</li> </ul> <p data-bbox="284 1559 1366 1597">(b) A copy of the Complaints Register required by this condition shall be made available to the Manager upon request as soon as practicable after the request is made.</p>

No.	Condition
21.	<p><b>Cultural Monitoring Plan (CMP)</b></p> <p>(a) Prior to the start of Construction Works, 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.</p> <p>(b) To achieve the objective, the CMP shall include:</p> <ul style="list-style-type: none"> <li>(i) Requirements for formal dedication or cultural interpretation to be undertaken prior to start of Construction Works in areas identified as having significance to Mana Whenua;</li> <li>(ii) Requirements and protocols for cultural inductions for contractors and subcontractors;</li> <li>(iii) Identification of activities, sites and areas where cultural monitoring is required during particular Construction Works;</li> <li>(iv) Identification of personnel to undertake cultural monitoring, including any geographic definition of their responsibilities; and</li> <li>(v) Details of personnel to assist with management of any cultural effects identified during cultural monitoring, including implementation of the Accidental Discovery Protocol</li> </ul> <p>(c) If Enabling Works involving soil disturbance are undertaken prior to the start of Construction Works, 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.</p>
	<p><b>Advice note:</b></p> <p>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.</p>

No.	Condition
22.	<p data-bbox="284 237 877 271"><b>Construction Traffic Management Plan (CTMP)</b></p> <p data-bbox="284 275 1364 360">(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.</p> <p data-bbox="284 365 949 398">(b) To achieve this objective, the CTMP shall include:</p> <ul style="list-style-type: none"> <li data-bbox="355 403 1348 459">(i) methods to manage the effects of temporary traffic management activities on traffic;</li> <li data-bbox="355 463 1053 497">(ii) measures to ensure the safety of all transport users;</li> <li data-bbox="355 501 1380 672">(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 educational facilities or to manage traffic congestion;</li> <li data-bbox="355 676 1380 757">(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;</li> <li data-bbox="355 761 1284 842">(v) identification of detour routes and other methods to ensure the safe management and maintenance of traffic flows, including public transport services, pedestrians and cyclists;</li> <li data-bbox="355 846 1380 927">(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. Engagement with landowners or occupiers whose access is directly affected shall be undertaken in accordance with the SCEMP;</li> <li data-bbox="355 931 1380 1012">(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;</li> <li data-bbox="355 1016 1380 1097">(viii) methods that will be undertaken to communicate traffic management measures to affected road users (e.g. residents / public / stakeholders / emergency services);</li> <li data-bbox="355 1102 1340 1182">(ix) details of minimum network performance parameters during the construction phase, including any measures to monitor compliance with the performance parameters; and</li> <li data-bbox="355 1187 1380 1267">(x) details of any measures proposed to be implemented in the event of thresholds identified in 22(b)(ix) being exceeded.</li> </ul> <p data-bbox="284 1272 1284 1352">(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.</p>

No.	Condition																																																										
23.	<p data-bbox="280 235 671 266"><b>Construction Noise Standards</b></p> <p data-bbox="280 271 1299 369">(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:</p> <p data-bbox="280 405 756 436"><b>Table 23-1 Construction Noise Standards</b></p> <table border="1" data-bbox="280 456 1259 1025"> <thead> <tr> <th data-bbox="280 456 528 488">Day of week</th> <th data-bbox="528 456 772 488">Time period</th> <th data-bbox="772 456 1016 488">L<sub>Aeq</sub>(15min)</th> <th data-bbox="1016 456 1259 488">L<sub>AFmax</sub></th> </tr> </thead> <tbody> <tr> <td colspan="4" data-bbox="280 495 1259 526"><b>Occupied activity sensitive to noise</b></td> </tr> <tr> <td data-bbox="280 526 528 658" rowspan="4">Weekday</td> <td data-bbox="528 526 772 557">0630h - 0730h</td> <td data-bbox="772 526 1016 557">55 dB</td> <td data-bbox="1016 526 1259 557">75 dB</td> </tr> <tr> <td data-bbox="528 557 772 589">0730h - 1800h</td> <td data-bbox="772 557 1016 589">70 dB</td> <td data-bbox="1016 557 1259 589">85 dB</td> </tr> <tr> <td data-bbox="528 589 772 620">1800h - 2000h</td> <td data-bbox="772 589 1016 620">65 dB</td> <td data-bbox="1016 589 1259 620">80 dB</td> </tr> <tr> <td data-bbox="528 620 772 658">2000h - 0630h</td> <td data-bbox="772 620 1016 658">45 dB</td> <td data-bbox="1016 620 1259 658">75 dB</td> </tr> <tr> <td data-bbox="280 658 528 790" rowspan="4">Saturday</td> <td data-bbox="528 658 772 689">0630h - 0730h</td> <td data-bbox="772 658 1016 689">45 dB</td> <td data-bbox="1016 658 1259 689">75 dB</td> </tr> <tr> <td data-bbox="528 689 772 721">0730h - 1800h</td> <td data-bbox="772 689 1016 721">70 dB</td> <td data-bbox="1016 689 1259 721">85 dB</td> </tr> <tr> <td data-bbox="528 721 772 752">1800h - 2000h</td> <td data-bbox="772 721 1016 752">45 dB</td> <td data-bbox="1016 721 1259 752">75 dB</td> </tr> <tr> <td data-bbox="528 752 772 790">2000h - 0630h</td> <td data-bbox="772 752 1016 790">45 dB</td> <td data-bbox="1016 752 1259 790">75 dB</td> </tr> <tr> <td data-bbox="280 790 528 922" rowspan="4">Sunday and Public Holidays</td> <td data-bbox="528 790 772 822">0630h - 0730h</td> <td data-bbox="772 790 1016 822">45 dB</td> <td data-bbox="1016 790 1259 822">75 dB</td> </tr> <tr> <td data-bbox="528 822 772 853">0730h - 1800h</td> <td data-bbox="772 822 1016 853">55 dB</td> <td data-bbox="1016 822 1259 853">85 dB</td> </tr> <tr> <td data-bbox="528 853 772 884">1800h - 2000h</td> <td data-bbox="772 853 1016 884">45 dB</td> <td data-bbox="1016 853 1259 884">75 dB</td> </tr> <tr> <td data-bbox="528 884 772 922">2000h - 0630h</td> <td data-bbox="772 884 1016 922">45 dB</td> <td data-bbox="1016 884 1259 922">75 dB</td> </tr> <tr> <td colspan="4" data-bbox="280 929 1259 960"><b>Other occupied buildings</b></td> </tr> <tr> <td data-bbox="280 960 528 1025" rowspan="2">All</td> <td data-bbox="528 960 772 992">0730h – 1800h</td> <td data-bbox="772 960 1016 992">70 dB</td> <td data-bbox="1016 960 1259 992"></td> </tr> <tr> <td data-bbox="528 992 772 1025">1800h – 0730h</td> <td data-bbox="772 992 1016 1025">75 dB</td> <td data-bbox="1016 992 1259 1025"></td> </tr> </tbody> </table> <p data-bbox="280 1025 1347 1090">(b) Where compliance with the noise standards set out in Table 23-1 is not practicable, the methodology in Condition 26 shall apply.</p>	Day of week	Time period	L <sub>Aeq</sub> (15min)	L <sub>AFmax</sub>	<b>Occupied activity sensitive to noise</b>				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	<b>Other occupied buildings</b>				All	0730h – 1800h	70 dB		1800h – 0730h	75 dB	
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No.	Condition																						
24.	<p data-bbox="280 235 1394 266"><b>Construction Vibration Standards</b></p> <p data-bbox="280 275 1394 400">(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 Table 24-1 as far as practicable.</p> <p data-bbox="280 439 1394 465"><b>Table 24-1 Construction Vibration Standards</b></p> <table border="1" data-bbox="280 488 1225 869"> <thead> <tr> <th data-bbox="280 488 517 519">Receiver</th> <th data-bbox="523 488 753 519">Details</th> <th data-bbox="759 488 986 519">Category A*</th> <th data-bbox="992 488 1225 519">Category B*</th> </tr> </thead> <tbody> <tr> <td data-bbox="280 528 517 645" rowspan="2">Occupied activities sensitive to noise</td> <td data-bbox="523 528 753 582">Night-time 2000h - 0630h</td> <td data-bbox="759 528 986 582">0.3mm/s ppv</td> <td data-bbox="992 528 1225 582">1mm/s ppv</td> </tr> <tr> <td data-bbox="523 591 753 645">Daytime 0630h - 2000h</td> <td data-bbox="759 591 986 645">1mm/s ppv</td> <td data-bbox="992 591 1225 645">5mm/s ppv</td> </tr> <tr> <td data-bbox="280 654 517 707">Other occupied buildings</td> <td data-bbox="523 654 753 707">Daytime 0630h - 2000h</td> <td data-bbox="759 654 986 707">2mm/s ppv</td> <td data-bbox="992 654 1225 707">5mm/s ppv</td> </tr> <tr> <td data-bbox="280 716 517 869" rowspan="2">All other buildings</td> <td data-bbox="523 716 753 770">At all other times Vibration transient</td> <td data-bbox="759 716 986 770">5mm/s ppv</td> <td data-bbox="992 716 1225 770">BS 5228-2** Table B2</td> </tr> <tr> <td data-bbox="523 779 753 869">At all other times Vibration continuous</td> <td data-bbox="759 779 986 869">5mm/s ppv</td> <td data-bbox="992 779 1225 869">BS 5228-2** 50% of Table B2 values</td> </tr> </tbody> </table> <p data-bbox="280 878 1394 931">* Refer to NZTA State highway construction and maintenance noise and vibration guide for further explanation regarding Category A and B criteria</p> <p data-bbox="280 940 1394 994">** BS 5228-2:2009 'Code of practice for noise and vibration control on construction and open sites – Part 2: Vibration'</p> <p data-bbox="280 1003 1394 1057">(b) Where compliance with the vibration standards set out in Table 24-1 is not practicable, the methodology in Condition 26 shall apply.</p> <p data-bbox="280 1066 1394 1146">(c) If measured or predicted vibration from construction activities exceeds the Category A criteria, a Suitably Qualified Person shall assess and manage construction vibration during those activities.</p> <p data-bbox="280 1155 1394 1227">(d) If measured or predicted vibration from construction activities exceeds the Category B criteria those activities must only proceed if vibration effects on affected buildings are assessed, monitored and mitigated by a Suitably Qualified Person.</p>	Receiver	Details	Category A*	Category B*	Occupied activities sensitive to noise	Night-time 2000h - 0630h	0.3mm/s ppv	1mm/s ppv	Daytime 0630h - 2000h	1mm/s ppv	5mm/s ppv	Other occupied buildings	Daytime 0630h - 2000h	2mm/s ppv	5mm/s ppv	All other buildings	At all other times Vibration transient	5mm/s ppv	BS 5228-2** Table B2	At all other times Vibration continuous	5mm/s ppv	BS 5228-2** 50% of Table B2 values
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No.	Condition
25.	<p data-bbox="284 239 1066 275"><b>Construction Noise and Vibration Management Plan (CNVMP)</b></p> <p data-bbox="284 277 1358 454">(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.</p> <p data-bbox="284 456 1374 544">(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:</p> <ul style="list-style-type: none"> <li data-bbox="357 546 1174 577">(i) description of the works and anticipated equipment/processes;</li> <li data-bbox="357 580 1369 640">(ii) hours of operation, including times and days when construction activities would occur;</li> <li data-bbox="357 642 1158 674">(iii) the construction noise and vibration standards for the project;</li> <li data-bbox="357 676 1246 707">(iv) identification of receivers where noise and vibration standards apply;</li> <li data-bbox="357 710 1362 792">(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;</li> <li data-bbox="357 795 1362 855">(vi) methods and frequency for monitoring and reporting on construction noise and vibration;</li> <li data-bbox="357 857 1315 974">(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.</li> <li data-bbox="357 976 963 1008">(viii) contact details of the Project Liaison Person;</li> <li data-bbox="357 1010 1374 1099">(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;</li> <li data-bbox="357 1102 1358 1218">(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 A or Category B will not be practicable;</li> <li data-bbox="357 1220 1358 1281">(xi) identification of trigger levels for undertaking building condition surveys, which shall be below Category B day time levels;</li> <li data-bbox="357 1283 1362 1373">(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;</li> <li data-bbox="357 1375 1362 1464">(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</li> <li data-bbox="357 1467 1038 1498">(xiv) requirements for review and update of the CNVMP.</li> </ul>

No.	Condition
26.	<p data-bbox="282 237 560 268"><b>Schedule to a CNVMP</b></p> <p data-bbox="282 275 1374 360">(a) A Schedule to the CNVMP (Schedule) shall be prepared prior to the start of the construction to which it relates by a Suitably Qualified Person, in consultation with the owners and occupiers of sites subject to the Schedule, when:</p> <ul style="list-style-type: none"> <li data-bbox="357 367 1273 427">(i) Construction noise is either predicted or measured to exceed the noise standards in Condition 23</li> <li data-bbox="357 434 1382 495">(ii) Construction vibration is either predicted or measured to exceed the Category A standard at the receivers in Condition 24.</li> </ul> <p data-bbox="282 501 1342 577">(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.</p> <p data-bbox="282 584 1166 616">(c) To achieve the objective, the Schedule shall include details such as:</p> <ul style="list-style-type: none"> <li data-bbox="357 622 1034 654">(i) construction activity location, start and finish times;</li> <li data-bbox="357 660 1034 692">(ii) the nearest neighbours to the construction activity;</li> <li data-bbox="357 698 1378 775">(iii) the predicted noise and/or vibration level for all receivers where the levels are predicted or measured to exceed the applicable standards in Conditions 23 and 24 and the predicted duration of the exceedance;</li> <li data-bbox="357 781 1362 857">(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;</li> <li data-bbox="357 864 1353 925">(v) the proposed mitigation options that have been selected, and the options that have been discounted as being impracticable and the reasons why;</li> <li data-bbox="357 931 1369 1008">(vi) a summary of 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</li> <li data-bbox="357 1014 898 1046">(vii) location, times and types of monitoring.</li> </ul> <p data-bbox="282 1052 1378 1196">(d) The Schedule shall be submitted to the Manager for information at least 5 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. If any comments are received from the Manager, these shall be considered by the Requiring Authority prior to implementation of the Schedule.</p> <p data-bbox="282 1202 1369 1368">(e) 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 information 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.</p>

<b>27.</b>	<p><b>Historic Heritage Management Plan (HHMP)</b></p> <p>(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.</p> <p>(b) To achieve the objective, the HHMP shall identify:</p> <ul style="list-style-type: none"> <li>(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;</li> <li>(ii) methods for the identification and assessment of potential historic heritage places within the Designation to inform detailed design;</li> <li>(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;</li> <li>(iv) any unrecorded archaeological sites or post-1900 heritage sites within the Designation, which shall also be documented and recorded;</li> <li>(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;</li> <li>(vi) specific areas to be investigated, monitored and recorded to the extent these are directly affected by the Project;</li> <li>(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;</li> <li>(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;</li> <li>(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: <ul style="list-style-type: none"> <li>A. security fencing or hoardings around historic heritage places to protect them from damage during construction or unauthorised access;</li> <li>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</li> <li>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).</li> </ul> </li> <li>(x) For Huapai Tavern (AUP:OP Schedule 14.1 #00482) and Kumeū Railway Goods Shed (AUP:OP Schedule 14.1 #00483) measures and methods shall be identified to: <ul style="list-style-type: none"> <li>A. appropriately avoid, remedy or mitigate adverse construction effects from the re-location of the buildings;</li> <li>B. appropriately re-locate the Huapai Tavern (AUP:OP Schedule 14.1 #00482) within the area identified in Schedule 4 in a manner that respects the heritage value of the buildings;</li> <li>C. appropriately re-locate the Kumeū Railway Goods Shed (AUP:OP Schedule 14.1 #00483) within extent of the designation located within Kumeū-Huapai in a manner that respects the heritage value of the building;</li> </ul> </li> </ul>
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No.	Condition
	<p data-bbox="432 237 1353 353"> D. identify non-original additions to the Huapai Tavern which may be removed without compromising the heritage values of the building; and  E. identify long term protection management of heritage elements of the buildings </p> <p data-bbox="280 394 443 421"><b>Advice note:</b></p> <p data-bbox="280 427 576 454"><b>Accidental Discoveries</b></p> <p data-bbox="280 461 1362 555">The requirements for accidental discoveries of heritage items are set out in Rule E11.6.1 of the AUP and in the NZTA Minimum Standard P45 Accidental Archaeological Discovery Specification, or any subsequent version.</p> <p data-bbox="280 584 1362 703">The Kumeū Railway Goods Shed and Huapai Tavern are scheduled under the AUP(OP). Long term protection management will be identified though Condition 27(b)(x) E until the extent of place is amended through a Plan Change process to reflect the new location once relocated.</p>
<b>28.</b>	<p data-bbox="280 714 740 741"><b>Pre-Construction Ecological Survey</b></p> <p data-bbox="280 748 1362 842">(a) At the start of detailed design for a Stage of Work, an updated ecological survey shall be undertaken by a Suitably Qualified Person. The purpose of the survey is to inform ecological management by:</p> <ul style="list-style-type: none"> <li data-bbox="357 848 1362 902">(i) confirming whether the species of value within the Identified Biodiversity Areas recorded in the Identified Biodiversity Area Schedule 2 are still present; and</li> <li data-bbox="357 909 1362 1055">(ii) confirming whether the project will or may have a moderate or greater level of ecological effect on ecological species of value, prior to implementation of impact management measures with the level of effect to be determined in accordance with Table 10 of the EIANZ guidelines as included in Schedule 3 to these conditions (or subsequent updated version of the table).</li> </ul> <p data-bbox="280 1061 1362 1180">(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).</p>

**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 of Confirmed Biodiversity Areas as far as practicable.
- (b) To achieve the objective, the EMP shall set out the methods which may include:
  - (i) If an EMP is required in accordance with Condition 28(b) for the presence of long tail bats:
    - A. measures to minimise as far as practicable, disturbance from construction activities within the vicinity of any active long tail bat roosts (including maternity) that are discovered through survey until such roosts are confirmed to be vacant of bats;
    - B. how the timing of any construction work in the vicinity of any maternity long tail bat roosts will be limited to outside the bat maternity period (between December and March) where reasonably practicable;
    - C. details of areas where vegetation is to be retained where practicable for the purposes of the connectivity of long tail bats;
    - D. details of how bat connectivity will be provided and maintained (e.g. through the presence of suitable indigenous or exotic trees or artificial alternatives). This could include identification of areas and timeframes for establishment of advance restoration / mitigation planting taking into account land ownership, accessibility and the timing of available funding, measures to manage the effects of light spill on bat connectivity as far as practicable; and
    - E. where mitigation to minimise effects is not practicable, details of any offsetting proposed.
  - (ii) If an EMP is required in accordance with Condition 28(b) for the presence of threatened or at risk wetland birds:
    - A. how the timing of any Construction Works shall be undertaken outside of the bird breeding season (September to February) where practicable;
    - B. where works are required within the Confirmed Biodiversity Area during the bird season, methods to minimise adverse effects on Threatened or At-Risk wetland birds;
    - C. undertaking a nesting bird survey of Threatened or At-Risk wetland birds prior to any Construction Works taking place within a 50m radius of any identified Wetlands (including establishment of construction areas adjacent to Wetlands). Surveys should be repeated at the beginning of each wetland bird breeding season and following periods of construction inactivity;
    - D. what protection and buffer measures will be provided where nesting Threatened or At-Risk wetland birds are identified within 50m of any construction area (including laydown areas). Measures could include:
      - a. a 20 m buffer area around the nest location and retaining vegetation. The buffer areas should be demarcated where necessary to protect birds from encroachment. This might include the use of marker poles, tape and signage;
      - b. monitoring of the nesting Threatened or At-Risk wetland birds by a Suitably Qualified Person. Construction works within the 20m nesting buffer areas should not occur until the Threatened or At-Risk wetland birds have fledged from the nest location (approximately 30 days from egg laying to fledging) as confirmed by a Suitably Qualified Person;
      - c. minimising the disturbance from the works if construction works are required within 50 m of a nest, as advised by a Suitably Qualified Person;
      - d. adopting a 10m setback where practicable, between the edge of Wetlands and construction areas (along the edge of the stockpile / laydown area); and
      - e. minimising light spill from construction areas into Wetlands

No.	Condition
	<p>(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.</p> <p><b>Advice note:</b> Depending on the potential effects of the Project, the regional consents for the Project may include the following monitoring and management plans:</p> <ul style="list-style-type: none"> <li>(i) Stream and/or wetland restoration plans;</li> <li>(ii) Vegetation restoration plans; and</li> <li>(iii) Fauna management plans (eg avifauna, herpetofauna, bats).</li> </ul>
30.	<p><b>Tree Management Plan (TMP)</b></p> <p>(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 as protected or notable in the Auckland Unitary Plan.</p> <p>(b) To achieve the objective, the TMP shall:</p> <ul style="list-style-type: none"> <li>(i) confirm the trees that will be affected by the project work and are identified as protected or notable in the Auckland Unitary Plan; and</li> <li>(ii) demonstrate how the design and location of project works has avoided, remedied or mitigated any effects on any tree identified in 30 (b)(i) above. This may include: <ul style="list-style-type: none"> <li>A. any opportunities to relocate listed trees where practicable.</li> <li>B. planting to replace trees that require removal (with reference to the ULDMP planting design details in Condition 18);</li> <li>C. tree protection zones and tree protection measures such as protective fencing, ground protection and physical protection of roots, trunks and branches; and</li> <li>D. methods for work within the rootzone of trees that are to be retained in line with accepted arboricultural standards.</li> </ul> </li> <li>(iii) demonstrate how the tree management measures (outlined in 30(b)(ii)A – D above) are consistent with conditions of any resource consents granted for the project in relation to managing construction effects on trees.</li> </ul>
31.	<p><b>Network Utility Management Plan (NUMP)</b></p> <p>(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.</p> <p>(b) To achieve the objective, the NUMP shall include methods to:</p> <ul style="list-style-type: none"> <li>(i) provide access for maintenance at all reasonable times, or emergency works at all times during construction activities;</li> <li>(ii) protect and where necessary, relocate existing network utilities;</li> <li>(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;</li> <li>(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.</li> </ul> <p>(c) The NUMP shall include methods (including timing) to protect and where required safely relocate the International Cable.</p> <p>(d) 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.</p> <p>(e) Any comments received from the Network Utility Operator shall be considered when finalising the NUMP.</p> <p>(f) Any amendments to the NUMP related to the assets of a Network Utility Operator shall be prepared in consultation with that asset owner.</p>
	<p><b>Operational conditions</b></p>

No.	Condition
32.	<p data-bbox="280 235 598 266"><b>Low Noise Road Surface</b></p> <p data-bbox="280 271 1286 333">(a) Asphaltic mix surface shall be implemented within 12 months of Completion of Construction of the Project.</p> <p data-bbox="280 338 1238 387">(b) The asphaltic mix surface shall be maintained to retain the noise reduction performance as far as practicable.</p>

## Attachments



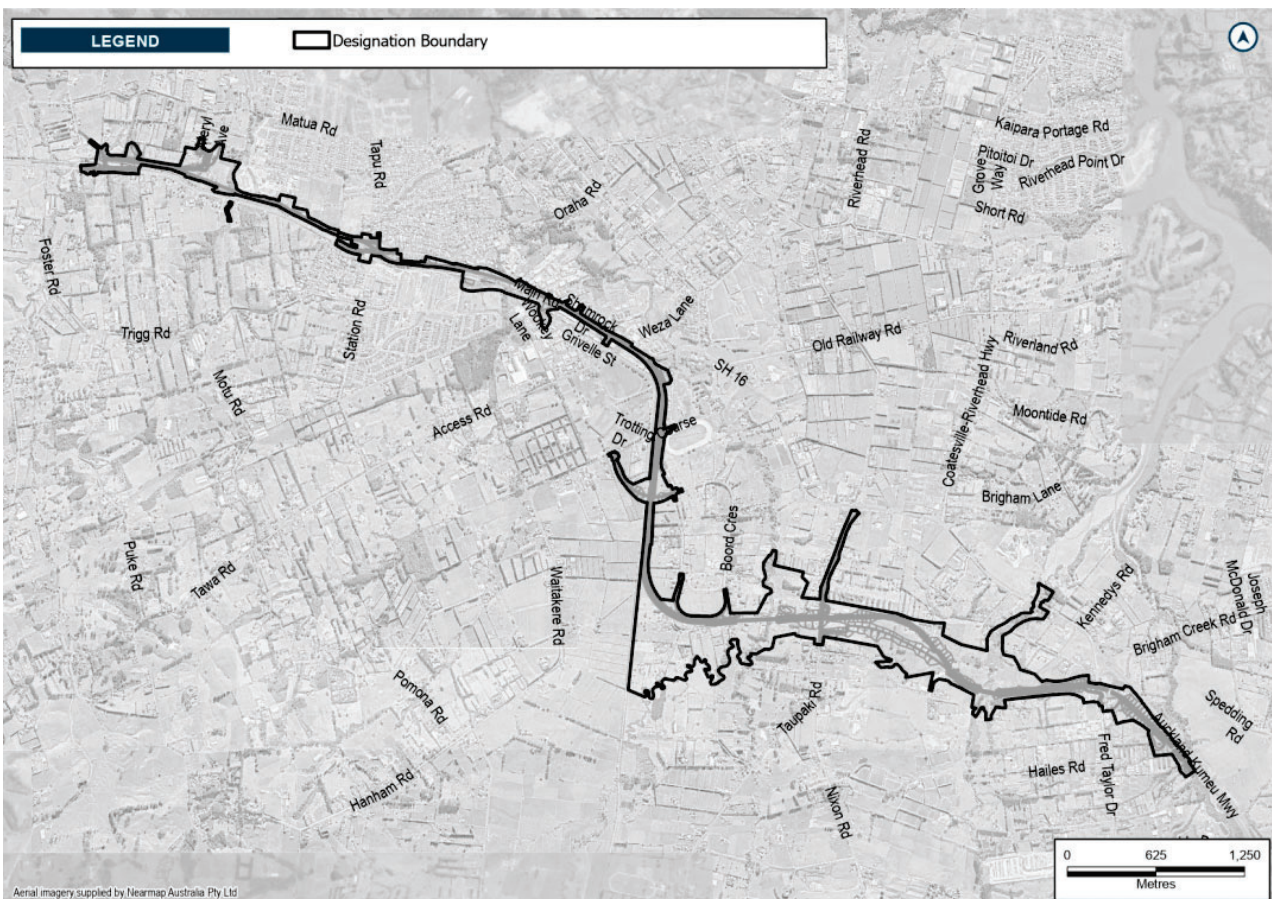
## Schedule 1: General Accordance Plans and Information

### Project Description

The proposed work is the construction, operation, and maintenance of a rapid transit corridor in North West Auckland, from Matua Road to Brigham Creek Interchange, including active transport facilities and associated infrastructure. The proposed work is shown in the following Concept Plan and includes:

- (a) A new transport corridor and active transport facilities;
- (b) Associated works including intersections, bridges, embankments, retaining, culverts, stormwater management systems; and
- (c) Construction activities, including vegetation removal, construction compounds, laydown areas, bridge works area, construction traffic management and the re-grade of driveways.

### Concept Plan



## **Schedule 2: Identified Biodiversity Areas**

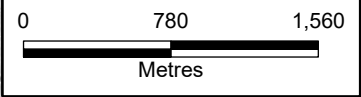
**LEGEND**

 Designation Boundary

 Identified Biodiversity Area




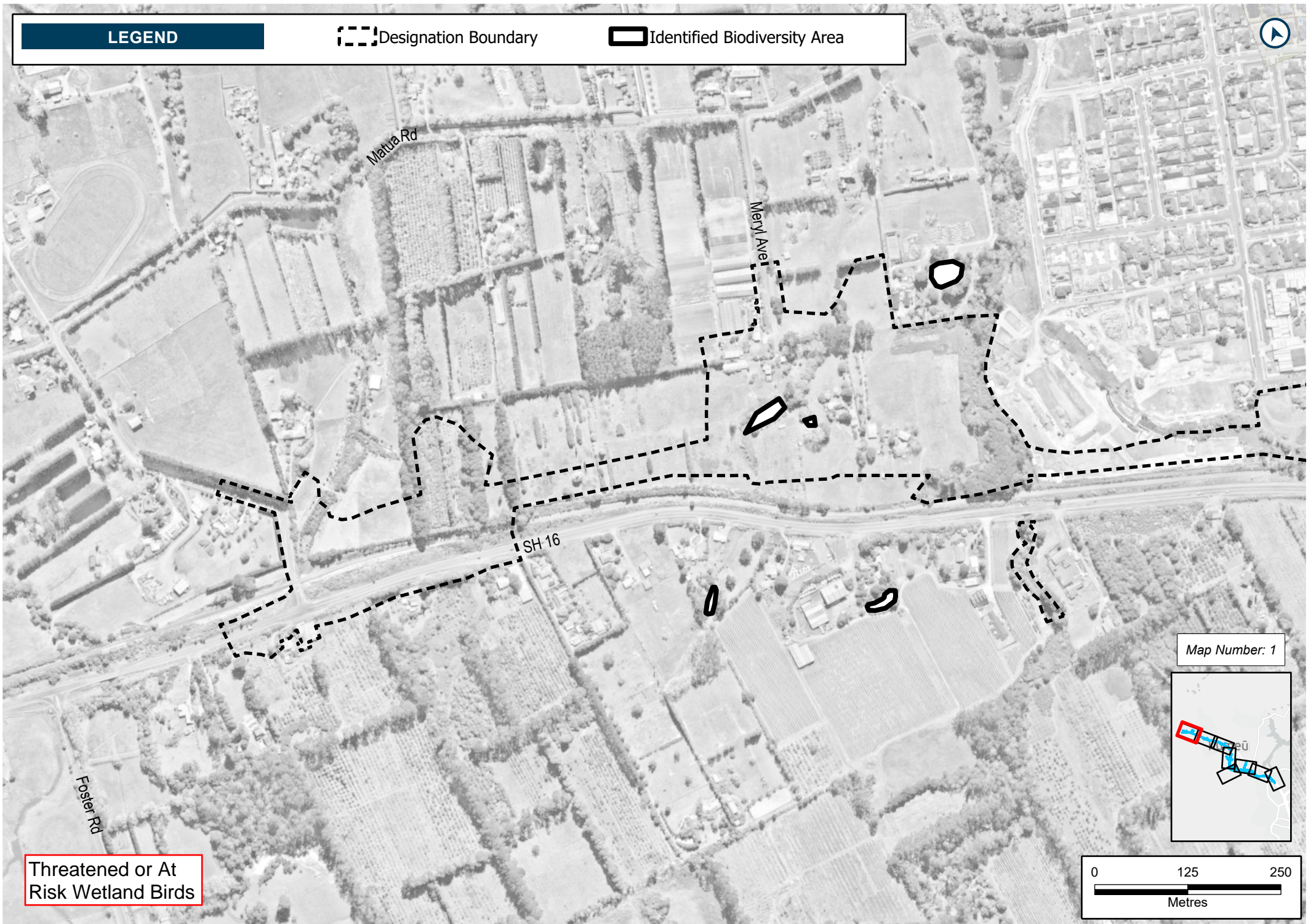
**Long-tailed Bat**



**LEGEND**

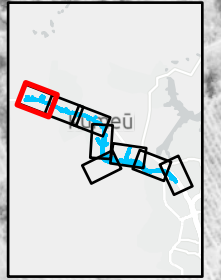
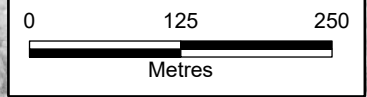
 Designation Boundary

 Identified Biodiversity Area




**Threatened or At Risk Wetland Birds**


Map Number: 1





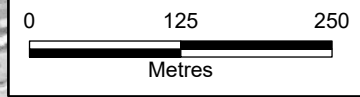
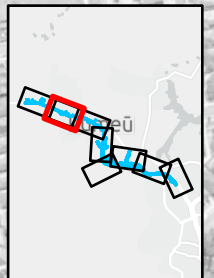
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 Designation Boundary

 Identified Biodiversity Area




Map Number: 2



Threatened or At Risk Wetland Birds

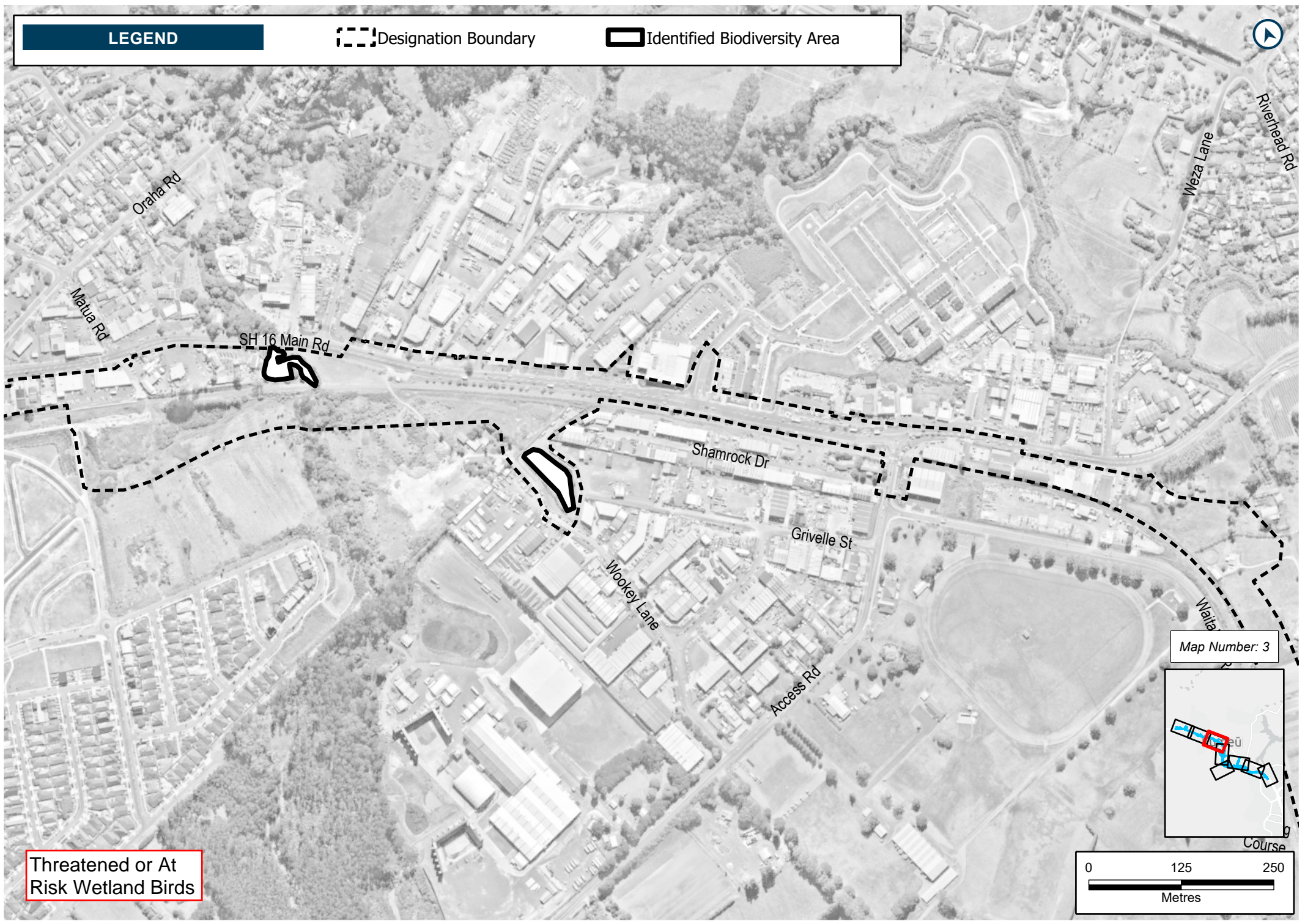
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 Designation Boundary

 Identified Biodiversity Area

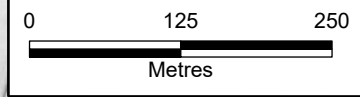


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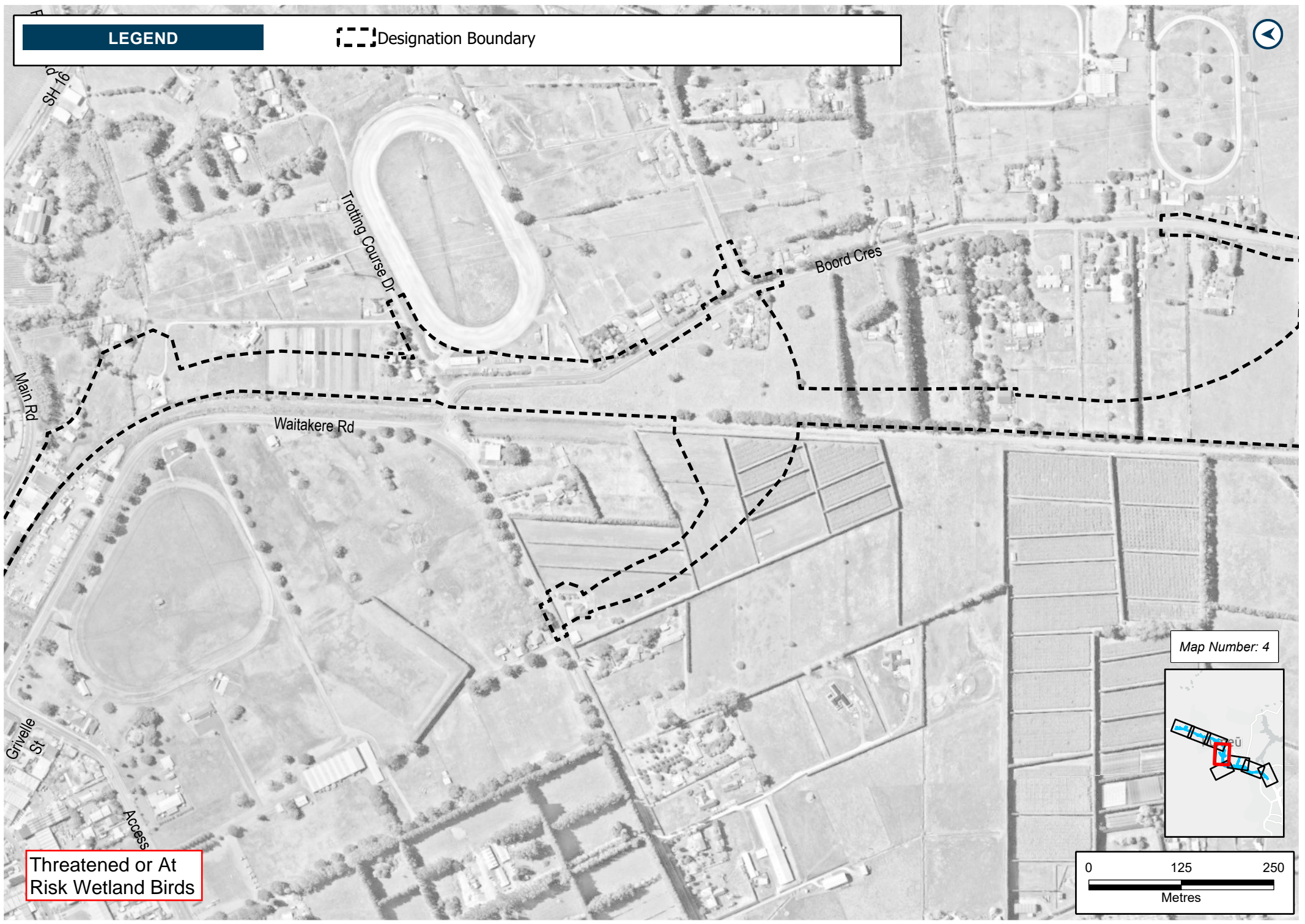
**Threatened or At Risk Wetland Birds**

Map Number: 3





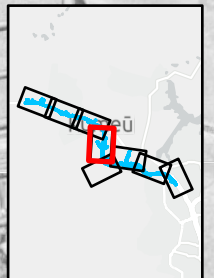
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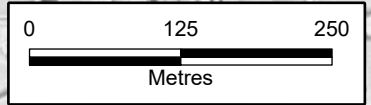
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Map Number: 4



**Threatened or At Risk Wetland Birds**





**LEGEND**      Designation Boundary

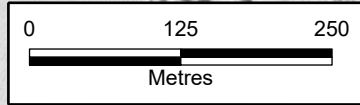
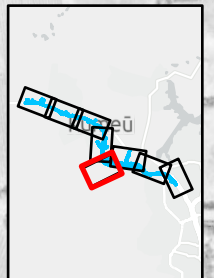


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**Threatened or At Risk Wetland Birds**


Map Number: 5





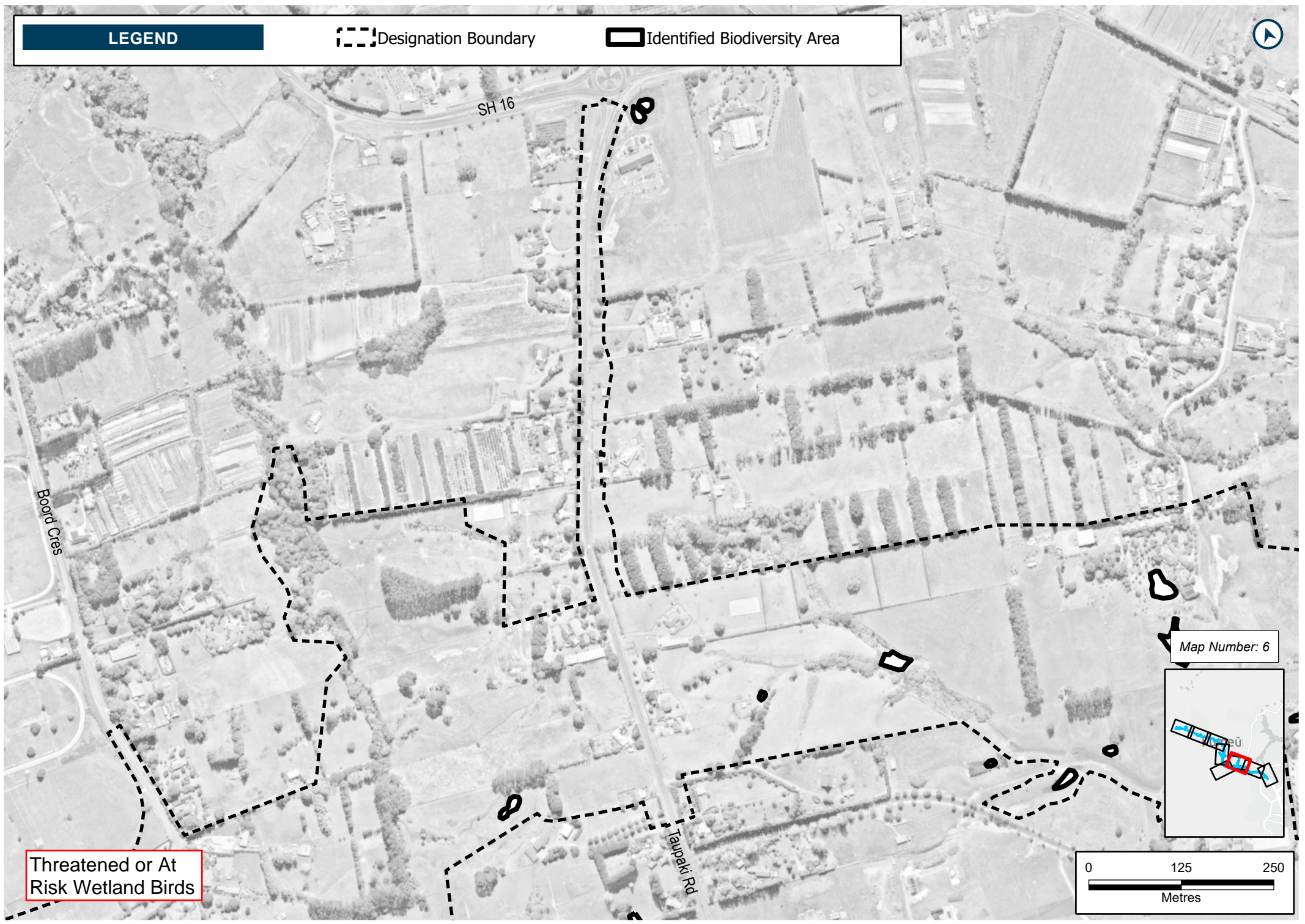
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 Designation Boundary

 Identified Biodiversity Area

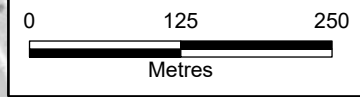


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Threatened or At Risk Wetland Birds

Map Number: 6



**LEGEND**

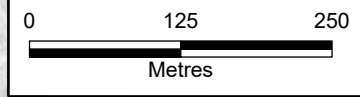
 Designation Boundary

 Identified Biodiversity Area





Threatened or At Risk Wetland Birds

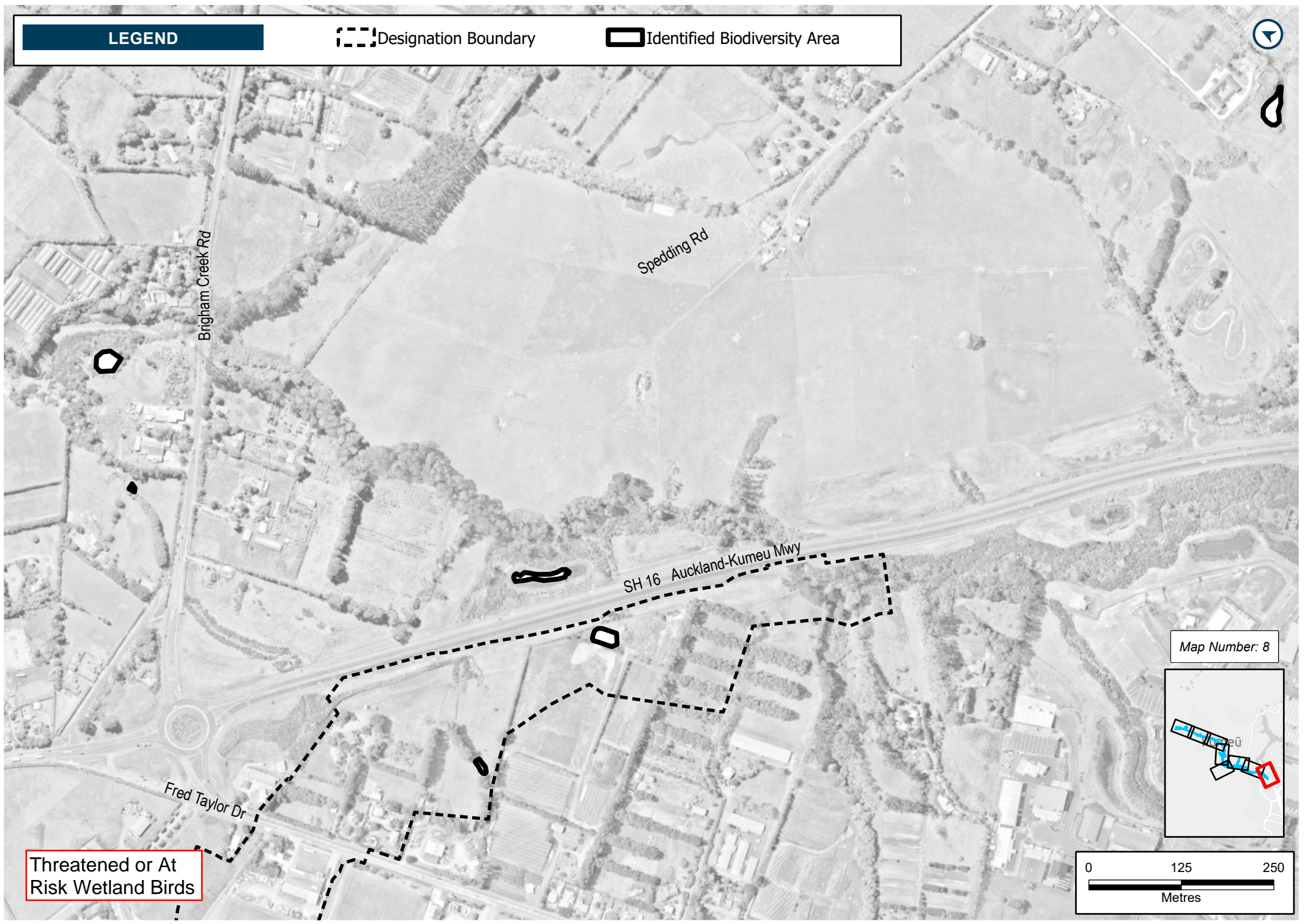
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**LEGEND**

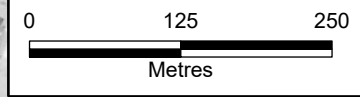
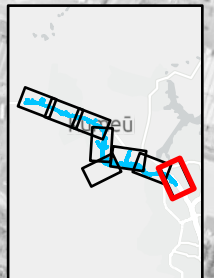
 Designation Boundary

 Identified Biodiversity Area



**Threatened or At Risk Wetland Birds**

Map Number: 8



**Schedule 3: Table 10 of the 2018 EIANZ Guidelines**

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

Ecological Value →	Very high	High	Moderate	Low	Negligible
Magnitude ↓					
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 4: Huapai Tavern Relocation**

**LEGEND**

 Designation Boundary

 Relocation Extent



**Appendix D – NZTA Modifications to NoR KS conditions (clean)**

## [# Council to allocate #] – Kumeū Station

Designation Number	XXXX
Requiring Authority	New Zealand Transport Agency
Location	Main Road, Kumeū.
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

Construction, operation and maintenance of a public transport station 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 Council that the material change to the management plan is certified; or (b) ten 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
Educational facility	Facility used for education to secondary level Includes: <ul style="list-style-type: none"> <li>• schools and outdoor education facilities; and</li> </ul>



	<ul style="list-style-type: none"> <li>accommodation, administrative, cultural, religious, health, retail and communal facilities accessory to the above</li> </ul> <p>Excludes:</p> <ul style="list-style-type: none"> <li>care centres; and</li> <li>tertiary education facilities</li> </ul>
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: <ul style="list-style-type: none"> <li>(a) geotechnical investigations (including trial embankments);</li> <li>(b) archaeological site investigations;</li> <li>(c) formation of access for geotechnical investigations;</li> <li>(d) establishment of site yards, site entrances and fencing;</li> <li>(e) constructing and sealing site access roads;</li> <li>(f) demolition or removal of buildings and structures;</li> <li>(g) relocation of services; and</li> <li>(h) establishment of mitigation measures (such as erosion and sediment control measures, temporary noise walls, earth bunds and planting)</li> </ul>
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: <ul style="list-style-type: none"> <li>Te Kawerau ā Maki</li> <li>Ngāti Whātua o Kaipara</li> <li>Te Ākitai Waiohū</li> </ul>
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 West growth area	Constitutes the Future Urban Zone, or live zoned urban land in Kumeū, Huapai, Redhills, Redhills North, Riverhead and Whenuapai
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: Acoustics – Road-traffic noise – New and altered roads
Requiring Authority	Has the same meaning as section 166 of the RMA and, for this Designation is New Zealand Transport Agency
RMA	Resource Management Act 1991
SCEMP	Stakeholder Communication and Engagement Management Plan

Stakeholder	Stakeholders to be identified in accordance with Condition 3, 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) educational 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

No.	Condition
<b>General conditions</b>	
<b>1.</b>	<p><b>Activity in General Accordance with Plans and Information</b></p> <p>(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</p> <p>(b) Where there is inconsistency between:</p> <ul style="list-style-type: none"> <li>(i) the Project description and concept plan in Schedule 1 and the requirements of the following conditions, the conditions shall prevail;</li> <li>(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.</li> </ul>
<b>2.</b>	<p><b>Project Information</b></p> <p>(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.</p> <p>(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:</p> <ul style="list-style-type: none"> <li>(i) the status of the Project;</li> <li>(ii) anticipated construction timeframes;</li> <li>(iii) contact details for enquiries;</li> <li>(iv) the implications of the designation for landowners, occupiers and business owners and operators within the designation on how / where they can receive additional support following confirmation of the designation;</li> <li>(v) a subscription service to enable receipt of project updates by email;</li> <li>(vi) when and how to apply for consent for works in the designation under section 176(1)(b) of the RMA; and</li> <li>(vii) how/where to access noise modelling contours to inform development adjacent to the designation.</li> </ul> <p>(c) 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.</p>
<b>3.</b>	<p><b>Stakeholder Communication and Engagement</b></p> <p>(a) At least six months prior to the start of detailed design for a Stage of Work, the Requiring Authority shall identify:</p> <ul style="list-style-type: none"> <li>(i) a list of Stakeholders;</li> <li>(ii) a list of properties within the designation which the Requiring Authority does not own or have occupation rights to; and</li> <li>(iii) methods to engage with Stakeholders and the owners and occupiers of properties identified in 3(a)(i) –(ii) above.</li> </ul> <p>(b) A record of (a) shall be submitted with an Outline Plan for the relevant Stage of Work.</p>
<b>4.</b>	<p><b>Designation Review</b></p> <p>As soon as reasonably practicable following Completion of Construction, the Requiring Authority shall:</p> <ul style="list-style-type: none"> <li>(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</li> <li>(ii) give notice to Auckland Council in accordance with section 182 of the RMA for the removal of those parts of the designation identified above.</li> </ul>
<b>5.</b>	<p><b>Lapse</b></p> <p>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.</p>

No.	Condition
6.	<p><b>Network Utility Operators (Section 176 Approval)</b></p> <p>(a) Prior to the start of Construction Works, Network Utility Operators with existing infrastructure will not require written consent under section 176 of the RMA for the following activities:</p> <ul style="list-style-type: none"> <li>(i) operation, maintenance and repair works;</li> <li>(ii) minor renewal works to existing network utilities necessary for the on-going provision or security of supply of network utility operations;</li> <li>(iii) minor works such as new service connections; and</li> <li>(iv) the upgrade and replacement of existing network utilities in the same location with the same or similar effects on the work authorised by the designation as the existing utility.</li> </ul> <p>(b) To the extent that a record of written approval is required for the activities listed above, this condition shall constitute written approval.</p>
<b>Pre-construction conditions</b>	
7.	<p><b>Outline Plan</b></p> <p>(a) An Outline Plan (or Plans) shall be prepared in accordance with section 176A of the RMA.</p> <p>(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.</p> <p>(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:</p> <ul style="list-style-type: none"> <li>(i) Construction Environmental Management Plan;</li> <li>(ii) Construction Traffic Management Plan;</li> <li>(iii) Construction Noise and Vibration Management Plan;</li> <li>(iv) Network Integration Management Plan;</li> <li>(v) Urban and Landscape Design Management Plan;</li> <li>(vi) Historic Heritage Management Plan;</li> <li>(vii) Ecological Management Plan;</li> <li>(viii) Tree Management Plan; and</li> <li>(ix) Network Utilities Management Plan.</li> </ul>
8.	<p><b>Network Utilities Integration</b></p> <p>The Requiring Authority shall consult with Network Utility Operators during the detailed design phase to consider opportunities to enable, or not preclude, the development of new network utility facilities including access to power and ducting within the Project, where practicable to do so. The consultation undertaken, opportunities considered, and whether or not they have been incorporated into the detailed design, shall be summarised in the Outline Plan(s) prepared for the Project.</p>
	<p><b>Flood Hazard</b></p> <p>For the purpose of Condition 9:</p> <ul style="list-style-type: none"> <li>(a) AEP – means Annual Exceedance Probability;</li> <li>(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;</li> <li>(c) Flood prone area – means potential ponding areas that may flood and commonly comprise of topographical depression areas. The areas can occur naturally or as a result of constructed features;</li> <li>(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;</li> <li>(e) Pre-Project development – means existing site condition prior to the Project (including existing buildings and roadways); and</li> <li>(f) Post-Project development – means site condition after the Project has been completed (including existing and new buildings and roadways).</li> </ul>

No.	Condition
9.	<p><b>Flood Hazard</b></p> <p>(a) The Project shall be designed to achieve the following flood risk outcomes:</p> <ul style="list-style-type: none"> <li>(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;</li> <li>(ii) no increase in flood levels in a 1% AEP event for existing authorised community, commercial, industrial and network utility building floors that are already subject to flooding or have a freeboard less than 300mm;</li> <li>(iii) maximum of 50mm increase in water level in a 1% AEP event outside and adjacent to the designation boundaries between the pre and post Project scenarios; and</li> <li>(iv) no increase of Flood Hazard for the main access to authorised habitable dwellings existing at time the Outline Plan is submitted. The assessment shall be undertaken for the 1% AEP rainfall event.</li> <li>(v) Where Flood Hazard is: <ul style="list-style-type: none"> <li>A. velocity x depth greater than or equal to 0.6; or</li> <li>B. depth greater than 0.5m; or</li> <li>C. velocity greater than 2m/s.</li> </ul> </li> </ul> <p>(b) Compliance with this condition shall be demonstrated in the Outline Plan, which shall include flood modelling of the pre-Project and post-Project 1% AEP flood levels (for Maximum Probable Development land use with allowances for climate change).</p> <p>(c) Where the above outcomes 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 varied through agreement with the relevant landowner, confirmation shall be provided that any necessary landowner and statutory approvals have been obtained for that work or alternative outcome.</p>
10.	<p><b>Existing property access</b></p> <p>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 addressed with the affected landowner.</p>
11.	<p><b>Management Plans</b></p> <p>(a) Any management plan shall:</p> <ul style="list-style-type: none"> <li>(i) be prepared and implemented in accordance with the relevant management plan condition;</li> <li>(ii) be prepared by a Suitably Qualified Person(s);</li> <li>(iii) include sufficient detail relating to the management of effects associated with the relevant activities and/or Stage of Work to which it relates;</li> <li>(iv) summarise comments received from Mana Whenua and stakeholders as required by the relevant management plan condition, along with a summary of where comments have: <ul style="list-style-type: none"> <li>A. been incorporated; and</li> <li>B. where not incorporated, the reasons why.</li> </ul> </li> <li>(v) be submitted as part of an Outline Plan pursuant to section 176A of the RMA, with the exception of SCEMPs and CNVMP Schedules;</li> <li>(vi) once finalised, uploaded to the Project website or equivalent virtual information source.</li> </ul> <p>(b) Any management plan developed in accordance with Condition 11 may:</p> <ul style="list-style-type: none"> <li>(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;</li> <li>(ii) except for material changes, be amended to reflect any changes in design, construction methods or management of effects without further process;</li> </ul> <p>(c) 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 Council as an update to the Outline Plan or for Certification as soon as practicable following identification of the need for a revision;</p> <p>(d) Any material changes to the SCEMP(s) are to be submitted to the Council for information.</p>

No.	Condition
12.	<p data-bbox="284 237 1225 271"><b>Stakeholder Communication and Engagement Management Plan (SCEMP)</b></p> <p data-bbox="284 275 1326 360">(a) A SCEMP shall be prepared in consultation with 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.</p> <p data-bbox="284 365 967 398">(b) To achieve the objective, the SCEMP shall include:</p> <ul style="list-style-type: none"> <li data-bbox="355 403 692 436">(i) a list of Stakeholders;</li> <li data-bbox="355 441 1382 495">(ii) a list of properties within the designation which the Requiring Authority does not own or have occupation rights to;</li> <li data-bbox="355 499 1374 553">(iii) methods to engage with Stakeholders and the owners of properties identified in 12(b)(ii) above;</li> <li data-bbox="355 557 1366 642">(iv) 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);</li> <li data-bbox="355 647 1370 701">(v) methods for engaging with Mana Whenua, to be developed in consultation with Mana Whenua;</li> <li data-bbox="355 705 1321 759">(vi) methods and timing to engage with owners and occupiers whose access is directly affected;</li> <li data-bbox="355 763 1374 884">(vii) 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 12(b)(i) and (ii) above; and</li> <li data-bbox="355 889 1374 943">(viii) linkages and cross-references to communication and engagement methods set out in other conditions and management plans where relevant.</li> </ul> <p data-bbox="284 947 1318 1032">(c) Any SCEMP prepared for a Stage of Work shall be submitted to Council for information a minimum of ten working days prior to the Start of Construction for a Stage of Work.</p>
13.	<p data-bbox="284 1043 863 1077"><b>Network Integration Management Plan (NIMP)</b></p> <p data-bbox="284 1081 1362 1167">(a) At least six (6) 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 Network Integration Management Plan (NIMP).</p> <p data-bbox="284 1171 1378 1292">(b) The objective of the NIMP is to identify how the Project will integrate with the planned transport network in the North West growth area to achieve an effective, efficient and safe land transport system. To achieve this objective, the NIMP shall include details of the:</p> <ul style="list-style-type: none"> <li data-bbox="355 1296 1310 1350">(i) Project implementation approach and any staging of the Project, including design, management and operational matters; and</li> <li data-bbox="355 1355 1374 1408">(ii) Sequencing of the Project with the planned transport network, including design, management and operational matters.</li> </ul>

No.	Condition
14.	<p><b>Cultural Advisory Report</b></p> <p>(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.</p> <p>(b) To achieve the objective, the Requiring Authority shall invite Mana Whenua to prepare a Cultural Advisory Report that:</p> <ul style="list-style-type: none"> <li>(i) identifies the cultural sites, landscapes and values that have the potential to be affected by the construction and operation of the Project;</li> <li>(ii) sets out the desired outcomes for management of potential effects on cultural sites, landscapes and values;</li> <li>(iii) identifies traditional cultural practices within the area that may be impacted by the Project;</li> <li>(iv) identifies opportunities for restoration and enhancement of identified cultural sites, landscapes and values within the Project area;</li> <li>(v) taking into account the outcomes of 14(b)(i) to (iv) above, identify cultural matters and principles that should be considered in the development of the ULDMP and HHMP, and the CMP referred to in Condition 20;</li> <li>(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.</li> </ul> <p>(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;</p> <p>(d) Conditions 14(b) and (c) will cease to apply if:</p> <ul style="list-style-type: none"> <li>(i) Mana Whenua have been invited to prepare a Cultural Advisory Report by a date at least six months prior to start of Construction Works; and</li> <li>(ii) Mana Whenua have not provided a Cultural Advisory Report within six months prior to start of Construction Works.</li> </ul>
<b>Urban and Landscape Design Management Plan (ULDMP)</b>	
15.	<p>(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:</p> <ul style="list-style-type: none"> <li>(i) enable integration of the Project's permanent works into the surrounding landscape and urban context; and</li> <li>(ii) ensure that the Project manages potential adverse landscape and visual effects as far as practicable and contributes to a quality urban environment.</li> </ul> <p>(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 Condition 14 may be reflected in the ULDMP.</p> <p>(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</p>

No.	Condition
16.	<p>(a) To achieve the objective set out in Condition 15, the ULDMP(s) shall provide details of how the project:</p> <ul style="list-style-type: none"> <li>(i) is designed to integrate with the adjacent urban (or proposed urban) and landscape context, including the surrounding existing or proposed topography, urban environment (i.e. centres and density of built form), natural environment, landscape character and open space zones;</li> <li>(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;</li> <li>(iii) promotes inclusive access (where appropriate);</li> <li>(iv) promotes a sense of personal safety by aligning with best practice guidelines, such as: <ul style="list-style-type: none"> <li>A. Crime Prevention Through Environmental Design (CPTED) principles;</li> <li>B. Safety in Design (SID) requirements; and</li> <li>C. Maintenance in Design (MID) requirements and anti-vandalism/anti-graffiti measures; and</li> </ul> </li> <li>(v) Interfaces with the operational areas of commercial premises within business zoned land, including loading areas, internal circulation and car parking, where practicable.</li> </ul> <p>(b) The ULDMP shall be prepared in general accordance with:</p> <ul style="list-style-type: none"> <li>(i) Waka Kotahi Urban Design Guidelines: Bridging the Gap (2013) or any subsequent updated version;</li> <li>(ii) NZTA Landscape Guidelines (2018) or any subsequent updated version; and</li> <li>(iii) Waka Kotahi P39 Standard Specification for Highway Landscape Treatments (2013) or any subsequent updated version.</li> </ul>



No.	Condition
17.	<p>The ULDMP(s) shall include:</p> <ul style="list-style-type: none"> <li>(a) a concept plan – which depicts the overall landscape and urban design concept, and explain the rationale for the landscape and urban design proposals;</li> <li>(b) developed design concepts, including principles for walking and cycling facilities and public transport; and</li> <li>(c) landscape and urban design details – that cover the following: <ul style="list-style-type: none"> <li>(i) road design – elements such as intersection form, carriageway gradient and associated earthworks contouring including cut and fill batters, shaped to a natural profile where practicable and appropriate to the surrounding context, 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;</li> <li>(ii) roadside elements – such as lighting, fencing, wayfinding and signage;</li> <li>(iii) architectural and landscape treatment of all major structures, including bridges and retaining walls;</li> <li>(iv) architectural and landscape treatment of noise barriers;</li> <li>(v) landscape treatment and planting of permanent stormwater control wetlands and swales;</li> <li>(vi) integration of passenger transport;</li> <li>(vii) pedestrian and cycle facilities including paths, road crossings and dedicated pedestrian/ cycle bridges or underpasses;</li> <li>(viii) historic heritage places including Huapai Tavern (AUP:OP Schedule 14.1 #00482), with reference to the HHMP (Condition 26); and</li> <li>(ix) re-instatement of construction and site compound areas; and</li> <li>(x) re-instatement of features to be retained such as: <ul style="list-style-type: none"> <li>A. boundary features;</li> <li>B. landscaping;</li> <li>C. driveways;</li> <li>D. accessways; and</li> <li>E. fences.</li> </ul> </li> </ul> </li> <li>(d) The ULDMP shall also include the following planting details and maintenance requirements: <ul style="list-style-type: none"> <li>(i) planting design details including: <ul style="list-style-type: none"> <li>A. identification of existing trees and vegetation that will be retained with reference to the TMP and Ecological Management Plan. Where practicable, mature trees and native vegetation should be retained;</li> <li>B. street trees, shrubs and ground cover suitable for the location;</li> <li>C. treatment of fill slopes to integrate with adjacent land use, streams, Riparian margins and open space zones;</li> <li>D. identification of any planting requirements under the Ecological Management Plan (Conditions 28) and TMP (Condition 29); and</li> <li>E. integration of any planting requirements required by conditions of any resource consents for the project;</li> </ul> </li> <li>(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 works in each Stage of Work; and</li> <li>(iii) detailed specifications relating to the following: <ul style="list-style-type: none"> <li>A. weed control and clearance;</li> <li>B. pest animal management (to support plant establishment);</li> <li>C. ground preparation (top soiling and decompaction);</li> <li>D. mulching; and</li> <li>E. plant sourcing and planting, including hydroseeding and grassing, and use of eco-sourced species</li> </ul> </li> </ul> </li> </ul>
<b>Specific Outline Plan requirements</b>	
<b>Construction conditions</b>	

No.	Condition
18.	<p data-bbox="284 237 983 271"><b>Construction Environmental Management Plan (CEMP)</b></p> <p data-bbox="284 275 1366 394">(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.</p> <p data-bbox="284 398 1391 1155">(b) To achieve the objective, the CEMP shall include:</p> <ul style="list-style-type: none"> <li data-bbox="355 427 1059 461">(i) the roles and responsibilities of staff and contractors;</li> <li data-bbox="355 465 1366 521">(ii) details of the site or project manager and the Project Liaison Person, including their contact details (phone and email address);</li> <li data-bbox="355 526 1286 582">(iii) the Construction Works programmes and the staging approach, and the proposed hours of work;</li> <li data-bbox="355 586 1366 642">(iv) details of the proposed construction yards including temporary screening when adjacent to residential zones;</li> <li data-bbox="355 647 959 680">(v) details of the proposed construction lighting;</li> <li data-bbox="355 685 1286 741">(vi) methods for controlling dust and the removal of debris and demolition of construction materials from public roads or places;</li> <li data-bbox="355 745 1241 779">(vii) methods for providing for the health and safety of the general public;</li> <li data-bbox="355 784 1382 857">(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;</li> <li data-bbox="355 862 879 896">(ix) procedures for incident management;</li> <li data-bbox="355 900 1286 956">(x) location and procedures for the refuelling and maintenance of plant and equipment to avoid discharges of fuels or lubricants to watercourses;</li> <li data-bbox="355 960 1382 1034">(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;</li> <li data-bbox="355 1039 1366 1113">(xii) summary of measures included to respond to matters raised in engagement, if not already covered above;</li> <li data-bbox="355 1117 1286 1151">(xiii) procedures for responding to complaints about Construction Works; and</li> <li data-bbox="355 1155 1142 1189">(xiv) methods for amending and updating the CEMP as required.</li> </ul>
19.	<p data-bbox="284 1167 544 1200"><b>Complaints Register</b></p> <p data-bbox="284 1205 1382 1261">(a) At all times during Construction Works, a record of any complaints received about the Construction Works shall be maintained. The record shall include:</p> <ul style="list-style-type: none"> <li data-bbox="355 1265 938 1299">(i) the date, time and nature of the complaint;</li> <li data-bbox="355 1303 1254 1359">(ii) the name, phone number and address of the complainant (unless the complainant wishes to remain anonymous);</li> <li data-bbox="355 1364 1382 1438">(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;</li> <li data-bbox="355 1442 1091 1476">(iv) the outcome of the investigation into the complaint; and</li> <li data-bbox="355 1480 1318 1554">(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.</li> </ul> <p data-bbox="284 1559 1366 1594">(b) A copy of the Complaints Register required by this condition shall be made available to the Manager upon request as soon as practicable after the request is made.</p>

No.	Condition
20.	<p><b>Cultural Monitoring Plan (CMP)</b></p> <p>(a) Prior to the start of Construction Works, 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.</p> <p>(b) To achieve the objective, the CMP shall include:</p> <ul style="list-style-type: none"> <li>(i) Requirements for formal dedication or cultural interpretation to be undertaken prior to start of Construction Works in areas identified as having significance to Mana Whenua;</li> <li>(ii) Requirements and protocols for cultural inductions for contractors and subcontractors;</li> <li>(iii) Identification of activities, sites and areas where cultural monitoring is required during particular Construction Works;</li> <li>(iv) Identification of personnel to undertake cultural monitoring, including any geographic definition of their responsibilities; and</li> <li>(v) Details of personnel to assist with management of any cultural effects identified during cultural monitoring, including implementation of the Accidental Discovery Protocol</li> </ul> <p>(c) If Enabling Works involving soil disturbance are undertaken prior to the start of Construction Works, 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.</p>
	<p><b>Advice note:</b></p> <p>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.</p>

No.	Condition
21.	<p data-bbox="284 237 877 271"><b>Construction Traffic Management Plan (CTMP)</b></p> <p data-bbox="284 275 1364 360">(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.</p> <p data-bbox="284 365 949 398">(b) To achieve this objective, the CTMP shall include:</p> <ul style="list-style-type: none"> <li data-bbox="355 403 1348 459">(i) methods to manage the effects of temporary traffic management activities on traffic;</li> <li data-bbox="355 463 1053 497">(ii) measures to ensure the safety of all transport users;</li> <li data-bbox="355 501 1380 667">(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 educational facilities or to manage traffic congestion;</li> <li data-bbox="355 672 1380 761">(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;</li> <li data-bbox="355 766 1284 855">(v) identification of detour routes and other methods to ensure the safe management and maintenance of traffic flows, including public transport services, pedestrians and cyclists;</li> <li data-bbox="355 860 1380 916">(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. Engagement with landowners or occupiers whose access is directly affected shall be undertaken in accordance with the SCEMP;</li> <li data-bbox="355 920 1380 987">(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;</li> <li data-bbox="355 992 1380 1081">(viii) methods that will be undertaken to communicate traffic management measures to affected road users (e.g. residents / public / stakeholders / emergency services);</li> <li data-bbox="355 1086 1380 1176">(ix) details of minimum network performance parameters during the construction phase, including any measures to monitor compliance with the performance parameters; and</li> <li data-bbox="355 1180 1380 1247">(x) details of any measures proposed to be implemented in the event of thresholds identified in 21(b)(ix) being exceeded.</li> </ul> <p data-bbox="284 1252 1284 1339">(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.</p>

No.	Condition																																																										
22.	<p data-bbox="280 235 671 266"><b>Construction Noise Standards</b></p> <p data-bbox="280 271 1299 369">(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:</p> <p data-bbox="280 405 756 436"><b>Table 22-1 Construction Noise Standards</b></p> <table border="1" data-bbox="280 454 1259 1025"> <thead> <tr> <th data-bbox="280 454 528 486">Day of week</th> <th data-bbox="528 454 772 486">Time period</th> <th data-bbox="772 454 1016 486">L<sub>Aeq</sub>(15min)</th> <th data-bbox="1016 454 1259 486">L<sub>AFmax</sub></th> </tr> </thead> <tbody> <tr> <td colspan="4" data-bbox="280 490 1259 521"><b>Occupied activity sensitive to noise</b></td> </tr> <tr> <td data-bbox="280 526 528 656" rowspan="4">Weekday</td> <td data-bbox="528 526 772 557">0630h - 0730h</td> <td data-bbox="772 526 1016 557">55 dB</td> <td data-bbox="1016 526 1259 557">75 dB</td> </tr> <tr> <td data-bbox="528 557 772 589">0730h - 1800h</td> <td data-bbox="772 557 1016 589">70 dB</td> <td data-bbox="1016 557 1259 589">85 dB</td> </tr> <tr> <td data-bbox="528 589 772 620">1800h - 2000h</td> <td data-bbox="772 589 1016 620">65 dB</td> <td data-bbox="1016 589 1259 620">80 dB</td> </tr> <tr> <td data-bbox="528 620 772 656">2000h - 0630h</td> <td data-bbox="772 620 1016 656">45 dB</td> <td data-bbox="1016 620 1259 656">75 dB</td> </tr> <tr> <td data-bbox="280 660 528 790" rowspan="4">Saturday</td> <td data-bbox="528 660 772 692">0630h - 0730h</td> <td data-bbox="772 660 1016 692">45 dB</td> <td data-bbox="1016 660 1259 692">75 dB</td> </tr> <tr> <td data-bbox="528 692 772 723">0730h - 1800h</td> <td data-bbox="772 692 1016 723">70 dB</td> <td data-bbox="1016 692 1259 723">85 dB</td> </tr> <tr> <td data-bbox="528 723 772 754">1800h - 2000h</td> <td data-bbox="772 723 1016 754">45 dB</td> <td data-bbox="1016 723 1259 754">75 dB</td> </tr> <tr> <td data-bbox="528 754 772 790">2000h - 0630h</td> <td data-bbox="772 754 1016 790">45 dB</td> <td data-bbox="1016 754 1259 790">75 dB</td> </tr> <tr> <td data-bbox="280 795 528 925" rowspan="4">Sunday and Public Holidays</td> <td data-bbox="528 795 772 826">0630h - 0730h</td> <td data-bbox="772 795 1016 826">45 dB</td> <td data-bbox="1016 795 1259 826">75 dB</td> </tr> <tr> <td data-bbox="528 826 772 857">0730h - 1800h</td> <td data-bbox="772 826 1016 857">55 dB</td> <td data-bbox="1016 826 1259 857">85 dB</td> </tr> <tr> <td data-bbox="528 857 772 889">1800h - 2000h</td> <td data-bbox="772 857 1016 889">45 dB</td> <td data-bbox="1016 857 1259 889">75 dB</td> </tr> <tr> <td data-bbox="528 889 772 925">2000h - 0630h</td> <td data-bbox="772 889 1016 925">45 dB</td> <td data-bbox="1016 889 1259 925">75 dB</td> </tr> <tr> <td colspan="4" data-bbox="280 929 1259 960"><b>Other occupied buildings</b></td> </tr> <tr> <td data-bbox="280 965 528 1028" rowspan="2">All</td> <td data-bbox="528 965 772 996">0730h – 1800h</td> <td data-bbox="772 965 1016 996">70 dB</td> <td data-bbox="1016 965 1259 1028"></td> </tr> <tr> <td data-bbox="528 996 772 1028">1800h – 0730h</td> <td data-bbox="772 996 1016 1028">75 dB</td> <td data-bbox="1016 996 1259 1028"></td> </tr> </tbody> </table> <p data-bbox="280 1030 1347 1090">(b) Where compliance with the noise standards set out in Table 22-1 is not practicable, the methodology in Condition 25 shall apply.</p>	Day of week	Time period	L <sub>Aeq</sub> (15min)	L <sub>AFmax</sub>	<b>Occupied activity sensitive to noise</b>				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	<b>Other occupied buildings</b>				All	0730h – 1800h	70 dB		1800h – 0730h	75 dB	
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	1800h – 0730h	75 dB																																																									

No.	Condition																						
23.	<p data-bbox="284 237 715 264"><b>Construction Vibration Standards</b></p> <p data-bbox="284 275 1326 398">(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 Table 23-1 as far as practicable.</p> <p data-bbox="284 439 794 465"><b>Table 23-1 Construction Vibration Standards</b></p> <table border="1" data-bbox="284 488 1225 869"> <thead> <tr> <th data-bbox="284 488 518 521">Receiver</th> <th data-bbox="526 488 751 521">Details</th> <th data-bbox="759 488 984 521">Category A*</th> <th data-bbox="992 488 1225 521">Category B*</th> </tr> </thead> <tbody> <tr> <td data-bbox="284 533 518 645" rowspan="2">Occupied activities sensitive to noise</td> <td data-bbox="526 533 751 589">Night-time 2000h - 0630h</td> <td data-bbox="759 533 984 589">0.3mm/s ppv</td> <td data-bbox="992 533 1225 589">1mm/s ppv</td> </tr> <tr> <td data-bbox="526 600 751 645">Daytime 0630h - 2000h</td> <td data-bbox="759 600 984 645">1mm/s ppv</td> <td data-bbox="992 600 1225 645">5mm/s ppv</td> </tr> <tr> <td data-bbox="284 656 518 712">Other occupied buildings</td> <td data-bbox="526 656 751 712">Daytime 0630h - 2000h</td> <td data-bbox="759 656 984 712">2mm/s ppv</td> <td data-bbox="992 656 1225 712">5mm/s ppv</td> </tr> <tr> <td data-bbox="284 723 518 869" rowspan="2">All other buildings</td> <td data-bbox="526 723 751 779">At all other times Vibration transient</td> <td data-bbox="759 723 984 779">5mm/s ppv</td> <td data-bbox="992 723 1225 779">BS 5228-2** Table B2</td> </tr> <tr> <td data-bbox="526 790 751 869">At all other times Vibration continuous</td> <td data-bbox="759 790 984 869">5mm/s ppv</td> <td data-bbox="992 790 1225 869">BS 5228-2** 50% of Table B2 values</td> </tr> </tbody> </table> <p data-bbox="284 880 1326 925">* Refer to NZTA State highway construction and maintenance noise and vibration guide for further explanation regarding Category A and B criteria</p> <p data-bbox="284 936 1350 981">** BS 5228-2:2009 'Code of practice for noise and vibration control on construction and open sites – Part 2: Vibration'</p> <p data-bbox="284 992 1382 1059">(b) Where compliance with the vibration standards set out in Table 23-1 is not practicable, the methodology in Condition 25 shall apply.</p> <p data-bbox="284 1070 1382 1137">(c) If measured or predicted vibration from construction activities exceeds the Category A criteria, a Suitably Qualified Person shall assess and manage construction vibration during those activities.</p> <p data-bbox="284 1149 1382 1216">(d) If measured or predicted vibration from construction activities exceeds the Category B criteria those activities must only proceed if vibration effects on affected buildings are assessed, monitored and mitigated by a Suitably Qualified Person.</p>	Receiver	Details	Category A*	Category B*	Occupied activities sensitive to noise	Night-time 2000h - 0630h	0.3mm/s ppv	1mm/s ppv	Daytime 0630h - 2000h	1mm/s ppv	5mm/s ppv	Other occupied buildings	Daytime 0630h - 2000h	2mm/s ppv	5mm/s ppv	All other buildings	At all other times Vibration transient	5mm/s ppv	BS 5228-2** Table B2	At all other times Vibration continuous	5mm/s ppv	BS 5228-2** 50% of Table B2 values
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No.	Condition
24.	<p data-bbox="284 237 1066 271"><b>Construction Noise and Vibration Management Plan (CNVMP)</b></p> <p data-bbox="284 275 1358 454">(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.</p> <p data-bbox="284 459 1374 548">(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:</p> <ul style="list-style-type: none"> <li data-bbox="355 553 1177 586">(i) description of the works and anticipated equipment/processes;</li> <li data-bbox="355 591 1374 647">(ii) hours of operation, including times and days when construction activities would occur;</li> <li data-bbox="355 651 1161 685">(iii) the construction noise and vibration standards for the project;</li> <li data-bbox="355 689 1246 723">(iv) identification of receivers where noise and vibration standards apply;</li> <li data-bbox="355 728 1366 804">(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;</li> <li data-bbox="355 808 1366 864">(vi) methods and frequency for monitoring and reporting on construction noise and vibration;</li> <li data-bbox="355 869 1318 981">(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.</li> <li data-bbox="355 985 963 1019">(viii) contact details of the Project Liaison Person;</li> <li data-bbox="355 1023 1382 1099">(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;</li> <li data-bbox="355 1104 1358 1216">(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 A or Category B will not be practicable;</li> <li data-bbox="355 1220 1358 1276">(xi) identification of trigger levels for undertaking building condition surveys, which shall be below Category B day time levels;</li> <li data-bbox="355 1281 1366 1370">(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;</li> <li data-bbox="355 1375 1366 1464">(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</li> <li data-bbox="355 1469 1043 1503">(xiv) requirements for review and update of the CNVMP.</li> </ul>

No.	Condition
25.	<p data-bbox="282 237 560 268"><b>Schedule to a CNVMP</b></p> <p data-bbox="282 275 1374 360">(a) A Schedule to the CNVMP (Schedule) shall be prepared prior to the start of the construction to which it relates by a Suitably Qualified Person, in consultation with the owners and occupiers of sites subject to the Schedule, when:</p> <ul style="list-style-type: none"> <li data-bbox="357 367 1273 427">(i) Construction noise is either predicted or measured to exceed the noise standards in Condition 22</li> <li data-bbox="357 434 1382 495">(ii) Construction vibration is either predicted or measured to exceed the Category A standard at the receivers in Condition 23.</li> </ul> <p data-bbox="282 501 1342 577">(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.</p> <p data-bbox="282 584 1166 616">(c) To achieve the objective, the Schedule shall include details such as:</p> <ul style="list-style-type: none"> <li data-bbox="357 622 1034 654">(i) construction activity location, start and finish times;</li> <li data-bbox="357 660 1034 692">(ii) the nearest neighbours to the construction activity;</li> <li data-bbox="357 698 1374 775">(iii) the predicted noise and/or vibration level for all receivers where the levels are predicted or measured to exceed the applicable standards in Conditions 22 and 23 and the predicted duration of the exceedance;</li> <li data-bbox="357 781 1362 857">(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;</li> <li data-bbox="357 864 1350 925">(v) the proposed mitigation options that have been selected, and the options that have been discounted as being impracticable and the reasons why;</li> <li data-bbox="357 931 1369 1008">(vi) a summary of 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</li> <li data-bbox="357 1014 895 1046">(vii) location, times and types of monitoring.</li> </ul> <p data-bbox="282 1052 1374 1196">(d) The Schedule shall be submitted to the Manager for information at least 5 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. If any comments are received from the Manager, these shall be considered by the Requiring Authority prior to implementation of the Schedule.</p> <p data-bbox="282 1202 1369 1368">(e) 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 information 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.</p>



**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).
  - (x) For Huapai Tavern (AUP:OP Schedule 14.1 #00482) measures and methods shall be identified to:
    - A. appropriately avoid, remedy or mitigate adverse construction effects from the re-location of the buildings;
    - B. appropriately re-locate the Huapai Tavern (AUP:OP Schedule 14.1 #00482) within the area identified in Schedule 4 in a manner that respects the heritage value of the buildings;
    - C. identify non-original additions to the Huapai Tavern which may be removed without compromising the heritage values of the building; and
    - D. identify long term protection management of heritage elements of the buildings

No.	Condition
	<p data-bbox="282 271 443 297"><b>Advice note:</b></p> <p data-bbox="282 306 576 333"><b>Accidental Discoveries</b></p> <p data-bbox="282 342 1362 432">The requirements for accidental discoveries of heritage items are set out in Rule E11.6.1 of the AUP and in the NZTA Minimum Standard P45 Accidental Archaeological Discovery Specification, or any subsequent version.</p> <p data-bbox="282 463 1378 553">The Huapai Tavern is scheduled under the AUP(OP). Long term protection management will be identified though Condition 26(b)(x)(D) until the extent of place is amended through a Plan Change process to reflect the new location once relocated.</p>

No.	Condition
27.	<p data-bbox="284 237 742 271"><b>Pre-Construction Ecological Survey</b></p> <p data-bbox="284 275 1374 360">(a) At the start of detailed design for a Stage of Work, an updated ecological survey shall be undertaken by a Suitably Qualified Person. The purpose of the survey is to inform ecological management by:</p> <ul style="list-style-type: none"> <li data-bbox="355 365 1366 427">(i) confirming whether the species of value within the Identified Biodiversity Areas recorded in the Identified Biodiversity Area Schedule 2 are still present; and</li> <li data-bbox="355 432 1374 577">(ii) confirming whether the project will or may have a moderate or greater level of ecological effect on ecological species of value, prior to implementation of impact management measures with the level of effect to be determined in accordance with Table 10 of the EIANZ guidelines as included in Schedule 3 to these conditions (or subsequent updated version of the table).</li> </ul> <p data-bbox="284 582 1366 685">(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).</p>

**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 of Confirmed Biodiversity Areas as far as practicable.
- (b) To achieve the objective, the EMP shall set out the methods which may include:
  - (i) If an EMP is required in accordance with Condition 27(b) for the presence of long tail bats:
    - A. measures to minimise as far as practicable, disturbance from construction activities within the vicinity of any active long tail bat roosts (including maternity) that are discovered through survey until such roosts are confirmed to be vacant of bats;
    - B. how the timing of any construction work in the vicinity of any maternity long tail bat roosts will be limited to outside the bat maternity period (between December and March) where reasonably practicable;
    - C. details of areas where vegetation is to be retained where practicable for the purposes of the connectivity of long tail bats;
    - D. details of how bat connectivity will be provided and maintained (e.g. through the presence of suitable indigenous or exotic trees or artificial alternatives). This could include identification of areas and timeframes for establishment of advance restoration / mitigation planting taking into account land ownership, accessibility and the timing of available funding, measures to manage the effects of light spill on bat connectivity as far as practicable; and
    - E. where mitigation to minimise effects is not practicable, details of any offsetting proposed.
  - (ii) If an EMP is required in accordance with Condition 27(b) for the presence of threatened or at risk wetland birds:
    - A. how the timing of any Construction Works shall be undertaken outside of the bird breeding season (September to February) where practicable;
    - B. where works are required within the Confirmed Biodiversity Area during the bird season, methods to minimise adverse effects on Threatened or At-Risk wetland birds;
    - C. undertaking a nesting bird survey of Threatened or At-Risk wetland birds prior to any Construction Works taking place within a 50m radius of any identified Wetlands (including establishment of construction areas adjacent to Wetlands). Surveys should be repeated at the beginning of each wetland bird breeding season and following periods of construction inactivity;
    - D. what protection and buffer measures will be provided where nesting Threatened or At-Risk wetland birds are identified within 50m of any construction area (including laydown areas). Measures could include:
      - a. a 20 m buffer area around the nest location and retaining vegetation. The buffer areas should be demarcated where necessary to protect birds from encroachment. This might include the use of marker poles, tape and signage;
      - b. monitoring of the nesting Threatened or At-Risk wetland birds by a Suitably Qualified Person. Construction works within the 20m nesting buffer areas should not occur until the Threatened or At-Risk wetland birds have fledged from the nest location (approximately 30 days from egg laying to fledging) as confirmed by a Suitably Qualified Person;
      - c. minimising the disturbance from the works if construction works are required within 50 m of a nest, as advised by a Suitably Qualified Person;
      - d. adopting a 10m setback where practicable, between the edge of Wetlands and construction areas (along the edge of the stockpile / laydown area); and
      - e. minimising light spill from construction areas into Wetlands

No.	Condition
	<p>(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.</p> <p><b>Advice note:</b> Depending on the potential effects of the Project, the regional consents for the Project may include the following monitoring and management plans:</p> <ul style="list-style-type: none"> <li>(i) Stream and/or wetland restoration plans;</li> <li>(ii) Vegetation restoration plans; and</li> <li>(iii) Fauna management plans (eg avifauna, herpetofauna, bats).</li> </ul>
<p><b>29.</b></p>	<p><b>Tree Management Plan (TMP)</b></p> <p>(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 as protected or notable in the Auckland Unitary Plan.</p> <p>(b) To achieve the objective, the TMP shall:</p> <ul style="list-style-type: none"> <li>(i) confirm the trees that will be affected by the project work and are identified as protected or notable in the Auckland Unitary Plan; and</li> <li>(ii) demonstrate how the design and location of project works has avoided, remedied or mitigated any effects on any tree identified in 29(b)(i) above. This may include: <ul style="list-style-type: none"> <li>A. any opportunities to relocate listed trees where practicable.</li> <li>B. planting to replace trees that require removal (with reference to the ULDMP planting design details in Condition 17);</li> <li>C. tree protection zones and tree protection measures such as protective fencing, ground protection and physical protection of roots, trunks and branches; and</li> <li>D. methods for work within the rootzone of trees that are to be retained in line with accepted arboricultural standards.</li> </ul> </li> <li>(iii) demonstrate how the tree management measures (outlined in 29(b)(ii)A – D above) are consistent with conditions of any resource consents granted for the project in relation to managing construction effects on trees.</li> </ul>
<p><b>30.</b></p>	<p><b>Network Utility Management Plan (NUMP)</b></p> <p>(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.</p> <p>(b) To achieve the objective, the NUMP shall include methods to:</p> <ul style="list-style-type: none"> <li>(i) provide access for maintenance at all reasonable times, or emergency works at all times during construction activities;</li> <li>(ii) protect and where necessary, relocate existing network utilities;</li> <li>(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;</li> <li>(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.</li> </ul> <p>(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.</p> <p>(d) Any comments received from the Network Utility Operator shall be considered when finalising the NUMP.</p> <p>(e) Any amendments to the NUMP related to the assets of a Network Utility Operator shall be prepared in consultation with that asset owner.</p>
	<p><b>Operational conditions</b></p>

No.	Condition							
31.	<p data-bbox="284 241 1396 275"><b>Station Noise</b></p> <p data-bbox="284 275 1396 365">All mechanical and electrical services (including Public Address system) shall be designed to comply with the following noise rating levels and maximum noise levels, as measured and assessed at any residential zone site boundary:</p> <table border="1" data-bbox="292 376 933 501"> <thead> <tr> <th data-bbox="292 376 614 403">Time</th> <th data-bbox="614 376 933 403">Noise level</th> </tr> </thead> <tbody> <tr> <td data-bbox="292 403 614 430">Monday to Saturday 7am-10pm</td> <td data-bbox="614 403 933 430" rowspan="2">50dB L<sub>Aeq</sub></td> </tr> <tr> <td data-bbox="292 430 614 456">Sunday 9am-6pm</td> </tr> <tr> <td data-bbox="292 456 614 501">All other times</td> <td data-bbox="614 456 933 501">40dB L<sub>Aeq</sub> 75dB L<sub>AFmax</sub></td> </tr> </tbody> </table>	Time	Noise level	Monday to Saturday 7am-10pm	50dB L <sub>Aeq</sub>	Sunday 9am-6pm	All other times	40dB L <sub>Aeq</sub> 75dB L <sub>AFmax</sub>
Time	Noise level							
Monday to Saturday 7am-10pm	50dB L <sub>Aeq</sub>							
Sunday 9am-6pm								
All other times	40dB L <sub>Aeq</sub> 75dB L <sub>AFmax</sub>							

## Attachments

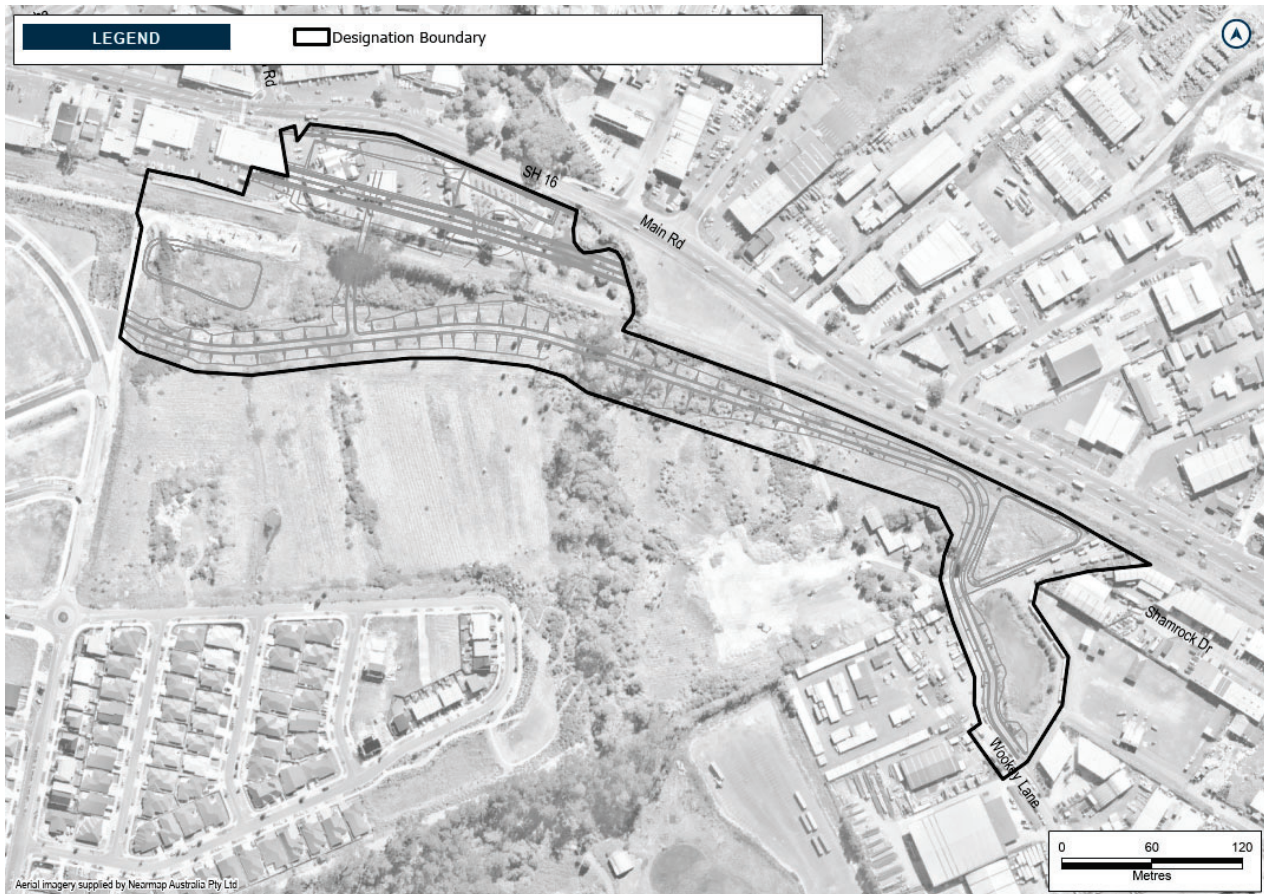
## Schedule 1: General Accordance Plans and Information

### Project Description

The proposed work is the construction, operation, and maintenance of a rapid transit station in Kumeū, including active transport facilities and associated infrastructure. The proposed work is shown in the following Concept Plan and includes:

- (a) A new rapid transit station, including active transport facilities;
- (b) Associated works including transport interchange facilities, accessway, bridges, embankments, retaining, culverts, stormwater management systems; and
- (c) Construction activities, including vegetation removal, construction compounds, laydown areas, bridge works area, construction traffic management and the re-grade of driveways.

### Concept Plan





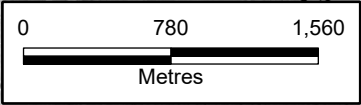
## **Schedule 2: Identified Biodiversity Areas**




**LEGEND**


 Designation Boundary

 Identified Biodiversity Area



**LEGEND**

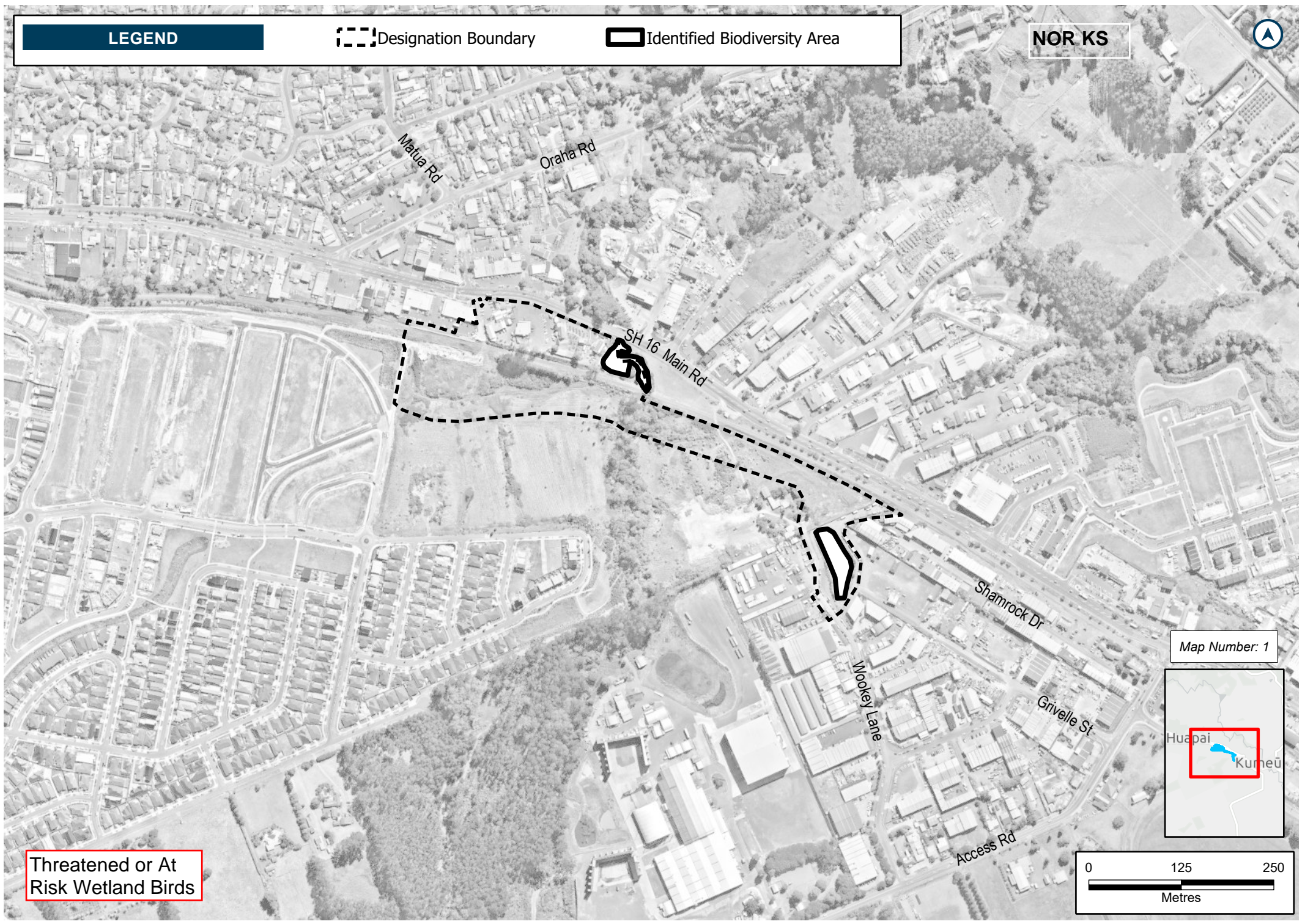
 Designation Boundary

 Identified Biodiversity Area

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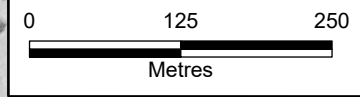
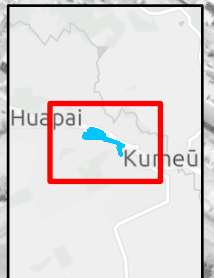


Name of Map: SGA-EC-NW-036-Strategic-Kumeu-Sm-Bird-Mitigation  
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**Threatened or At Risk Wetland Birds**

Map Number: 1



**Schedule 3: Table 10 of the 2018 EIANZ Guidelines**

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

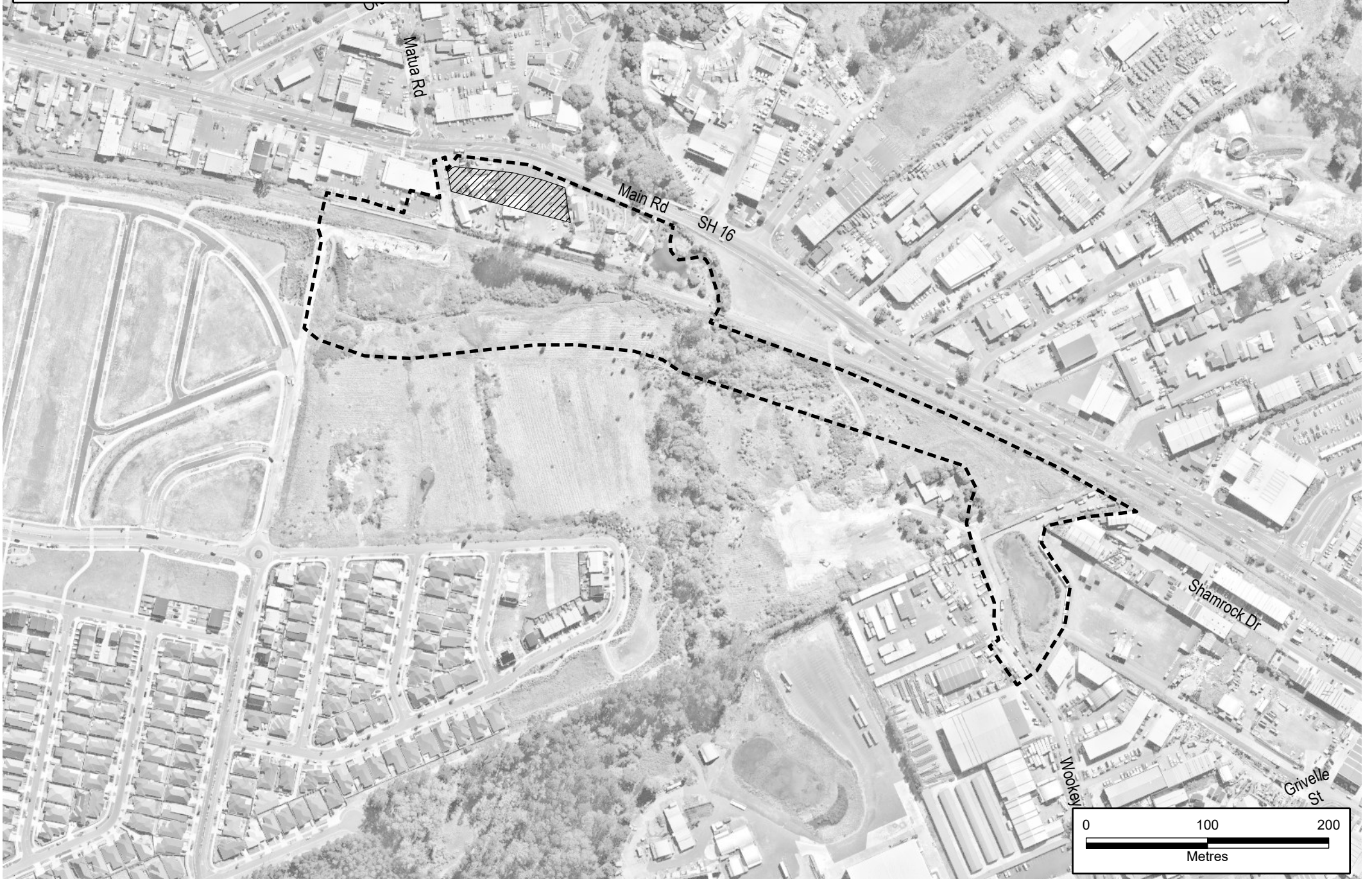
Ecological Value →	Very high	High	Moderate	Low	Negligible
Magnitude ↓					
Very high	Very high	Very high	High	Moderate	Low
High	Very high	Very high	Moderate	Low	Very low
Moderate	High	High	Moderate	Low	Very low
Low	Moderate	Low	Low	Very low	Very low
Negligible	Low	Very low	Very low	Very low	Very low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

## **Schedule 4: Huapai Tavern Relocation**

**LEGEND**

 Designation Boundary

 Relocation Extent



**Appendix E – NZTA Modifications to NoR HS conditions (clean)**

**[# Council to allocate #] – Huapai Station**

Designation Number	XXXX
Requiring Authority	New Zealand Transport Agency
Location	Meryl Avenue, between Matua Road and State Highway 16, Huapai.
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

Construction, operation and maintenance of a public transport station 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 Council that the material change to the management plan is certified; or (b) ten 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
Educational facility	Facility used for education to secondary level Includes:



	<ul style="list-style-type: none"> <li>schools and outdoor education facilities; and</li> <li>accommodation, administrative, cultural, religious, health, retail and communal facilities accessory to the above</li> </ul> <p>Excludes:</p> <ul style="list-style-type: none"> <li>care centres; and</li> <li>tertiary education facilities</li> </ul>
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: <ul style="list-style-type: none"> <li>(a) geotechnical investigations (including trial embankments);</li> <li>(b) archaeological site investigations;</li> <li>(c) formation of access for geotechnical investigations;</li> <li>(d) establishment of site yards, site entrances and fencing;</li> <li>(e) constructing and sealing site access roads;</li> <li>(f) demolition or removal of buildings and structures;</li> <li>(g) relocation of services; and</li> <li>(h) establishment of mitigation measures (such as erosion and sediment control measures, temporary noise walls, earth bunds and planting)</li> </ul>
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: <ul style="list-style-type: none"> <li>Te Kawerau ā Maki</li> <li>Ngāti Whātua o Kaipara</li> <li>Te Ākitai Waiohū</li> </ul>
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 West growth area	Constitutes the Future Urban Zone, or live zoned urban land in Kumeū, Huapai, Redhills, Redhills North, Riverhead and Whenuapai
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: Acoustics – Road-traffic noise – New and altered roads
Requiring Authority	Has the same meaning as section 166 of the RMA and, for this Designation is New Zealand Transport Agency
RMA	Resource Management Act 1991

SCEMP	Stakeholder Communication and Engagement Management Plan
Stakeholder	Stakeholders to be identified in accordance with Condition 3, 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) educational 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

No.	Condition
<b>General conditions</b>	
<b>1.</b>	<p><b>Activity in General Accordance with Plans and Information</b></p> <p>(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</p> <p>(b) Where there is inconsistency between:</p> <ul style="list-style-type: none"> <li>(i) the Project description and concept plan in Schedule 1 and the requirements of the following conditions, the conditions shall prevail;</li> <li>(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.</li> </ul>
<b>2.</b>	<p><b>Project Information</b></p> <p>(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.</p> <p>(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:</p> <ul style="list-style-type: none"> <li>(i) the status of the Project;</li> <li>(ii) anticipated construction timeframes;</li> <li>(iii) contact details for enquiries;</li> <li>(iv) the implications of the designation for landowners, occupiers and business owners and operators within the designation on how / where they can receive additional support following confirmation of the designation;</li> <li>(v) a subscription service to enable receipt of project updates by email;</li> <li>(vi) when and how to apply for consent for works in the designation under section 176(1)(b) of the RMA; and</li> <li>(vii) how/where to access noise modelling contours to inform development adjacent to the designation.</li> </ul> <p>(c) 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.</p>
<b>3.</b>	<p><b>Stakeholder Communication and Engagement</b></p> <p>(a) At least six months prior to the start of detailed design for a Stage of Work, the Requiring Authority shall identify:</p> <ul style="list-style-type: none"> <li>(i) a list of Stakeholders;</li> <li>(ii) a list of properties within the designation which the Requiring Authority does not own or have occupation rights to; and</li> <li>(iii) methods to engage with Stakeholders and the owners and occupiers of properties identified in 3(a)(i) –(ii) above.</li> </ul> <p>(b) A record of (a) shall be submitted with an Outline Plan for the relevant Stage of Work.</p>
<b>4.</b>	<p><b>Designation Review</b></p> <p>As soon as reasonably practicable following Completion of Construction, the Requiring Authority shall:</p> <ul style="list-style-type: none"> <li>(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</li> <li>(ii) give notice to Auckland Council in accordance with section 182 of the RMA for the removal of those parts of the designation identified above.</li> </ul>
<b>5.</b>	<p><b>Lapse</b></p> <p>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.</p>

No.	Condition
6.	<p><b>Network Utility Operators (Section 176 Approval)</b></p> <p>(a) Prior to the start of Construction Works, Network Utility Operators with existing infrastructure will not require written consent under section 176 of the RMA for the following activities:</p> <ul style="list-style-type: none"> <li>(i) operation, maintenance and repair works;</li> <li>(ii) minor renewal works to existing network utilities necessary for the on-going provision or security of supply of network utility operations;</li> <li>(iii) minor works such as new service connections; and</li> <li>(iv) the upgrade and replacement of existing network utilities in the same location with the same or similar effects on the work authorised by the designation as the existing utility.</li> </ul> <p>(b) To the extent that a record of written approval is required for the activities listed above, this condition shall constitute written approval.</p>
<b>Pre-construction conditions</b>	
7.	<p><b>Outline Plan</b></p> <p>(a) An Outline Plan (or Plans) shall be prepared in accordance with section 176A of the RMA.</p> <p>(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.</p> <p>(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:</p> <ul style="list-style-type: none"> <li>(i) Construction Environmental Management Plan;</li> <li>(ii) Construction Traffic Management Plan;</li> <li>(iii) Construction Noise and Vibration Management Plan;</li> <li>(iv) Network Integration Management Plan;</li> <li>(v) Urban and Landscape Design Management Plan;</li> <li>(vi) Historic Heritage Management Plan;</li> <li>(vii) Ecological Management Plan;</li> <li>(viii) Tree Management Plan; and</li> <li>(ix) Network Utilities Management Plan.</li> </ul>
8.	<p><b>Network Utilities Integration</b></p> <p>The Requiring Authority shall consult with Network Utility Operators during the detailed design phase to consider opportunities to enable, or not preclude, the development of new network utility facilities including access to power and ducting within the Project, where practicable to do so. The consultation undertaken, opportunities considered, and whether or not they have been incorporated into the detailed design, shall be summarised in the Outline Plan(s) prepared for the Project.</p>
	<p><b>Flood Hazard</b></p> <p>For the purpose of Condition 9:</p> <ul style="list-style-type: none"> <li>(a) AEP – means Annual Exceedance Probability;</li> <li>(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;</li> <li>(c) Flood prone area – means potential ponding areas that may flood and commonly comprise of topographical depression areas. The areas can occur naturally or as a result of constructed features;</li> <li>(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;</li> <li>(e) Pre-Project development – means existing site condition prior to the Project (including existing buildings and roadways); and</li> <li>(f) Post-Project development – means site condition after the Project has been completed (including existing and new buildings and roadways).</li> </ul>

No.	Condition
9.	<p><b>Flood Hazard</b></p> <p>(a) The Project shall be designed to achieve the following flood risk outcomes:</p> <ul style="list-style-type: none"> <li>(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;</li> <li>(ii) no increase in flood levels in a 1% AEP event for existing authorised community, commercial, industrial and network utility building floors that are already subject to flooding or have a freeboard less than 300mm;</li> <li>(iii) maximum of 50mm increase in water level in a 1% AEP event outside and adjacent to the designation boundaries between the pre and post Project scenarios; and</li> <li>(iv) no increase of Flood Hazard for the main access to authorised habitable dwellings existing at time the Outline Plan is submitted. The assessment shall be undertaken for the 1% AEP rainfall event.</li> <li>(v) Where Flood Hazard is: <ul style="list-style-type: none"> <li>A. velocity x depth greater than or equal to 0.6; or</li> <li>B. depth greater than 0.5m; or</li> <li>C. velocity greater than 2m/s.</li> </ul> </li> </ul> <p>(b) Compliance with this condition shall be demonstrated in the Outline Plan, which shall include flood modelling of the pre-Project and post-Project 1% AEP flood levels (for Maximum Probable Development land use with allowances for climate change).</p> <p>(c) Where the above outcomes 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 varied through agreement with the relevant landowner, confirmation shall be provided that any necessary landowner and statutory approvals have been obtained for that work or alternative outcome.</p>
10.	<p><b>Existing property access</b></p> <p>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 addressed with the affected landowner.</p>
11.	<p><b>Management Plans</b></p> <p>(a) Any management plan shall:</p> <ul style="list-style-type: none"> <li>(i) be prepared and implemented in accordance with the relevant management plan condition;</li> <li>(ii) be prepared by a Suitably Qualified Person(s);</li> <li>(iii) include sufficient detail relating to the management of effects associated with the relevant activities and/or Stage of Work to which it relates;</li> <li>(iv) summarise comments received from Mana Whenua and stakeholders as required by the relevant management plan condition, along with a summary of where comments have: <ul style="list-style-type: none"> <li>A. been incorporated; and</li> <li>B. where not incorporated, the reasons why.</li> </ul> </li> <li>(v) be submitted as part of an Outline Plan pursuant to section 176A of the RMA, with the exception of SCEMPs and CNVMP Schedules;</li> <li>(vi) once finalised, uploaded to the Project website or equivalent virtual information source.</li> </ul> <p>(b) Any management plan developed in accordance with Condition 11 may:</p> <ul style="list-style-type: none"> <li>(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;</li> <li>(ii) except for material changes, be amended to reflect any changes in design, construction methods or management of effects without further process;</li> </ul> <p>(c) 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 Council as an update to the Outline Plan or for Certification as soon as practicable following identification of the need for a revision;</p> <p>(d) Any material changes to the SCEMP(s) are to be submitted to the Council for information.</p>

No.	Condition
12.	<p data-bbox="284 237 1225 271"><b>Stakeholder Communication and Engagement Management Plan (SCEMP)</b></p> <p data-bbox="284 275 1326 360">(a) A SCEMP shall be prepared in consultation with 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.</p> <p data-bbox="284 365 967 398">(b) To achieve the objective, the SCEMP shall include:</p> <ul style="list-style-type: none"> <li data-bbox="355 403 692 436">(i) a list of Stakeholders;</li> <li data-bbox="355 441 1382 495">(ii) a list of properties within the designation which the Requiring Authority does not own or have occupation rights to;</li> <li data-bbox="355 499 1374 553">(iii) methods to engage with Stakeholders and the owners of properties identified in 12(b)(ii) above;</li> <li data-bbox="355 557 1366 642">(iv) 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);</li> <li data-bbox="355 647 1370 701">(v) methods for engaging with Mana Whenua, to be developed in consultation with Mana Whenua;</li> <li data-bbox="355 705 1323 759">(vi) methods and timing to engage with owners and occupiers whose access is directly affected;</li> <li data-bbox="355 763 1374 884">(vii) 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 12(b)(i) and (ii) above; and</li> <li data-bbox="355 889 1374 943">(viii) linkages and cross-references to communication and engagement methods set out in other conditions and management plans where relevant.</li> </ul> <p data-bbox="284 947 1318 1032">(c) Any SCEMP prepared for a Stage of Work shall be submitted to Council for information a minimum of ten working days prior to the Start of Construction for a Stage of Work.</p>
13.	<p data-bbox="284 1043 863 1077"><b>Network Integration Management Plan (NIMP)</b></p> <p data-bbox="284 1081 1362 1167">(a) At least six (6) 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 Network Integration Management Plan (NIMP).</p> <p data-bbox="284 1171 1378 1292">(b) The objective of the NIMP is to identify how the Project will integrate with the planned transport network in the North West growth area to achieve an effective, efficient and safe land transport system. To achieve this objective, the NIMP shall include details of the:</p> <ul style="list-style-type: none"> <li data-bbox="355 1296 1310 1350">(i) Project implementation approach and any staging of the Project, including design, management and operational matters; and</li> <li data-bbox="355 1355 1374 1408">(ii) Sequencing of the Project with the planned transport network, including design, management and operational matters.</li> </ul>

No.	Condition
14.	<p><b>Cultural Advisory Report</b></p> <p>(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.</p> <p>(b) To achieve the objective, the Requiring Authority shall invite Mana Whenua to prepare a Cultural Advisory Report that:</p> <ul style="list-style-type: none"> <li>(i) identifies the cultural sites, landscapes and values that have the potential to be affected by the construction and operation of the Project;</li> <li>(ii) sets out the desired outcomes for management of potential effects on cultural sites, landscapes and values;</li> <li>(iii) identifies traditional cultural practices within the area that may be impacted by the Project;</li> <li>(iv) identifies opportunities for restoration and enhancement of identified cultural sites, landscapes and values within the Project area;</li> <li>(v) taking into account the outcomes of 14(b)(i) to (iv) above, identify cultural matters and principles that should be considered in the development of the ULDMP and HHMP, and the CMP referred to in Condition 20;</li> <li>(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.</li> </ul> <p>(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;</p> <p>(d) Conditions 14(b) and (c) will cease to apply if:</p> <ul style="list-style-type: none"> <li>(i) Mana Whenua have been invited to prepare a Cultural Advisory Report by a date at least six months prior to start of Construction Works; and</li> <li>(ii) Mana Whenua have not provided a Cultural Advisory Report within six months prior to start of Construction Works.</li> </ul>
<b>Urban and Landscape Design Management Plan (ULDMP)</b>	
15.	<p>(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:</p> <ul style="list-style-type: none"> <li>(i) enable integration of the Project's permanent works into the surrounding landscape and urban context; and</li> <li>(ii) ensure that the Project manages potential adverse landscape and visual effects as far as practicable and contributes to a quality urban environment.</li> </ul> <p>(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 Condition 14 may be reflected in the ULDMP.</p> <p>(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</p>

No.	Condition
16.	<p>(a) To achieve the objective set out in Condition 15, the ULDMP(s) shall provide details of how the project:</p> <ul style="list-style-type: none"> <li>(i) is designed to integrate with the adjacent urban (or proposed urban) and landscape context, including the surrounding existing or proposed topography, urban environment (i.e. centres and density of built form), natural environment, landscape character and open space zones;</li> <li>(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;</li> <li>(iii) promotes inclusive access (where appropriate);</li> <li>(iv) promotes a sense of personal safety by aligning with best practice guidelines, such as: <ul style="list-style-type: none"> <li>A. Crime Prevention Through Environmental Design (CPTED) principles;</li> <li>B. Safety in Design (SID) requirements; and</li> <li>C. Maintenance in Design (MID) requirements and anti-vandalism/anti-graffiti measures; and</li> </ul> </li> <li>(v) Interfaces with the operational areas of commercial premises within business zoned land, including loading areas, internal circulation and car parking, where practicable.</li> </ul> <p>(b) The ULDMP shall be prepared in general accordance with:</p> <ul style="list-style-type: none"> <li>(i) Waka Kotahi Urban Design Guidelines: Bridging the Gap (2013) or any subsequent updated version;</li> <li>(ii) NZTA Landscape Guidelines (2018) or any subsequent updated version; and</li> <li>(iii) Waka Kotahi P39 Standard Specification for Highway Landscape Treatments (2013) or any subsequent updated version.</li> </ul>



No.	Condition
17.	<p>The ULDMP(s) shall include:</p> <ul style="list-style-type: none"> <li>(a) a concept plan – which depicts the overall landscape and urban design concept, and explain the rationale for the landscape and urban design proposals;</li> <li>(b) developed design concepts, including principles for walking and cycling facilities and public transport; and</li> <li>(c) landscape and urban design details – that cover the following: <ul style="list-style-type: none"> <li>(i) road design – elements such as intersection form, carriageway gradient and associated earthworks contouring including cut and fill batters, shaped to a natural profile where practicable and appropriate to the surrounding context, 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;</li> <li>(ii) roadside elements – such as lighting, fencing, wayfinding and signage;</li> <li>(iii) architectural and landscape treatment of all major structures, including bridges and retaining walls;</li> <li>(iv) architectural and landscape treatment of noise barriers;</li> <li>(v) landscape treatment and planting of permanent stormwater control wetlands and swales;</li> <li>(vi) integration of passenger transport;</li> <li>(vii) pedestrian and cycle facilities including paths, road crossings and dedicated pedestrian/ cycle bridges or underpasses;</li> <li>(viii) historic heritage places with reference to the HHMP (Condition 26); and</li> <li>(ix) re-instatement of construction and site compound areas; and</li> <li>(x) re-instatement of features to be retained such as: <ul style="list-style-type: none"> <li>A. boundary features;</li> <li>B. landscaping;</li> <li>C. driveways;</li> <li>D. accessways; and</li> <li>E. fences.</li> </ul> </li> </ul> </li> <li>(d) The ULDMP shall also include the following planting details and maintenance requirements: <ul style="list-style-type: none"> <li>(i) planting design details including: <ul style="list-style-type: none"> <li>A. identification of existing trees and vegetation that will be retained with reference to the TMP and Ecological Management Plan. Where practicable, mature trees and native vegetation should be retained;</li> <li>B. street trees, shrubs and ground cover suitable for the location;</li> <li>C. treatment of fill slopes to integrate with adjacent land use, streams, Riparian margins and open space zones;</li> <li>D. identification of any planting requirements under the Ecological Management Plan (Conditions 28) and TMP (Condition 29); and</li> <li>E. integration of any planting requirements required by conditions of any resource consents for the project;</li> </ul> </li> <li>(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 works in each Stage of Work; and</li> <li>(iii) detailed specifications relating to the following: <ul style="list-style-type: none"> <li>A. weed control and clearance;</li> <li>B. pest animal management (to support plant establishment);</li> <li>C. ground preparation (top soiling and decompaction);</li> <li>D. mulching; and</li> <li>E. plant sourcing and planting, including hydroseeding and grassing, and use of eco-sourced species</li> </ul> </li> </ul> </li> </ul>
<b>Specific Outline Plan requirements</b>	
<b>Construction conditions</b>	

No.	Condition
18.	<p data-bbox="284 237 983 271"><b>Construction Environmental Management Plan (CEMP)</b></p> <p data-bbox="284 275 1366 394">(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.</p> <p data-bbox="284 398 1391 1155">(b) To achieve the objective, the CEMP shall include:</p> <ul style="list-style-type: none"> <li data-bbox="355 427 1059 461">(i) the roles and responsibilities of staff and contractors;</li> <li data-bbox="355 465 1366 521">(ii) details of the site or project manager and the Project Liaison Person, including their contact details (phone and email address);</li> <li data-bbox="355 526 1286 582">(iii) the Construction Works programmes and the staging approach, and the proposed hours of work;</li> <li data-bbox="355 586 1366 642">(iv) details of the proposed construction yards including temporary screening when adjacent to residential zones;</li> <li data-bbox="355 647 959 680">(v) details of the proposed construction lighting;</li> <li data-bbox="355 685 1286 741">(vi) methods for controlling dust and the removal of debris and demolition of construction materials from public roads or places;</li> <li data-bbox="355 745 1241 779">(vii) methods for providing for the health and safety of the general public;</li> <li data-bbox="355 784 1391 853">(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;</li> <li data-bbox="355 857 879 891">(ix) procedures for incident management;</li> <li data-bbox="355 896 1286 952">(x) location and procedures for the refuelling and maintenance of plant and equipment to avoid discharges of fuels or lubricants to watercourses;</li> <li data-bbox="355 956 1382 1037">(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;</li> <li data-bbox="355 1041 1366 1097">(xii) summary of measures included to respond to matters raised in engagement, if not already covered above;</li> <li data-bbox="355 1102 1286 1135">(xiii) procedures for responding to complaints about Construction Works; and</li> <li data-bbox="355 1140 1142 1173">(xiv) methods for amending and updating the CEMP as required.</li> </ul>
19.	<p data-bbox="284 1167 544 1200"><b>Complaints Register</b></p> <p data-bbox="284 1205 1374 1261">(a) At all times during Construction Works, a record of any complaints received about the Construction Works shall be maintained. The record shall include:</p> <ul style="list-style-type: none"> <li data-bbox="355 1265 938 1299">(i) the date, time and nature of the complaint;</li> <li data-bbox="355 1303 1254 1359">(ii) the name, phone number and address of the complainant (unless the complainant wishes to remain anonymous);</li> <li data-bbox="355 1364 1382 1420">(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;</li> <li data-bbox="355 1424 1091 1458">(iv) the outcome of the investigation into the complaint; and</li> <li data-bbox="355 1462 1310 1541">(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.</li> </ul> <p data-bbox="284 1545 1358 1601">(b) A copy of the Complaints Register required by this condition shall be made available to the Manager upon request as soon as practicable after the request is made.</p>

No.	Condition
20.	<p><b>Cultural Monitoring Plan (CMP)</b></p> <p>(a) Prior to the start of Construction Works, 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.</p> <p>(b) To achieve the objective, the CMP shall include:</p> <ul style="list-style-type: none"> <li>(i) Requirements for formal dedication or cultural interpretation to be undertaken prior to start of Construction Works in areas identified as having significance to Mana Whenua;</li> <li>(ii) Requirements and protocols for cultural inductions for contractors and subcontractors;</li> <li>(iii) Identification of activities, sites and areas where cultural monitoring is required during particular Construction Works;</li> <li>(iv) Identification of personnel to undertake cultural monitoring, including any geographic definition of their responsibilities; and</li> <li>(v) Details of personnel to assist with management of any cultural effects identified during cultural monitoring, including implementation of the Accidental Discovery Protocol</li> </ul> <p>(c) If Enabling Works involving soil disturbance are undertaken prior to the start of Construction Works, 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.</p>
	<p><b>Advice note:</b></p> <p>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.</p>

No.	Condition
21.	<p data-bbox="284 237 877 271"><b>Construction Traffic Management Plan (CTMP)</b></p> <p data-bbox="284 275 1364 360">(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.</p> <p data-bbox="284 365 949 398">(b) To achieve this objective, the CTMP shall include:</p> <ul style="list-style-type: none"> <li data-bbox="355 403 1348 456">(i) methods to manage the effects of temporary traffic management activities on traffic;</li> <li data-bbox="355 461 1053 495">(ii) measures to ensure the safety of all transport users;</li> <li data-bbox="355 499 1380 667">(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 educational facilities or to manage traffic congestion;</li> <li data-bbox="355 672 1380 757">(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;</li> <li data-bbox="355 761 1284 846">(v) identification of detour routes and other methods to ensure the safe management and maintenance of traffic flows, including public transport services, pedestrians and cyclists;</li> <li data-bbox="355 851 1380 913">(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. Engagement with landowners or occupiers whose access is directly affected shall be undertaken in accordance with the SCEMP;</li> <li data-bbox="355 918 1380 1003">(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;</li> <li data-bbox="355 1008 1380 1093">(viii) methods that will be undertaken to communicate traffic management measures to affected road users (e.g. residents / public / stakeholders / emergency services);</li> <li data-bbox="355 1097 1348 1182">(ix) details of minimum network performance parameters during the construction phase, including any measures to monitor compliance with the performance parameters; and</li> <li data-bbox="355 1187 1380 1249">(x) details of any measures proposed to be implemented in the event of thresholds identified in 21(b)(ix) being exceeded.</li> </ul> <p data-bbox="284 1254 1284 1339">(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.</p>

No.	Condition																																																										
22.	<p data-bbox="280 235 670 266"><b>Construction Noise Standards</b></p> <p data-bbox="280 271 1299 369">(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:</p> <p data-bbox="280 405 756 436"><b>Table 22-1 Construction Noise Standards</b></p> <table border="1" data-bbox="280 454 1259 1025"> <thead> <tr> <th data-bbox="280 454 528 486">Day of week</th> <th data-bbox="528 454 772 486">Time period</th> <th data-bbox="772 454 1016 486">L<sub>Aeq</sub>(15min)</th> <th data-bbox="1016 454 1259 486">L<sub>AFmax</sub></th> </tr> </thead> <tbody> <tr> <td colspan="4" data-bbox="280 490 1259 521"><b>Occupied activity sensitive to noise</b></td> </tr> <tr> <td data-bbox="280 526 528 656" rowspan="4">Weekday</td> <td data-bbox="528 526 772 557">0630h - 0730h</td> <td data-bbox="772 526 1016 557">55 dB</td> <td data-bbox="1016 526 1259 557">75 dB</td> </tr> <tr> <td data-bbox="528 562 772 593">0730h - 1800h</td> <td data-bbox="772 562 1016 593">70 dB</td> <td data-bbox="1016 562 1259 593">85 dB</td> </tr> <tr> <td data-bbox="528 598 772 629">1800h - 2000h</td> <td data-bbox="772 598 1016 629">65 dB</td> <td data-bbox="1016 598 1259 629">80 dB</td> </tr> <tr> <td data-bbox="528 633 772 665">2000h - 0630h</td> <td data-bbox="772 633 1016 665">45 dB</td> <td data-bbox="1016 633 1259 665">75 dB</td> </tr> <tr> <td data-bbox="280 669 528 790" rowspan="4">Saturday</td> <td data-bbox="528 669 772 701">0630h - 0730h</td> <td data-bbox="772 669 1016 701">45 dB</td> <td data-bbox="1016 669 1259 701">75 dB</td> </tr> <tr> <td data-bbox="528 705 772 736">0730h - 1800h</td> <td data-bbox="772 705 1016 736">70 dB</td> <td data-bbox="1016 705 1259 736">85 dB</td> </tr> <tr> <td data-bbox="528 741 772 772">1800h - 2000h</td> <td data-bbox="772 741 1016 772">45 dB</td> <td data-bbox="1016 741 1259 772">75 dB</td> </tr> <tr> <td data-bbox="528 777 772 808">2000h - 0630h</td> <td data-bbox="772 777 1016 808">45 dB</td> <td data-bbox="1016 777 1259 808">75 dB</td> </tr> <tr> <td data-bbox="280 813 528 934" rowspan="4">Sunday and Public Holidays</td> <td data-bbox="528 813 772 844">0630h - 0730h</td> <td data-bbox="772 813 1016 844">45 dB</td> <td data-bbox="1016 813 1259 844">75 dB</td> </tr> <tr> <td data-bbox="528 848 772 880">0730h - 1800h</td> <td data-bbox="772 848 1016 880">55 dB</td> <td data-bbox="1016 848 1259 880">85 dB</td> </tr> <tr> <td data-bbox="528 884 772 916">1800h - 2000h</td> <td data-bbox="772 884 1016 916">45 dB</td> <td data-bbox="1016 884 1259 916">75 dB</td> </tr> <tr> <td data-bbox="528 920 772 952">2000h - 0630h</td> <td data-bbox="772 920 1016 952">45 dB</td> <td data-bbox="1016 920 1259 952">75 dB</td> </tr> <tr> <td colspan="4" data-bbox="280 956 1259 987"><b>Other occupied buildings</b></td> </tr> <tr> <td data-bbox="280 992 528 1023" rowspan="2">All</td> <td data-bbox="528 992 772 1023">0730h – 1800h</td> <td data-bbox="772 992 1016 1023">70 dB</td> <td data-bbox="1016 992 1259 1023"></td> </tr> <tr> <td data-bbox="528 1028 772 1059">1800h – 0730h</td> <td data-bbox="772 1028 1016 1059">75 dB</td> <td data-bbox="1016 1028 1259 1059"></td> </tr> </tbody> </table> <p data-bbox="280 1032 1347 1090">(b) Where compliance with the noise standards set out in Table 22-1 is not practicable, the methodology in Condition 25 shall apply.</p>	Day of week	Time period	L <sub>Aeq</sub> (15min)	L <sub>AFmax</sub>	<b>Occupied activity sensitive to noise</b>				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	<b>Other occupied buildings</b>				All	0730h – 1800h	70 dB		1800h – 0730h	75 dB	
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No.	Condition																						
23.	<p data-bbox="280 235 715 266"><b>Construction Vibration Standards</b></p> <p data-bbox="280 271 1331 400">(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 Table 23-1 as far as practicable.</p> <p data-bbox="280 436 794 468"><b>Table 23-1 Construction Vibration Standards</b></p> <table border="1" data-bbox="280 488 1225 869"> <thead> <tr> <th data-bbox="280 488 520 519">Receiver</th> <th data-bbox="526 488 753 519">Details</th> <th data-bbox="759 488 989 519">Category A*</th> <th data-bbox="995 488 1225 519">Category B*</th> </tr> </thead> <tbody> <tr> <td data-bbox="280 524 520 645" rowspan="2">Occupied activities sensitive to noise</td> <td data-bbox="526 524 753 582">Night-time 2000h - 0630h</td> <td data-bbox="759 524 989 582">0.3mm/s ppv</td> <td data-bbox="995 524 1225 582">1mm/s ppv</td> </tr> <tr> <td data-bbox="526 586 753 645">Daytime 0630h - 2000h</td> <td data-bbox="759 586 989 645">1mm/s ppv</td> <td data-bbox="995 586 1225 645">5mm/s ppv</td> </tr> <tr> <td data-bbox="280 649 520 707">Other occupied buildings</td> <td data-bbox="526 649 753 707">Daytime 0630h - 2000h</td> <td data-bbox="759 649 989 707">2mm/s ppv</td> <td data-bbox="995 649 1225 707">5mm/s ppv</td> </tr> <tr> <td data-bbox="280 712 520 869" rowspan="2">All other buildings</td> <td data-bbox="526 712 753 770">At all other times Vibration transient</td> <td data-bbox="759 712 989 770">5mm/s ppv</td> <td data-bbox="995 712 1225 770">BS 5228-2** Table B2</td> </tr> <tr> <td data-bbox="526 775 753 869">At all other times Vibration continuous</td> <td data-bbox="759 775 989 869">5mm/s ppv</td> <td data-bbox="995 775 1225 869">BS 5228-2** 50% of Table B2 values</td> </tr> </tbody> </table> <p data-bbox="280 873 1331 927">* Refer to NZTA State highway construction and maintenance noise and vibration guide for further explanation regarding Category A and B criteria</p> <p data-bbox="280 931 1350 985">** BS 5228-2:2009 'Code of practice for noise and vibration control on construction and open sites – Part 2: Vibration'</p> <p data-bbox="280 990 1385 1052">(b) Where compliance with the vibration standards set out in Table 23-1 is not practicable, the methodology in Condition 25 shall apply.</p> <p data-bbox="280 1057 1378 1142">(c) If measured or predicted vibration from construction activities exceeds the Category A criteria, a Suitably Qualified Person shall assess and manage construction vibration during those activities.</p> <p data-bbox="280 1146 1378 1232">(d) If measured or predicted vibration from construction activities exceeds the Category B criteria those activities must only proceed if vibration effects on affected buildings are assessed, monitored and mitigated by a Suitably Qualified Person.</p>	Receiver	Details	Category A*	Category B*	Occupied activities sensitive to noise	Night-time 2000h - 0630h	0.3mm/s ppv	1mm/s ppv	Daytime 0630h - 2000h	1mm/s ppv	5mm/s ppv	Other occupied buildings	Daytime 0630h - 2000h	2mm/s ppv	5mm/s ppv	All other buildings	At all other times Vibration transient	5mm/s ppv	BS 5228-2** Table B2	At all other times Vibration continuous	5mm/s ppv	BS 5228-2** 50% of Table B2 values
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No.	Condition
24.	<p data-bbox="284 237 1066 271"><b>Construction Noise and Vibration Management Plan (CNVMP)</b></p> <p data-bbox="284 275 1358 454">(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.</p> <p data-bbox="284 459 1374 548">(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:</p> <ul style="list-style-type: none"> <li data-bbox="355 553 1174 586">(i) description of the works and anticipated equipment/processes;</li> <li data-bbox="355 591 1369 647">(ii) hours of operation, including times and days when construction activities would occur;</li> <li data-bbox="355 651 1161 685">(iii) the construction noise and vibration standards for the project;</li> <li data-bbox="355 689 1246 723">(iv) identification of receivers where noise and vibration standards apply;</li> <li data-bbox="355 728 1362 804">(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;</li> <li data-bbox="355 808 1362 864">(vi) methods and frequency for monitoring and reporting on construction noise and vibration;</li> <li data-bbox="355 869 1318 981">(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.</li> <li data-bbox="355 985 963 1019">(viii) contact details of the Project Liaison Person;</li> <li data-bbox="355 1023 1374 1099">(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;</li> <li data-bbox="355 1104 1358 1216">(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 A or Category B will not be practicable;</li> <li data-bbox="355 1220 1358 1276">(xi) identification of trigger levels for undertaking building condition surveys, which shall be below Category B day time levels;</li> <li data-bbox="355 1281 1362 1370">(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;</li> <li data-bbox="355 1375 1362 1464">(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</li> <li data-bbox="355 1469 1038 1503">(xiv) requirements for review and update of the CNVMP.</li> </ul>

No.	Condition
25.	<p data-bbox="282 237 560 268"><b>Schedule to a CNVMP</b></p> <p data-bbox="282 275 1374 360">(a) A Schedule to the CNVMP (Schedule) shall be prepared prior to the start of the construction to which it relates by a Suitably Qualified Person, in consultation with the owners and occupiers of sites subject to the Schedule, when:</p> <ul style="list-style-type: none"> <li data-bbox="357 367 1273 427">(i) Construction noise is either predicted or measured to exceed the noise standards in Condition 22</li> <li data-bbox="357 434 1382 495">(ii) Construction vibration is either predicted or measured to exceed the Category A standard at the receivers in Condition 23.</li> </ul> <p data-bbox="282 501 1342 577">(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.</p> <p data-bbox="282 584 1166 616">(c) To achieve the objective, the Schedule shall include details such as:</p> <ul style="list-style-type: none"> <li data-bbox="357 622 1034 654">(i) construction activity location, start and finish times;</li> <li data-bbox="357 660 1034 692">(ii) the nearest neighbours to the construction activity;</li> <li data-bbox="357 698 1374 775">(iii) the predicted noise and/or vibration level for all receivers where the levels are predicted or measured to exceed the applicable standards in Conditions 22 and 23 and the predicted duration of the exceedance;</li> <li data-bbox="357 781 1362 857">(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;</li> <li data-bbox="357 864 1353 925">(v) the proposed mitigation options that have been selected, and the options that have been discounted as being impracticable and the reasons why;</li> <li data-bbox="357 931 1369 1008">(vi) a summary of 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</li> <li data-bbox="357 1014 898 1046">(vii) location, times and types of monitoring.</li> </ul> <p data-bbox="282 1052 1374 1196">(d) The Schedule shall be submitted to the Manager for information at least 5 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. If any comments are received from the Manager, these shall be considered by the Requiring Authority prior to implementation of the Schedule.</p> <p data-bbox="282 1202 1369 1368">(e) 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 information 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.</p>



No.	Condition
26.	<p data-bbox="280 237 837 271"><b>Historic Heritage Management Plan (HHMP)</b></p> <p data-bbox="280 275 1394 394">(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.</p> <p data-bbox="280 398 1394 1709">(b) To achieve the objective, the HHMP shall identify:</p> <ul style="list-style-type: none"> <li data-bbox="357 427 1394 517">(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;</li> <li data-bbox="357 521 1394 577">(ii) methods for the identification and assessment of potential historic heritage places within the Designation to inform detailed design;</li> <li data-bbox="357 582 1394 667">(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;</li> <li data-bbox="357 672 1394 728">(iv) any unrecorded archaeological sites or post-1900 heritage sites within the Designation, which shall also be documented and recorded;</li> <li data-bbox="357 732 1394 882">(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;</li> <li data-bbox="357 887 1394 943">(vi) specific areas to be investigated, monitored and recorded to the extent these are directly affected by the Project;</li> <li data-bbox="357 947 1394 1155">(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;</li> <li data-bbox="357 1160 1394 1245">(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;</li> <li data-bbox="357 1249 1394 1709">(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: <ul style="list-style-type: none"> <li data-bbox="434 1346 1394 1402">A. security fencing or hoardings around historic heritage places to protect them from damage during construction or unauthorised access;</li> <li data-bbox="434 1406 1394 1491">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</li> <li data-bbox="434 1496 1394 1709">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).</li> </ul> </li> </ul> <p data-bbox="280 1749 576 1805"><b>Advice note: Accidental Discoveries</b></p> <p data-bbox="280 1816 1394 1892">The requirements for accidental discoveries of heritage items are set out in Rule E11.6.1 of the AUP and in the NZTA Minimum Standard P45 Accidental Archaeological Discovery Specification, or any subsequent version.</p>

No.	Condition
27.	<p data-bbox="279 237 742 273"><b>Pre-Construction Ecological Survey</b></p> <p data-bbox="279 280 1374 365">(a) At the start of detailed design for a Stage of Work, an updated ecological survey shall be undertaken by a Suitably Qualified Person. The purpose of the survey is to inform ecological management by:</p> <ul style="list-style-type: none"> <li data-bbox="359 371 1369 427">(i) confirming whether the species of value within the Identified Biodiversity Areas recorded in the Identified Biodiversity Area Schedule 2 are still present; and</li> <li data-bbox="359 434 1374 577">(ii) confirming whether the project will or may have a moderate or greater level of ecological effect on ecological species of value, prior to implementation of impact management measures with the level of effect to be determined in accordance with Table 10 of the EIANZ guidelines as included in Schedule 3 to these conditions (or subsequent updated version of the table).</li> </ul> <p data-bbox="279 584 1362 689">(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).</p>

**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 of Confirmed Biodiversity Areas as far as practicable.
- (b) To achieve the objective, the EMP shall set out the methods which may include:
  - (i) If an EMP is required in accordance with Condition 27(b) for the presence of long tail bats:
    - A. measures to minimise as far as practicable, disturbance from construction activities within the vicinity of any active long tail bat roosts (including maternity) that are discovered through survey until such roosts are confirmed to be vacant of bats;
    - B. how the timing of any construction work in the vicinity of any maternity long tail bat roosts will be limited to outside the bat maternity period (between December and March) where reasonably practicable;
    - C. details of areas where vegetation is to be retained where practicable for the purposes of the connectivity of long tail bats;
    - D. details of how bat connectivity will be provided and maintained (e.g. through the presence of suitable indigenous or exotic trees or artificial alternatives). This could include identification of areas and timeframes for establishment of advance restoration / mitigation planting taking into account land ownership, accessibility and the timing of available funding, measures to manage the effects of light spill on bat connectivity as far as practicable; and
    - E. where mitigation to minimise effects is not practicable, details of any offsetting proposed.
  - (ii) If an EMP is required in accordance with Condition 27(b) for the presence of threatened or at risk wetland birds:
    - A. how the timing of any Construction Works shall be undertaken outside of the bird breeding season (September to February) where practicable;
    - B. where works are required within the Confirmed Biodiversity Area during the bird season, methods to minimise adverse effects on Threatened or At-Risk wetland birds;
    - C. undertaking a nesting bird survey of Threatened or At-Risk wetland birds prior to any Construction Works taking place within a 50m radius of any identified Wetlands (including establishment of construction areas adjacent to Wetlands). Surveys should be repeated at the beginning of each wetland bird breeding season and following periods of construction inactivity;
    - D. what protection and buffer measures will be provided where nesting Threatened or At-Risk wetland birds are identified within 50m of any construction area (including laydown areas). Measures could include:
      - a. a 20 m buffer area around the nest location and retaining vegetation. The buffer areas should be demarcated where necessary to protect birds from encroachment. This might include the use of marker poles, tape and signage;
      - b. monitoring of the nesting Threatened or At-Risk wetland birds by a Suitably Qualified Person. Construction works within the 20m nesting buffer areas should not occur until the Threatened or At-Risk wetland birds have fledged from the nest location (approximately 30 days from egg laying to fledging) as confirmed by a Suitably Qualified Person;
      - c. minimising the disturbance from the works if construction works are required within 50 m of a nest, as advised by a Suitably Qualified Person;
      - d. adopting a 10m setback where practicable, between the edge of Wetlands and construction areas (along the edge of the stockpile / laydown area); and
      - e. minimising light spill from construction areas into Wetlands

No.	Condition
	<p>(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.</p> <p><b>Advice note:</b> Depending on the potential effects of the Project, the regional consents for the Project may include the following monitoring and management plans:</p> <ul style="list-style-type: none"> <li>(i) Stream and/or wetland restoration plans;</li> <li>(ii) Vegetation restoration plans; and</li> <li>(iii) Fauna management plans (eg avifauna, herpetofauna, bats).</li> </ul>
<p><b>29.</b></p>	<p><b>Tree Management Plan (TMP)</b></p> <p>(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 as protected or notable in the Auckland Unitary Plan.</p> <p>(b) To achieve the objective, the TMP shall:</p> <ul style="list-style-type: none"> <li>(i) confirm the trees that will be affected by the project work and are identified as protected or notable in the Auckland Unitary Plan; and</li> <li>(ii) demonstrate how the design and location of project works has avoided, remedied or mitigated any effects on any tree identified in 29(b)(i) above. This may include: <ul style="list-style-type: none"> <li>A. any opportunities to relocate listed trees where practicable.</li> <li>B. planting to replace trees that require removal (with reference to the ULDMP planting design details in Condition 17);</li> <li>C. tree protection zones and tree protection measures such as protective fencing, ground protection and physical protection of roots, trunks and branches; and</li> <li>D. methods for work within the rootzone of trees that are to be retained in line with accepted arboricultural standards.</li> </ul> </li> <li>(iii) demonstrate how the tree management measures (outlined in 29(b)(ii)A – D above) are consistent with conditions of any resource consents granted for the project in relation to managing construction effects on trees.</li> </ul>
<p><b>30.</b></p>	<p><b>Network Utility Management Plan (NUMP)</b></p> <p>(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.</p> <p>(b) To achieve the objective, the NUMP shall include methods to:</p> <ul style="list-style-type: none"> <li>(i) provide access for maintenance at all reasonable times, or emergency works at all times during construction activities;</li> <li>(ii) protect and where necessary, relocate existing network utilities;</li> <li>(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;</li> <li>(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.</li> </ul> <p>(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.</p> <p>(d) Any comments received from the Network Utility Operator shall be considered when finalising the NUMP.</p> <p>(e) Any amendments to the NUMP related to the assets of a Network Utility Operator shall be prepared in consultation with that asset owner.</p>
	<p><b>Operational conditions</b></p>

No.	Condition							
31.	<p data-bbox="284 239 1394 275"><b>Station Noise</b></p> <p data-bbox="284 275 1394 365">All mechanical and electrical services (including Public Address system) shall be designed to comply with the following noise rating levels and maximum noise levels, as measured and assessed at any residential zone site boundary:</p> <table border="1" data-bbox="290 374 933 499"> <thead> <tr> <th data-bbox="290 374 614 403">Time</th> <th data-bbox="614 374 933 403">Noise level</th> </tr> </thead> <tbody> <tr> <td data-bbox="290 403 614 432">Monday to Saturday 7am-10pm</td> <td data-bbox="614 403 933 432" rowspan="2">50dB L<sub>Aeq</sub></td> </tr> <tr> <td data-bbox="290 432 614 461">Sunday 9am-6pm</td> </tr> <tr> <td data-bbox="290 461 614 499">All other times</td> <td data-bbox="614 461 933 499">40dB L<sub>Aeq</sub> 75dB L<sub>AFmax</sub></td> </tr> </tbody> </table>	Time	Noise level	Monday to Saturday 7am-10pm	50dB L <sub>Aeq</sub>	Sunday 9am-6pm	All other times	40dB L <sub>Aeq</sub> 75dB L <sub>AFmax</sub>
Time	Noise level							
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Sunday 9am-6pm								
All other times	40dB L <sub>Aeq</sub> 75dB L <sub>AFmax</sub>							

## Attachments

## Schedule 1: General Accordance Plans and Information

### Project Description

The proposed work is the construction, operation, and maintenance of a rapid transit station in Huapai, including active transport facilities and associated infrastructure. The proposed work is shown in the following Concept Plan and includes:

- (a) A new rapid transit station, including active transport facilities;
- (b) Associated works including transport interchange facilities, accessway, park and ride facilities, bridges, embankments, retaining, culverts, stormwater management systems;
- (c) Changes to local roads, where the proposed work intersects with local roads; and
- (d) Construction activities, including vegetation removal, construction compounds, laydown areas, bridge works area, construction traffic management and the re-grade of driveways.

### Concept Plan



## **Schedule 2: Identified Biodiversity Areas**





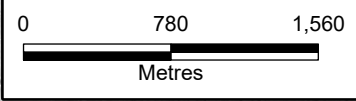
**LEGEND**

Designation Boundary

Identified Biodiversity Area



Long-tailed Bat



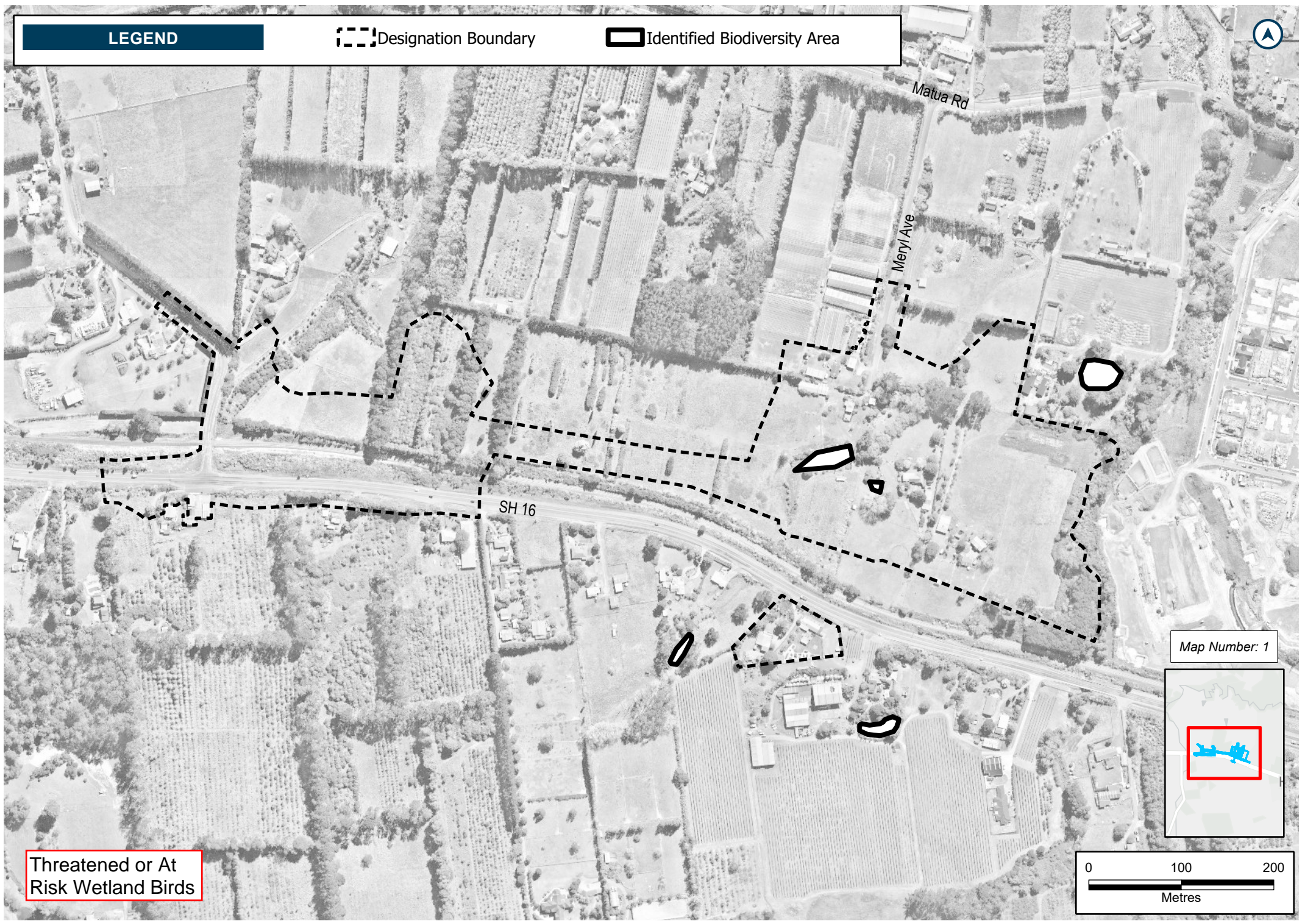
**LEGEND**

 Designation Boundary

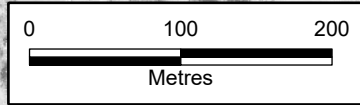
 Identified Biodiversity Area



Name of Map: SGA-EC-NW-035-Strategic-Huapai-Sm-Bird-Mitigation  
Path: P:\381\3810534\T0102\ Data\1 Data Processing 550\Pris669\_NW\_Ecology\_Mitigation\SGA\_NW\_Ecology\_Mitigation.aprx



Map Number: 1



**Threatened or At Risk Wetland Birds**

**Schedule 3: Table 10 of the 2018 EIANZ Guidelines**

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

Ecological Value →	Very high	High	Moderate	Low	Negligible
Magnitude ↓					
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