

TO Marc Dendale, Acting Manager, Planning Central/South



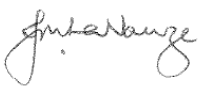


FROM Joy LaNauze, Senior Policy Planner

DATE 31 March 2025

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

I request an update to the AUP as outlined below:

Reason for update	Designation confirmed
Chapter(s)	Chapter K Designations – Auckland Transport AUPOIP GIS Viewer
Designation only	
Designation # 1851	Great South Road Upgrade (Drury Section) Auckland Transport
Locations:	Great South Road in Drury between Waihoehoe Road and the State Highway 1 Drury Interchange
Lapse Date	In accordance with section 184(1)(c) of the RMA, this designation shall lapse if not given effect to within 10 years from the date on which it is included in the AUP.
Purpose	To construct, operate and maintain upgrades to an arterial transport corridor and associated infrastructure
Changes to text (shown in underline and strikethrough)	New designation text in Auckland Transport South schedule and designation. Refer to Attachment B
Changes to diagrams	N/A
Changes to spatial data	Removal of Proposed Modification – Notice of Requirement layer. Replaced with designation boundary and notation (same extent as above). Refer to Attachment D
Attachments	Attachment A: Auckland Transport Supporting Growth South FTN Decision – this designation relates to South FTN NoR 2 Attachment B: Updated Auckland Transport South schedule and new designation text 1851 Great South Road Upgrade (Drury Section) (strikethrough and underscore) Attachment C: Updated Auckland Transport South schedule and new designation text 1851 Great South Road Upgrade (Drury Section) (clean) Attachment D: Updated AUP(OIP) GIS Viewer

Maps prepared by: Danica Torres Senior Geospatial Specialist	Text Entered by: Bronnie Styles Planning Technician
Signature: 	Signature: 
prepared by: Joy LaNauze Planner	Reviewed by: Craig Cairncross Team Leader
Signature: 	Signature: 
Authorised by: Celia Davison Manager Planning – Central/South	
Signature:  (signed by Marc Dendale, acting with delegated authority for Celia Davison)	

Attachment A

Auckland Transport Supporting Growth South FTN Decision

This designation relates to South FTN NoR 2

16 December 2024

Joy LaNauze
Senior Policy Planner
Central/South Planning Unit - Plans and Places
Auckland Council
Private Bag 92300
Victoria Street West
Auckland 1142

cc: Craig Cairncross

Dear Joy

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

We refer to the recommendations of the Auckland Council Independent Hearing Commissioners in relation to the four Auckland Transport Notices of Requirement that comprise part of the South Frequent Transit Network Project:

- NoR 1 – South Frequent Transit Network – Great South Road FTN Upgrade
- NoR 2 – South Frequent Transit Network – Great South Road Upgrade (Drury Section)
- NoR 3 – South Frequent Transit Network – Takaanini FTN – Weymouth, Alfriston and Great South Road Upgrades
- NoR 4 – South Frequent Transit Network – Takaanini FTN – Porchester and Popes Road Upgrades

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, Auckland Transport accepts in part the Commissioners' recommendations in relation to the Notices of Requirement other than the conditions specifically addressed in the table below. This decision has been made in consultation with relevant experts.

The table sets out:

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

Only those conditions that Auckland Transport has modified in response to the recommendations made by the Commissioners are outlined in the table below. All other conditions are otherwise accepted as recommended by the Commissioners.

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



A schedule of amendments that have been made to the proposed designation boundaries since the Closing Legal Submissions is attached in **Appendix A**. These include adjustments that were presented to the Commissioners following Closing Legal Submissions.

Complete sets of designation conditions are **attached** to this letter as **Appendices B – E**. Note that the condition numbering in the clean sets has been updated for clarity, but are otherwise consistent with the table below.

Yours sincerely

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

Jane Small

Group Manager, Property and Planning

Modifications made by Auckland Transport to conditions recommended by the Hearing Commissioners for the South Frequent Transit Network NoRs 1 – 4

Designation	Condition number	Modifications made by Auckland Transport to conditions recommended by the Hearing Commissioners (additions to conditions are in bold and underlined and rejections are in bold and strikethrough)	Reason for modifications
2 and 4	9	<p>Outline Plan</p> <p>...</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> <p>...</p> <p>(x) Open Space Management Plan</p>	<p>Reject addition of 9(c)(x) to NoRs 2 and 4 – Auckland Transport considers that there is no effects-based justification for the inclusion of open spaces within NoRs 2 and 4 to Schedule 3 (see below). Accordingly, the Open Space Management Plan should only be included as part of the Outline Plan requirements for NoRs 1 and 3, and not on NoRs 2 and 4.</p>
All	11	<p>Stakeholder Communication and Engagement Management Plan</p> <p>(a) A SCEMP shall be prepared in consultation with relevant Stakeholders prior to the Start of Construction. The objectives of the SCEMP are to identify how the public and Stakeholders will be engaged with throughout the Construction Works.</p> <p>(i) Ensure proactive communication and engagement with the public and all Stakeholders by identifying how the public and Stakeholders will be engaged with and kept informed about the intended timing and method of construction throughout the Construction Works; and</p> <p>(ii) Ensure that the Project provides the opportunity for all Stakeholders to provide input into detailed design process and responds effectively to feedback and complaints through the management plan process (Condition 10).</p> <p>(b) To achieve the objective, the SCEMP shall include:</p> <p>(iii) a list of Stakeholders;</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>(v) methods and timing to engage with owners and occupiers whose access is directly affected;</p> <p>(vi) methods to communicate key project milestones and the proposed hours of construction activities including outside of normal working hours and on weekends and public holidays, to the parties identified in (b)(i) above; and</p> <p>(vii) linkages and cross-references to communication and engagement methods set out in other conditions and management plans where relevant.</p> <p>(viii) A record of the engagement with the parties identified in (b)(i) above including summaries of feedback, and the requiring authority's response to feedback; and</p> <p>(ix) A record of any outcomes and actions undertaken in response to feedback, including changes to the detailed design.</p> <p>(c) Any SCEMP prepared for a Stage of Work shall be submitted to the Manager for information a minimum of 10 working days prior to the Start of Construction for a Stage of Work.</p>	<p>Reject amendment to 11(a) and addition of 11(a)(i) - 11(a)(ii) – The Commissioners recommend changing the objective of the SCEMP to include multiple elements adding a reference to ensuring proactive engagement, ensuring a process for all stakeholders to provide input into detailed design and a response process for complaints received. While Auckland Transport acknowledges the intent of these changes, it rejects this recommendation because:</p> <ul style="list-style-type: none"> The SCEMP objective as drafted already requires an engagement framework to be proactively developed in consultation with relevant Stakeholders. This approach allows for an engagement approach to be developed that is appropriate for each specific community in question. The Urban and Landscape Design Management Plan (ULDMP) already provides for the involvement of relevant stakeholders in the detailed design process. The existing condition set already includes management plan requirements to ensure stakeholder feedback is incorporated where possible and that complaints are addressed as discussed further below¹. <p>Reject addition of 11(b)(viii)-(ix) - The Commissioners recommend including requirements for Auckland Transport to maintain a record of engagement with parties, and the outcomes of this engagement. Auckland Transport rejects this addition because Condition 10 already requires that a summary of stakeholder feedback is submitted with its relevant management plan, alongside an explanation if feedback has not been implemented. Further, Condition 21 requires a record of complaints received about construction works to be kept, including measures on how complaints were addressed.</p>
All	15	<p>Urban and Landscape Design Management Plan</p> <p>(a) A ULDMP shall be prepared prior to the Start of Construction start of detailed design for a Stage of Work. The objective of the ULDMP(s) is to:</p> <p>...</p>	<p>Reject amendment to clause 15(a) – The Commissioners recommend amending the timeframe for preparing the ULDMP to the start of detailed design instead of the Start of Construction. Auckland Transport rejects this amendment because the ULDMP is part of the process of detailed design and is informed by engagement with Manawhenua and relevant stakeholders, which occurs six months prior to the start of that process.²</p> <p>In any event, the ULDMP must be provided as part of the Outline Plan of Works required to authorise construction as per Condition 8. Therefore, due to the combined condition requirements, the ULDMP is likely to be developed well in advance of start of construction.</p>

¹ Scafton Primary Evidence at [35.30].

² Scafton Primary Evidence at [22.6].

Designation	Condition number	Modifications made by Auckland Transport to conditions recommended by the Hearing Commissioners (additions to conditions are in bold and underlined and rejections are in bold and strikethrough)	Reason for modifications
All	15A	<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"> (i) is designed to integrate with the adjacent urban (or proposed urban) and landscape context, including the surrounding existing or proposed topography, urban environment (e.g. centres and density of built form), community facilities and educational facilities natural environment, landscape character and open space zones; (ii) provides appropriate walking and cycling connectivity <u>to</u>, and interfaces with, existing or proposed adjacent land uses and, (including public transport infrastructure and walking and cycling facilities) connections; (iii) promotes <u>Provides for direct, convenient and legible active mode connections and for</u> inclusive access (where appropriate); (iv) promotes a sense of personal safety by aligning with best practice guidelines, such as: <ul style="list-style-type: none"> A. Crime Prevention Through Environmental Design (CPTED) principles; B. Safety in Design (SID) requirements; and C. Maintenance in Design (MID) requirements and anti-vandalism/anti-graffiti measures. (v) has responded to matters identified through the Land use Integration Process (Condition 3). <p>(b) The ULDMP shall be prepared in general accordance with:</p> <ul style="list-style-type: none"> (i) Auckland Transport's Urban Roads and Streets Design Guide <u>or any subsequent updated version;</u> (ii) New Zealand Transport Agency Urban Design Guidelines: Bridging the Gap (2013) or any subsequent updated version; (iii) New Zealand Transport Agency Landscape Guidelines (2013) or any subsequent updated version; (iv) New Zealand Transport Agency P39 Standard Specification for Highway Landscape Treatments (2013) or any subsequent updated version; and (v) Auckland's Urban Ngāhere (Forest) Strategy or any subsequent updated version and including and Local Board adopted Urban Ngāhere Action Plans; and (vi) Local Board adopted Greenway and/or Path Plans 	<p>Reject amendment to 15A(i) – The Commissioners recommend amending 15A(a)(i) to include provision for community facilities and educational facilities, on the basis these are “nodal points” in active mode urban environments. Auckland Transport does not consider that it is necessary to specify community facilities and educational facilities, as they are inherently included as part of the urban environment which the clause already applies to.</p> <p>Reject amendment to 15A(a)(ii) – The Commissioners recommend the deletion of “walking and cycling connections” due to potentially unintentional repetition. Auckland Transport acknowledges the Commissioners' observation that the wording has “a perhaps unintended circularity”³, but does not agree with its deletion. The intent is that the ULDMP provides details on how walking and cycling connections provided as part of the Project are intended to connect with existing or planned walking and cycling facilities adjacent to/beyond the project extent. Auckland Transport's revised wording addresses this nuance and addresses the circularity of the drafting.</p> <p>Reject amendment to 15A(iii) – The Commissioners recommend an addition to 15A(iii) to ensure direct, inclusive access is provided for. Auckland Transport does not consider that the proposed amendment is needed, because the provision for directness, convenience, and legibility of active mode connections is addressed through the guidelines and standards that the ULDMP is required to be prepared in accordance with listed at (b)⁴. Moreover, the clause as originally drafted is intended to promote inclusive access, which is more encompassing than directness, convenience, or legibility⁵.</p> <p>Accept amendment to 15A(b)(i) – The Commissioners recommend the inclusion of “or any subsequent version” to ensure consistency with the wording of other guidance documents. Auckland Transport accepts the addition of “or any subsequent updated version” as this is consistent with other ULDMP references to guidance documents.</p> <p>Reject amendments to (b)(v) and addition of (b)(vi) – The Commissioners recommend that the Local Board Urban Ngāhere Plan should be referenced on the basis that it was drafted with the Papakura existing environment in mind. Auckland Transport considers that this addition is not necessary, as Local Board-scale plans will necessarily be consistent with/give effect to the regional strategy which is already specified in (v). It also considers the addition of Local Board-adopted Greenway and/or Path Plans is not necessary, as Auckland Transport's role in developing and giving effect to these plans is captured in business-as-usual engagement with Local Boards. In any event integration with, and connections to, proposed and existing local reserves and walking and cycling facilities will be covered by 15A(a)(i)-(ii).</p>
All	15B	<p>The ULDMP(s) shall include:</p> <ul style="list-style-type: none"> (a) A concept plan – which depicts the overall landscape and urban design concept, and explain the rationale for the landscape and urban design proposals; (b) Developed design concepts, including principles for walking and cycling facilities and public transport; (c) Landscape and urban design details – that cover the following: <ul style="list-style-type: none"> (i) road design – elements such as intersection form, carriageway gradient and associated earthworks contouring including cut and fill batters and the interface with adjacent land uses and existing roads (including slip lanes), benching, spoil disposal sites, median width and treatment, roadside width and treatment; 	<p>Reject addition of 15B(c)(ix)(E) – The Commissioners recommend that provision for reinstatement of planting and signage be included for additional clarity. Auckland Transport considers that the addition of signage is not necessary as this is a non-exhaustive list, and on-site signage in many cases would be encompassed by “boundary features”.</p> <p>Amendment by Auckland Transport to 15B(d)(i)(D) and (E) – to avoid duplication, Auckland Transport has amended clauses d(i)(D) and (E) as follows:</p>

³ Recommendation at [498].

⁴ Linford Primary Evidence at [11.1].

⁵ Linford Primary Evidence at [9.13]-[9.14].

Designation	Condition number	Modifications made by Auckland Transport to conditions recommended by the Hearing Commissioners (additions to conditions are in bold and underlined and rejections are in bold and strikethrough)	Reason for modifications
		<ul style="list-style-type: none"> (ii) roadside elements – such as lighting, fencing, wayfinding and signage; (iii) architectural and landscape treatment of all major structures, including bridges and retaining walls; (iv) architectural and landscape treatment of noise barriers; (v) landscape treatment and planting of permanent stormwater control wetlands and swales; (vi) integration of passenger transport; (vii) pedestrian and cycle facilities including paths, road crossings and dedicated pedestrian/ cycle bridges or underpasses; (viii) historic heritage places with reference to the HHMP (Condition 28); and (ix) re-instatement of construction and site compound areas; and (x) features disturbed during construction and intended to be reinstated such as: <ul style="list-style-type: none"> A. boundary features; B. driveways; C. accessways; and D. fences. <p>E. Signage, including naming and directional signage</p> <p>(d) The ULDMP shall also include the following planting and maintenance details:</p> <ul style="list-style-type: none"> (i) planting design details including: <ul style="list-style-type: none"> A. identification of existing trees and vegetation that will be retained with reference to the LMP and TMP. Where practicable, mature trees and native vegetation should be retained; B. street trees, shrubs and ground cover suitable for the location; C. treatment of fill slopes to integrate with adjacent land use, streams, R riparian margins and open space zones; D. planting of stormwater wetlands; D. identification of vegetation to be retained and any planting requirements under the LMP (Condition 30) and TMP (Condition 31); E. integration of any planting required by conditions of any resource consents for the project; and F. re-instatement planting of construction and site compound areas as appropriate. 	<ul style="list-style-type: none"> (a) Removed the reference to "planting of stormwater wetlands" due to the existence of "planting" in (d)(i)(E); and (b) Removed the reference to "vegetation to be retained" in new (g)(iv)(D) as it duplicates the requirements in (d)(i)(A) and is therefore unnecessary.
1 and 3	16	<p>Open Space Management Plan (OSMP)</p> <ul style="list-style-type: none"> (a) An OSMP shall be prepared prior to the Start of Construction for a Stage of Work for the open spaces listed in <i>Schedule 3</i>. (b) Auckland Council Parks shall be invited to participate in the development of the OSMP at least six months prior to the start of detailed design for a Stage of Work. (c) The objectives of the OSMP are is to minimise as far as practicable adverse effects <u>of the Project on the values and functions on the recreation amenity</u> of the open spaces listed in <i>Schedule 3</i>. (d) To achieve the objective, the OSMP shall include details of: <ul style="list-style-type: none"> (i) how the ongoing operation of and access (including walking and cycling) to those open spaces during construction will be maintained in accordance with the CTMP (Condition 23); (ii) opportunities to coordinate the forward work programme for those open spaces where appropriate with Auckland Council Parks; (iii) measures to reasonably maintain the existing level of service of the affected open space; and (iv) how comments from Auckland Council Parks have been incorporated in the OSMP, and where comments have not been incorporated, the reasons why; and. <p>(v) Measures to mitigate the loss of community facilities, assets and open space based on stakeholder feedback during the SCEMP process, including, but not limited to, means for funding and implementing the mitigation. Mitigation that is not contingent on Construction Works being completed must be implemented by Auckland Transport prior to construction commencing.</p>	<p>Amendment by Auckland Transport to 16(c) - The Commissioners recommend amendments to 16(c) to require Auckland Transport to mitigate potential effects on both the values and functions of open space in the OSMP as opposed to just recreational amenity. Auckland Transport recognises the merit of including 'functions' in place of 'recreational amenity' on the basis that some open spaces affected by the Project have functions other than recreational amenity. Further, Auckland Transport accepts the Commissioners' grammatical change to "of the Project". Auckland Transport has amended 16(a) accordingly.</p> <p>Reject addition of 16(b)(v) - The Commissioners have recommended including a clause that requires measures to mitigate loss of community facilities, including a requirement to fund and implement such mitigations. Auckland Transport rejects this addition because requiring mitigation for the loss of community facilities and assets, based on stakeholder feedback, has the potential to go beyond the effects-based objective of the OSMP. It could also go beyond the scope of s108AA(1)(a) as a condition can only be imposed to mitigate effects directly connected to the Project. In any event, the latter part of the recommended condition requiring the OSMP to outline the means for funding of mitigation measures cannot be lawfully imposed. Under s108(2)(a), a condition cannot be imposed relating to financial contribution unless provided for in the relevant district plan, which is not the case in the AUP.</p>
3	14A	<p>Southmall Access</p> <p>The Outline Plan shall demonstrate how vehicular access will be reinstated from Weymouth Road to the Southmall site at 185 Great South Road, Manurewa. This shall include provision for a left-in, left-out, and right-in signal-controlled intersection for all traffic movements, unless otherwise agreed with the landowner. <u>Consideration of intersection form shall include traffic signals as an option, and shall have regard to safety, bus lane operation, corridor efficiency, and provision of access to land south of Weymouth Road.</u></p>	<p>Reject changes to condition 14A, further amendments proposed by Auckland Transport – The Commissioners recommended that an all-movements signalised intersection to serve Southmall from Weymouth Road should be provided for as part of the Project, and that amendments should be made to</p>

Designation	Condition number	Modifications made by Auckland Transport to conditions recommended by the Hearing Commissioners (additions to conditions are in bold and underlined and rejections are in bold and strikethrough)	Reason for modifications
			Condition 14A and Schedule 1 to secure this outcome ⁶ . Auckland Transport does not consider that there is sufficient operational or design certainty at this stage of the Project design to specify the requirement for a signalised all-movements intersection in the Southmall access condition. Additional transport modelling undertaken on the signalised intersection form currently indicates significant traffic queues, and/or a need to remove the priority bus lanes to alleviate traffic queues, which would compromise the Project Objectives. Auckland Transport rejects the Commissioners' recommendation and reinstates the previous condition wording which referenced the turning movements that it is confident can be accommodated without significant adverse effects. To address the issues raised by the Commissioners, Auckland Transport has modified the condition to outline a range of considerations to inform the future design process for the intersection including signals, safety, bus lane operation, corridor efficiency, and property access issues on both sides of the road.
All	23	Construction Traffic Management Plan (CTMP) (a) A CTMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the CTMP is to avoid, remedy or mitigate, as far as practicable, adverse construction traffic effects. (b) To achieve this objective, the CTMP shall include: (i) methods to manage the effects of temporary traffic management activities on traffic; (ii) measures to ensure the safety of all transport users; (iii) the estimated numbers, frequencies, routes and timing of traffic movements, including any specific non-working or non-movement hours to manage vehicular and pedestrian traffic near Educational Facilities or to manage traffic congestion; (iv) site access routes and access points for heavy vehicles, the size and location of parking areas for plant, construction vehicles and the vehicles of workers and visitors; (v) identification of detour routes and other methods to ensure the safe management and maintenance of traffic flows, including public transport, pedestrians and cyclists; (vi) methods to maintain access to and within property and/or private roads where practicable, or to provide alternative arrangements when it will not be, including details of how access is managed for loading and unloading of goods. <u>Engagement with landowners and occupiers whose access is directly affected shall be undertaken in accordance with condition 11(b)(viii);</u> (vii) the management approach to loads on heavy vehicles, including covering loads of fine material, the use of wheel-wash facilities at site exit points and the timely removal of any material deposited or spilled on public roads; (viii) methods that will be undertaken to communicate traffic management measures to affected road users (e.g. residents/public/Stakeholders/emergency services); (ix) details of minimum network performance parameters during the construction phase, including any measures to monitor compliance with the performance parameters; and (x) details of any measures proposed to be implemented in the event of thresholds identified in (ix) being exceeded. (c) Auditing, monitoring and reporting requirements relating to traffic management activities shall be undertaken in accordance with the New Zealand Guide to Temporary Traffic Management (April 2013) or any subsequent version.	Amendment by Auckland Transport to 23(b)(vi) – Auckland Transport noted in its closing legal submissions that submitter concerns regarding lack of consultation on CTMP matters has been resolved by an amendment to the CTMP condition to clarify that intent ⁷ . A subsequent memorandum ⁸ clarified the amendments were intended to apply to both landowners and occupiers. These amendments appear to have been omitted from the Commissioners' recommendation, and Auckland Transport considers it appropriate they be included on each designation, and confirms this was the intention.
All	27	Schedule to a CNVMP (a) A Schedule to the CNVMP (Schedule) shall be prepared prior to the Start of the Construction <u>of an activity</u> to which it relates by a Suitably Qualified Person, in consultation with the owners and occupiers of sites subject to the Schedule, when: (i) construction noise is either predicted or measured to exceed the noise standards in Condition 24, except where the exceedance of the LAeq criteria is no greater than 5 decibels and does not exceed: A. 0630 – 2000: 2 periods of up to 2 consecutive weeks in any 2 months, or B. 2000 - 0630: 1 period of up to 2 consecutive nights in any 10 days. (ii) construction vibration is either predicted or measured to exceed the Category B standard at the receivers in Condition 25.	Amendment by Auckland Transport to 27(a) – Auckland Transport amends (a) to provide additional clarity.

⁶ Recommendation, at [168]-[171].

⁷ Closing Legal Submissions at [8.27].

⁸ Memorandum of Counsel on behalf of Auckland Transport regarding post-hearing updates, dated 30 September 2024 at [4.1]-[4.4].

Designation	Condition number	Modifications made by Auckland Transport to conditions recommended by the Hearing Commissioners (additions to conditions are in bold and underlined and rejections are in bold and strikethrough)	Reason for modifications									
All	28	Historic Heritage Management Plan (HHMP) (e) 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.	Amendment by Auckland Transport to 28(b)(c) – Auckland Transport has deleted clause (c) because: <ul style="list-style-type: none">The actions to avoid, remedy and mitigate adverse effects on historic heritage are set out in the HHMP inclusions in 28(b). The HHMP will also be submitted through the Outline Plan process;Monitoring and reporting actions are inherent in 28(b). It is not necessary to then condition a subsequent administrative process. This deletion is also consistent with other management plan conditions (ie the TMP, CNVMP and EMP) which include monitoring and reporting actions, but do not condition a substantive administrative process.									
1, 2 and 3	29	Pre-Construction Lizard Survey (a) At the start of detailed design for a Stage of Work, a visual assessment of potential lizard habitats within the Stage of Work area shall be undertaken by a Suitably Qualified Person, an updated survey of native lizards and their habitat in the locations shown in Schedule 5: Identified Native Lizard Habitat Areas shall be undertaken by a Suitably Qualified Person. The purpose of the <u>survey lizard habitat assessment is to identify potential lizard habitats where pre-construction lizard surveys shall be undertaken is to inform lizard management by</u> (b) Lizard surveys shall be undertaken at the locations of potential lizard habitat to inform lizard management by:- <ul style="list-style-type: none">(i) confirming whether the native lizards of value are present within the locations shown in Schedule 5 are still present; and(ii) confirming whether the project will or may have a moderate or greater level of ecological effect on native lizards of value in those locations, prior to implementation of impact management measures, as determined in accordance with the EIANZ guidelines. (c) If the survey confirms the presence of native lizards of value in accordance with condition 29(a)(i) and that effects are likely in accordance with condition 29(a)(ii) then a Lizard Management Plan (or Plans) shall be prepared in accordance with Condition 30 for these areas (Confirmed Lizard Management Plan Areas).	Reject amendments to 29 – The Commissioners recommend the inclusion of a preliminary visual assessment of potential lizard habitats across all FTN designations on the basis that the environment (and known lizard locations) may change over time. Auckland Transport rejects this change. Auckland Transport provided extensive expert evidence demonstrating that it is not necessary to provide for a preliminary visual assessment of potential lizard habitats. As explained by Ms Davies, the existing environment is highly urbanised and is anticipated to remain urban in the future. ⁹ It is unlikely that ecological values and the level of effect will improve in the future and thus require a preliminary visual assessment for potential lizard habitat. Further, future regional consenting requirements and Wildlife Act compliance will mitigate any risks to native lizards that may move or inhabit different habitats in the future. ¹⁰									
All	31	Tree Management Plan (TMP) (a) Prior to the Start of Construction for a Stage of Work, a TMP shall be prepared. The objective of the TMP is to avoid, remedy or mitigate effects of construction activities on trees identified in Schedule 6. (b) To achieve the objective, the TMP shall: <ul style="list-style-type: none">(i) confirm that the trees listed in Schedule 5 still exist; and(ii) demonstrate how the design and location of project works has avoided, remedied or mitigated any effects on any tree listed in Schedule 5. This may include:<ul style="list-style-type: none">A. planting to replace trees that require removal (with reference to the ULDMP planting design details in Condition 15);B. tree protection zones and tree protection measures such as protective fencing, ground protection and physical protection of roots, trunks and branches; andC. methods for work within the rootzone of trees that are to be retained in line with accepted arboricultural standards. demonstrate how the tree management measures (outlined in A – C above) are consistent with any relevant conditions of resource consents granted for the project.	Deletion of 31(b)(iii) by Auckland Transport: Auckland Transport deletes 31(b)(iii), because a reference to unknown resource consent conditions is not required.									
All	Schedule 3	Schedule 3: Open spaces to be included in the Open Space Management Plan NoR 1 <table><tr><th>Open Space Name</th><th>Address</th><th>Legal description</th></tr><tr><td>Anderson Park</td><td>58R Great South Road Manurewa Auckland 2102</td><td>Lot 8 DP 12984</td></tr><tr><td>Central Park</td><td>57R Wood Street, Papakura</td><td>ALLOT 205 Sec 11 Village PAKAKURA</td></tr></table>	Open Space Name	Address	Legal description	Anderson Park	58R Great South Road Manurewa Auckland 2102	Lot 8 DP 12984	Central Park	57R Wood Street, Papakura	ALLOT 205 Sec 11 Village PAKAKURA	Reject additions to Schedule 3 – The Commissioners agreed with the Auckland Council specialists and recommended that all open spaces affected by the Project be included in Schedule 3 ¹¹ . Auckland Transport considers that there is no effects-based justification for the addition of these open spaces to Schedule 3, as the extent and effect of the proposed works on their respective functions is minimal. ¹² Specifically: <ul style="list-style-type: none">Central Park (57R Wood Street) is an informal recreation space with a number of community facilities, all of which are unaffected by the works,
Open Space Name	Address	Legal description										
Anderson Park	58R Great South Road Manurewa Auckland 2102	Lot 8 DP 12984										
Central Park	57R Wood Street, Papakura	ALLOT 205 Sec 11 Village PAKAKURA										

⁹ Davies Primary Evidence at [11.3](f).

¹⁰ At [11.3(g)].

¹¹ Recommendation, at [534].

¹² See South Frequent Transit Network Assessment of Effects on the Environment at 76.

Designation	Condition number	Modifications made by Auckland Transport to conditions recommended by the Hearing Commissioners (additions to conditions are in bold and <u>underlined</u> and rejections are in bold and strikethrough)			Reason for modifications																																						
		<table><tr><td>Central Park Cenotaph</td><td>278 Great South Road, Auckland 2110</td><td>ALLOT 115 SEC 11 Village PAKAKURA</td></tr><tr><td>Chisholm Corner</td><td>312 Great South Road, Ōpaheke, Auckland 2113</td><td>Lot 3 DP 148082</td></tr><tr><td>Slippery Creek Reserve</td><td>Road Reserve</td><td>Road Reserve</td></tr></table> NoR 2 <table><tr><td>Open Space Name</td><td>Address</td><td>Legal description</td></tr><tr><td>Karaka Reserve</td><td>10R Karaka Road, Drury</td><td>SEC 1 SO 65144</td></tr><tr><td>Hingaia Esplanade Reserve</td><td>279 Great South Road, Drury</td><td>PT LOT 6 DP 77604</td></tr></table> NoR 3 <table><tr><td>Open Space Name</td><td>Address</td><td>Legal description</td></tr><tr><td>Tadmore Park</td><td>238R Great South Road Manurewa Auckland 2102</td><td>LOT 2 DP 49948, LOT 3 DP 49948</td></tr><tr><td>Gallaher Park</td><td>21R Alfriston Road Manurewa Auckland 2102</td><td>LOT 4 DP 46314, LOT 5 DP 46314</td></tr><tr><td>Index Place Reserve</td><td>92R Alfriston Road Manurewa</td><td>LOT 53 DP 349979</td></tr><tr><td>Alfriston Park</td><td>26R Saralee Drive Manurewa Auckland 2105</td><td>LOT 76 DP 203181</td></tr></table> NoR 4 <table><tr><td>Open Space Name</td><td>Address</td><td>Legal description</td></tr><tr><td>Addison Reserve</td><td>21 Airfield Road</td><td>LOT 1029 DP 516537</td></tr></table>	Central Park Cenotaph	278 Great South Road, Auckland 2110	ALLOT 115 SEC 11 Village PAKAKURA	Chisholm Corner	312 Great South Road, Ōpaheke, Auckland 2113	Lot 3 DP 148082	Slippery Creek Reserve	Road Reserve	Road Reserve	Open Space Name	Address	Legal description	Karaka Reserve	10R Karaka Road, Drury	SEC 1 SO 65144	Hingaia Esplanade Reserve	279 Great South Road, Drury	PT LOT 6 DP 77604	Open Space Name	Address	Legal description	Tadmore Park	238R Great South Road Manurewa Auckland 2102	LOT 2 DP 49948, LOT 3 DP 49948	Gallaher Park	21R Alfriston Road Manurewa Auckland 2102	LOT 4 DP 46314, LOT 5 DP 46314	Index Place Reserve	92R Alfriston Road Manurewa	LOT 53 DP 349979	Alfriston Park	26R Saralee Drive Manurewa Auckland 2105	LOT 76 DP 203181	Open Space Name	Address	Legal description	Addison Reserve	21 Airfield Road	LOT 1029 DP 516537		<p>which are almost entirely temporary and affect approx 1% of the space. Note the historic heritage extent of place within the park is affected and would be managed via the Historic Heritage Management Plan (HHMP) condition.</p> <ul style="list-style-type: none">Slippery Creek Reserve is within the road reserve. It contains wastewater assets and is otherwise vacant. The works within the reserve are largely temporary, and works in proximity to wastewater assets will be managed via the Network Utility Management Plan (NUMP) condition.Karaka Reserve (10R Karaka Road) is vegetated/otherwise vacant. The works within the reserve are entirely temporary.Hingaia Esplanade reserve (279 Great South Road) – works within reserve are entirely temporary.Index Place Reserve (92R Alfriston Road) – functions as a stormwater dry detention basin, which would not be materially affected by the Project.Addison Reserve (21 Airfield Road) is vacant land under Transpower assets (pylon and electricity transmission lines). The impacts on this land are entirely temporary and affect approximately 1% of the reserve area.In any event, Auckland Transport has to seek landowner approval from Auckland Council Parks and Community Facilities as the responsible department, as well as the relevant Local Board prior to undertaking any works on these reserves.¹³
Central Park Cenotaph	278 Great South Road, Auckland 2110	ALLOT 115 SEC 11 Village PAKAKURA																																									
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¹³ Miln evidence, at [8.7].

Appendix A – Updated Designation Boundary – 16 Alfriston Road (NoR 3)



Proposed designation boundary as lodged



LEGEND

- Your Property Boundary
- Indicative area of your property within draft designation boundary

Owner ID: 548142
Title No: NA1052/209
16 Alfriston Road

Alfriston Road (NoR 3)

Date : 27/09/2024

Updated designation boundary



LEGEND

- Your Property Boundary
- Indicative area of your property within draft designation boundary

Owner ID: 548142
Title No: NA1052/209
16 Alfriston Road

Alfriston Road (NoR 3)

Date : 27/09/2024

NOTES

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

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





Appendix A – Updated Designation Boundary – 135 Alfriston Road (NoR 3)

Proposed designation boundary as lodged



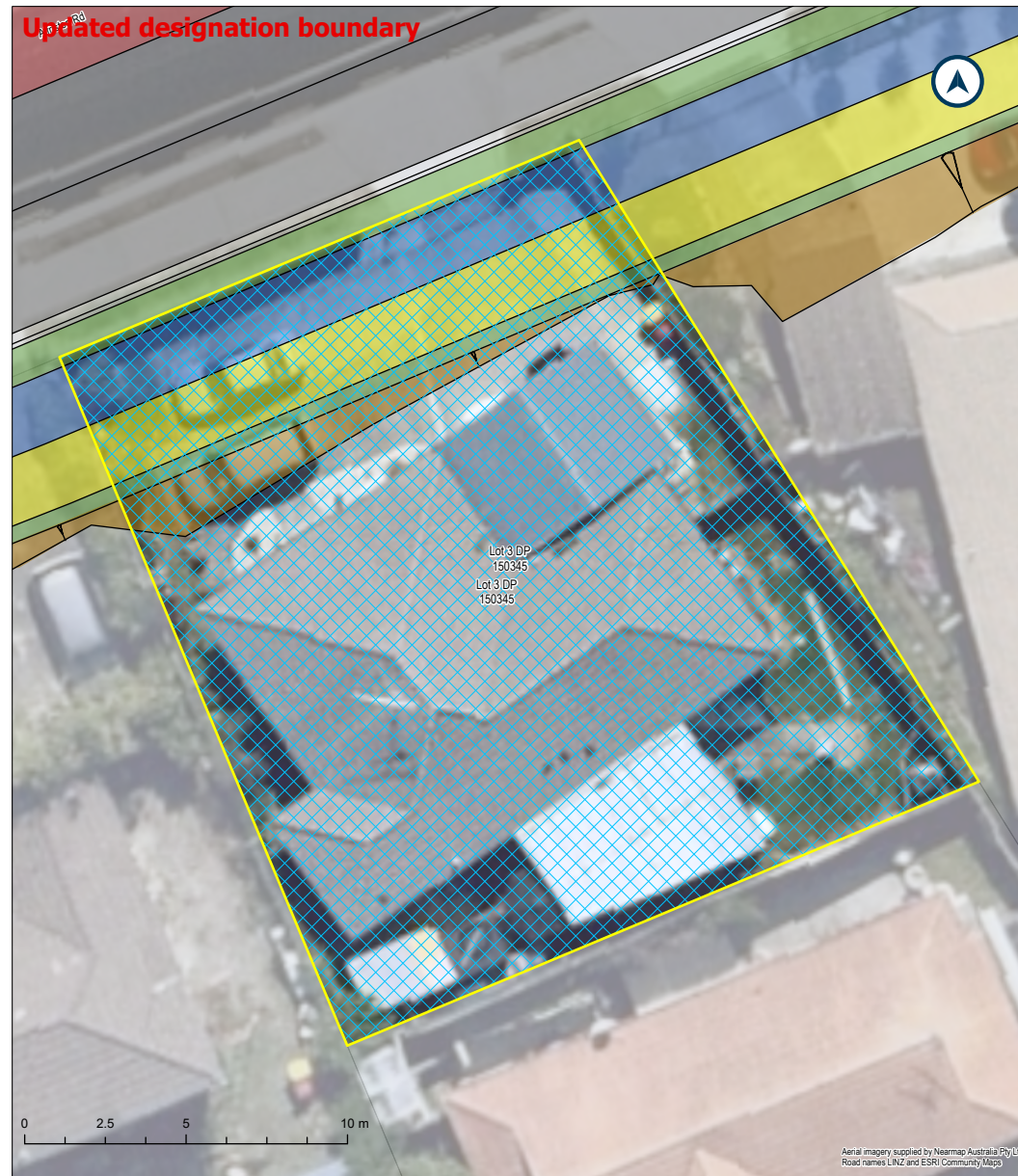
LEGEND			
	Your Property		Earthworks
	Indicative area of your property within draft designation boundary		Verge
			Road Corridor
			Bridge
			Footpath
			Verge Material/Median
			Stormwater Wetland/ Attenuation Device/ Swale
			Proposed Design

Owner ID:547637
Title No:NA89D/36
135 Alfriston Road
Alfriston Road (No 3)
Date : 24/05/2024

NOTES
1. Property Boundary data derived from Land Information New Zealand
2. This map shows the area of land that may be affected by the route
3. This plan may not include all the land in your ownership over a wider area
4. Blue hatched area for the proposed designation may also include areas to enable temporary construction works to take place
This map contains data derived in part or wholly from sources other than those party to the Supporting Growth Alliance, and therefore, no representations or warranties are made by those party to the Supporting Growth Alliance as to the accuracy or completeness of this information.
Map intended for distribution as a PDF document. Scale may be incorrect when printed.



Updated designation boundary



LEGEND			
	Your Property		Earthworks
	Indicative area of your property within draft designation boundary		Verge
			Road Corridor
			Bridge
			Footpath
			Verge Material/Median
			Stormwater Wetland/ Attenuation Device/ Swale
			Proposed Design

Owner ID:547637
Title No:NA89D/36
135 Alfriston Road
Alfriston Road (No 3)
Date : 24/05/2024

NOTES
1. Property Boundary data derived from Land Information New Zealand
2. This map shows the area of land that may be affected by the route
3. This plan may not include all the land in your ownership over a wider area
4. Blue hatched area for the proposed designation may also include areas to enable temporary construction works to take place
This map contains data derived in part or wholly from sources other than those party to the Supporting Growth Alliance, and therefore, no representations or warranties are made by those party to the Supporting Growth Alliance as to the accuracy or completeness of this information.
Map intended for distribution as a PDF document. Scale may be incorrect when printed.



Appendix B – Auckland Transport’s Modifications to NoR 1 conditions



[#### – Council to allocate] Great South Road FTN Upgrade

Designation Number	[XXXX]
Requiring Authority	Auckland Transport
Location	Great South Road between Manukau and Drury
Lapse Date	In accordance with section 184(1)(c) of the RMA, this designation shall lapse if not given effect to within 15 years from the date on which it is included in the AUP.

Purpose

To construct, operate and maintain upgrades to an arterial transport corridor and associated infrastructure.

Conditions

Abbreviations and definitions

Acronym/Term	Definition
Activity sensitive to noise	Any dwelling, visitor accommodation, boarding house, marae, papakāinga, integrated residential development, retirement village, supported residential care, care centre, lecture theatre in a tertiary Education Facility, classroom in an Education Facility and healthcare facility with an overnight stay facility.
AUP	Auckland Unitary Plan
BPO or Best Practicable Option	Has the same meaning as in section 2 of the RMA 1991.
CEMP	Construction Environmental Management Plan
Certification of material changes to management plans	Confirmation from the Manager that a material change to a management plan has been prepared in accordance with the condition to which it relates. A material change to a management plan shall be deemed certified: (a) where the Requiring Authority has received written confirmation from the Manager that the material change to the management plan is certified; or (b) 10 working days from the submission of the material change to the management plan where no written confirmation of certification has been received.
CMP	Cultural Monitoring Plan
CNVMP	Construction Noise and Vibration Management Plan
CNVMP Schedule or Schedule	A schedule to the CNVMP
Completion of Construction	When construction of the project (or part of the project) is complete and it is available for use.
Confirmed Lizard Management Plan Areas	Areas recorded in the Identified Native Lizard Habitat Areas Schedule where the ecological values and effects have been confirmed through the lizard survey under Condition 31.
Construction Works	Activities undertaken to construct the project excluding Enabling Works.

Council	Auckland Council
CTMP	Construction Traffic Management Plan
Developer	Any legal entity that intends to master plan or develop land adjacent to the designation.
Development Agency	Public entities involved in development projects.
Educational Facility	Facility used for education to secondary level. Includes: (a) schools and outdoor education facilities; and (b) accommodation, administrative, cultural, religious, health, retail and communal facilities accessory to the above. Excludes: (a) care centres; and (b) tertiary education facilities.
EIANZ Guidelines	Ecological Impact Assessment: EIANZ guidelines for use in New Zealand: terrestrial and freshwater ecosystems, second edition, dated May 2018.
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 Native Lizard Habitat 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 on native lizards, prior to implementation of impact management measures, as determined in accordance with the EIANZ guidelines.
LMP	Lizard Management Plan
Manager	The Manager – Resource Consents of the Auckland Council, or authorised delegate.
Mana Whenua	Mana Whenua as referred to in the conditions are considered to be, but not limited to, the following (in no particular order), who at the time of Notice of Requirement expressed a desire to be involved in the project: (a) Te Ākitai Waiohū; (b) Ngāi Tai ki Tāmaki; (c) Ngāati Te Ata Waiohū; (d) Ngāati Whanaunga; (e) Ngāti Tamahō; (f) Ngāti Paoa Trust Board; (g) Te Ahiwaru Waiohū; (h) Ngāti Tamaterā; and

	(i) Ngāti Maru. Note: Other iwi not identified above may have an interest in the project and should be consulted
Network Utility Operator	Has the same meaning as set out in section 166 of the RMA.
NIMP	Network Integration Management Plan
NUMP	Network Utilities Management Plan
NOR	Notice of Requirement
NZAA	New Zealand Archaeological Association
OSMP	Open Space Management Plan
Outline Plan	An outline plan prepared in accordance with section 176A of the RMA.
Project Liaison Person	The person or persons appointed for the duration of the project's Construction Works to be the main point of contact for persons wanting information about the project or affected by the Construction Works.
Protected Premises and Facilities (PPF)	Protected Premises and Facilities as defined in New Zealand Standard NZS 6806:2010: <i>Acoustics – Road-traffic noise – New and altered roads</i> .
Requiring Authority	Has the same meaning as section 166 of the RMA and, for this designation is Auckland Transport.
RMA	Resource Management Act 1991
SCEMP	Stakeholder Communication and Engagement Management Plan
Stakeholder	Stakeholders to be identified in accordance with Condition 5, 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

General conditions	
1.	<p>Activity in General Accordance with Plans and Information</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 following in Schedule 1:</p> <ul style="list-style-type: none"> (i) the project description; and (ii) concept plans. <p>(b) Where there is inconsistency between:</p> <ul style="list-style-type: none"> (i) the project description and concept plans in Schedule 1 and the requirements of the following conditions, the conditions shall prevail; (ii) the project description and concept plans in Schedule 1, and the management plans under the conditions of the designation, the requirements of the management plans shall prevail.
2.	<p>Project Information</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"> (i) the status of the project; (ii) anticipated construction timeframes; (iii) contact details for enquiries; (iv) the implications of the designation for landowners, occupiers and business owners and operators within the designation and where they can receive additional advice; (v) a subscription service to enable receipt of project updates by email; and (vi) when and how to apply for consent for works in the designation under section 176(1)(b) of the RMA. <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>Land Use Integration Process</p> <p>(a) The Requiring Authority shall set up a Land use Integration Process for the period between confirmation of the designation and the Start of Construction. The purpose of this process is to encourage and facilitate the integration of master planning and land use development activity on land directly affected or adjacent to the designation. To achieve this purpose:</p> <ul style="list-style-type: none"> (i) the Requiring Authority shall include the contact details of a nominated contact on the project website (or equivalent information source) required to be established by Condition (2)(b)(iii); and (ii) the nominated contact shall be the main point of contact for a Developer or Development Agency wanting to work with the Requiring Authority to integrate their development plans or master planning with the designation. <p>(b) At any time prior to the Start of Construction, the nominated contact will be available to engage with a Developer or Development Agency for the purpose of:</p> <ul style="list-style-type: none"> (i) responding to requests made to the Requiring Authority for information regarding design details that could assist with land use integration; and (ii) receiving information from a Developer or Development Agency regarding master planning or land development details that could assist with land use integration. <p>(c) Information requested or provided under Condition 3(b) above may include but not be limited to the following matters:</p> <ul style="list-style-type: none"> (i) design details including but not limited to: <ul style="list-style-type: none"> A boundary treatment (e.g. the use of retaining walls or batter slopes); B the horizontal and vertical alignment of the road (levels); C potential locations for mid-block crossings; D integration of stormwater infrastructure; E traffic noise modelling contours; and F outputs from flood modelling. (ii) potential modifications to the extent of the designation in response to the information received through Condition 3(b)(ii); (iii) a process for the Requiring Authority to undertake a technical review of or provide comments on any master planning or development proposal advanced by the Developer or Development Agency as it relates to integration with the project; and (iv) details of how to apply for written consent from the Requiring Authority for any development proposal that relates to land that is within the designation under section 176(1)(b) of the RMA. <p>(d) Where information is requested from the Requiring Authority and is available, the nominated contact shall provide the information unless there are reasonable grounds for not providing it.</p> <p>(e) The nominated contact shall maintain a record of the engagement between the Requiring Authority and Developers and Development Agencies for the period following the date in which this designation is included in the AUP through to the Start of Construction for a Stage of Work. The record shall include:</p> <ul style="list-style-type: none"> (i) details of any requests made to the Requiring Authority that could influence detailed design, the results of any engagement and, where such requests that could influence detailed design are declined, the reasons why the Requiring Authority has declined the requests; and (ii) details of any requests to co-ordinate the forward work programme, where appropriate, with Development Agencies and Network Utility Operators. <p>(f) The record shall be submitted to Council for information 10 working days prior to the Start of Construction for a Stage of Work</p>
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4.	<p>Early Childcare Centres</p> <p>(a) If the project is identified in a draft Regional Land Transport Plan that is released for public consultation, or funding is otherwise confirmed (whichever occurs first), the Requiring Authority shall begin engagement with the early childcare centres identified in Schedule 2 regarding the implementation of the projects.</p> <p>(b) For clarity, if the early childcare centre no longer exists then this condition shall not apply.</p>
5.	<p>Stakeholder Communication and Engagement Design</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"> (i) a list of Stakeholders; (ii) a list of properties within the designation which the Requiring Authority does not own or have occupation rights to; and (iii) methods to engage with Stakeholders and the owners and occupiers of properties identified in (a)(i) – (ii) above. <p>(b) A record of (a) shall be submitted to the Manager for information with an Outline Plan for the relevant Stage of Work.</p> <p>(c) The purpose of this identification and engagement design process is to inform future engagement processes during detailed design and construction phases for a Stage of Work.</p>
6.	<p>Designation Review</p> <p>The Requiring Authority shall within six months of Completion of Construction or as soon as otherwise practicable:</p> <p>(a) 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>(b) give notice to the Manager in accordance with section 182 of the RMA for the removal of those parts of the designation identified above.</p>
7.	<p>Lapse</p> <p>In accordance with section 184(1)(c) of the RMA, this designation shall lapse if not given effect to within 15 years from the date on which it is included in the AUP.</p>
8.	<p>Network Utility Operators and Auckland Council (Section 176 Approval)</p> <p>(a) Prior to the start of Construction Works, Network Utility Operators with existing infrastructure and Auckland Council in relation to parks located within the designation will not require written consent under section 176 of the RMA for the following activities:</p> <ul style="list-style-type: none"> (i) operation, maintenance and repair works; (ii) minor renewal works to existing network utilities or parks necessary for the on-going provision or security of supply of network utility operations; (iii) minor works such as new service connections; and (iv) the upgrade and replacement of existing network utilities in the same location with the same or similar effects on the works authorised by the designation as the existing utility. <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>
Pre-construction conditions	

9.	<p>Outline Plan</p> <ul style="list-style-type: none"> (a) An Outline Plan (or Plans) shall be prepared in accordance with section 176A of the RMA. (b) Outline Plans (or Plan) may be submitted in parts or in stages to address particular activities (e.g. design or construction aspects), or a Stage of Work of the project. (c) Outline Plans shall include any management plan or plans that are relevant to the management of effects of those activities or Stage of Work, which may include: <ul style="list-style-type: none"> (i) Network Integration Management Plan; (ii) Open Space Management Plan; (iii) Urban and Landscape Design Management Plan; (iv) Construction Environmental Management Plan; (v) Construction Traffic Management Plan; (vi) Construction Noise and Vibration Management Plan; (vii) Historic Heritage Management Plan; (viii) Lizard Management Plan; (ix) Tree Management Plan; and (x) Network Utilities Management Plan.
	<p>Flood Hazard</p> <p>For the purpose of Condition 10:</p> <ul style="list-style-type: none"> (a) AEP – means Annual Exceedance Probability; (b) Existing Authorised Habitable Floor – means the floor level of any room (floor) in a residential building which is authorised and exists at the time the outline plan is submitted, excluding a laundry, bathroom, toilet or any room used solely as an entrance hall, passageway or garage; (c) Flood Prone Area – means a potential ponding areas that may flood in a 1% AEP event and commonly comprise of topographical depression areas. The areas can occur naturally or as a result of constructed features. Identification of a potential Flood Prone Area would be by an assessment of residual flood risk in a 1% AEP event (e.g. from blockage of the project stormwater network) on land outside and adjacent to the designation following the application of Conditions 10(a)(i)-(iv); (d) Maximum Probable Development – is the design case for consideration of future flows allowing for development within a catchment that takes into account the maximum impervious surface limits of the current zone or if the land is zoned Future Urban in the AUP, the probable level of development arising from zone changes; (e) Pre-Project development – means existing site condition prior to the project (including existing buildings and roadways); and (f) Post-Project development – means site condition after the project has been completed (including existing and new buildings and roadways).

<p>10.</p>	<p>Flood Hazard</p> <p>(a) The project shall be designed to achieve the following flood risk outcomes beyond the boundary of the designation:</p> <ul style="list-style-type: none"> (i) no increase in flood levels in a 1% AEP event for Existing Authorised Habitable Floors that are already subject to flooding or have a freeboard less than 500mm; (ii) no increase in flood levels in a 1% AEP for authorised community, commercial, industrial and network utility building floors existing at the time the Outline Plan is submitted that are already subject to flooding or have a freeboard less than 300mm; (iii) maximum of 50mm increase in flood levels in a 1% AEP event outside and adjacent to the designation between the Pre-Project Development and Post-Project Development scenarios; (iv) no increase of Flood Hazard Class for the main access to authorised habitable dwellings existing at time the Outline Plan is submitted. The assessment shall be undertaken for the 1% AEP rainfall event and reference the hazard class in accordance with Schedule 3 to these conditions; and (v) no new flood prone areas. <p>(b) Compliance with this condition shall be demonstrated in the Outline Plan, which shall include flood modelling of the Pre-Project Development and Post-Project Development 1% AEP flood levels (for Maximum Probable Development land use and including climate change).</p> <p>(c) Where:</p> <ul style="list-style-type: none"> (i) the flood risk outcomes in (a) can be achieved through alternative measures outside of the designation such as flood stop banks, flood walls, raising Existing Authorised Habitable Floor level and new overland flow paths; or (ii) the outcomes are varied at a specific location(s) through agreement with the relevant landowner, <p>confirmation shall be provided to the Manager that any necessary landowner and statutory approvals have been obtained for that alternative measure or varied outcome.</p>
<p>11.</p>	<p>Existing property access</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 agreed with the affected landowner. This condition does not apply to business-zoned land.</p>

12.	<p>Existing business property access</p> <ul style="list-style-type: none"> (a) 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. (b) Where vehicle access to a property within business-zoned land will be altered by the project, the Outline Plan shall demonstrate how safe access will be provided that: <ul style="list-style-type: none"> (i) maintains and promotes the safe, effective, and efficient operation of the transport network; (ii) recognises the role and function of all accesses including for loading and unloading of goods to the site; and (iii) subject to achieving (i), also provides effective and efficient access to the site where practicable. (c) Where an alternative outcome has been agreed that does not comply with Condition 12(b), the Outline Plan shall provide details of the alternative outcome and how the safe, effective, and efficient operation of the transport network will be maintained. <p>Advice note: Condition 12 does not affect Auckland Transport's ability to exercise its statutory Road Controlling Authority powers to modify traffic or parking controls.</p>
13.	<p>Management Plans</p> <ul style="list-style-type: none"> (a) Any management plan shall: <ul style="list-style-type: none"> (i) be prepared and implemented in accordance with the relevant management plan condition; (ii) be prepared by a Suitably Qualified Person(s); (iii) include sufficient detail relating to the management of effects associated with the relevant activities and/or Stage of Work to which it relates. (iv) be submitted as part of an Outline Plan pursuant to section 176A of the RMA, with the exception of SCEMPs and CNVMP Schedules; and (v) once finalised, uploaded to the project website or equivalent virtual information source. (b) Any management plan developed in accordance with Condition 13 may: <ul style="list-style-type: none"> (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; (ii) except for material changes, be amended to reflect any changes in design, construction methods or management of effects without further process; (c) Information shall be submitted with the management plan (or revised plan as referred to in (d) below) which summarises outcomes of consultation and any input received from Mana Whenua and Stakeholders as required by the relevant management plan condition. The summary shall note how this input has been incorporated or reflected in the management plan, or if not, the reasons why; (d) If there is a material change required to a management plan which has been submitted with an Outline Plan, the revised part of the plan shall be submitted to the Manager as an update to the Outline Plan or for Certification as soon as practicable following identification of the need for a revision; and (e) Any material changes to the SCEMPs are to be submitted to the Manager for information.

14.	<p>Stakeholder Communication and Engagement Management Plan (SCEMP)</p> <p>(a) A SCEMP shall be prepared in consultation with relevant Stakeholders prior to the Start of Construction. The objective of the SCEMP is to identify how the public and Stakeholders will be engaged with throughout the Construction Works.</p> <p>(b) To achieve the objective, the SCEMP shall include:</p> <ul style="list-style-type: none"> (i) a list of Stakeholders; (ii) the contact details for the Project Liaison Person. These details shall be on the project website, or equivalent virtual information source, and prominently displayed at the main entrance(s) to the site(s); (iii) methods and timing to engage with owners and occupiers whose access is directly affected; (iv) methods to communicate key project milestones and the proposed hours of construction activities including outside of normal working hours and on weekends and public holidays, to the parties identified in (b)(i) above; and (v) linkages and cross-references to communication and engagement methods set out in other conditions and management plans where relevant. <p>(c) Any SCEMP prepared for a Stage of Work shall be submitted to the Manager for information a minimum of 10 working days prior to the Start of Construction for a Stage of Work.</p>
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<p>15.</p>	<p>Cultural Advisory Report</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"> (i) identifies the cultural sites, landscapes and values that have the potential to be affected by the construction and operation of the project; (ii) sets out the desired outcomes for management of potential effects on cultural sites, landscapes and values; (iii) identifies traditional cultural practices within the area that may be impacted by the project; (iv) identifies opportunities for restoration and enhancement of identified cultural sites, landscapes and values within the project area; (v) taking into account the outcomes of (i) to (iv) above, identify cultural matters and principles that should be considered in the development of the ULDMP referred to in Condition 19, HHMP referred to in Condition 30 and the CMP referred to in Condition 24; and (vi) identifies and (if possible) nominates traditional names along the project alignment. Noting there may be formal statutory processes outside the project required in any decision-making. <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; and</p> <p>(d) Conditions 15(a) and (b) above will cease to apply if:</p> <ul style="list-style-type: none"> (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 (ii) Mana Whenua have not provided a Cultural Advisory Report within six months prior to start of Construction Works.
<p>16.</p>	<p>Network Integration Management Plan (NIMP)</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 NIMP. The objective of the NIMP is to identify how the project will integrate with the planned transport network in the Takaanini growth area to achieve an effective, efficient and safe land transport system.</p> <p>(b) To achieve this objective, the NIMP shall include details of the:</p> <ul style="list-style-type: none"> (i) project implementation approach and any staging of the project, including both design, management and operational matters; and (ii) sequencing of the project with the planned transport network, including both design, management and operational matters.

17.

Mana Whenua Kaitiaki Forum

- (a) At least 12 months prior to the start of detailed design for a Stage of Work, the Requiring Authority shall invite Mana Whenua to establish a Mana Whenua Kaitiaki Forum. The objective of the Mana Whenua Kaitiaki Forum is to provide a forum for Mana Whenua to participate as partners in all phases of the project.
- (b) To achieve the objective, the Mana Whenua Kaitiaki Forum shall address (as a minimum) the following matters:
 - (i) how Mana Whenua will provide input into the design of the project. For example:
 - A how Mana Whenua values and narrative are incorporated through the form of the project and associated structures;
 - B how pou, art, sculptures, mahi toi or any other features located on land within or adjoining the project will be provided in a manner that represents the Māori history of the area and promotes a distinctiveness or sense of place;
 - (ii) how Mana Whenua will be engaged in the preparation of management plans and future consenting processes;
 - (iii) how mātauranga Māori and tikanga Māori will be recognised in all phases of the project;
 - (iv) where opportunities for Mana Whenua to participate in engagement with local communities, business associations, social institutions and community groups will be provided;
 - (v) where opportunities for Mana Whenua to support the physical, mental, social and economic wellbeing for iwi and the local community will be provided through the project. This could include:
 - A planting supplied through Mana Whenua and community based nurseries;
 - B local schools being involved in planting; and
 - C scholarships, cadetships and job creation.
 - (vi) the Requiring Authority shall provide reasonable resourcing, technical and administrative support for Mana Whenua including organising meetings at a local venue and the taking and dissemination of meeting minutes;
 - (vii) the frequency of meetings shall be agreed between the Requiring Authority and Mana Whenua; and
 - (viii) prior to the Start of Construction, the Requiring Authority shall produce a record of the Mana Whenua Kaitiaki Forum. The record of the Mana Whenua Kaitiaki Forum shall be provided to Mana Whenua and shall include (but not be limited to):
 - A details of how Mana Whenua have participated as partners in the project;
 - B details of how the matters set out in (b) will be incorporated into the project;
 - C how the objective of the Mana Whenua Kaitiaki Forum has been and will continue to be met; and
 - D details of how comments from Mana Whenua have been incorporated into the project and where not incorporated, the reasons why.
- (c) Mana Whenua shall be invited to identify and (if possible) nominate traditional names across the project such as for bridge structures. Noting there may be formal statutory processes outside the project required in any decision making.
- (d) The Mana Whenua Kaitiaki Forum shall continue to meet for at least six months following Completion of Construction or as agreed with Mana Whenua.

18.	<p>Open Space Management Plan (OSMP)</p> <ul style="list-style-type: none"> (a) An OSMP shall be prepared prior to the Start of Construction for a Stage of Work for the open spaces listed in Schedule 4. (b) Auckland Council Parks shall be invited to participate in the development of the OSMP at least six months prior to the start of detailed design for a Stage of Work. (c) The objective of the OSMP is to minimise as far as practicable adverse effects of the project on the functions of the open spaces listed in Schedule 4. (d) To achieve the objective, the OSMP shall include details of: <ul style="list-style-type: none"> (i) how the ongoing operation of and access (including walking and cycling) to those open spaces during construction will be maintained in accordance with the CTMP (Condition 25); (ii) opportunities to coordinate the forward work programme for those open spaces where appropriate with Auckland Council Parks; (iii) measures to reasonably maintain the existing level of service of the affected open space; and (iv) how comments from Auckland Council Parks have been incorporated in the OSMP, and where comments have not been incorporated, the reasons why.
	<p>Urban and Landscape Design Management Plan (ULDMP)</p>
19.	<ul style="list-style-type: none"> (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: <ul style="list-style-type: none"> (i) enable integration of the project's permanent works into the surrounding landscape and urban context; and (ii) ensure that the project manages potential adverse landscape and visual effects as far as practicable and contributes to a quality urban environment. (b) Mana Whenua shall be invited to participate in the development of the ULDMP(s) to provide input into relevant cultural landscape and design matters including how desired outcomes for management of potential effects on cultural sites, landscapes and values identified and discussed in accordance with the Cultural Advisory Report (Condition 15) and/or through the Mana Whenua Kaitiaki Forum (Condition 17) may be reflected in the ULDMP. (c) Relevant Stakeholders shall be invited to participate in the development of the ULDMP at least six months prior to the start of detailed design for a Stage of Work.

20.	<p>(a) To achieve the objective set out in Condition 19, the ULDMP(s) shall provide details of how the project:</p> <ul style="list-style-type: none"> (i) is designed to integrate with the adjacent urban (or proposed urban) and landscape context, including the surrounding existing or proposed topography, urban environment (e.g. centres and density of built form), natural environment, landscape character and open space zones; (ii) provides appropriate walking and cycling connectivity to, and interfaces with, existing or proposed adjacent land uses (including public transport and walking and cycling facilities); (iii) promotes inclusive access (where appropriate); (iv) promotes a sense of personal safety by aligning with best practice guidelines, such as: <ul style="list-style-type: none"> A Crime Prevention Through Environmental Design (CPTED) principles; B Safety in Design (SID) requirements; and C Maintenance in Design (MID) requirements and anti-vandalism/anti-graffiti measures. (v) has responded to matters identified through the Land use Integration Process (Condition 3); and <p>(b) The ULDMP shall be prepared in general accordance with:</p> <ul style="list-style-type: none"> (i) Auckland Transport's Urban Roads and Streets Design Guide or any subsequent updated version; (ii) New Zealand Transport Agency Urban Design Guidelines: Bridging the Gap (2013) or any subsequent updated version; (iii) New Zealand Transport Agency Landscape Guidelines (2013) or any subsequent updated version; (iv) New Zealand Transport Agency P39 Standard Specification for Highway Landscape Treatments (2013) or any subsequent updated version; and (v) Auckland's Urban Ngahere (Forest) Strategy or any subsequent updated version.
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21.

The ULDMP(s) shall include:

- (a) A concept plan – which depicts the overall landscape and urban design concept, and explain the rationale for the landscape and urban design proposals;
- (b) Developed design concepts, including principles for walking and cycling facilities and public transport;
- (c) Landscape and urban design details – that cover the following:
 - (i) road design – elements such as intersection form, carriageway gradient and associated earthworks contouring including cut and fill batters and the interface with adjacent land uses and existing roads (including slip lanes), benching, spoil disposal sites, median width and treatment, roadside width and treatment;
 - (ii) roadside elements – such as lighting, fencing, wayfinding and signage;
 - (iii) architectural and landscape treatment of all major structures, including bridges and retaining walls;
 - (iv) architectural and landscape treatment of noise barriers;
 - (v) landscape treatment and planting of permanent stormwater control wetlands and swales;
 - (vi) integration of passenger transport;
 - (vii) pedestrian and cycle facilities including paths, road crossings and dedicated pedestrian/ cycle bridges or underpasses;
 - (viii) historic heritage places with reference to the HHMP (Condition 30); and
 - (ix) re-instatement of construction and site compound areas; and
 - (x) features disturbed during construction and intended to be reinstated such as:
 - A boundary features;
 - B driveways;
 - C accessways; and
 - D fences.
- (d) The ULDMP shall also include the following planting and maintenance details:
 - (i) planting design details including:
 - A identification of existing trees and vegetation that will be retained with reference to the TMP and LMP. Where practicable, mature trees and native vegetation should be retained;
 - B street trees, shrubs and ground cover suitable for the location;
 - C treatment of fill slopes to integrate with adjacent land use, streams, riparian margins and open space zones;
 - D identification of any planting requirements under the LMP (Condition 32) and TMP (Condition 33);
 - E integration of any planting required by conditions of any resource consents for the project; and
 - F re-instatement planting of construction and site compound areas as appropriate.
 - (ii) a planting programme including the staging of planting in relation to the construction programme which shall, as far as practicable, include provision for planting within each planting season following completion of each Stage of Work; and
 - (iii) detailed specifications relating to the following:
 - A weed control and clearance;

	<p>B pest animal management (to support plant establishment);</p> <p>C ground preparation (top soiling and decompaction);</p> <p>D mulching; and</p> <p>E plant sourcing and planting, including hydroseeding and grassing, and use of eco-sourced species.</p>
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Construction conditions	
22.	<p>Construction Environmental Management Plan (CEMP)</p> <p>(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>(b) To achieve the objective, the CEMP shall include:</p> <ul style="list-style-type: none"> (i) the roles and responsibilities of staff and contractors; (ii) details of the site or project manager and the Project Liaison Person, including their contact details (phone and email address); (iii) the Construction Works programmes and the staging approach, and the proposed hours of work; (iv) details of the proposed construction yards including temporary screening when adjacent to residential areas; (v) details of the proposed construction lighting; (vi) methods for controlling dust and the removal of debris and demolition of construction materials from public roads or places; (vii) methods for providing for the health and safety of the general public; (viii) measures to mitigate flood hazard effects such as siting stockpiles out of floodplains, minimising obstruction to flood flows, actions to respond to warnings of heavy rain; (ix) procedures for incident management; (x) location and procedures for the refuelling and maintenance of plant and equipment to avoid discharges of fuels or lubricants to watercourses; (xi) measures to address the storage of fuels, lubricants, hazardous and/or dangerous materials, along with contingency procedures to address emergency spill response(s) and clean up; (xii) procedures for responding to complaints about Construction Works; and (xiii) methods for amending and updating the CEMP as required.
23.	<p>Complaints Process</p> <p>(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"> (i) the date, time and nature of the complaint; (ii) the name, phone number and address of the complainant (unless the complainant wishes to remain anonymous); (iii) measures taken to respond to the complaint (including a record of the response provided to the complainant) or confirmation of no action if deemed appropriate; (iv) the outcome of the investigation into the complaint; and (v) any other activities in the area, unrelated to the project that may have contributed to the complaint, such as non-project construction, fires, traffic accidents or unusually dusty conditions generally. <p>(b) A copy of the complaints record required by this condition shall be made available to the Manager upon request as soon as practicable after the request is made.</p>

24.	<p>Cultural Monitoring Plan (CMP)</p> <p>(a) Prior to the Start of Construction, a CMP shall be prepared by a Suitably Qualified Person(s) identified in collaboration with Mana Whenua. The objective of the CMP is to identify methods for undertaking cultural monitoring to assist with management of any cultural effects during Construction Works.</p> <p>(b) To achieve the objective, the CMP shall include:</p> <ul style="list-style-type: none"> (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; (ii) requirements and protocols for cultural inductions for contractors and subcontractors; (iii) identification of activities, sites and areas where cultural monitoring is required during particular Construction Works; (iv) identification of personnel to undertake cultural monitoring, including any geographic definition of their responsibilities; and (v) details of personnel to assist with management of any cultural effects identified during cultural monitoring, including implementation of the Accidental Discovery Protocol. <p>(c) If Enabling Works involving soil disturbance are undertaken prior to the Start of Construction, an Enabling Works CMP shall be prepared by a Suitably Qualified Person identified in collaboration with Mana Whenua. This plan may be prepared as a standalone Enabling Works CMP or be included in the main Construction Works CMP.</p> <p>Advice Note: <i>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.</i></p>
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25.	<p>Construction Traffic Management Plan (CTMP)</p> <p>(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>(b) To achieve this objective, the CTMP shall include:</p> <ul style="list-style-type: none"> (i) methods to manage the effects of temporary traffic management activities on traffic; (ii) measures to ensure the safety of all transport users; (iii) the estimated numbers, frequencies, routes and timing of traffic movements, including any specific non-working or non-movement hours to manage vehicular and pedestrian traffic near Educational Facilities or to manage traffic congestion; (iv) site access routes and access points for heavy vehicles, the size and location of parking areas for plant, construction vehicles and the vehicles of workers and visitors; (v) identification of detour routes and other methods to ensure the safe management and maintenance of traffic flows, including public transport, pedestrians and cyclists; (vi) methods to maintain access to and within property and/or private roads where practicable, or to provide alternative arrangements when it will not be, including details of how access is managed for loading and unloading of goods. Engagement with landowners and occupiers whose access is directly affected shall be undertaken in accordance with Condition 14(b)(iii); (vii) the management approach to loads on heavy vehicles, including covering loads of fine material, the use of wheel-wash facilities at site exit points and the timely removal of any material deposited or spilled on public roads; (viii) methods that will be undertaken to communicate traffic management measures to affected road users (e.g. residents/ public/ Stakeholders/ emergency services); (ix) details of minimum network performance parameters during the construction phase, including any measures to monitor compliance with the performance parameters; and (x) details of any measures proposed to be implemented in the event of thresholds identified in (ix) being exceeded. <p>(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 2013) or any subsequent version.</p>
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26.

Construction Noise Standards

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

Table 26-1 Construction Noise Standards

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

(b) Where compliance with the noise standards set out in Table 26-1 is not practicable, the methodology in Condition 29 shall apply.

27.

Construction Vibration Standards

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

Table 27-1 Construction Vibration Standards

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

(b) Where compliance with the vibration standards set out in Table 27-1 is not practicable, the methodology in Condition 29 shall apply.

28.

Construction Noise and Vibration Management Plan (CNVMP)

- (a) A CNVMP shall be prepared by a Suitably Qualified and Experienced Person prior to the Start of Construction for a 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 26 and 27 to the extent practicable.
- (b) To achieve the objective, the CNVMP shall be prepared in accordance with Annex E2 of the New Zealand Standard NZS6803:1999 '*Acoustics – Construction Noise*' (NZS6803:1999) and shall as a minimum, address the following:
 - (i) description of the works and anticipated equipment/processes;
 - (ii) hours of operation, including times and days when construction activities would occur;
 - (iii) the construction noise and vibration standards for the project;
 - (iv) identification of receivers where noise and vibration standards apply;
 - (v) a hierarchy of management and mitigation options, including any requirements to limit night works and works during other sensitive times, including Sundays and public holidays as far as practicable;
 - (vi) methods and frequency for monitoring and reporting on construction noise and vibration;
 - (vii) procedures for communication and engagement with nearby residents and Stakeholders, including notification of proposed construction activities, the period of construction activities, and management of noise and vibration complaints;
 - (viii) contact details of the Project Liaison Person;
 - (ix) procedures for the regular training of the operators of construction equipment to minimise noise and vibration as well as expected construction site behaviours for all workers;
 - (x) procedures and requirements for the preparation of a Schedule to the CNVMP (Schedule) for those areas where compliance with the noise Condition 26 and/or vibration standards Condition 27 Category B will not be practicable;
 - (xi) identification of trigger levels for undertaking building condition surveys, which shall be Category B day time levels;
 - (xii) procedures and trigger levels for undertaking building condition surveys before and after works to determine whether any cosmetic or structural damage has occurred as a result of construction vibration;
 - (xiii) methodology and programme of desktop and field audits and inspections to be undertaken to ensure that CNVMP, Schedules and the Best Practicable Option for management of effects are being implemented; and
 - (xiv) requirements for review and update of the CNVMP.

29.

Schedule to a CNVMP

- (a) A Schedule to the CNVMP (Schedule) shall be prepared prior to the Start of Construction of an activity to which it relates by a Suitably Qualified Person, in consultation with the owners and occupiers of sites subject to the Schedule, when:
 - (i) construction noise is either predicted or measured to exceed the noise standards in Condition 26 except where the exceedance of the L_{Aeq} criteria is no greater than 5 decibels and does not exceed:
 - A 0630 – 2000: 2 periods of up to 2 consecutive weeks in any 2 months, or
 - B 2000 - 0630: 1 period of up to 2 consecutive nights in any 10 days.
 - (ii) construction vibration is either predicted or measured to exceed the Category B standard at the receivers in Condition 27.
- (b) The objective of the Schedule is to set out the Best Practicable Option measures to manage noise and/or vibration effects of the construction activity beyond those measures set out in the CNVMP.
- (c) To achieve the objective, the Schedule shall include details such as:
 - (i) construction activity location, start and finish dates;
 - (ii) the nearest neighbours to the construction activity;
 - (iii) the predicted noise and/or vibration level for all receivers where the levels are predicted or measured to exceed the applicable standards and predicted duration of the exceedance;
 - (iv) for works proposed between 2000h and 0630h, the reasons why the proposed works must be undertaken during these hours and why they cannot be practicably undertaken during the daytime;
 - (v) the proposed mitigation options that have been selected, and the options that have been discounted as being impracticable and the reasons why;
 - (vi) the consultation undertaken with owners and occupiers of sites subject to the Schedule, and how consultation has and has not been taken into account; and
 - (vii) location, times and types of monitoring.
- (d) The Schedule shall be submitted to the Manager for Certification at least five working days (except in unforeseen circumstances) in advance of Construction Works that are covered by the scope of the Schedule and shall form part of the CNVMP.
- (e) The CNVMP Schedule shall be deemed certified five working days from the submission of the CNVMP Schedule where no written confirmation of Certification has been received.
- (f) Where material changes are made to a Schedule required by this condition, the Requiring Authority shall consult the owners and/or occupiers of sites subject to the Schedule prior to submitting the amended Schedule to the Manager for Certification in accordance with (d) above. The amended Schedule shall document the consultation undertaken with those owners and occupiers, and how consultation outcomes have and have not been taken into account.

30.

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 the Mana Whenua Kaitiaki Forum (Condition 17) and CAR (Condition 15) where archaeological sites also involve ngā taonga tuku iho (treasures handed down by our ancestors) and where feasible and practicable to do so;
 - (ix) methods for avoiding, remedying or mitigation 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 accidental and/or unexpected discoveries, the AUP Accidental Discovery Rule (E11.6.1). The training shall be undertaken prior to the Start of Construction, under the guidance of a Suitably Qualified Person and Mana Whenua representatives (to the extent the training relates to cultural values identified under Condition 15 and Condition 17).

Accidental Discoveries

	<p>Advice Note:</p> <p><i>The requirements for accidental discoveries of heritage items are set out in Rule E11.6.1 of the AUP</i></p>
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31.	<p>Pre-Construction Lizard Survey</p> <p>(a) At the start of detailed design for a Stage of Work, an updated survey of native lizards and their habitat in the locations shown in Schedule 5 shall be undertaken by a Suitably Qualified Person. The purpose of the survey is to inform lizard management by:</p> <ul style="list-style-type: none"> (i) confirming whether the native lizards of value within the locations shown in Schedule 5 are still present; and (ii) confirming whether the project will or may have a moderate or greater level of ecological effect on native lizards of value in those locations, prior to implementation of impact management measures, as determined in accordance with the EIANZ guidelines. <p>(b) If the survey confirms the presence of native lizards of value in accordance with Condition 31(a)(i) and that effects are likely in accordance with Condition 31(a)(ii) then a Lizard Management Plan (or Plans) shall be prepared in accordance with Condition 32 for these areas (Confirmed Lizard Management Plan Areas).</p>
32.	<p>Lizard Management Plan (LMP)</p> <p>(a) A LMP shall be prepared for any Confirmed Lizard Management Plan Areas (in accordance with Condition 31) prior to the Start of Construction for a Stage of Work. The objective of the LMP is to minimise effects of the project on native lizards of value in Confirmed Lizard Management Plan Areas as far as practicable.</p> <p>(b) To achieve the objective, the LMP shall set out the methods which may include:</p> <ul style="list-style-type: none"> (i) a description of the methodology and timing for survey, trapping and relocation of native lizards rescued; (ii) a description of the relocation site(s), including: <ul style="list-style-type: none"> A any measures to ensure the relocation site is suitable protected and remains viable (e.g. covenants, consent notices etc.); B any measures to ensure the relocation site is suitably managed to ensure appropriate habitat for native lizards (e.g. provision of additional refugia, weed and pest management); and (iii) any proposed monitoring of relocation sites if necessary to evaluate translocation success. <p>(c) The LMP shall be consistent with any native lizard management measures to be undertaken in compliance with conditions of any regional resource consents granted for the project.</p> <p>Advice Note:</p> <p><i>Depending on the potential effects of the project, the regional consents for the project may include the following monitoring and management plans:</i></p> <ul style="list-style-type: none"> <i>(i) stream and/or wetland restoration plans;</i> <i>(ii) vegetation restoration plans; and</i> <i>(iii) fauna management plans (eg avifauna, bats).</i>

33.	<p>Tree Management Plan (TMP)</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 in Schedule 6.</p> <p>(b) To achieve the objective, the TMP shall:</p> <ul style="list-style-type: none"> (i) confirm that the trees listed in Schedule 6 still exist; and (ii) demonstrate how the design and location of project works has avoided, remedied or mitigated any effects on any tree listed in Schedule 6. This may include: <ul style="list-style-type: none"> A planting to replace trees that require removal (with reference to the ULDMP planting design details in Condition 21); B tree protection zones and tree protection measures such as protective fencing, ground protection and physical protection of roots, trunks and branches; and C methods for work within the rootzone of trees that are to be retained in line with accepted arboricultural standards.
34.	<p>Network Utilities Management Plan (NUMP)</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"> (i) provide access for maintenance at all reasonable times, or emergency works at all times during construction activities; (ii) protect and where necessary, relocate existing network utilities; (iii) manage the effects of dust and any other material potentially resulting from construction activities and able to cause material damage, beyond normal wear and tear to overhead transmission lines in the project area; (iv) demonstrate compliance with relevant standards and Codes of Practice including, where relevant, the NZECP 34:2001 New Zealand Electrical Code of Practice for Electrical Safe Distances 2001; AS/NZS 4853:2012 Electrical hazards on Metallic Pipelines; and AS/NZS 2885 Pipelines – Gas and Liquid Petroleum. <p>(c) The NUMP shall be prepared in consultation with the relevant Network Utility Operators(s) who have assets that are directly affected by the project.</p> <p>(d) The development of the NUMP shall consider opportunities to coordinate future work programmes with other Network Utility Operator(s) during detailed design where practicable.</p> <p>(e) The NUMP shall describe how any comments from the Network Utility Operator in relation to its assets have been addressed.</p> <p>(f) Any comments received from the Network Utility Operator shall be considered when finalising the NUMP.</p> <p>(g) Any amendments to the NUMP related to the assets of a Network Utility Operator shall be prepared in consultation with that asset owner.</p>
Operational conditions	

35.	<p>Low Noise Road Surface</p> <p>Asphaltic concrete surfacing (or equivalent low noise road surface) shall be implemented within 12 months of Completion of Construction of the project.</p>
36.	<p>Future Resurfacing Work</p> <p>(a) Any future resurfacing works of the project shall be undertaken in accordance with the Auckland Transport Reseal Guidelines, Asset Management and Systems 2013 or any updated version and asphaltic concrete surfacing (or equivalent low noise road surface) shall be implemented where:</p> <ul style="list-style-type: none"> (i) the volume of traffic exceeds 10,000 vehicles per day; or (ii) the road is subject to high wear and tear (such as cul de sac heads, roundabouts and main road intersections); or (iii) it is in an industrial or commercial area where there is a high concentration of truck traffic; or (iv) it is subject to high usage by pedestrians, such as town centres, hospitals, shopping centres and schools. <p>(b) Prior to commencing any future resurfacing works, the Requiring Authority shall advise the Manager if any of the triggers in Condition 36(a)(i) – (iv) are not met by the road or a section of it and therefore where the application of asphaltic concrete surfacing (or equivalent low noise road surface) is no longer required on the road or a section of it. Such advice shall also indicate when any resealing is to occur.</p>

Attachments

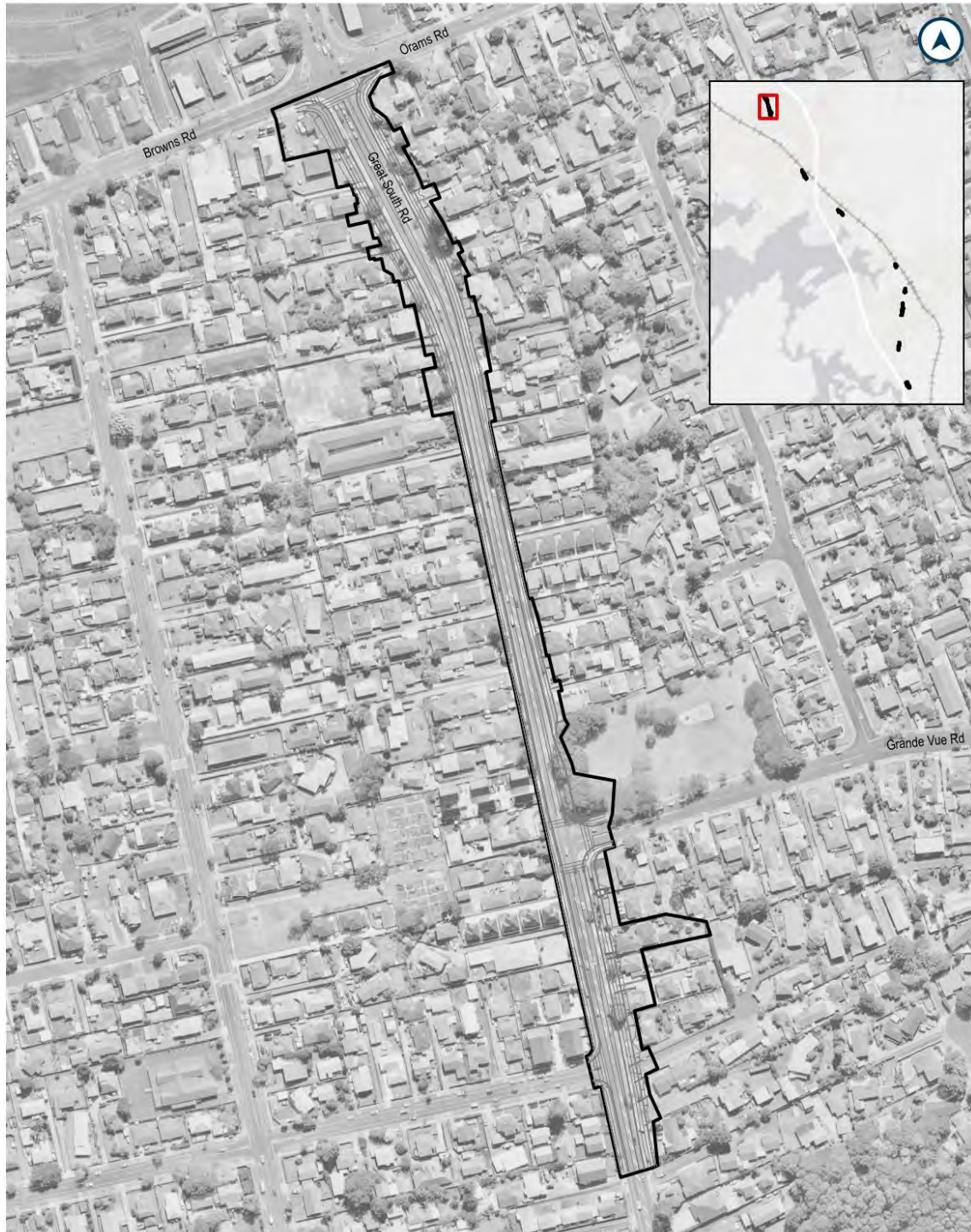
Schedule 1: General accordance plans and information

Project Description


The proposed work is for the construction, operation, maintenance of upgrades to Great South Road between Manukau and Drury. The proposed work is shown in the following Concept Plans and includes:

- a) Upgrades to Great South Road to accommodate bus priority measures, general traffic lanes, and walking and cycling facilities in eight locations;
- b) Associated works including intersections, bridges, embankments, retaining walls, culverts, and stormwater management systems;
- c) Reconfiguration of local roads, where the proposed work intersects with local roads; and
- d) Construction activities including vegetation removal, establishment of construction areas and the regrading of driveways.

Concept Plans



LEGEND

 Designation Boundary

0 40 80
Metres



LEGEND

 Designation Boundary

0 20 40
Metres



LEGEND

 Designation Boundary

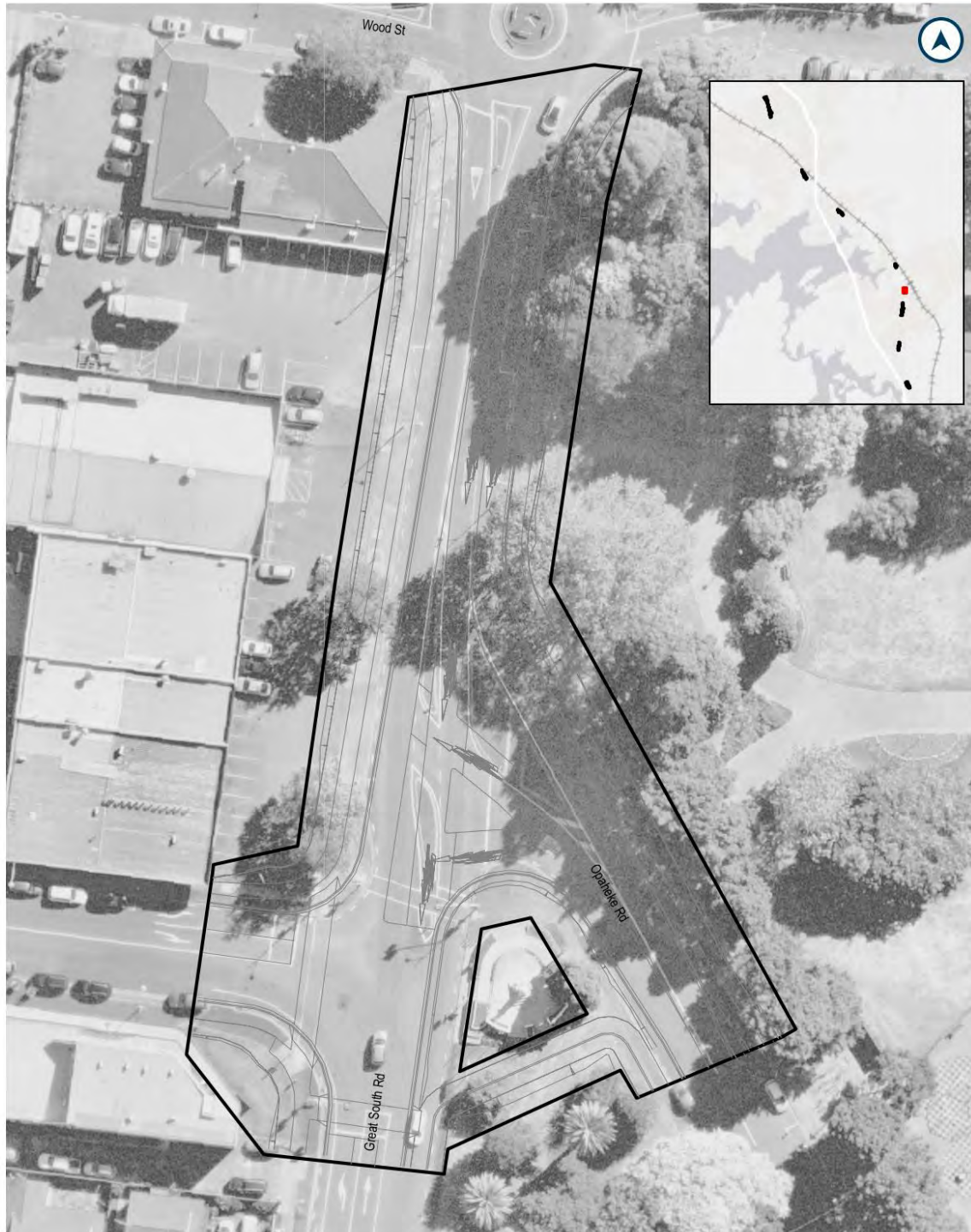
0 10 20
Metres



LEGEND

 Designation Boundary

0 8.5 17
Metres



LEGEND

 Designation Boundary

0 9 18
Metres



LEGEND

 Designation Boundary

0 25 50
Metres



LEGEND

 Designation Boundary

0 10 20
Metres



LEGEND

 Designation Boundary

0 10 20
Metres

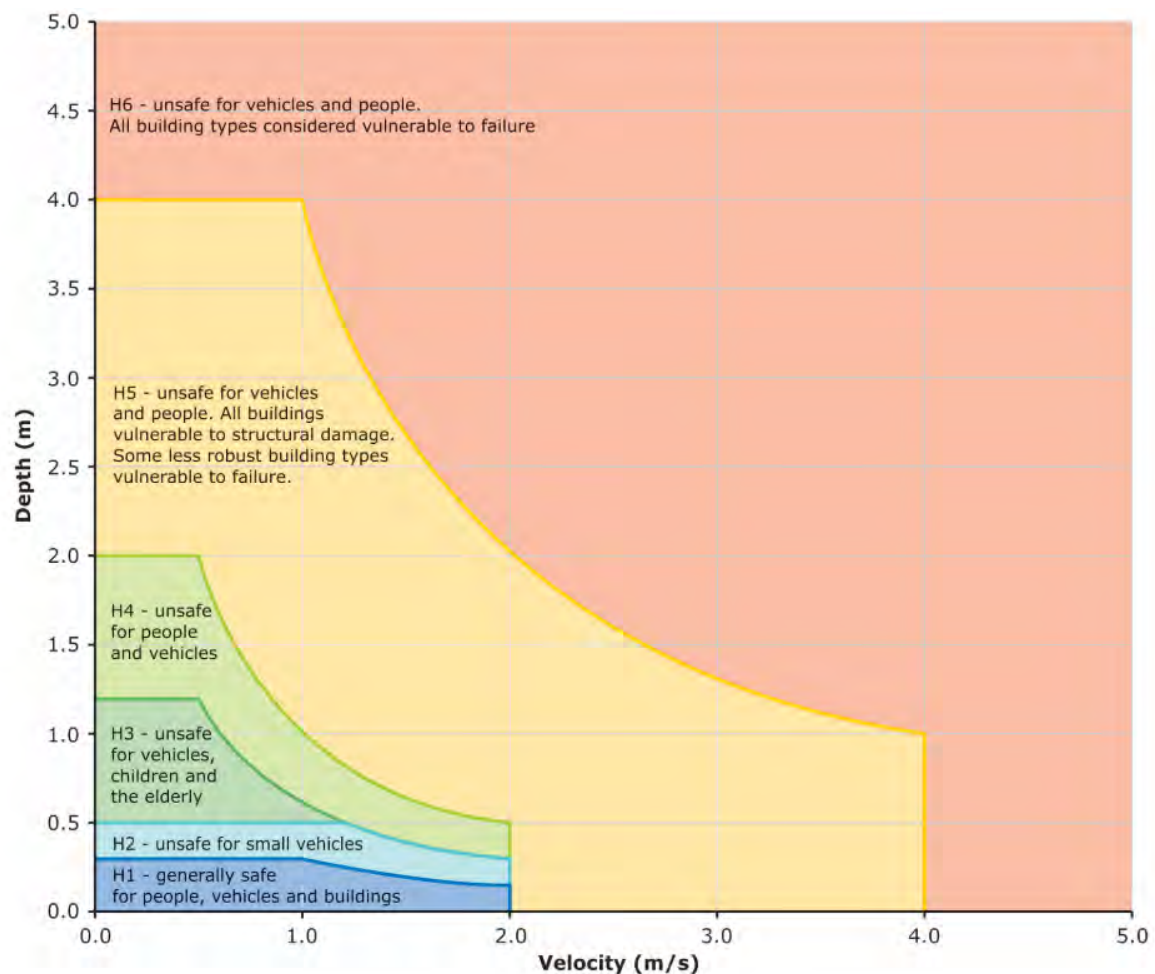
Schedule 2: Early Childcare Centres

Street Address	Legal Description	Operating Name
336 Great South Road	Lot 12 DP 28657	ChoiceKids Childcare Alfriston Road

Schedule 3: Flood Hazard Class

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

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



Source: Australian Rainfall and Runoff, Book 6, 2019

Schedule 4: Open spaces to be included in the Open Space Management Plan

Open Space Name	Address	Legal description
Anderson Park	58R Great South Road Manurewa Auckland 2102	Lot 8 DP 12984
Central Park Cenotaph	278 Great South Road, Auckland 2110	ALLOT 115 SEC 11 Village PAPAKURA
Chisholm Corner	312 Great South Road, Ōpaheke, Auckland 2113	Lot 3 DP 148082

Schedule 5: Identified Native Lizard Habitat Areas

Pre-construction native lizard survey area

Tree No.	Vegetation Type	Tree Species
107	Group of Trees	Ake Ake, Karo
108	Group of Trees	Putaputāwētā, Karamu, Tī Kōuka, Kahikatea, Kānuka, Mānuka, Karo, Kowhai
113	Group of Trees	Tī Kōuka, Mānuka



LEGEND

□ Designation Boundary • Tree/Group of Trees

0 10 20
Metres

Schedule 6: Trees to be included in the Tree Management Plan

Tree No.	Vegetation Type	Protection	Species
1	Single Tree	Road Reserve	Queen Palm
2	Single Tree	Road Reserve	Queen Palm
3	Single Tree	Road Reserve	Totara
4	Single Tree	Road Reserve	Queen Palm
5	Single Tree	Road Reserve	Queen Palm
6	Group of Trees	Open Space	Karaka, Rimu, Pōhutukawa, Tōtara, Monkey apple
7	Single Tree	Road Reserve	Queen Palm
8	Single Tree	Road Reserve	Queen Palm
9	Group of Trees	Road Reserve	Melia, Tarata
10	Single Tree	Road Reserve	Queen Palm
11	Single Tree	Road Reserve	Queen Palm
12	Single Tree	Road Reserve	Queen Palm
13	Single Tree	Road Reserve	Pōhutukawa
14	Single Tree	Road Reserve	Queen Palm
15	Single Tree	Road Reserve	Queen Palm
16	Group of Trees	Road Reserve	Queen Palm
17	Single Tree	Notable Tree	Norfolk Island pine
54	Group of Trees	Road Reserve	Queen Palm
55	Group of Trees	Road Reserve	Italian Alder
56	Single Tree	Road Reserve	Alder
57	Single Tree	Road Reserve	Tulip Tree
58	Single Tree	Open Space	Tulip Tree
59	Group of Trees	Road Reserve	Italian Alder
60	Group of Trees	Road Reserve	Italian Alder
68	Group of Trees	Open Spaces	Ti Kōuka, Blue Arizona Cypress, Rhododendron

69	Group of Trees	Open Spaces	Kauri, Tītoki, Karaka, Kahikatea, Rimu, European Beech, Kapuku, Tōtara
70	Group of Trees	Notable Tree	Ti Kōuka, English Oak
71	Group of Trees	Open Space	Kauri, Tītoki, Rimu, Tōtara
72	Group of Trees	Open Space	Tōtara
73	Single Tree	Open Space	Weeping Elm
74	Group of Trees	Open Space	European Beech, Phoenix Palm
75	Group of Trees	Road Reserve	Tulip Tree
76	Single Tree	Road Reserve	Tulip Tree
77	Single Tree	Road Reserve	European Lime
78	Single Tree	Open Space	Italian Cypress
79	Group of Trees	Open Space and Notable Tree	Red Flowering Gum
80	Group of Trees	Notable Tree	Tōtara
81	Single Tree	Notable Tree	Gum
82	Group of Trees	Open Space	Kauri, Karamu, Tarata, Tōtara, Houpara
83	Single Tree	Notable Tree	Phoenix Palm
85	Group of Trees	Road Reserve	Kauri, Cherry, Pūriri
86	Single Tree	Notable Tree	Miro
87	Single Tree	Notable Tree	Rimu
88	Single Tree	Open Space	Pūriri
89	Single Tree	Open Space	Pōhutukawa
90	Single Tree	Open Space	Pōhutukawa
91	Single Tree	Open Space	Kauri
92	Group of Trees	Open Space	Karaka, Kahikatea, Kohekohe, Pōhutukawa
93	Group of Trees	Open Space	Kauri, Tītoki, Karaka, Kahikatea, Pōhutukawa, Mapou, Tōtara

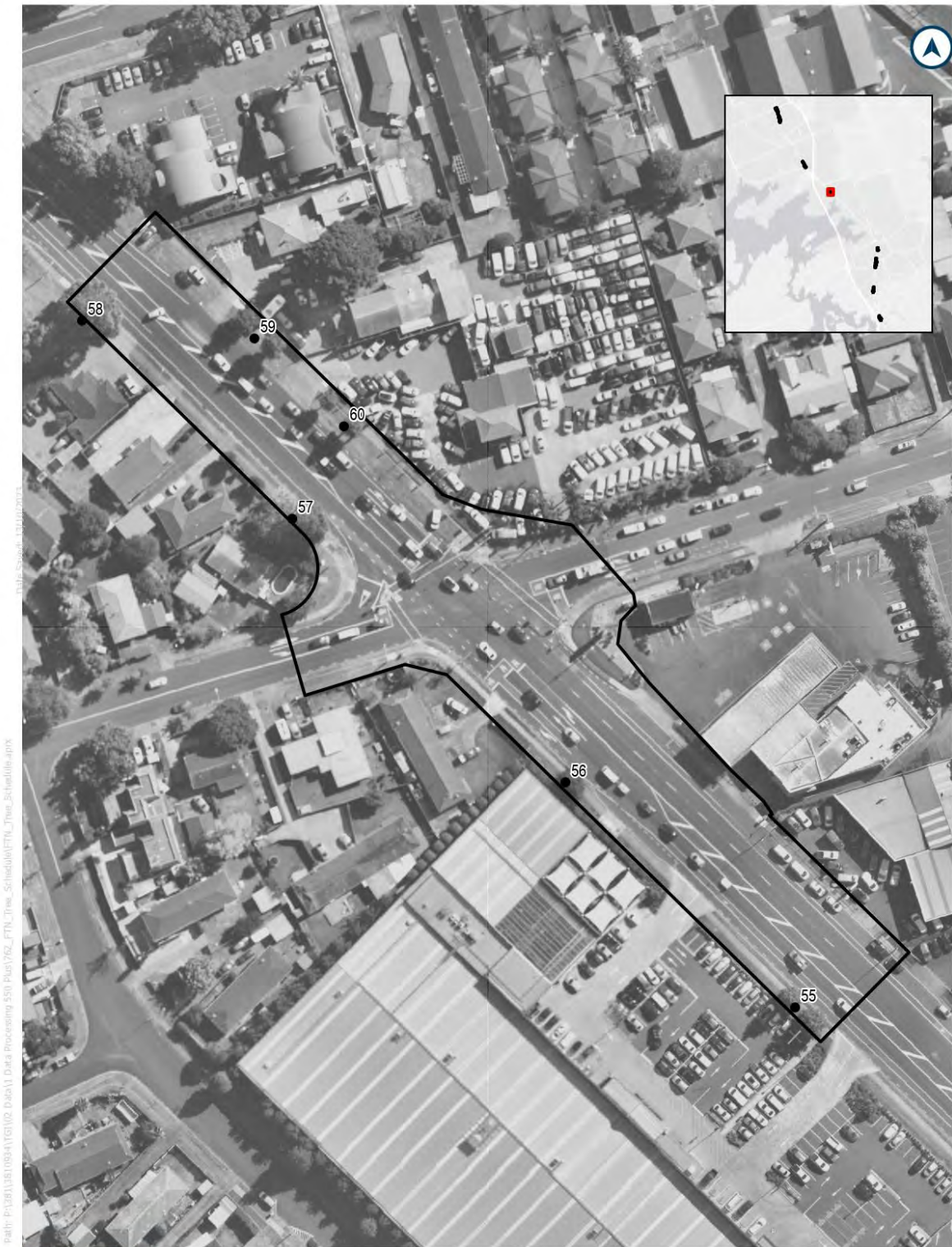
94	Group of Trees	Open Space	Macadamia, Pōhutukawa, Avocado
95	Group of Trees	Notable Tree	Tōtara
96	Group of Trees	Road Reserve	Tarata, Kōhūhū, Tōtara
97	Group of Trees	Road Reserve	Red Robin, Horoeke, Pūriri
99	Single Tree	Road Reserve	Pōhutukawa
100	Group of Trees	Road Reserve	Wonder Tree
101	Group of Trees	Road Reserve	Ti Kōuka, Kōhūhū, Yucca
102	Single Tree	Road Reserve	Bottlebrush
103	Single Tree	Road Reserve	Rimu
104	Single Tree	Road Reserve	Camphor Laurel
106	Group of Trees	Road Reserve	Copper Sheen
107	Group of Trees	Road Reserve	Ake Ake, Karo
108	Group of Trees	Road Reserve	Putaputāwētā, Karamu, Ti Kōuka, Kahikatea, Kānuka, Mānuka, Karo, Kowhai
109	Single Tree	Road Reserve	American Sweet Gum
110	Single Tree	Road Reserve	American Sweet Gum
111	Single Tree	Road Reserve	American Sweet Gum
112	Group of Trees	Road Reserve	Mānuka, Karo
113	Group of Trees	Road Reserve	Ti Kōuka, Mānuka



LEGEND

□ Designation Boundary • Tree/Group of Trees

0 10 20
Metres



LEGEND

□ Designation Boundary • Tree/Group of Trees

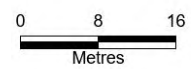
0 10 20
Metres



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LEGEND

□ Designation Boundary • Tree/Group of Trees





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LEGEND

□ Designation Boundary • Tree/Group of Trees





LEGEND

□ Designation Boundary • Tree/Group of Trees

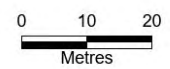
0 10 20
Metres



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LEGEND

□ Designation Boundary • Tree/Group of Trees



Appendix C – Auckland Transport’s Modifications to NoR 2 conditions



[#### – Council to allocate] Great South Road Upgrade (Drury Section)

Designation Number	[XXXX]
Requiring Authority	Auckland Transport
Location	Great South Road in Drury between Waihoehoe Road and the State Highway 1 Drury Interchange
Lapse Date	In accordance with section 184(1)(c) of the RMA, this designation shall lapse if not given effect to within 10 years from the date on which it is included in the AUP.

Purpose

To construct, operate and maintain upgrades to an arterial transport corridor and associated infrastructure

Conditions

Abbreviations and definitions

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

Construction Works	Activities undertaken to construct the project excluding Enabling Works.
Council	Auckland Council
CTMP	Construction Traffic Management Plan
Developer	Any legal entity that intends to master plan or develop land adjacent to the designation.
Development Agency	Public entities involved in development projects.
Educational Facility	Facility used for education to secondary level. Includes: (a) schools and outdoor education facilities; and (b) accommodation, administrative, cultural, religious, health, retail and communal facilities accessory to the above. Excludes: (a) care centres; and (b) tertiary education facilities.
EIANZ Guidelines	Ecological Impact Assessment: EIANZ guidelines for use in New Zealand: terrestrial and freshwater ecosystems, second edition, dated May 2018.
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 Native Lizard Habitat 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 on native lizards, prior to implementation of impact management measures, as determined in accordance with the EIANZ guidelines.
LMP	Lizard Management Plan
Manager	The Manager – Resource Consents of the Auckland Council, or authorised delegate.
Mana Whenua	Mana Whenua as referred to in the conditions are considered to be, but not limited to, the following (in no particular order), who at the time of Notice of Requirement expressed a desire to be involved in the project: (a) Te Ākitai Waiohū; (b) Ngāi Tai ki Tāmaki; (c) Ngāati Te Ata Waiohū; (d) Ngāati Whanaunga; (e) Ngāti Tamaoho; (f) Ngāti Paoa Trust Board;

	(g) Te Ahiwaru Waiohūa; (h) Ngāti Tamaterā; and (i) Ngāti Maru. Note: Other iwi not identified above may have an interest in the project and should be consulted
Network Utility Operator	Has the same meaning as set out in section 166 of the RMA.
NIMP	Network Integration Management Plan
NUMP	Network Utilities Management Plan
NOR	Notice of Requirement
NZAA	New Zealand Archaeological Association
Outline Plan	An outline plan prepared in accordance with section 176A of the RMA.
Project Liaison Person	The person or persons appointed for the duration of the project's Construction Works to be the main point of contact for persons wanting information about the project or affected by the Construction Works.
Protected Premises and Facilities (PPF)	Protected Premises and Facilities as defined in New Zealand Standard NZS 6806:2010: <i>Acoustics – Road-traffic noise – New and altered roads</i> .
Requiring Authority	Has the same meaning as section 166 of the RMA and, for this designation is Auckland Transport.
RMA	Resource Management Act 1991
SCEMP	Stakeholder Communication and Engagement Management Plan
Stakeholder	Stakeholders to be identified in accordance with Condition 4, which may include as appropriate: (a) adjacent owners and occupiers; (b) adjacent business owners and operators; (c) central and local government bodies; (d) community groups; (e) developers; (f) development agencies; (g) 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

General conditions	
1.	<p>Activity in General Accordance with Plans and Information</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 following in Schedule 1:</p> <ul style="list-style-type: none"> (i) the project description; and (ii) concept plan. <p>(b) Where there is inconsistency between:</p> <ul style="list-style-type: none"> (i) the project description and concept plan in Schedule 1 and the requirements of the following conditions, the conditions shall prevail; (ii) the project description and concept plan in Schedule 1, and the management plans under the conditions of the designation, the requirements of the management plans shall prevail.
2.	<p>Project Information</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"> (i) the status of the project; (ii) anticipated construction timeframes; (iii) contact details for enquiries; (iv) the implications of the designation for landowners, occupiers and business owners and operators within the designation and where they can receive additional advice; (v) a subscription service to enable receipt of project updates by email; and (vi) when and how to apply for consent for works in the designation under section 176(1)(b) of the RMA. <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>Land Use Integration Process</p> <p>(a) The Requiring Authority shall set up a Land use Integration Process for the period between confirmation of the designation and the Start of Construction. The purpose of this process is to encourage and facilitate the integration of master planning and land use development activity on land directly affected or adjacent to the designation. To achieve this purpose:</p> <ul style="list-style-type: none"> (i) the Requiring Authority shall include the contact details of a nominated contact on the project website (or equivalent information source) required to be established by Condition (2)(b)(iii); and (ii) the nominated contact shall be the main point of contact for a Developer or Development Agency wanting to work with the Requiring Authority to integrate their development plans or master planning with the designation. <p>(b) At any time prior to the Start of Construction, the nominated contact will be available to engage with a Developer or Development Agency for the purpose of:</p> <ul style="list-style-type: none"> (i) responding to requests made to the Requiring Authority for information regarding design details that could assist with land use integration; and (ii) receiving information from a Developer or Development Agency regarding master planning or land development details that could assist with land use integration. <p>(c) Information requested or provided under Condition 3(b) above may include but not be limited to the following matters:</p> <ul style="list-style-type: none"> (i) design details including but not limited to: <ul style="list-style-type: none"> A boundary treatment (e.g. the use of retaining walls or batter slopes); B the horizontal and vertical alignment of the road (levels); C potential locations for mid-block crossings; D integration of stormwater infrastructure; E traffic noise modelling contours; and F outputs from flood modelling. (ii) potential modifications to the extent of the designation in response to the information received through Condition 3(b)(ii); (iii) a process for the Requiring Authority to undertake a technical review of or provide comments on any master planning or development proposal advanced by the Developer or Development Agency as it relates to integration with the project; and (iv) details of how to apply for written consent from the Requiring Authority for any development proposal that relates to land that is within the designation under section 176(1)(b) of the RMA. <p>(d) Where information is requested from the Requiring Authority and is available, the nominated contact shall provide the information unless there are reasonable grounds for not providing it.</p> <p>(e) The nominated contact shall maintain a record of the engagement between the Requiring Authority and Developers and Development Agencies for the period following the date in which this designation is included in the AUP through to the Start of Construction for a Stage of Work. The record shall include:</p> <ul style="list-style-type: none"> (i) details of any requests made to the Requiring Authority that could influence detailed design, the results of any engagement and, where such requests that could influence detailed design are declined, the reasons why the Requiring Authority has declined the requests; and (ii) details of any requests to co-ordinate the forward work programme, where appropriate, with Development Agencies and Network Utility Operators. <p>(f) The record shall be submitted to Council for information 10 working days prior to the Start of Construction for a Stage of Work</p>
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4.	<p>Stakeholder Communication and Engagement Design</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"> (i) a list of Stakeholders; (ii) a list of properties within the designation which the Requiring Authority does not own or have occupation rights to; and (iii) methods to engage with Stakeholders and the owners and occupiers of properties identified in (a)(i) – (ii) above. <p>(b) A record of (a) shall be submitted to the Manager for information with an Outline Plan for the relevant Stage of Work.</p> <p>(c) The purpose of this identification and engagement design process is to inform future engagement processes during detailed design and construction phases for a Stage of Work.</p>
5.	<p>Designation Review</p> <p>The Requiring Authority shall within six months of Completion of Construction or as soon as otherwise practicable:</p> <ul style="list-style-type: none"> (a) 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 (b) give notice to the Manager in accordance with section 182 of the RMA for the removal of those parts of the designation identified above.
6.	<p>Lapse</p> <p>In accordance with section 184(1)(c) of the RMA, this designation shall lapse if not given effect to within 10 years from the date on which it is included in the AUP.</p>
7.	<p>Network Utility Operators and Auckland Council (Section 176 Approval)</p> <ul style="list-style-type: none"> (a) Prior to the start of Construction Works, Network Utility Operators with existing infrastructure and Auckland Council in relation to parks located within the designation will not require written consent under section 176 of the RMA for the following activities: <ul style="list-style-type: none"> (i) operation, maintenance and repair works; (ii) minor renewal works to existing network utilities or parks necessary for the on-going provision or security of supply of network utility operations; (iii) minor works such as new service connections; and (iv) the upgrade and replacement of existing network utilities in the same location with the same or similar effects on the works authorised by the designation as the existing utility. (b) To the extent that a record of written approval is required for the activities listed above, this condition shall constitute written approval.
Pre-construction conditions	

<p>8.</p>	<p>Outline Plan</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"> (i) Network Integration Management Plan; (ii) Urban and Landscape Design Management Plan; (iii) Construction Environmental Management Plan; (iv) Construction Traffic Management Plan; (v) Construction Noise and Vibration Management Plan; (vi) Historic Heritage Management Plan; (vii) Lizard Management Plan; (viii) Tree Management Plan; and (ix) Network Utilities Management Plan.
	<p>Flood Hazard</p> <p>For the purpose of Condition 9:</p> <p>(a) AEP – means Annual Exceedance Probability;</p> <p>(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;</p> <p>(c) Flood Prone Area – means a potential ponding areas that may flood in a 1% AEP event and commonly comprise of topographical depression areas. The areas can occur naturally or as a result of constructed features. Identification of a potential Flood Prone Area would be by an assessment of residual flood risk in a 1% AEP event (e.g. from blockage of the project stormwater network) on land outside and adjacent to the designation following the application of Conditions 9(a)(i)-(iv);</p> <p>(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;</p> <p>(e) Pre-Project development – means existing site condition prior to the project (including existing buildings and roadways); and</p> <p>(f) Post-Project development – means site condition after the project has been completed (including existing and new buildings and roadways).</p>

<p>9.</p>	<p>Flood Hazard</p> <p>(a) The project shall be designed to achieve the following flood risk outcomes beyond the boundary of the designation:</p> <ul style="list-style-type: none"> (i) no increase in flood levels in a 1% AEP event for Existing Authorised Habitable Floors that are already subject to flooding or have a freeboard less than 500mm; (ii) no increase in flood levels in a 1% AEP for authorised community, commercial, industrial and network utility building floors existing at the time the Outline Plan is submitted that are already subject to flooding or have a freeboard less than 300mm; (iii) maximum of 50mm increase in flood levels in a 1% AEP event outside and adjacent to the designation between the Pre-Project Development and Post-Project Development scenarios; (iv) no increase of Flood Hazard Class for the main access to authorised habitable dwellings existing at time the Outline Plan is submitted. The assessment shall be undertaken for the 1% AEP rainfall event and reference the hazard class in accordance with Schedule 2 to these conditions; and (v) no new flood prone areas. <p>(b) Compliance with this condition shall be demonstrated in the Outline Plan, which shall include flood modelling of the Pre-Project Development and Post-Project Development 1% AEP flood levels (for Maximum Probable Development land use and including climate change).</p> <p>(c) Where:</p> <ul style="list-style-type: none"> (i) the flood risk outcomes in (a) can be achieved through alternative measures outside of the designation such as flood stop banks, flood walls, raising Existing Authorised Habitable Floor level and new overland flow paths; or (ii) the outcomes are varied at a specific location(s) through agreement with the relevant landowner, <p>confirmation shall be provided to the Manager that any necessary landowner and statutory approvals have been obtained for that alternative measure or varied outcome.</p>
<p>10.</p>	<p>Existing property access</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 agreed with the affected landowner. This condition does not apply to business-zoned land.</p>

11.	<p>Existing business property access</p> <p>(a) 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.</p> <p>(b) Where vehicle access to a property within business-zoned land will be altered by the project, the Outline Plan shall demonstrate how safe access will be provided that:</p> <ul style="list-style-type: none"> (i) maintains and promotes the safe, effective, and efficient operation of the transport network; (ii) recognises the role and function of all accesses including for loading and unloading of goods to the site; and (iii) subject to achieving (i), also provides effective and efficient access to the site where practicable. <p>(c) Where an alternative outcome has been agreed that does not comply with Condition 11(b), the Outline Plan shall provide details of the alternative outcome and how the safe, effective, and efficient operation of the transport network will be maintained.</p> <p>Advice note: Condition 11 does not affect Auckland Transport's ability to exercise its statutory Road Controlling Authority powers to modify traffic or parking controls.</p>
12.	<p>Management Plans</p> <p>(a) Any management plan shall:</p> <ul style="list-style-type: none"> (i) be prepared and implemented in accordance with the relevant management plan condition; (ii) be prepared by a Suitably Qualified Person(s); (iii) include sufficient detail relating to the management of effects associated with the relevant activities and/or Stage of Work to which it relates. (iv) be submitted as part of an Outline Plan pursuant to section 176A of the RMA, with the exception of SCEMPs and CNVMP Schedules; and (v) once finalised, uploaded to the project website or equivalent virtual information source. <p>(b) Any management plan developed in accordance with Condition 12 may:</p> <ul style="list-style-type: none"> (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; (ii) except for material changes, be amended to reflect any changes in design, construction methods or management of effects without further process; <p>(c) Information shall be submitted with the management plan (or revised plan as referred to in (d) below) which summarises outcomes of consultation and any input received from Mana Whenua and Stakeholders as required by the relevant management plan condition. The summary shall note how this input has been incorporated or reflected in the management plan, or if not, the reasons why;</p> <p>(d) If there is a material change required to a management plan which has been submitted with an Outline Plan, the revised part of the plan shall be submitted to the Manager as an update to the Outline Plan or for Certification as soon as practicable following identification of the need for a revision; and</p> <p>(e) Any material changes to the SCEMPs are to be submitted to the Manager for information.</p>

13.	<p>Stakeholder Communication and Engagement Management Plan (SCEMP)</p> <p>(a) A SCEMP shall be prepared in consultation with relevant Stakeholders prior to the Start of Construction. The objective of the SCEMP is to identify how the public and Stakeholders will be engaged with throughout the Construction Works.</p> <p>(b) To achieve the objective, the SCEMP shall include:</p> <ul style="list-style-type: none"> (i) a list of Stakeholders; (ii) the contact details for the Project Liaison Person. These details shall be on the project website, or equivalent virtual information source, and prominently displayed at the main entrance(s) to the site(s); (iii) methods and timing to engage with owners and occupiers whose access is directly affected; (iv) methods to communicate key project milestones and the proposed hours of construction activities including outside of normal working hours and on weekends and public holidays, to the parties identified in (b)(i) above; and (v) linkages and cross-references to communication and engagement methods set out in other conditions and management plans where relevant. <p>(c) Any SCEMP prepared for a Stage of Work shall be submitted to the Manager for information a minimum of 10 working days prior to the Start of Construction for a Stage of Work.</p>
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14.	<p>Cultural Advisory Report</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"> (i) identifies the cultural sites, landscapes and values that have the potential to be affected by the construction and operation of the project; (ii) sets out the desired outcomes for management of potential effects on cultural sites, landscapes and values; (iii) identifies traditional cultural practices within the area that may be impacted by the project; (iv) identifies opportunities for restoration and enhancement of identified cultural sites, landscapes and values within the project area; (v) taking into account the outcomes of (i) to (iv) above, identify cultural matters and principles that should be considered in the development of the ULDMP referred to in Condition 17, HHMP referred to in Condition 28 and the CMP referred to in Condition 22; and (vi) identifies and (if possible) nominates traditional names along the project alignment. Noting there may be formal statutory processes outside the project required in any decision-making. <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; and</p> <p>(d) Conditions 14(a) and (b) above will cease to apply if:</p> <ul style="list-style-type: none"> (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 (ii) Mana Whenua have not provided a Cultural Advisory Report within six months prior to start of Construction Works.
15.	<p>Network Integration Management Plan (NIMP)</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 NIMP. The objective of the NIMP is to identify how the project will integrate with the planned transport network in the Takaanini growth area to achieve an effective, efficient and safe land transport system.</p> <p>(b) To achieve this objective, the NIMP shall include details of the:</p> <ul style="list-style-type: none"> (i) project implementation approach and any staging of the project, including both design, management and operational matters; and (ii) sequencing of the project with the planned transport network, including both design, management and operational matters.

16.	<p>Mana Whenua Kaitiaki Forum</p> <p>(a) At least 12 months prior to the start of detailed design for a Stage of Work, the Requiring Authority shall invite Mana Whenua to establish a Mana Whenua Kaitiaki Forum. The objective of the Mana Whenua Kaitiaki Forum is to provide a forum for Mana Whenua to participate as partners in all phases of the project.</p> <p>(b) To achieve the objective, the Mana Whenua Kaitiaki Forum shall address (as a minimum) the following matters:</p> <ul style="list-style-type: none"> (i) how Mana Whenua will provide input into the design of the project. For example: <ul style="list-style-type: none"> A how Mana Whenua values and narrative are incorporated through the form of the project and associated structures; B how pou, art, sculptures, mahi toi or any other features located on land within or adjoining the project will be provided in a manner that represents the Māori history of the area and promotes a distinctiveness or sense of place; (ii) how Mana Whenua will be engaged in the preparation of management plans and future consenting processes; (iii) how mātauranga Māori and tikanga Māori will be recognised in all phases of the project; (iv) where opportunities for Mana Whenua to participate in engagement with local communities, business associations, social institutions and community groups will be provided; (v) where opportunities for Mana Whenua to support the physical, mental, social and economic wellbeing for iwi and the local community will be provided through the project. This could include: <ul style="list-style-type: none"> A planting supplied through Mana Whenua and community based nurseries; B local schools being involved in planting; and C scholarships, cadetships and job creation. (vi) the Requiring Authority shall provide reasonable resourcing, technical and administrative support for Mana Whenua including organising meetings at a local venue and the taking and dissemination of meeting minutes; (vii) the frequency of meetings shall be agreed between the Requiring Authority and Mana Whenua; and (viii) prior to the Start of Construction, the Requiring Authority shall produce a record of the Mana Whenua Kaitiaki Forum. The record of the Mana Whenua Kaitiaki Forum shall be provided to Mana Whenua and shall include (but not be limited to): <ul style="list-style-type: none"> A details of how Mana Whenua have participated as partners in the project; B details of how the matters set out in (b) will be incorporated into the project; C how the objective of the Mana Whenua Kaitiaki Forum has been and will continue to be met; and D details of how comments from Mana Whenua have been incorporated into the project and where not incorporated, the reasons why. <p>(c) Mana Whenua shall be invited to identify and (if possible) nominate traditional names across the project such as for bridge structures. Noting there may be formal statutory processes outside the project required in any decision making.</p>
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	(d) The Mana Whenua Kaitiaki Forum shall continue to meet for at least six months following Completion of Construction or as agreed with Mana Whenua.
	Urban and Landscape Design Management Plan (ULDMP)
17.	<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"> (i) enable integration of the project's permanent works into the surrounding landscape and urban context; and (ii) ensure that the project manages potential adverse landscape and visual effects as far as practicable and contributes to a quality urban environment. <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 the Cultural Advisory Report (Condition 14) and/or through the Mana Whenua Kaitiaki Forum (Condition 16) 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>
18.	<p>(a) To achieve the objective set out in Condition 17, the ULDMP(s) shall provide details of how the project:</p> <ul style="list-style-type: none"> (i) is designed to integrate with the adjacent urban (or proposed urban) and landscape context, including the surrounding existing or proposed topography, urban environment (e.g. centres and density of built form), natural environment, landscape character and open space zones; (ii) provides appropriate walking and cycling connectivity to, and interfaces with, existing or proposed adjacent land uses (including public transport and walking and cycling facilities); (iii) promotes inclusive access (where appropriate); (iv) promotes a sense of personal safety by aligning with best practice guidelines, such as: <ul style="list-style-type: none"> A Crime Prevention Through Environmental Design (CPTED) principles; B Safety in Design (SID) requirements; and C Maintenance in Design (MID) requirements and anti-vandalism/anti-graffiti measures. (v) has responded to matters identified through the Land use Integration Process (Condition 3); and <p>(b) The ULDMP shall be prepared in general accordance with:</p> <ul style="list-style-type: none"> (i) Auckland Transport's Urban Roads and Streets Design Guide or any subsequent updated version; (ii) New Zealand Transport Agency Urban Design Guidelines: Bridging the Gap (2013) or any subsequent updated version; (iii) New Zealand Transport Agency Landscape Guidelines (2013) or any subsequent updated version; (iv) New Zealand Transport Agency P39 Standard Specification for Highway Landscape Treatments (2013) or any subsequent updated version; and (v) Auckland's Urban Ngahere (Forest) Strategy or any subsequent updated version.

19.	<p>The ULDMP(s) shall include:</p> <ul style="list-style-type: none"> (a) A concept plan – which depicts the overall landscape and urban design concept, and explain the rationale for the landscape and urban design proposals; (b) Developed design concepts, including principles for walking and cycling facilities and public transport; (c) Landscape and urban design details – that cover the following: <ul style="list-style-type: none"> (i) road design – elements such as intersection form, carriageway gradient and associated earthworks contouring including cut and fill batters and the interface with adjacent land uses and existing roads (including slip lanes), benching, spoil disposal sites, median width and treatment, roadside width and treatment; (ii) roadside elements – such as lighting, fencing, wayfinding and signage; (iii) architectural and landscape treatment of all major structures, including bridges and retaining walls; (iv) architectural and landscape treatment of noise barriers; (v) landscape treatment and planting of permanent stormwater control wetlands and swales; (vi) integration of passenger transport; (vii) pedestrian and cycle facilities including paths, road crossings and dedicated pedestrian/ cycle bridges or underpasses; (viii) historic heritage places with reference to the HHMP (Condition 28); and (ix) re-instatement of construction and site compound areas; and (x) features disturbed during construction and intended to be reinstated such as: <ul style="list-style-type: none"> A boundary features; B driveways; C accessways; and D fences (d) The ULDMP shall also include the following planting and maintenance details: <ul style="list-style-type: none"> (i) planting design details including: <ul style="list-style-type: none"> A identification of existing trees and vegetation that will be retained with reference to the TMP and LMP. Where practicable, mature trees and native vegetation should be retained; B street trees, shrubs and ground cover suitable for the location; C treatment of fill slopes to integrate with adjacent land use, streams, riparian margins and open space zones; D identification of any planting requirements under the LMP (Condition 30) and TMP (Condition 31); E integration of any planting required by conditions of any resource consents for the project; and F re-instatement planting of construction and site compound areas as appropriate. (ii) a planting programme including the staging of planting in relation to the construction programme which shall, as far as practicable, include provision for planting within each planting season following completion of each Stage of Work; and (iii) detailed specifications relating to the following:
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	<ul style="list-style-type: none"> A weed control and clearance; B pest animal management (to support plant establishment); C ground preparation (top soiling and decompaction); D mulching; and E plant sourcing and planting, including hydroseeding and grassing, and use of eco-sourced species.
Construction conditions	
20.	<p>Construction Environmental Management Plan (CEMP)</p> <ul style="list-style-type: none"> (a) A CEMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the CEMP is to set out the management procedures and construction methods to be undertaken to, avoid, remedy or mitigate any adverse effects associated with Construction Works as far as practicable. (b) To achieve the objective, the CEMP shall include: <ul style="list-style-type: none"> (i) the roles and responsibilities of staff and contractors; (ii) details of the site or project manager and the Project Liaison Person, including their contact details (phone and email address); (iii) the Construction Works programmes and the staging approach, and the proposed hours of work; (iv) details of the proposed construction yards including temporary screening when adjacent to residential areas; (v) details of the proposed construction lighting; (vi) methods for controlling dust and the removal of debris and demolition of construction materials from public roads or places; (vii) methods for providing for the health and safety of the general public; (viii) measures to mitigate flood hazard effects such as siting stockpiles out of floodplains, minimising obstruction to flood flows, actions to respond to warnings of heavy rain; (ix) procedures for incident management; (x) location and procedures for the refuelling and maintenance of plant and equipment to avoid discharges of fuels or lubricants to watercourses; (xi) measures to address the storage of fuels, lubricants, hazardous and/or dangerous materials, along with contingency procedures to address emergency spill response(s) and clean up; (xii) procedures for responding to complaints about Construction Works; and (xiii) methods for amending and updating the CEMP as required.

21.	<p>Complaints Process</p> <p>(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"> (i) the date, time and nature of the complaint; (ii) the name, phone number and address of the complainant (unless the complainant wishes to remain anonymous); (iii) measures taken to respond to the complaint (including a record of the response provided to the complainant) or confirmation of no action if deemed appropriate; (iv) the outcome of the investigation into the complaint; and (v) any other activities in the area, unrelated to the project that may have contributed to the complaint, such as non-project construction, fires, traffic accidents or unusually dusty conditions generally. <p>(b) A copy of the complaints record required by this condition shall be made available to the Manager upon request as soon as practicable after the request is made.</p>
22.	<p>Cultural Monitoring Plan (CMP)</p> <p>(a) Prior to the Start of Construction, a CMP shall be prepared by a Suitably Qualified Person(s) identified in collaboration with Mana Whenua. The objective of the CMP is to identify methods for undertaking cultural monitoring to assist with management of any cultural effects during Construction Works.</p> <p>(b) To achieve the objective, the CMP shall include:</p> <ul style="list-style-type: none"> (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; (ii) requirements and protocols for cultural inductions for contractors and subcontractors; (iii) identification of activities, sites and areas where cultural monitoring is required during particular Construction Works; (iv) identification of personnel to undertake cultural monitoring, including any geographic definition of their responsibilities; and (v) details of personnel to assist with management of any cultural effects identified during cultural monitoring, including implementation of the Accidental Discovery Protocol <p>(c) If Enabling Works involving soil disturbance are undertaken prior to the Start of Construction, an Enabling Works CMP shall be prepared by a Suitably Qualified Person identified in collaboration with Mana Whenua. This plan may be prepared as a standalone Enabling Works CMP or be included in the main Construction Works CMP.</p> <p>Advice Note: Where appropriate, the CMP shall align with the requirements of other conditions of the designation and resource consents for the project which require monitoring during Construction Works.</p>

23.	<p>Construction Traffic Management Plan (CTMP)</p> <p>(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>(b) To achieve this objective, the CTMP shall include:</p> <ul style="list-style-type: none"> (i) methods to manage the effects of temporary traffic management activities on traffic; (ii) measures to ensure the safety of all transport users; (iii) the estimated numbers, frequencies, routes and timing of traffic movements, including any specific non-working or non-movement hours to manage vehicular and pedestrian traffic near Educational Facilities or to manage traffic congestion; (iv) site access routes and access points for heavy vehicles, the size and location of parking areas for plant, construction vehicles and the vehicles of workers and visitors; (v) identification of detour routes and other methods to ensure the safe management and maintenance of traffic flows, including public transport, pedestrians and cyclists; (vi) methods to maintain access to and within property and/or private roads where practicable, or to provide alternative arrangements when it will not be, including details of how access is managed for loading and unloading of goods. Engagement with landowners and occupiers whose access is directly affected shall be undertaken in accordance with Condition 13(b)(iii); (vii) the management approach to loads on heavy vehicles, including covering loads of fine material, the use of wheel-wash facilities at site exit points and the timely removal of any material deposited or spilled on public roads; (viii) methods that will be undertaken to communicate traffic management measures to affected road users (e.g. residents/ public/ Stakeholders/ emergency services); (ix) details of minimum network performance parameters during the construction phase, including any measures to monitor compliance with the performance parameters; and (x) details of any measures proposed to be implemented in the event of thresholds identified in (ix) being exceeded. <p>(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 2013) or any subsequent version.</p>
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24.

Construction Noise Standards

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

Table 24-1 Construction Noise Standards

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

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

25.

Construction Vibration Standards

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

Table 25-1 Construction Vibration Standards

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

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

26.	<p>Construction Noise and Vibration Management Plan (CNVMP)</p> <p>(a) A CNVMP shall be prepared by a Suitably Qualified and Experienced Person prior to the Start of Construction for a Stage of Work. A CNVMP shall be implemented during the Stage of Work to which it relates. The objective of the CNVMP is to provide a framework for the development and implementation of the Best Practicable Option for the management of construction noise and vibration effects to achieve the construction noise and vibration standards set out in Conditions 24 and 25 to the extent practicable.</p> <p>(b) To achieve the objective, the CNVMP shall be prepared in accordance with Annex E2 of the New Zealand Standard NZS6803:1999 '<i>Acoustics – Construction Noise</i>' (NZS6803:1999) and shall as a minimum, address the following:</p> <ul style="list-style-type: none"> (i) description of the works and anticipated equipment/processes; (ii) hours of operation, including times and days when construction activities would occur; (iii) the construction noise and vibration standards for the project; (iv) identification of receivers where noise and vibration standards apply; (v) a hierarchy of management and mitigation options, including any requirements to limit night works and works during other sensitive times, including Sundays and public holidays as far as practicable ; (vi) methods and frequency for monitoring and reporting on construction noise and vibration; (vii) procedures for communication and engagement with nearby residents and Stakeholders, including notification of proposed construction activities, the period of construction activities, and management of noise and vibration complaints; (viii) contact details of the Project Liaison Person; (ix) procedures for the regular training of the operators of construction equipment to minimise noise and vibration as well as expected construction site behaviours for all workers; (x) procedures and requirements for the preparation of a Schedule to the CNVMP (Schedule) for those areas where compliance with the noise Condition 24 and/or vibration standards Condition 25 Category B will not be practicable; (xi) identification of trigger levels for undertaking building condition surveys, which shall be Category B day time levels; (xii) procedures and trigger levels for undertaking building condition surveys before and after works to determine whether any cosmetic or structural damage has occurred as a result of construction vibration; (xiii) methodology and programme of desktop and field audits and inspections to be undertaken to ensure that CNVMP, Schedules and the Best Practicable Option for management of effects are being implemented; and (xiv) requirements for review and update of the CNVMP.
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27.

Schedule to a CNVMP

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

28.

Historic Heritage Management Plan (HHMP)

- (a) A HHMP shall be prepared in consultation with Council, HNZPT and Mana Whenua prior to the Start of Construction for a Stage of Work. The objective of the HHMP is to protect historic heritage and to remedy and mitigate any residual effects as far as practicable.
- (b) To achieve the objective, the HHMP shall identify:
 - (i) any adverse direct and indirect effects on historic heritage sites and measures to appropriately avoid, remedy or mitigate any such effects, including a tabulated summary of these effects and measures;
 - (ii) methods for the identification and assessment of potential historic heritage places within the designation to inform detailed design;
 - (iii) known historic heritage places and potential archaeological sites within the designation, including identifying any archaeological sites for which an Archaeological Authority under the HNZPTA will be sought or has been granted;
 - (iv) any unrecorded archaeological sites or post-1900 heritage sites within the designation, which shall also be documented and recorded;
 - (v) roles, responsibilities and contact details of project personnel, Council and HNZPT representatives, Mana Whenua representatives, and relevant agencies involved with heritage and archaeological matters including surveys, monitoring of Construction Works, compliance with AUP accidental discovery rule, and monitoring of conditions;
 - (vi) specific areas to be investigated, monitored and recorded to the extent these are directly affected by the project;
 - (vii) the proposed methodology for investigating and recording post-1900 historic heritage sites (including buildings) that need to be destroyed, demolished or relocated, including details of their condition, measures to mitigate any adverse effects and timeframe for implementing the proposed methodology, in accordance with the HNZPT Archaeological Guidelines Series No.1: Investigation and Recording of Buildings and Standing Structures (November 2018, or any subsequent version);
 - (viii) methods to acknowledge cultural values identified through the Mana Whenua Kaitiaki Forum (Condition 16) and CAR (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 mitigation 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 accidental and/or unexpected discoveries, 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 and Condition 16.

	<p><i>Accidental Discoveries</i></p> <p>Advice Note:</p> <p><i>The requirements for accidental discoveries of heritage items are set out in Rule E11.6.1 of the AUP</i></p>
29.	<p>Pre-Construction Lizard Survey</p> <p>(a) At the start of detailed design for a Stage of Work, an updated survey of native lizards and their habitat in the locations shown in Schedule 3 shall be undertaken by a Suitably Qualified Person. The purpose of the survey is to inform lizard management by:</p> <ul style="list-style-type: none"> (i) confirming whether the native lizards of value within the locations shown in Schedule 3 are still present; and (ii) confirming whether the project will or may have a moderate or greater level of ecological effect on native lizards of value in those locations, prior to implementation of impact management measures, as determined in accordance with the EIANZ guidelines. <p>(b) If the survey confirms the presence of native lizards of value in accordance with Condition 29(a)(i) and that effects are likely in accordance with Condition 29(a)(ii) then a Lizard Management Plan (or Plans) shall be prepared in accordance with Condition 30 for these areas (Confirmed Lizard Management Plan Areas).</p>
30.	<p>Lizard Management Plan (LMP)</p> <p>(a) A LMP shall be prepared for any Confirmed Lizard Management Plan Areas (in accordance with Condition 29) prior to the Start of Construction for a Stage of Work. The objective of the LMP is to minimise effects of the project on native lizards of value in Confirmed Lizard Management Plan Areas as far as practicable.</p> <p>(b) To achieve the objective, the LMP shall set out the methods which may include:</p> <ul style="list-style-type: none"> (i) a description of the methodology and timing for survey, trapping and relocation of native lizards rescued; (ii) a description of the relocation site(s), including: <ul style="list-style-type: none"> A any measures to ensure the relocation site is suitable protected and remains viable (e.g. covenants, consent notices etc.); B any measures to ensure the relocation site is suitably managed to ensure appropriate habitat for native lizards (e.g. provision of additional refugia, weed and pest management); and (iii) any proposed monitoring of relocation sites if necessary to evaluate translocation success. <p>(c) The LMP shall be consistent with any native lizard management measures to be undertaken in compliance with conditions of any regional resource consents granted for the project.</p> <p>Advice Note:</p> <p><i>Depending on the potential effects of the project, the regional consents for the project may include the following monitoring and management plans:</i></p> <ul style="list-style-type: none"> (i) <i>stream and/or wetland restoration plans;</i> (ii) <i>vegetation restoration plans; and</i> (iii) <i>fauna management plans (eg avifauna, bats).</i>

31.	<p>Tree Management Plan (TMP)</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 in Schedule 4.</p> <p>(b) To achieve the objective, the TMP shall:</p> <ul style="list-style-type: none"> (i) confirm that the trees listed in Schedule 4 still exist; and (ii) demonstrate how the design and location of project works has avoided, remedied or mitigated any effects on any tree listed in Schedule 4. This may include: <ul style="list-style-type: none"> A planting to replace trees that require removal (with reference to the ULDMP planting design details in Condition 19); B tree protection zones and tree protection measures such as protective fencing, ground protection and physical protection of roots, trunks and branches; and C methods for work within the rootzone of trees that are to be retained in line with accepted arboricultural standards.
32.	<p>Network Utilities Management Plan (NUMP)</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"> (i) provide access for maintenance at all reasonable times, or emergency works at all times during construction activities; (ii) protect and where necessary, relocate existing network utilities; (iii) manage the effects of dust and any other material potentially resulting from construction activities and able to cause material damage, beyond normal wear and tear to overhead transmission lines in the project area; (iv) demonstrate compliance with relevant standards and Codes of Practice including, where relevant, the NZECP 34:2001 New Zealand Electrical Code of Practice for Electrical Safe Distances 2001; AS/NZS 4853:2012 Electrical hazards on Metallic Pipelines; and AS/NZS 2885 Pipelines – Gas and Liquid Petroleum. <p>(c) The NUMP shall be prepared in consultation with the relevant Network Utility Operators(s) who have assets that are directly affected by the project.</p> <p>(d) The development of the NUMP shall consider opportunities to coordinate future work programmes with other Network Utility Operator(s) during detailed design where practicable.</p> <p>(e) The NUMP shall describe how any comments from the Network Utility Operator in relation to its assets have been addressed.</p> <p>(f) Any comments received from the Network Utility Operator shall be considered when finalising the NUMP.</p> <p>(g) Any amendments to the NUMP related to the assets of a Network Utility Operator shall be prepared in consultation with that asset owner.</p>
Operational conditions	
33.	<p>Low Noise Road Surface</p> <p>Asphaltic concrete surfacing (or equivalent low noise road surface) shall be implemented within 12 months of Completion of Construction of the project.</p>

34.	<p>Future Resurfacing Work</p> <p>(a) Any future resurfacing works of the project shall be undertaken in accordance with the Auckland Transport Reseal Guidelines, Asset Management and Systems 2013 or any updated version and asphaltic concrete surfacing (or equivalent low noise road surface) shall be implemented where:</p> <ul style="list-style-type: none"> (i) the volume of traffic exceeds 10,000 vehicles per day; or (ii) the road is subject to high wear and tear (such as cul de sac heads, roundabouts and main road intersections); or (iii) it is in an industrial or commercial area where there is a high concentration of truck traffic; or (iv) it is subject to high usage by pedestrians, such as town centres, hospitals, shopping centres and schools. <p>(b) Prior to commencing any future resurfacing works, the Requiring Authority shall advise the Manager if any of the triggers in Condition 34(a)(i) – (iv) are not met by the road or a section of it and therefore where the application of asphaltic concrete surfacing (or equivalent low noise road surface) is no longer required on the road or a section of it. Such advice shall also indicate when any resealing is to occur.</p>
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Attachments

Schedule 1: General accordance plans and information

Project Description

The proposed work is for the construction, operation, and maintenance of upgrades to Great South Road between Waihoehoe Road and the State Highway 1 Drury Interchange. The proposed work is shown in the following Concept Plan and includes:

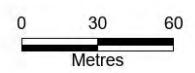
- a) An upgrade of Great South Road to accommodate general traffic lanes and walking and cycling facilities;
- b) Associated works including intersections, bridges, embankments, retaining walls, culverts, and stormwater management systems;
- c) Reconfiguration of local roads, where the proposed work intersects with local roads; and
- d) Construction activities including vegetation removal, establishment of construction areas and the regrading of driveways.

Concept Plan



LEGEND

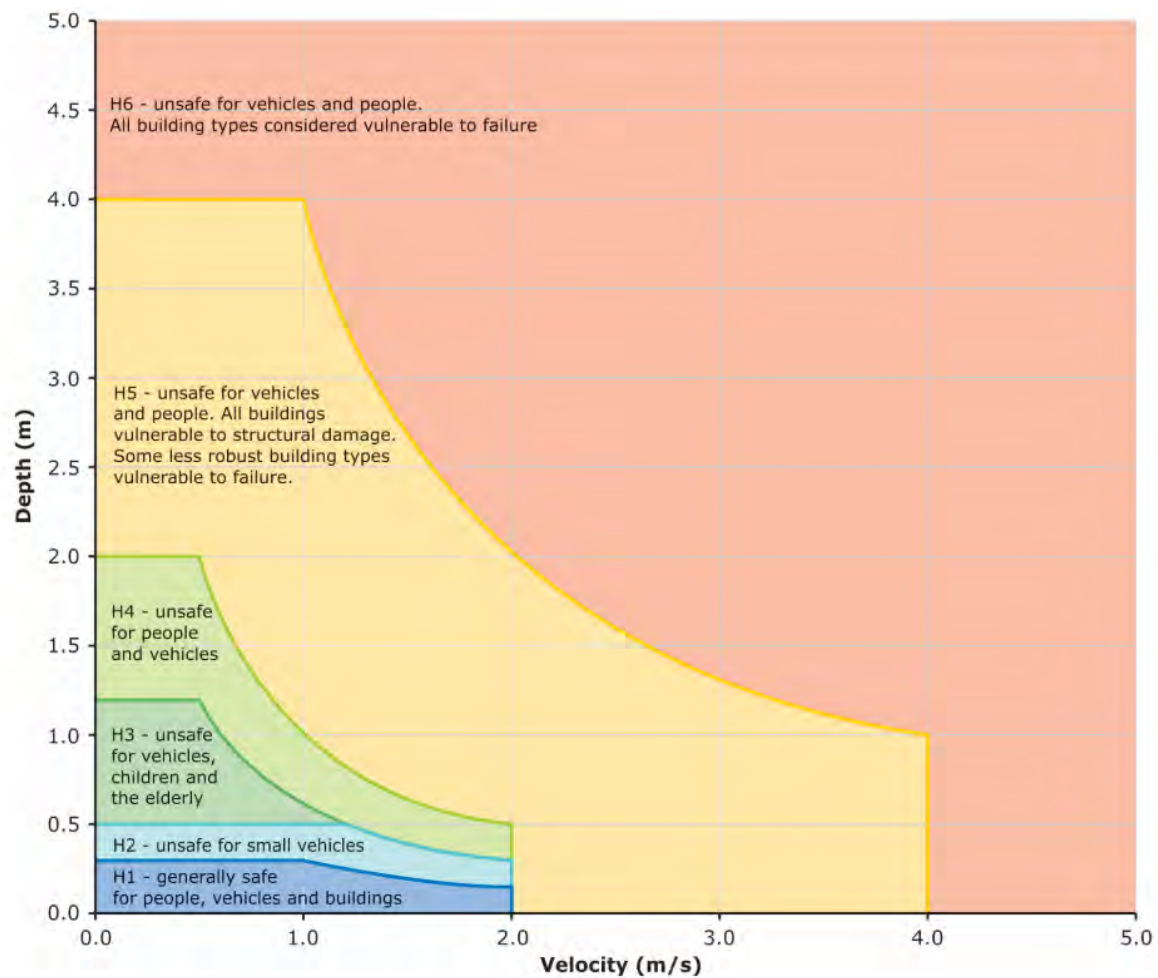
 Designation Boundary



Schedule 2: Flood Hazard Class

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

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



Source: Australian Rainfall and Runoff, Book 6, 2019

Schedule 3: Identified Native Lizard Habitat Areas

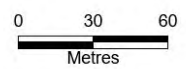
Pre-construction native lizard survey area

Tree No.	Vegetation Type	Tree Species
115	Group of Trees	Willow
116	Group of Trees	Willow



LEGEND

- Tree/Group of Trees
- Designation Boundary



Schedule 4: Trees to be included in the Tree Management Plan

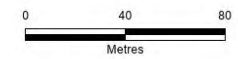
Tree No.	Vegetation Type	Protection	Species
115	Group of Trees	Open Space	Willow
116	Group of Trees	Road Reserve	Willow



LEGEND

■ Designation Boundary

● Tree/Group of Trees



Appendix D - Auckland Transport's Modifications to NoR 3 conditions



[#### – Council to allocate] Takaanini FTN – Weymouth, Alfriston and Great South Road Upgrades

Designation Number	[XXXX]
Requiring Authority	Auckland Transport
Location	Weymouth Road and Alfriston Road between Selwyn Road and Saralee Drive, and Great South Road between Halver Road and Myers Road.
Lapse Date	In accordance with section 184(1)(c) of the RMA, this designation shall lapse if not given effect to within 15 years from the date on which it is included in the AUP.

Purpose

To construct, operate and maintain upgrades to arterial transport corridors and associated infrastructure.

Conditions

Abbreviations and definitions

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

Confirmed Lizard Management Plan Areas	Areas recorded in the Identified Native Lizard Habitat Areas Schedule where the ecological values and effects have been confirmed through the lizard survey under Condition 32.
Construction Works	Activities undertaken to construct the project excluding Enabling Works.
Council	Auckland Council
CTMP	Construction Traffic Management Plan
Developer	Any legal entity that intends to master plan or develop land adjacent to the designation.
Development Agency	Public entities involved in development projects.
Educational Facility	Facility used for education to secondary level. Includes: (a) schools and outdoor education facilities; and (b) accommodation, administrative, cultural, religious, health, retail and communal facilities accessory to the above. Excludes: (a) care centres; and (b) tertiary education facilities.
EIANZ Guidelines	Ecological Impact Assessment: EIANZ guidelines for use in New Zealand: terrestrial and freshwater ecosystems, second edition, dated May 2018.
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 Native Lizard Habitat 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 on native lizards, prior to implementation of impact management measures, as determined in accordance with the EIANZ guidelines.
LMP	Lizard Management Plan
Manager	The Manager – Resource Consents of the Auckland Council, or authorised delegate.
Mana Whenua	Mana Whenua as referred to in the conditions are considered to be, but not limited to, the following (in no particular order), who at the time of Notice of Requirement expressed a desire to be involved in the project: (a) Te Ākitai Waiohū; (b) Ngāi Tai ki Tāmaki; (c) Ngāati Te Ata Waiohū;

	(d) Ngaati Whanaunga; (e) Ngāti Tamaoho; (f) Ngāti Paoa Trust Board; (g) Te Ahiwaru Waiohua; (h) Ngāti Tamaterā; and (i) Ngāti Maru. Note: Other iwi not identified above may have an interest in the project and should be consulted
Network Utility Operator	Has the same meaning as set out in section 166 of the RMA.
NIMP	Network Integration Management Plan
NUMP	Network Utilities Management Plan
NOR	Notice of Requirement
NZAA	New Zealand Archaeological Association
OSMP	Open Space Management Plan
Outline Plan	An outline plan prepared in accordance with section 176A of the RMA.
Project Liaison Person	The person or persons appointed for the duration of the project's Construction Works to be the main point of contact for persons wanting information about the project or affected by the Construction Works.
Protected Premises and Facilities (PPF)	Protected Premises and Facilities as defined in New Zealand Standard NZS 6806:2010: <i>Acoustics – Road-traffic noise – New and altered roads</i> .
Requiring Authority	Has the same meaning as section 166 of the RMA and, for this designation is Auckland Transport.
RMA	Resource Management Act 1991
SCEMP	Stakeholder Communication and Engagement Management Plan
Stakeholder	Stakeholders to be identified in accordance with Condition 5, 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

General conditions	
1.	<p>Activity in General Accordance with Plans and Information</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 following in Schedule 1:</p> <ul style="list-style-type: none"> (i) the project description; and (ii) concept plan <p>(b) Where there is inconsistency between:</p> <ul style="list-style-type: none"> (i) the project description and concept plan in Schedule 1 and the requirements of the following conditions, the conditions shall prevail; (ii) the project description and concept plan in Schedule 1, and the management plans under the conditions of the designation, the requirements of the management plans shall prevail.
2.	<p>Project Information</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"> (i) the status of the project; (ii) anticipated construction timeframes; (iii) contact details for enquiries; (iv) the implications of the designation for landowners, occupiers and business owners and operators within the designation and where they can receive additional advice; (v) a subscription service to enable receipt of project updates by email; and (vi) when and how to apply for consent for works in the designation under section 176(1)(b) of the RMA. <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>Land Use Integration Process</p> <p>(a) The Requiring Authority shall set up a Land use Integration Process for the period between confirmation of the designation and the Start of Construction. The purpose of this process is to encourage and facilitate the integration of master planning and land use development activity on land directly affected or adjacent to the designation. To achieve this purpose:</p> <ul style="list-style-type: none"> (i) the Requiring Authority shall include the contact details of a nominated contact on the project website (or equivalent information source) required to be established by Condition (2)(b)(iii); and (ii) the nominated contact shall be the main point of contact for a Developer or Development Agency wanting to work with the Requiring Authority to integrate their development plans or master planning with the designation. <p>(b) At any time prior to the Start of Construction, the nominated contact will be available to engage with a Developer or Development Agency for the purpose of:</p> <ul style="list-style-type: none"> (i) responding to requests made to the Requiring Authority for information regarding design details that could assist with land use integration; and (ii) receiving information from a Developer or Development Agency regarding master planning or land development details that could assist with land use integration. <p>(c) Information requested or provided under Condition 3(b) above may include but not be limited to the following matters:</p> <ul style="list-style-type: none"> (i) design details including but not limited to: <ul style="list-style-type: none"> A boundary treatment (e.g. the use of retaining walls or batter slopes); B the horizontal and vertical alignment of the road (levels); C potential locations for mid-block crossings; D integration of stormwater infrastructure; E traffic noise modelling contours; and F outputs from flood modelling. (ii) potential modifications to the extent of the designation in response to the information received through Condition 3(b)(ii); (iii) a process for the Requiring Authority to undertake a technical review of or provide comments on any master planning or development proposal advanced by the Developer or Development Agency as it relates to integration with the project; and (iv) details of how to apply for written consent from the Requiring Authority for any development proposal that relates to land that is within the designation under section 176(1)(b) of the RMA. <p>(d) Where information is requested from the Requiring Authority and is available, the nominated contact shall provide the information unless there are reasonable grounds for not providing it.</p> <p>(e) The nominated contact shall maintain a record of the engagement between the Requiring Authority and Developers and Development Agencies for the period following the date in which this designation is included in the AUP through to the Start of Construction for a Stage of Work. The record shall include:</p> <ul style="list-style-type: none"> (i) details of any requests made to the Requiring Authority that could influence detailed design, the results of any engagement and, where such requests that could influence detailed design are declined, the reasons why the Requiring Authority has declined the requests; and (ii) details of any requests to co-ordinate the forward work programme, where appropriate, with Development Agencies and Network Utility Operators. <p>(f) The record shall be submitted to Council for information 10 working days prior to the Start of Construction for a Stage of Work</p>
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4.	<p>Early Childcare Centres</p> <p>(a) If the project is identified in a draft Regional Land Transport Plan that is released for public consultation, or funding is otherwise confirmed (whichever occurs first), the Requiring Authority shall begin engagement with the early childcare centres identified in Schedule 2 regarding the implementation of the Projects.</p> <p>(b) For clarity, if the early childcare centre no longer exists then this condition shall not apply.</p>
5.	<p>Stakeholder Communication and Engagement Design</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"> (i) a list of Stakeholders; (ii) a list of properties within the designation which the Requiring Authority does not own or have occupation rights to; and (iii) methods to engage with Stakeholders and the owners and occupiers of properties identified in (a)(i) – (ii) above. <p>(b) A record of (a) shall be submitted to the Manager for information with an Outline Plan for the relevant Stage of Work.</p> <p>(c) The purpose of this identification and engagement design process is to inform future engagement processes during detailed design and construction phases for a Stage of Work.</p>
6.	<p>Designation Review</p> <p>The Requiring Authority shall within six months of Completion of Construction or as soon as otherwise practicable:</p> <p>(a) 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>(b) give notice to the Manager in accordance with section 182 of the RMA for the removal of those parts of the designation identified above.</p>
7.	<p>Lapse</p> <p>In accordance with section 184(1)(c) of the RMA, this designation shall lapse if not given effect to within 15 years from the date on which it is included in the AUP.</p>
8.	<p>Network Utility Operators and Auckland Council (Section 176 Approval)</p> <p>(a) Prior to the start of Construction Works, Network Utility Operators with existing infrastructure and Auckland Council in relation to parks located within the designation will not require written consent under section 176 of the RMA for the following activities:</p> <ul style="list-style-type: none"> (i) operation, maintenance and repair works; (ii) minor renewal works to existing network utilities or parks necessary for the on-going provision or security of supply of network utility operations; (iii) minor works such as new service connections; and (iv) the upgrade and replacement of existing network utilities in the same location with the same or similar effects on the works authorised by the designation as the existing utility. <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>
Pre-construction conditions	

<p>9.</p>	<p>Outline Plan</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"> (i) Network Integration Management Plan; (ii) Open Space Management Plan; (iii) Urban and Landscape Design Management Plan; (iv) Construction Environmental Management Plan; (v) Construction Traffic Management Plan; (vi) Construction Noise and Vibration Management Plan; (vii) Historic Heritage Management Plan; (viii) Lizard Management Plan; (ix) Tree Management Plan; and (x) Network Utilities Management Plan.
	<p>Flood Hazard</p> <p>For the purpose of Condition 10:</p> <p>(a) AEP – means Annual Exceedance Probability;</p> <p>(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;</p> <p>(c) Flood Prone Area – means a potential ponding areas that may flood in a 1% AEP event and commonly comprise of topographical depression areas. The areas can occur naturally or as a result of constructed features. Identification of a potential Flood Prone Area would be by an assessment of residual flood risk in a 1% AEP event (e.g. from blockage of the project stormwater network) on land outside and adjacent to the designation following the application of Conditions 10(a)(i)-(iv).</p> <p>(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;</p> <p>(e) Pre-Project development – means existing site condition prior to the project (including existing buildings and roadways); and</p> <p>(f) Post-Project development – means site condition after the project has been completed (including existing and new buildings and roadways).</p>

10.	<p>Flood Hazard</p> <p>(a) The project shall be designed to achieve the following flood risk outcomes beyond the boundary of the designation:</p> <ul style="list-style-type: none"> (i) no increase in flood levels in a 1% AEP event for Existing Authorised Habitable Floors that are already subject to flooding or have a freeboard less than 500mm; (ii) no increase in flood levels in a 1% AEP for authorised community, commercial, industrial and network utility building floors existing at the time the Outline Plan is submitted that are already subject to flooding or have a freeboard less than 300mm; (iii) maximum of 50mm increase in flood levels in a 1% AEP event outside and adjacent to the designation between the Pre-Project Development and Post-Project Development scenarios; (iv) no increase of Flood Hazard Class for the main access to authorised habitable dwellings existing at time the Outline Plan is submitted. The assessment shall be undertaken for the 1% AEP rainfall event and reference the hazard class in accordance with Schedule 3 to these conditions; and (v) no new flood prone areas. <p>(b) Compliance with this condition shall be demonstrated in the Outline Plan, which shall include flood modelling of the Pre-Project Development and Post-Project Development 1% AEP flood levels (for Maximum Probable Development land use and including climate change).</p> <p>(c) Where:</p> <ul style="list-style-type: none"> (i) the flood risk outcomes in (a) can be achieved through alternative measures outside of the designation such as flood stop banks, flood walls, raising Existing Authorised Habitable Floor level and new overland flow paths; or (ii) the outcomes are varied at a specific location(s) through agreement with the relevant landowner, <p>confirmation shall be provided to the Manager that any necessary landowner and statutory approvals have been obtained for that alternative measure or varied outcome.</p>
11.	<p>Southmall Access</p> <p>The Outline Plan shall demonstrate how vehicular access will be reinstated from Weymouth Road to the Southmall site at 185 Great South Road, Manurewa. This shall include provision for left-in, left-out, and right-in traffic movements, unless otherwise agreed with the landowner. Consideration of intersection form shall include traffic signals as an option, and shall have regard to safety, bus lane operation, corridor efficiency, and provision of access to land south of Weymouth Road.</p>
12.	<p>Existing property access</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 agreed with the affected landowner. This condition does not apply to business-zoned land.</p>

13.	<p>Existing business property access</p> <ul style="list-style-type: none"> (a) 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. (b) Where vehicle access to a property within business-zoned land will be altered by the project, the Outline Plan shall demonstrate how safe access will be provided that: <ul style="list-style-type: none"> (i) maintains and promotes the safe, effective, and efficient operation of the transport network; (ii) recognises the role and function of all accesses including for loading and unloading of goods to the site; and (iii) subject to achieving (i), also provides effective and efficient access to the site where practicable. (c) Where an alternative outcome has been agreed that does not comply with Condition 13(b), the Outline Plan shall provide details of the alternative outcome and how the safe, effective, and efficient operation of the transport network will be maintained. <p>Advice note: Condition 13 does not affect Auckland Transport's ability to exercise its statutory Road Controlling Authority powers to modify traffic or parking controls.</p>
14.	<p>Management Plans</p> <ul style="list-style-type: none"> (a) Any management plan shall: <ul style="list-style-type: none"> (i) be prepared and implemented in accordance with the relevant management plan condition; (ii) be prepared by a Suitably Qualified Person(s); (iii) include sufficient detail relating to the management of effects associated with the relevant activities and/or Stage of Work to which it relates. (iv) be submitted as part of an Outline Plan pursuant to section 176A of the RMA, with the exception of SCEMPs and CNVMP Schedules; and (v) once finalised, uploaded to the project website or equivalent virtual information source. (b) Any management plan developed in accordance with Condition 14 may: <ul style="list-style-type: none"> (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; (ii) except for material changes, be amended to reflect any changes in design, construction methods or management of effects without further process; (c) Information shall be submitted with the management plan (or revised plan as referred to in (d) below) which summarises outcomes of consultation and any input received from Mana Whenua and Stakeholders as required by the relevant management plan condition. The summary shall note how this input has been incorporated or reflected in the management plan, or if not, the reasons why; (d) If there is a material change required to a management plan which has been submitted with an Outline Plan, the revised part of the plan shall be submitted to the Manager as an update to the Outline Plan or for Certification as soon as practicable following identification of the need for a revision; and (e) Any material changes to the SCEMPs are to be submitted to the Manager for information.

15.	<p>Stakeholder Communication and Engagement Management Plan (SCEMP)</p> <p>(a) A SCEMP shall be prepared in consultation with relevant Stakeholders prior to the Start of Construction. The objective of the SCEMP is to identify how the public and Stakeholders will be engaged with throughout the Construction Works.</p> <p>(b) To achieve the objective, the SCEMP shall include:</p> <ul style="list-style-type: none"> (i) a list of Stakeholders; (ii) the contact details for the Project Liaison Person. These details shall be on the project website, or equivalent virtual information source, and prominently displayed at the main entrance(s) to the site(s); (iii) methods and timing to engage with owners and occupiers whose access is directly affected; (iv) methods to communicate key project milestones and the proposed hours of construction activities including outside of normal working hours and on weekends and public holidays, to the parties identified in (b)(i) above; and (v) linkages and cross-references to communication and engagement methods set out in other conditions and management plans where relevant. <p>(c) Any SCEMP prepared for a Stage of Work shall be submitted to the Manager for information a minimum of 10 working days prior to the Start of Construction for a Stage of Work.</p>
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16.	<p>Cultural Advisory Report</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"> (i) identifies the cultural sites, landscapes and values that have the potential to be affected by the construction and operation of the project; (ii) sets out the desired outcomes for management of potential effects on cultural sites, landscapes and values; (iii) identifies traditional cultural practices within the area that may be impacted by the project; (iv) identifies opportunities for restoration and enhancement of identified cultural sites, landscapes and values within the project area; (v) taking into account the outcomes of (i) to (iv) above, identify cultural matters and principles that should be considered in the development of the ULDMP referred to in Condition 20, HHMP referred to in Condition 31 and the CMP referred to in Condition 25; and (vi) identifies and (if possible) nominates traditional names along the project alignment. Noting there may be formal statutory processes outside the project required in any decision-making. <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; and</p> <p>(d) Conditions 16(a) and (b) above will cease to apply if:</p> <ul style="list-style-type: none"> (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 (ii) Mana Whenua have not provided a Cultural Advisory Report within six months prior to start of Construction Works.
17.	<p>Network Integration Management Plan (NIMP)</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 NIMP. The objective of the NIMP is to identify how the project will integrate with the planned transport network in the Takaanini growth area to achieve an effective, efficient and safe land transport system.</p> <p>(b) To achieve this objective, the NIMP shall include details of the:</p> <ul style="list-style-type: none"> (i) project implementation approach and any staging of the project, including both design, management and operational matters; and (ii) sequencing of the project with the planned transport network, including both design, management and operational matters.

18.	<p>Mana Whenua Kaitiaki Forum</p> <p>(a) At least 12 months prior to the start of detailed design for a Stage of Work, the Requiring Authority shall invite Mana Whenua to establish a Mana Whenua Kaitiaki Forum. The objective of the Mana Whenua Kaitiaki Forum is to provide a forum for Mana Whenua to participate as partners in all phases of the project.</p> <p>(b) To achieve the objective, the Mana Whenua Kaitiaki Forum shall address (as a minimum) the following matters:</p> <ul style="list-style-type: none"> (i) how Mana Whenua will provide input into the design of the project. For example: <ul style="list-style-type: none"> A how Mana Whenua values and narrative are incorporated through the form of the project and associated structures; B how pou, art, sculptures, mahi toi or any other features located on land within or adjoining the project will be provided in a manner that represents the Māori history of the area and promotes a distinctiveness or sense of place; (ii) how Mana Whenua will be engaged in the preparation of management plans and future consenting processes; (iii) how mātauranga Māori and tikanga Māori will be recognised in all phases of the project; (iv) where opportunities for Mana Whenua to participate in engagement with local communities, business associations, social institutions and community groups will be provided; (v) where opportunities for Mana Whenua to support the physical, mental, social and economic wellbeing for iwi and the local community will be provided through the project. This could include: <ul style="list-style-type: none"> A planting supplied through Mana Whenua and community based nurseries; B local schools being involved in planting; and C scholarships, cadetships and job creation. (vi) the Requiring Authority shall provide reasonable resourcing, technical and administrative support for Mana Whenua including organising meetings at a local venue and the taking and dissemination of meeting minutes; (vii) the frequency of meetings shall be agreed between the Requiring Authority and Mana Whenua; and (viii) prior to the Start of Construction, the Requiring Authority shall produce a record of the Mana Whenua Kaitiaki Forum. The record of the Mana Whenua Kaitiaki Forum shall be provided to Mana Whenua and shall include (but not be limited to): <ul style="list-style-type: none"> A details of how Mana Whenua have participated as partners in the project; B details of how the matters set out in (b) will be incorporated into the project; C how the objective of the Mana Whenua Kaitiaki Forum has been and will continue to be met; and D details of how comments from Mana Whenua have been incorporated into the project and where not incorporated, the reasons why. <p>(c) Mana Whenua shall be invited to identify and (if possible) nominate traditional names across the project such as for bridge structures. Noting there may be formal statutory processes outside the project required in any decision making.</p>
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	(d) The Mana Whenua Kaitiaki Forum shall continue to meet for at least six months following Completion of Construction or as agreed with Mana Whenua.
19.	<p>Open Space Management Plan (OSMP)</p> <p>(a) An OSMP shall be prepared prior to the Start of Construction for a Stage of Work for the open spaces listed in Schedule 4.</p> <p>(b) Auckland Council Parks shall be invited to participate in the development of the OSMP at least six months prior to the start of detailed design for a Stage of Work.</p> <p>(c) The objective of the OSMP is to minimise as far as practicable adverse effects of the project on the functions of the open spaces listed in Schedule 4.</p> <p>(d) To achieve the objective, the OSMP shall include details of:</p> <ul style="list-style-type: none"> (i) how the ongoing operation of and access (including walking and cycling) to those open spaces during construction will be maintained in accordance with the CTMP (Condition 26); (ii) opportunities to coordinate the forward work programme for those open spaces where appropriate with Auckland Council Parks; (iii) measures to reasonably maintain the existing level of service of the affected open space; and (iv) how comments from Auckland Council Parks have been incorporated in the OSMP, and where comments have not been incorporated, the reasons why.
	Urban and Landscape Design Management Plan (ULDMP)
20.	<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"> (i) enable integration of the project's permanent works into the surrounding landscape and urban context; and (ii) ensure that the project manages potential adverse landscape and visual effects as far as practicable and contributes to a quality urban environment. <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 the Cultural Advisory Report (Condition 16) and/or through the Mana Whenua Kaitiaki Forum (Condition 18) 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>

21.	<p>(a) To achieve the objective set out in Condition 20, the ULDMP(s) shall provide details of how the project:</p> <ul style="list-style-type: none"> (i) is designed to integrate with the adjacent urban (or proposed urban) and landscape context, including the surrounding existing or proposed topography, urban environment (e.g. centres and density of built form), natural environment, landscape character and open space zones; (ii) provides appropriate walking and cycling connectivity to, and interfaces with, existing or proposed adjacent land uses (including public transport and walking and cycling facilities); (iii) promotes inclusive access (where appropriate); (iv) promotes a sense of personal safety by aligning with best practice guidelines, such as: <ul style="list-style-type: none"> A Crime Prevention Through Environmental Design (CPTED) principles; B Safety in Design (SID) requirements; and C Maintenance in Design (MID) requirements and anti-vandalism/anti-graffiti measures. (v) has responded to matters identified through the Land use Integration Process (Condition 3); and <p>(b) The ULDMP shall be prepared in general accordance with:</p> <ul style="list-style-type: none"> (i) Auckland Transport's Urban Roads and Streets Design Guide or any subsequent updated version; (ii) New Zealand Transport Agency Urban Design Guidelines: Bridging the Gap (2013) or any subsequent updated version; (iii) New Zealand Transport Agency Landscape Guidelines (2013) or any subsequent updated version; (iv) New Zealand Transport Agency P39 Standard Specification for Highway Landscape Treatments (2013) or any subsequent updated version; and (v) Auckland's Urban Ngahere (Forest) Strategy or any subsequent updated version.
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22.	<p>The ULDMP(s) shall include:</p> <ul style="list-style-type: none"> (a) A concept plan – which depicts the overall landscape and urban design concept, and explain the rationale for the landscape and urban design proposals; (b) Developed design concepts, including principles for walking and cycling facilities and public transport; (c) Landscape and urban design details – that cover the following: <ul style="list-style-type: none"> (i) road design – elements such as intersection form, carriageway gradient and associated earthworks contouring including cut and fill batters and the interface with adjacent land uses and existing roads (including slip lanes), benching, spoil disposal sites, median width and treatment, roadside width and treatment; (ii) roadside elements – such as lighting, fencing, wayfinding and signage; (iii) architectural and landscape treatment of all major structures, including bridges and retaining walls; (iv) architectural and landscape treatment of noise barriers; (v) landscape treatment and planting of permanent stormwater control wetlands and swales; (vi) integration of passenger transport; (vii) pedestrian and cycle facilities including paths, road crossings and dedicated pedestrian/ cycle bridges or underpasses; (viii) historic heritage places with reference to the HHMP (Condition 31); and (ix) re-instatement of construction and site compound areas; and (x) features disturbed during construction and intended to be reinstated such as: <ul style="list-style-type: none"> A boundary features; B driveways; C accessways; and D fences (d) The ULDMP shall also include the following planting and maintenance details: <ul style="list-style-type: none"> (i) planting design details including: <ul style="list-style-type: none"> A identification of existing trees and vegetation that will be retained with reference to the TMP and LMP. Where practicable, mature trees and native vegetation should be retained; B street trees, shrubs and ground cover suitable for the location; C treatment of fill slopes to integrate with adjacent land use, streams, riparian margins and open space zones; D identification of any planting requirements under the LMP (Condition 33) and TMP (Condition 34); E integration of any planting required by conditions of any resource consents for the project; and F re-instatement planting of construction and site compound areas as appropriate. (ii) a planting programme including the staging of planting in relation to the construction programme which shall, as far as practicable, include provision for planting within each planting season following completion of each Stage of Work; and (iii) detailed specifications relating to the following:
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	<ul style="list-style-type: none"> A weed control and clearance; B pest animal management (to support plant establishment); C ground preparation (top soiling and decompaction); D mulching; and E plant sourcing and planting, including hydroseeding and grassing, and use of eco-sourced species.
Construction conditions	
23.	<p>Construction Environmental Management Plan (CEMP)</p> <ul style="list-style-type: none"> (a) A CEMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the CEMP is to set out the management procedures and construction methods to be undertaken to, avoid, remedy or mitigate any adverse effects associated with Construction Works as far as practicable. (b) To achieve the objective, the CEMP shall include: <ul style="list-style-type: none"> (i) the roles and responsibilities of staff and contractors; (ii) details of the site or project manager and the Project Liaison Person, including their contact details (phone and email address); (iii) the Construction Works programmes and the staging approach, and the proposed hours of work; (iv) details of the proposed construction yards including temporary screening when adjacent to residential areas; (v) details of the proposed construction lighting; (vi) methods for controlling dust and the removal of debris and demolition of construction materials from public roads or places; (vii) methods for providing for the health and safety of the general public; (viii) measures to mitigate flood hazard effects such as siting stockpiles out of floodplains, minimising obstruction to flood flows, actions to respond to warnings of heavy rain; (ix) procedures for incident management; (x) location and procedures for the refuelling and maintenance of plant and equipment to avoid discharges of fuels or lubricants to watercourses; (xi) measures to address the storage of fuels, lubricants, hazardous and/or dangerous materials, along with contingency procedures to address emergency spill response(s) and clean up; (xii) procedures for responding to complaints about Construction Works; and (xiii) methods for amending and updating the CEMP as required.

24.	<p>Complaints Process</p> <p>(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"> (i) the date, time and nature of the complaint; (ii) the name, phone number and address of the complainant (unless the complainant wishes to remain anonymous); (iii) measures taken to respond to the complaint (including a record of the response provided to the complainant) or confirmation of no action if deemed appropriate; (iv) the outcome of the investigation into the complaint; and (v) any other activities in the area, unrelated to the project that may have contributed to the complaint, such as non-project construction, fires, traffic accidents or unusually dusty conditions generally. <p>(b) A copy of the complaints record required by this condition shall be made available to the Manager upon request as soon as practicable after the request is made.</p>
25.	<p>Cultural Monitoring Plan (CMP)</p> <p>(a) Prior to the Start of Construction, a CMP shall be prepared by a Suitably Qualified Person(s) identified in collaboration with Mana Whenua. The objective of the CMP is to identify methods for undertaking cultural monitoring to assist with management of any cultural effects during Construction Works.</p> <p>(b) To achieve the objective, the CMP shall include:</p> <ul style="list-style-type: none"> (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; (ii) requirements and protocols for cultural inductions for contractors and subcontractors; (iii) identification of activities, sites and areas where cultural monitoring is required during particular Construction Works; (iv) identification of personnel to undertake cultural monitoring, including any geographic definition of their responsibilities; and (v) details of personnel to assist with management of any cultural effects identified during cultural monitoring, including implementation of the Accidental Discovery Protocol <p>(c) If Enabling Works involving soil disturbance are undertaken prior to the Start of Construction, an Enabling Works CMP shall be prepared by a Suitably Qualified Person identified in collaboration with Mana Whenua. This plan may be prepared as a standalone Enabling Works CMP or be included in the main Construction Works CMP.</p> <p>Advice Note: Where appropriate, the CMP shall align with the requirements of other conditions of the designation and resource consents for the project which require monitoring during Construction Works.</p>

26.	<p>Construction Traffic Management Plan (CTMP)</p> <p>(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>(b) To achieve this objective, the CTMP shall include:</p> <ul style="list-style-type: none"> (i) methods to manage the effects of temporary traffic management activities on traffic; (ii) measures to ensure the safety of all transport users; (iii) the estimated numbers, frequencies, routes and timing of traffic movements, including any specific non-working or non-movement hours to manage vehicular and pedestrian traffic near Educational Facilities or to manage traffic congestion; (iv) site access routes and access points for heavy vehicles, the size and location of parking areas for plant, construction vehicles and the vehicles of workers and visitors; (v) identification of detour routes and other methods to ensure the safe management and maintenance of traffic flows, including public transport, pedestrians and cyclists; (vi) methods to maintain access to and within property and/or private roads where practicable, or to provide alternative arrangements when it will not be, including details of how access is managed for loading and unloading of goods. Engagement with landowners and occupiers whose access is directly affected shall be undertaken in accordance with Condition 15(b)(iii); (vii) the management approach to loads on heavy vehicles, including covering loads of fine material, the use of wheel-wash facilities at site exit points and the timely removal of any material deposited or spilled on public roads; (viii) methods that will be undertaken to communicate traffic management measures to affected road users (e.g. residents/ public/ Stakeholders/ emergency services); (ix) details of minimum network performance parameters during the construction phase, including any measures to monitor compliance with the performance parameters; and (x) details of any measures proposed to be implemented in the event of thresholds identified in (ix) being exceeded. <p>(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 2013) or any subsequent version.</p>
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27.

Construction Noise Standards

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

Table 27-1 Construction Noise Standards

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

(b) Where compliance with the noise standards set out in Table 27-1 is not practicable, the methodology in Condition 30 shall apply.

28.

Construction Vibration Standards

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

Table 28-1 Construction Vibration Standards

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

(b) Where compliance with the vibration standards set out in Table 28-1 is not practicable, the methodology in Condition 30 shall apply.

29.	<p>Construction Noise and Vibration Management Plan (CNVMP)</p> <p>(a) A CNVMP shall be prepared by a Suitably Qualified and Experienced Person prior to the Start of Construction for a 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 27 and 28 to the extent practicable.</p> <p>(b) To achieve the objective, the CNVMP shall be prepared in accordance with Annex E2 of the New Zealand Standard NZS6803:1999 '<i>Acoustics – Construction Noise</i>' (NZS6803:1999) and shall as a minimum, address the following:</p> <ul style="list-style-type: none"> (i) description of the works and anticipated equipment/processes; (ii) hours of operation, including times and days when construction activities would occur; (iii) the construction noise and vibration standards for the project; (iv) identification of receivers where noise and vibration standards apply; (v) a hierarchy of management and mitigation options, including any requirements to limit night works and works during other sensitive times, including Sundays and public holidays as far as practicable ; (vi) methods and frequency for monitoring and reporting on construction noise and vibration; (vii) procedures for communication and engagement with nearby residents and Stakeholders, including notification of proposed construction activities, the period of construction activities, and management of noise and vibration complaints; (viii) contact details of the Project Liaison Person; (ix) procedures for the regular training of the operators of construction equipment to minimise noise and vibration as well as expected construction site behaviours for all workers; (x) procedures and requirements for the preparation of a Schedule to the CNVMP (Schedule) for those areas where compliance with the noise Condition 27 and/or vibration standards Condition 28 Category B will not be practicable; (xi) identification of trigger levels for undertaking building condition surveys, which shall be Category B day time levels; (xii) procedures and trigger levels for undertaking building condition surveys before and after works to determine whether any cosmetic or structural damage has occurred as a result of construction vibration; (xiii) methodology and programme of desktop and field audits and inspections to be undertaken to ensure that CNVMP, Schedules and the Best Practicable Option for management of effects are being implemented; and (xiv) requirements for review and update of the CNVMP.
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30.	<p>Schedule to a CNVMP</p> <p>(a) A Schedule to the CNVMP (Schedule) shall be prepared prior to the Start of Construction of an activity to which it relates by a Suitably Qualified Person, in consultation with the owners and occupiers of sites subject to the Schedule, when:</p> <ul style="list-style-type: none"> (i) construction noise is either predicted or measured to exceed the noise standards in Condition 27 except where the exceedance of the L_{Aeq} criteria is no greater than 5 decibels and does not exceed: <ul style="list-style-type: none"> A 0630 – 2000: 2 periods of up to 2 consecutive weeks in any 2 months, or B 2000 - 0630: 1 period of up to 2 consecutive nights in any 10 days. (ii) construction vibration is either predicted or measured to exceed the Category B standard at the receivers in Condition 28. <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.</p> <p>(c) To achieve the objective, the Schedule shall include details such as:</p> <ul style="list-style-type: none"> (i) construction activity location, start and finish dates; (ii) the nearest neighbours to the construction activity; (iii) the predicted noise and/or vibration level for all receivers where the levels are predicted or measured to exceed the applicable standards and predicted duration of the exceedance; (iv) for works proposed between 2000h and 0630h, the reasons why the proposed works must be undertaken during these hours and why they cannot be practicably undertaken during the daytime; (v) the proposed mitigation options that have been selected, and the options that have been discounted as being impracticable and the reasons why; (vi) the consultation undertaken with owners and occupiers of sites subject to the Schedule, and how consultation has and has not been taken into account; and (vii) location, times and types of monitoring. <p>(d) The Schedule shall be submitted to the Manager for Certification at least five working days (except in unforeseen circumstances) in advance of Construction Works that are covered by the scope of the Schedule and shall form part of the CNVMP.</p> <p>(e) The CNVMP Schedule shall be deemed certified five working days from the submission of the CNVMP Schedule where no written confirmation of Certification has been received.</p> <p>(f) Where material changes are made to a Schedule required by this condition, the Requiring Authority shall consult the owners and/or occupiers of sites subject to the Schedule prior to submitting the amended Schedule to the Manager for Certification in accordance with (d) above. The amended Schedule shall document the consultation undertaken with those owners and occupiers, and how consultation outcomes have and have not been taken into account.</p>
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31.	<p>Historic Heritage Management Plan (HHMP)</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"> (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 the Mana Whenua Kaitiaki Forum (Condition 18) and CAR (Condition 16) where archaeological sites also involve ngā taonga tuku iho (treasures handed down by our ancestors) and where feasible and practicable to do so; (ix) methods for avoiding, remedying or mitigation 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"> 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 accidental and/or unexpected discoveries, the AUP Accidental Discovery Rule (E11.6.1). The training shall be undertaken prior to the Start of Construction, under the guidance of a Suitably Qualified Person and Mana Whenua representatives (to the extent the training relates to cultural values identified under Condition 16 and Condition 18).
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	<p><i>Accidental Discoveries</i></p> <p>Advice Note:</p> <p><i>The requirements for accidental discoveries of heritage items are set out in Rule E11.6.1 of the AUP</i></p>
32.	<p>Pre-Construction Lizard Survey</p> <p>(a) At the start of detailed design for a Stage of Work, an updated survey of native lizards and their habitat in the locations shown in Schedule 5 shall be undertaken by a Suitably Qualified Person. The purpose of the survey is to inform lizard management by:</p> <ul style="list-style-type: none"> (i) confirming whether the native lizards of value within the locations shown in Schedule 5 are still present; and (ii) confirming whether the project will or may have a moderate or greater level of ecological effect on native lizards of value in those locations, prior to implementation of impact management measures, as determined in accordance with the EIANZ guidelines. <p>(b) If the survey confirms the presence of native lizards of value in accordance with Condition 32(a)(i) and that effects are likely in accordance with Condition 32(a)(ii) then a Lizard Management Plan (or Plans) shall be prepared in accordance with Condition 33 for these areas (Confirmed Lizard Management Plan Areas).</p>
33.	<p>Lizard Management Plan (LMP)</p> <p>(a) A LMP shall be prepared for any Confirmed Lizard Management Plan Areas (in accordance with Condition 32) prior to the Start of Construction for a Stage of Work. The objective of the LMP is to minimise effects of the project on native lizards of value in Confirmed Lizard Management Plan Areas as far as practicable.</p> <p>(b) To achieve the objective, the LMP shall set out the methods which may include:</p> <ul style="list-style-type: none"> (i) a description of the methodology and timing for survey, trapping and relocation of native lizards rescued; (ii) a description of the relocation site(s), including: <ul style="list-style-type: none"> A any measures to ensure the relocation site is suitable protected and remains viable (e.g. covenants, consent notices etc.); B any measures to ensure the relocation site is suitably managed to ensure appropriate habitat for native lizards (e.g. provision of additional refugia, weed and pest management); and (iii) any proposed monitoring of relocation sites if necessary to evaluate translocation success. <p>(c) The LMP shall be consistent with any native lizard management measures to be undertaken in compliance with conditions of any regional resource consents granted for the project.</p> <p>Advice Note:</p> <p><i>Depending on the potential effects of the project, the regional consents for the project may include the following monitoring and management plans:</i></p> <ul style="list-style-type: none"> <i>(i) stream and/or wetland restoration plans;</i> <i>(ii) vegetation restoration plans; and</i> <i>(iii) fauna management plans (eg avifauna, bats).</i>

34.	<p>Tree Management Plan (TMP)</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 in Schedule 6.</p> <p>(b) To achieve the objective, the TMP shall:</p> <ul style="list-style-type: none"> (i) confirm that the trees listed in Schedule 6 still exist; and (ii) demonstrate how the design and location of project works has avoided, remedied or mitigated any effects on any tree listed in Schedule 6. This may include: <ul style="list-style-type: none"> A planting to replace trees that require removal (with reference to the ULDMP planting design details in Condition 22); B tree protection zones and tree protection measures such as protective fencing, ground protection and physical protection of roots, trunks and branches; and C methods for work within the rootzone of trees that are to be retained in line with accepted arboricultural standards.
35.	<p>Network Utilities Management Plan (NUMP)</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"> (i) provide access for maintenance at all reasonable times, or emergency works at all times during construction activities; (ii) protect and where necessary, relocate existing network utilities; (iii) manage the effects of dust and any other material potentially resulting from construction activities and able to cause material damage, beyond normal wear and tear to overhead transmission lines in the project area; (iv) demonstrate compliance with relevant standards and Codes of Practice including, where relevant, the NZECP 34:2001 New Zealand Electrical Code of Practice for Electrical Safe Distances 2001; AS/NZS 4853:2012 Electrical hazards on Metallic Pipelines; and AS/NZS 2885 Pipelines – Gas and Liquid Petroleum. <p>(c) The NUMP shall be prepared in consultation with the relevant Network Utility Operators(s) who have assets that are directly affected by the project.</p> <p>(d) The development of the NUMP shall consider opportunities to coordinate future work programmes with other Network Utility Operator(s) during detailed design where practicable.</p> <p>(e) The NUMP shall describe how any comments from the Network Utility Operator in relation to its assets have been addressed.</p> <p>(f) Any comments received from the Network Utility Operator shall be considered when finalising the NUMP.</p> <p>(g) Any amendments to the NUMP related to the assets of a Network Utility Operator shall be prepared in consultation with that asset owner.</p>
Operational conditions	
36.	<p>Low Noise Road Surface</p> <p>Asphaltic concrete surfacing (or equivalent low noise road surface) shall be implemented within 12 months of Completion of Construction of the project.</p>

37.	<p>Future Resurfacing Work</p> <p>(a) Any future resurfacing works of the project shall be undertaken in accordance with the Auckland Transport Reseal Guidelines, Asset Management and Systems 2013 or any updated version and asphaltic concrete surfacing (or equivalent low noise road surface) shall be implemented where:</p> <ul style="list-style-type: none"> (i) the volume of traffic exceeds 10,000 vehicles per day; or (ii) the road is subject to high wear and tear (such as cul de sac heads, roundabouts and main road intersections); or (iii) it is in an industrial or commercial area where there is a high concentration of truck traffic; or (iv) it is subject to high usage by pedestrians, such as town centres, hospitals, shopping centres and schools. <p>(b) Prior to commencing any future resurfacing works, the Requiring Authority shall advise the Manager if any of the triggers in Condition 37(a)(i) – (iv) are not met by the road or a section of it and therefore where the application of asphaltic concrete surfacing (or equivalent low noise road surface) is no longer required on the road or a section of it. Such advice shall also indicate when any resealing is to occur.</p>
	<p>Traffic Noise</p> <p>For the purposes of Conditions 38 to 49:</p> <ul style="list-style-type: none"> (a) Building-Modification Mitigation – has the same meaning as in NZS 6806; (b) Design year has the same meaning as in NZS 6806; (c) Detailed Mitigation Options – means the fully detailed design of the Selected Mitigation Options, with all practical issues addressed; (d) Habitable Space – has the same meaning as in NZS 6806; (e) Identified Noise Criteria Category – means the Noise Criteria Category for a PPF identified in Schedule 7: Identified PPFs Noise Criteria Categories; (f) Mitigation – has the same meaning as in NZS 6806:2010 Acoustics – Road-traffic noise – New and altered roads; (g) Noise Criteria Categories – means the groups of preference for sound levels established in accordance with NZS 6806 when determining the Best Practicable Option for noise mitigation (i.e. Categories A, B and C); (h) NZS 6806 – means New Zealand Standard NZS 6806:2010 Acoustics – Road-traffic noise – New and altered roads; (i) Protected Premises and Facilities (PPFs) – means only the premises and facilities identified in Schedule 7: PPFs Noise Criteria Categories; (j) Selected Mitigation Options – means the preferred mitigation option resulting from a Best Practicable Option assessment undertaken in accordance with NZS 6806 taking into account any low noise road surface to be implemented in accordance with Condition 36; and (k) Structural Mitigation – has the same meaning as in NZS 6806.

38.	<p>The Noise Criteria Categories identified in Schedule 7: PPFs Noise Criteria Categories at each of the PPFs shall be achieved where practicable and subject to Conditions 38 to 49 (all traffic noise conditions).</p> <p>The Noise Criteria Categories do not need to be complied with at a PPF where:</p> <ul style="list-style-type: none"> (a) the PPF no longer exists; or (b) agreement of the landowner has been obtained confirming that the Noise Criteria Category does not need to be met. <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>
39.	<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 7 PPFs Noise Criteria Categories.</p> <p>For the avoidance of doubt, the low noise road surface implemented in accordance with Condition 36 may be (or be part of) the Selected Mitigation Option(s).</p>
40.	<p>Prior to the Start of Construction of the project, a Suitably Qualified Person shall develop the Detailed Mitigation Options for the PPFs identified in Schedule 7 PPFs Noise Criteria Categories, taking into account the Selected Mitigation Options.</p>
41.	<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>
42.	<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>
43.	<p>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 L_{Aeq(24h)} inside Habitable Spaces ('Category C Buildings').</p>
44.	<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 three 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.</p>

45.	<p>For each Category C Building identified, the Requiring Authority is deemed to have complied with Condition 44 above if:</p> <ul style="list-style-type: none"> (a) the Requiring Authority's Suitably Qualified Person has visited the building and assessed the noise reduction performance of the building envelope; or (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 (c) the building owner did not agree to entry within three months of the date of the Requiring Authority's letter sent in accordance with Condition 44 above (including where the owner did not respond within that period); or (d) the building owner cannot, after reasonable enquiry, be found prior to Completion of Construction of the project. <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>
46.	<p>Subject to Condition 45 above, within six months of the assessment undertaken in accordance with Condition 44, the Requiring Authority shall write to the owner of each Category C Building advising:</p> <ul style="list-style-type: none"> (a) if Building-Modification Mitigation is required to achieve 40 dB LAeq(24h) inside habitable spaces; and (b) the options available for Building-Modification Mitigation to the building, if required; and (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.
47.	<p>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.</p>
48.	<p>Subject to Condition 45, where Building-Modification Mitigation is required, the Requiring Authority is deemed to have complied with Condition 47 if:</p> <ul style="list-style-type: none"> (a) the Requiring Authority has completed Building Modification Mitigation to the building; or (b) an alternative agreement for mitigation is reached between the Requiring Authority and the building owner; or (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 45 (including where the owner did not respond within that period); or (d) the building owner cannot, after reasonable enquiry, be found prior to Completion of Construction of the project.
49.	<p>The Detailed Mitigation Options shall be maintained so they retain their noise reduction performance as far as practicable.</p>

Attachments

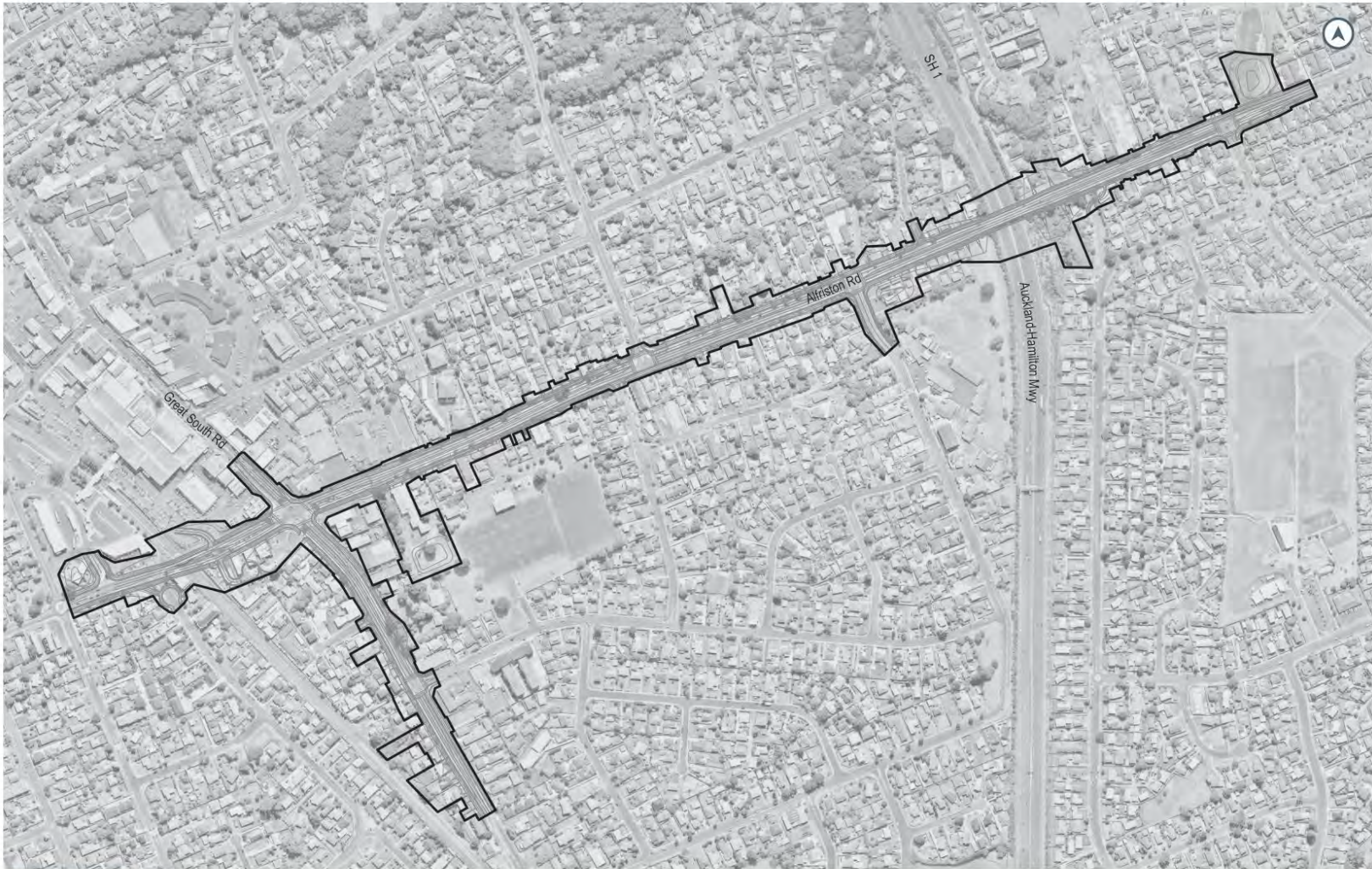
Schedule 1: General accordance plans and information

Project Description


The proposed work is for the construction, operation, and maintenance of upgrades to Weymouth and Alfriston Roads between Selwyn Road and Saralee Drive; and to Great South Road between Halver Road and Myers Road. The proposed work is shown in the following Concept Plan and includes:

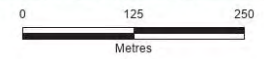
- a) Upgrades to Weymouth Road, Alfriston Road, and Great South Road to accommodate bus priority measures, general traffic lanes and walking and cycling facilities;
- b) Associated works including intersections, bridges, embankments, retaining walls, culverts, and stormwater management systems;
- c) Reconfiguration of local roads, where the proposed work intersects with local roads; and
- d) Construction activities including vegetation removal, establishment of construction areas and the regrading of driveways.

Concept Plan



LEGEND

 Designation Boundary



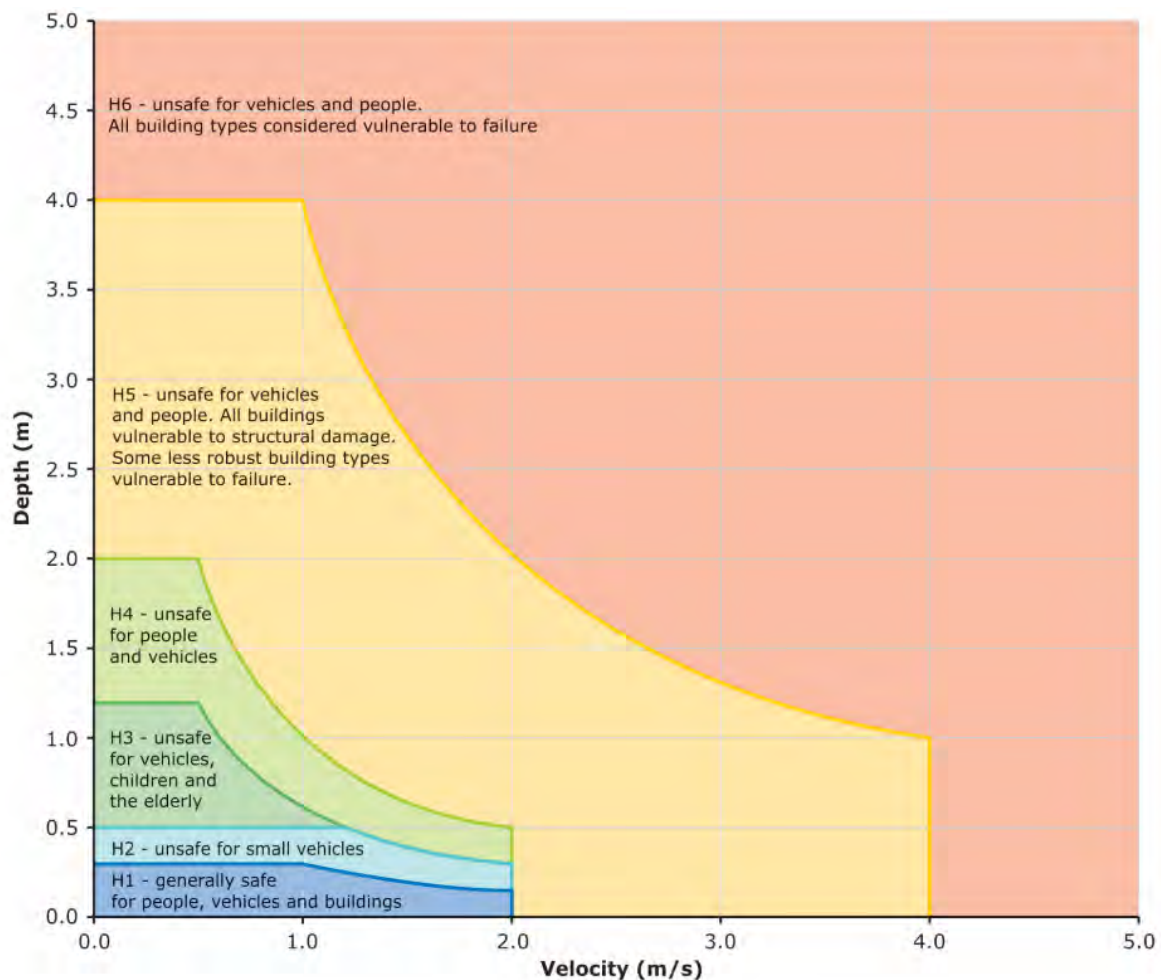
Schedule 2: Early Childcare Centres

Street Address	Legal Description	Operating Name
52 Alfriston Road	Lot 1 DP 197162 Lot 2 DP 49826	All About Children Childcare, Opaheke Papakura
120 Alfriston Road	Lot 1 DP 205600	The Rainbow Corner Early Learning Centre

Schedule 3: Flood Hazard Class

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

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



Source: Australian Rainfall and Runoff, Book 6, 2019

Schedule 4: Open spaces to be included in the Open Space Management Plan

Open Space Name	Address	Legal description
Tadmore Park	238R Great South Road Manurewa Auckland 2102	LOT 2 DP 49948, LOT 3 DP 49948
Gallaher Park	21R Alfriston Road Manurewa Auckland 2102	LOT 4 DP 46314, LOT 5 DP 46314
Alfriston Park	26R Saralee Drive Manurewa Auckland 2105	LOT 76 DP 203181

Schedule 5: Identified Native Lizard Habitat Areas

Pre-construction native lizard survey area

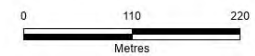
Tree No.	Vegetation Type	Tree Species
38	Group of Trees	Karamu, Māpou
39	Group of Trees	Karamu, Gum
41	Group of Trees	Karamu, English Oak
48	Group of Trees	Ti Kōuka



LEGEND

□ Designation Boundary

● Tree/Group of Trees



Schedule 6: Trees to be included in the Tree Management Plan

Tree No.	Vegetation Type	Protection	Species
18	Group of Trees	Road Reserve	Pin Oak
19	Group of Trees	Road Reserve	Water Gum, Yucca
20	Single Tree	Road Reserve	Water Gum
21	Group of Trees	Road Reserve	Water Gum
22	Single Tree	Road Reserve	Water Gum
24	Group of Trees	Road Reserve	Water Gum
25	Single Tree	Road Reserve	Water Gum
27	Single Tree	Road Reserve	Totara
28	Single Tree	Road Reserve	Pūriri
29	Single Tree	Road Reserve	Water Gum
30	Single Tree	Road Reserve	Water Gum
31	Single Tree	Road Reserve	Water Gum
32	Single Tree	Road Reserve	Water Gum
33	Single Tree	Road Reserve	Water Gum
34	Group of Trees	Road Reserve	Ti Kōuka, Monterey Cypress, Gum, Māpou, Tōtara, Queen Palm
35	Single Tree	Road Reserve	Water Gum
36	Single Tree	Road Reserve	Water Gum
38	Group of Trees	Road Reserve	Karamu, Māpou
39	Group of Trees	Road Reserve	Karamu, Gum
41	Group of Trees	Road Reserve	Karamu, English Oak
42	Single Tree	Road Reserve	Pōhutukawa
43	Group of Trees	Open Space	Pōhutukawa, Tōtara, Kowhai
44	Single Tree	Road Reserve	Pōhutukawa

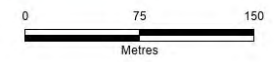
45	Single Tree	Road Reserve	Pōhutukawa
46	Single Tree	Road Reserve	Pōhutukawa
47	Single Tree	Road Reserve	Pōhutukawa
48	Group of Trees	Open Space	Tī Kōuka
49	Group of Trees	Road Reserve	Tōtara
51	Single Tree	Open Space	Tōtara
52	Group of Trees	Open Space	Camphor Laurel, Tī Kōuka, Hibiscus, Kānuka, Kawaka, Māpou, London Plane, Black Poplar, English Oak
53	Group of Trees	Road Reserve	Pōhutukawa



LEGEND

□ Designation Boundary

● Tree/Group of Trees

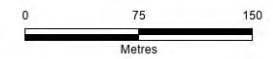




LEGEND

□ Designation Boundary

● Tree/Group of Trees



Schedule 7: Identified PPFs noise criteria categories

Address	New or Altered Road	Noise Criteria Category
250 Great South Road, Manurewa	Altered	Category C
250A Great South Road, Manurewa	Altered	Category C
1/254 Great South Road, Manurewa	Altered	Category B
1/256 Great South Road, Manurewa	Altered	Category B
1-3/245 Great South Road, Manurewa	Altered	Category B
240 Great South Road, Manurewa	Altered	Category B
1/124 Alfriston Road, Manurewa	Altered	Category B
137 Alfriston Road, Manurewa	Altered	Category B
116 Alfriston Road, Manurewa	Altered	Category B
1/28 Alfriston Road, Manurewa East	Altered	Category B
131A Alfriston Road, Manurewa	Altered	Category B
128 Alfriston Road, Manurewa	Altered	Category B
1/72 Alfriston Road, Manurewa East	Altered	Category B
246 Great South Road, Manurewa	Altered	Category B
122A Alfriston Road, Manurewa	Altered	Category B
1/66 Alfriston Road, Manurewa East	Altered	Category B
2/26 Alfriston Road, Manurewa East	Altered	Category B
217 Great South Road, Manurewa	Altered	Category B
215 Great South Road, Manurewa	Altered	Category B
112 Alfriston Road, Manurewa	Altered	Category B
22 Weymouth Road, Manurewa	Altered	Category B
219 Great South Road, Manurewa	Altered	Category B
130 Alfriston Road, Manurewa	Altered	Category B
106 Alfriston Road, Manurewa	Altered	Category B
1/252 Great South Road, Manurewa	Altered	Category B
1/20 Weymouth Road, Manurewa	Altered	Category B
2A-C Fleming Street, Manurewa East	Altered	Category B
100 Alfriston Road, Manurewa	Altered	Category B
143 Alfriston Road, Manurewa	Altered	Category B
1-3/78 Alfriston Road, Manurewa East	Altered	Category B
135 Alfriston Road, Manurewa	Altered	Category B
141B Alfriston Road, Manurewa	Altered	Category B
1/24 Weymouth Road, Manurewa	Altered	Category B
141E Alfriston Road, Manurewa	Altered	Category B
20A Alfriston Road, Manurewa East	Altered	Category B
141C Alfriston Road, Manurewa	Altered	Category B

221 Great South Road, Manurewa	Altered	Category B
49 Alfriston Road, Manurewa East	Altered	Category B
45 Alfriston Road, Manurewa East	Altered	Category B
2/32 Alfriston Road, Manurewa East	Altered	Category B
141D Alfriston Road, Manurewa	Altered	Category B
50 Alfriston Road, Manurewa	Altered	Category B
60 Claude Road, Manurewa East	Altered	Category A
1/24 Alfriston Road, Manurewa East	Altered	Category A
1/57 Alfriston Road, Manurewa East	Altered	Category A
1/15 Alfriston Road, Manurewa East	Altered	Category A
16 Alfriston Road, Manurewa East	Altered	Category A
141F Alfriston Road, Manurewa	Altered	Category A
233 Great South Road, Manurewa	Altered	Category A
26 Weymouth Road, Manurewa	Altered	Category A
80 Alfriston Road, Manurewa East	Altered	Category A
122H Alfriston Road, Manurewa	Altered	Category A
68 Alfriston Road, Manurewa East	Altered	Category A
42A Alfriston Road, Manurewa East	Altered	Category A
49 Claude Road, Hillpark	Altered	Category A
2/110 Alfriston Road, Manurewa	Altered	Category A
40A Alfriston Road, Manurewa East	Altered	Category A
22/110 Alfriston Road, Manurewa	Altered	Category A
139 Alfriston Road, Manurewa	Altered	Category A
1/258 Great South Road, Manurewa	Altered	Category A
1-8/261 Great South Road, Manurewa	Altered	Category A
34 Alfriston Road, Manurewa East	Altered	Category A
229 Great South Road, Manurewa	Altered	Category A
18A Weymouth Road, Manurewa	Altered	Category A
260 Great South Road, Manurewa	Altered	Category A
1/55 Alfriston Road, Manurewa East	Altered	Category A
64 Alfriston Road, Manurewa East	Altered	Category A
36 Alfriston Road, Manurewa East	Altered	Category A
120 Alfriston Road, Manurewa	Altered	Category A
1/262 Great South Road, Manurewa	Altered	Category A
47 Alfriston Road, Manurewa East	Altered	Category A
1/63 Alfriston Road, Manurewa East	Altered	Category A
129 Alfriston Road, Manurewa	Altered	Category A
1/71 Alfriston Road, Manurewa East	Altered	Category A

132 Alfriston Road, Manurewa	Altered	Category A
52A Alfriston Road, Manurewa East	Altered	Category A
30B Alfriston Road, Manurewa East	Altered	Category A
38A Alfriston Road, Manurewa East	Altered	Category A
5/15 Alfriston Road, Manurewa East	Altered	Category A
65 Alfriston Road, Manurewa East	Altered	Category A
61 Alfriston Road, Manurewa East	Altered	Category A
52 Alfriston Road, Manurewa East	Altered	Category A
62 Alfriston Road, Manurewa East	Altered	Category A
25A Alfriston Road, Manurewa East	Altered	Category A
223 Great South Road, Manurewa	Altered	Category A
2/84 Alfriston Road, Manurewa East	Altered	Category A
143A Alfriston Road, Manurewa	Altered	Category A
60A Alfriston Road, Manurewa East	Altered	Category A
1A Scotts Road, Manurewa East	Altered	Category A
70A Alfriston Road, Manurewa East	Altered	Category A
2/79 Alfriston Road, Manurewa East	Altered	Category A
39 Alfriston Road, Manurewa East	Altered	Category A
27A Alfriston Road, Manurewa East	Altered	Category A
56 Claude Road, Hillpark	Altered	Category A
2/72 Alfriston Road, Manurewa East	Altered	Category A
235 Great South Road, Manurewa	Altered	Category A
59B Alfriston Road, Manurewa East	Altered	Category A
37 Alfriston Road, Manurewa East	Altered	Category A
1 Scotts Road, Manurewa East	Altered	Category A
33 Alfriston Road, Manurewa East	Altered	Category A
67 Alfriston Road, Manurewa East	Altered	Category A
134 Alfriston Road, Manurewa	Altered	Category A
2/86 Alfriston Road, Manurewa East	Altered	Category A
1/51 Alfriston Road, Manurewa East	Altered	Category A
2/243 Great South Road, Manurewa	Altered	Category A
41 Alfriston Road, Manurewa East	Altered	Category A
1/240 Great South Road, Manurewa	Altered	Category A
237A Great South Road, Manurewa	Altered	Category A
266 Great South Road, Manurewa	Altered	Category A
2/19 Alfriston Road, Manurewa East	Altered	Category A
2/241 Great South Road, Manurewa	Altered	Category A
259 Great South Road, Manurewa	Altered	Category A

1-2/54 Claude Road, Hillpark	Altered	Category A
2/71 Alfriston Road, Manurewa East	Altered	Category A
2-3/66 Alfriston Road, Manurewa East	Altered	Category A
92A Alfriston Road, Manurewa	Altered	Category A
2/15 Alfriston Road, Manurewa East	Altered	Category A
263 Great South Road, Manurewa	Altered	Category A
47 Claude Road, Hillpark	Altered	Category A
11 Alfriston Road, Manurewa East	Altered	Category A
45 Claude Road, Hillpark	Altered	Category A
88 Alfriston Road, Manurewa East	Altered	Category A
268A Great South Road, Manurewa	Altered	Category A
2/28 Alfriston Road, Manurewa East	Altered	Category A
2/124 Alfriston Road, Manurewa	Altered	Category A
1/26 Alfriston Road, Manurewa East	Altered	Category A
2 Beaumonts Way, Manurewa	Altered	Category A
3-7/72 Alfriston Road, Manurewa East	Altered	Category A
2 Saralee Drive, Manurewa	Altered	Category A
102 Alfriston Road, Manurewa	Altered	Category A
2/24 Alfriston Road, Manurewa East	Altered	Category A
5 Scotts Road, Manurewa East	Altered	Category A
8F Scotts Road, Manurewa East	Altered	Category A
29 Index Place, Manurewa	Altered	Category A
265 Great South Road, Manurewa	Altered	Category A
88 Magic Way, Randwick Park	Altered	Category A
8 Weymouth Road, Manurewa	Altered	Category A
3/243 Great South Road, Manurewa	Altered	Category A
3/32 Alfriston Road, Manurewa East	Altered	Category A
1/18A Weymouth Road, Manurewa	Altered	Category A
2/249 Great South Road, Manurewa	Altered	Category A
22A Saralee Drive, Manurewa	Altered	Category A
1 Beaumonts Way, Manurewa	Altered	Category A
21A/B Selwyn Road, Manurewa	Altered	Category A
8 Scotts Road, Manurewa East	Altered	Category A
20B Alfriston Road, Manurewa East	Altered	Category A
1/16 McAnnalley Street, Manurewa East	Altered	Category A
143B Alfriston Road, Manurewa	Altered	Category A
2/251 Great South Road, Manurewa	Altered	Category A
17 Selwyn Road, Manurewa	Altered	Category A

122G Alfriston Road, Manurewa	Altered	Category A
3/81 Alfriston Road, Manurewa East	Altered	Category A
122B Alfriston Road, Manurewa	Altered	Category A
2 Brough Road, Manurewa East	Altered	Category A
143D Alfriston Road, Manurewa	Altered	Category A
48 Beaumonts Way, Manurewa	Altered	Category A
90A Alfriston Road, Manurewa East	Altered	Category A
1/21 Weymouth Road, Manurewa	Altered	Category A
1/2 Woodside Road, Manurewa	Altered	Category A
23B Weymouth Road, Manurewa	Altered	Category A
2/18A Weymouth Road, Manurewa	Altered	Category A
2/256 Great South Road, Manurewa	Altered	Category A
116A Alfriston Road, Manurewa	Altered	Category A
59 Magic Way, Randwick Park	Altered	Category A
4 Beaumonts Way, Manurewa	Altered	Category A
1/13 Selwyn Road, Manurewa	Altered	Category A
25B Alfriston Road, Manurewa East	Altered	Category A
3 Scotts Road, Manurewa East	Altered	Category A
32 Skelton Avenue, Randwick Park	Altered	Category A
8-9/72 Alfriston Road, Manurewa East	Altered	Category A
46 Beaumonts Way, Manurewa	Altered	Category A
6 Skelton Avenue, Randwick Park	Altered	Category A
213 Great South Road, Manurewa	Altered	Category A
54 Beaumonts Way, Manurewa	Altered	Category A
4/81 Alfriston Road, Manurewa East	Altered	Category A
3/28 Alfriston Road, Manurewa East	Altered	Category A
52 Beaumonts Way, Manurewa	Altered	Category A
31 Index Place, Manurewa	Altered	Category A
252B Great South Road, Manurewa	Altered	Category A
35A Alfriston Road, Manurewa East	Altered	Category A
2/21 Weymouth Road, Manurewa	Altered	Category A
3 Beaumonts Way, Manurewa	Altered	Category A
50 Beaumonts Way, Manurewa	Altered	Category A
2/239 Great South Road, Manurewa	Altered	Category A
3/110 Alfriston Road, Manurewa	Altered	Category A
2/2 Woodside Road, Manurewa	Altered	Category A
2-3/254 Great South Road, Manurewa	Altered	Category A
2/51 Alfriston Road, Manurewa East	Altered	Category A

7 Scotts Road, Manurewa East	Altered	Category A
4/110 Alfriston Road, Manurewa	Altered	Category A
3 Brough Road, Manurewa East	Altered	Category A
2/258 Great South Road, Manurewa	Altered	Category A
2/1A Woodside Road, Manurewa	Altered	Category A
1/239 Great South Road, Manurewa	Altered	Category A
17A Selwyn Road, Manurewa	Altered	Category A
5 Beaumonts Way, Manurewa	Altered	Category A
3/24 Alfriston Road, Manurewa East	Altered	Category A
16 McAnnalley Street, Manurewa East	Altered	Category A
5/81 Alfriston Road, Manurewa East	Altered	Category A
2/262 Great South Road, Manurewa	Altered	Category A
1-2/219A Great South Road, Manurewa	Altered	Category A
94 Alfriston Road, Manurewa	Altered	Category A
4/15 Alfriston Road, Manurewa East	Altered	Category A
1/124A Alfriston Road, Manurewa	Altered	Category A
52 Claude Road, Hillpark	Altered	Category A
3/241 Great South Road, Manurewa	Altered	Category A
4/28 Alfriston Road, Manurewa East	Altered	Category A
21/110 Alfriston Road, Manurewa	Altered	Category A
2/20 Weymouth Road, Manurewa	Altered	Category A
1 Brough Road, Manurewa East	Altered	Category A
2/55 Alfriston Road, Manurewa East	Altered	Category A
4/243 Great South Road, Manurewa	Altered	Category A
4/32 Alfriston Road, Manurewa East	Altered	Category A
4/239 Great South Road, Manurewa	Altered	Category A
8E Scotts Road, Manurewa East	Altered	Category A
1-2/32 Weymouth Road, Manurewa	Altered	Category A
56 Alfriston Road, Manurewa East	Altered	Category A
131 Alfriston Road, Manurewa	Altered	Category A
6A Skelton Avenue, Randwick Park	Altered	Category A
3/19 Alfriston Road, Manurewa East	Altered	Category A
22 Saralee Drive, Manurewa	Altered	Category A
10-13/72 Alfriston Road, Manurewa East	Altered	Category A
28-30 Weymouth Road, Manurewa	Altered	Category A
4 Woodside Road, Manurewa	Altered	Category A
7 Brough Road, Manurewa East	Altered	Category A
57 Magic Way, Randwick Park	Altered	Category A

1/14A Alfriston Road, Manurewa East	Altered	Category A
5/110 Alfriston Road, Manurewa	Altered	Category A
35 Alfriston Road, Manurewa East	Altered	Category A
4 Brough Road, Manurewa East	Altered	Category A
61C Alfriston Road, Manurewa East	Altered	Category A
122F Alfriston Road, Manurewa	Altered	Category A
1 Woodside Road, Manurewa	Altered	Category A
94A Alfriston Road, Manurewa	Altered	Category A
1/52 Claude Road, Hillpark	Altered	Category A
4/54 Claude Road, Hillpark	Altered	Category A
27B Alfriston Road, Manurewa East	Altered	Category A
3B Woodside Road, Manurewa	Altered	Category A
4/20 Weymouth Road, Manurewa	Altered	Category A
18A Saralee Drive, Manurewa	Altered	Category A
3/239 Great South Road, Manurewa	Altered	Category A
48 Claude Road, Hillpark	Altered	Category A
1/39 Claude Road, Hillpark	Altered	Category A
3/15 Alfriston Road, Manurewa East	Altered	Category A
33 Index Place, Manurewa	Altered	Category A
8D Scotts Road, Manurewa East	Altered	Category A
21 Alfriston Road, Manurewa East	Altered	Category A
5A Woodside Road, Manurewa	Altered	Category A
60B Alfriston Road, Manurewa East	Altered	Category A
3 Shifnal Drive, Randwick Park	Altered	Category A
2/124A Alfriston Road, Manurewa	Altered	Category A
6/110 Alfriston Road, Manurewa	Altered	Category A
11 Selwyn Road, Manurewa	Altered	Category A
1A Beaumonts Way, Manurewa	Altered	Category A
1-5/7 Woodside Road, Manurewa	Altered	Category A
5A Scotts Road, Manurewa East	Altered	Category A
3/20 Weymouth Road, Manurewa	Altered	Category A
56B Claude Road, Hillpark	Altered	Category A
18 McAnnalley Street, Manurewa East	Altered	Category A
30A Saralee Drive, Manurewa	Altered	Category A
5/54 Claude Road, Hillpark	Altered	Category A
45A Alfriston Road, Manurewa East	Altered	Category A
2/41 Alfriston Road, Manurewa East	Altered	Category A
2/24 Weymouth Road, Manurewa	Altered	Category A

1/9 Scotts Road, Manurewa East	Altered	Category A
86 Magic Way, Randwick Park	Altered	Category A
5 Brough Road, Manurewa East	Altered	Category A
30C/D Alfriston Road, Manurewa East	Altered	Category A
1/39 Alfriston Road, Manurewa East	Altered	Category A
1/6 Woodside Road, Manurewa	Altered	Category A
4/24 Alfriston Road, Manurewa East	Altered	Category A
1/1A Woodside Road, Manurewa	Altered	Category A
14-17/72 Alfriston Road, Manurewa East	Altered	Category A
30 Skelton Avenue, Randwick Park	Altered	Category A
2/57 Alfriston Road, Manurewa East	Altered	Category A
59A Alfriston Road, Manurewa East	Altered	Category A
46A Claude Road, Hillpark	Altered	Category A
22 Skelton Avenue, Randwick Park	Altered	Category A
3/51 Alfriston Road, Manurewa East	Altered	Category A
3/262 Great South Road, Manurewa	Altered	Category A
70C Alfriston Road, Manurewa East	Altered	Category A
20/110 Alfriston Road, Manurewa	Altered	Category A
33A Alfriston Road, Manurewa East	Altered	Category A
4/6 Woodside Road, Manurewa	Altered	Category A
98 Alfriston Road, Manurewa	Altered	Category A
54A Alfriston Road, Manurewa East	Altered	Category A
2-3/63 Alfriston Road, Manurewa East	Altered	Category A
59 Alfriston Road, Manurewa East	Altered	Category A
3/256 Great South Road, Manurewa	Altered	Category A
5/32 Alfriston Road, Manurewa East	Altered	Category A
1/5 Woodside Road, Manurewa	Altered	Category A
4/262 Great South Road, Manurewa	Altered	Category A
1/35 Claude Road, Hillpark	Altered	Category A
96 Alfriston Road, Manurewa	Altered	Category A
5 Shifnal Drive, Randwick Park	Altered	Category A
2/1 Scotts Road, Manurewa East	Altered	Category A
6 Brough Road, Manurewa East	Altered	Category A
3/252 Great South Road, Manurewa	Altered	Category A
8 Rogers Road, Manurewa	Altered	Category A
4 Skelton Avenue, Randwick Park	Altered	Category A
122C Alfriston Road, Manurewa	Altered	Category A
6-8/7 Woodside Road, Manurewa	Altered	Category A

143C Alfriston Road, Manurewa	Altered	Category A
70D Alfriston Road, Manurewa East	Altered	Category A
66 Saralee Drive, Manurewa	Altered	Category A
43 Claude Road, Hillpark	Altered	Category A
45A Claude Road, Hillpark	Altered	Category A
56A Claude Road, Hillpark	Altered	Category A
6 Sonterra Close, Randwick Park	Altered	Category A
2 Villino Place, Randwick Park	Altered	Category A
1/12 Skelton Avenue, Randwick Park	Altered	Category A
26A/B Hyde Street, Manurewa East	Altered	Category A
6 Hyde Street, Manurewa East	Altered	Category A
41 Claude Road, Hillpark	Altered	Category A
1-3/5 Beaumonts Way, Manurewa	Altered	Category A
1/62A Alfriston Road, Manurewa East	Altered	Category A
34 Saralee Drive, Manurewa	Altered	Category A
114A Alfriston Road, Manurewa	Altered	Category A
7 McAnnalley Street, Manurewa East	Altered	Category A
24 Hyde Street, Manurewa East	Altered	Category A
30 Saralee Drive, Manurewa	Altered	Category A
4 Sonterra Close, Randwick Park	Altered	Category A
35 Index Place, Manurewa	Altered	Category A
1/68A Alfriston Road, Manurewa East	Altered	Category A
122E Alfriston Road, Manurewa	Altered	Category A
3 Woodside Road, Manurewa	Altered	Category A
6 Camberley Court, Manurewa East	Altered	Category A
3/21 Weymouth Road, Manurewa	Altered	Category A
52 Saralee Drive, Manurewa	Altered	Category A
3/258 Great South Road, Manurewa	Altered	Category A
4 Rogers Road, Manurewa	Altered	Category A
8B Scotts Road, Manurewa East	Altered	Category A
2 Hyde Street, Manurewa East	Altered	Category A
3/6 Woodside Road, Manurewa	Altered	Category A
2/14A Alfriston Road, Manurewa East	Altered	Category A
1 Rogers Road, Manurewa	Altered	Category A
8C Scotts Road, Manurewa East	Altered	Category A
70B Alfriston Road, Manurewa East	Altered	Category A
18 Saralee Drive, Manurewa	Altered	Category A
2/10 Scotts Road, Manurewa East	Altered	Category A

22 McAnnalley Street, Manurewa East	Altered	Category A
114 Alfriston Road, Manurewa	Altered	Category A
1 Fleming Street, Manurewa East	Altered	Category A
2/68A Alfriston Road, Manurewa East	Altered	Category A
65A Alfriston Road, Manurewa East	Altered	Category A
20 McAnnalley Street, Manurewa East	Altered	Category A
10 Scotts Road, Manurewa East	Altered	Category A
36 Skelton Avenue, Randwick Park	Altered	Category A
20A Lincoln Road, Manurewa East	Altered	Category A
18 Hyde Street, Manurewa East	Altered	Category A
20 Hyde Street, Manurewa East	Altered	Category A
6 Beaumonts Way, Manurewa	Altered	Category A
5/6 Woodside Road, Manurewa	Altered	Category A
32A Alfriston Road, Manurewa East	Altered	Category A
19/110 Alfriston Road, Manurewa	Altered	Category A
24A McAnnalley Street, Manurewa East	Altered	Category A
8A Scotts Road, Manurewa East	Altered	Category A
2/12 Skelton Avenue, Randwick Park	Altered	Category A
10A Lincoln Road, Manurewa East	Altered	Category A
9 Shifnal Drive, Randwick Park	Altered	Category A
61A Alfriston Road, Manurewa East	Altered	Category A
20 Lincoln Road, Manurewa East	Altered	Category A
4-5/66 Alfriston Road, Manurewa East	Altered	Category A
3 Fleming Street, Manurewa East	Altered	Category A
2 Skelton Avenue, Randwick Park	Altered	Category A
4/9 Scotts Road, Manurewa East	Altered	Category A
16 Hyde Street, Manurewa East	Altered	Category A
24 Skelton Avenue, Randwick Park	Altered	Category A
2A Rogers Road, Manurewa	Altered	Category A
61B Alfriston Road, Manurewa East	Altered	Category A
2 Sonterra Close, Randwick Park	Altered	Category A
3/9 Scotts Road, Manurewa East	Altered	Category A
18 Lincoln Road, Manurewa East	Altered	Category A
12 Sonterra Close, Randwick Park	Altered	Category A
1/10 Scotts Road, Manurewa East	Altered	Category A
53B Halver Road, Hillpark	Altered	Category A
2 Rogers Road, Manurewa	Altered	Category A
37 Claude Road, Hillpark	Altered	Category A

50 Claude Road, Hillpark	Altered	Category A
3/54 Claude Road, Hillpark	Altered	Category A
51B Halver Road, Hillpark	Altered	Category A
10 Sonterra Close, Randwick Park	Altered	Category A
34 Skelton Avenue, Randwick Park	Altered	Category A
18/110 Alfriston Road, Manurewa	Altered	Category A
10 Lincoln Road, Manurewa East	Altered	Category A
24 McAnnalley Street, Manurewa East	Altered	Category A
2/62A Alfriston Road, Manurewa East	Altered	Category A
5/20 Weymouth Road, Manurewa	Altered	Category A
50 Saralee Drive, Manurewa	Altered	Category A
20 Skelton Avenue, Randwick Park	Altered	Category A
3 Sonterra Close, Randwick Park	Altered	Category A
8 Sonterra Close, Randwick Park	Altered	Category A
3A Fleming Street, Manurewa East	Altered	Category A
122D Alfriston Road, Manurewa	Altered	Category A
2/6 Woodside Road, Manurewa	Altered	Category A
12 Saralee Drive, Manurewa	Altered	Category A
2/39 Claude Road, Hillpark	Altered	Category A
10 Hyde Street, Manurewa East	Altered	Category A
37 Halver Road, Hillpark	Altered	Category A
34A Alfriston Road, Manurewa East	Altered	Category A
7 Camberley Court, Manurewa East	Altered	Category A
14A Saralee Drive, Manurewa	Altered	Category A
4/26 Alfriston Road, Manurewa East	Altered	Category A
1/22 Alfriston Road, Manurewa East	Altered	Category A
8 Hyde Street, Manurewa East	Altered	Category A
22 Hyde Street, Manurewa East	Altered	Category A
1 Sonterra Close, Randwick Park	Altered	Category A
13 Scotts Road, Manurewa East	Altered	Category A
12 Hyde Street, Manurewa East	Altered	Category A
8 Camberley Court, Manurewa East	Altered	Category A
64 Saralee Drive, Manurewa	Altered	Category A
5 Camberley Court, Manurewa East	Altered	Category A
14 Hyde Street, Manurewa East	Altered	Category A
1/3 Rogers Road, Manurewa	Altered	Category A
4 Camberley Court, Manurewa East	Altered	Category A
32B Alfriston Road, Manurewa East	Altered	Category A

264A/B Great South Road, Manurewa	Altered	Category A
6-7/66 Alfriston Road, Manurewa East	Altered	Category A
5 Sonterra Close, Randwick Park	Altered	Category A
4 Hyde Street, Manurewa East	Altered	Category A
53 Halver Road, Hillpark	Altered	Category A
2/11 Scotts Road, Manurewa East	Altered	Category A
5 Fleming Street, Manurewa East	Altered	Category A
3/26 Alfriston Road, Manurewa East	Altered	Category A
28 Skelton Avenue, Randwick Park	Altered	Category A
10 Skelton Avenue, Randwick Park	Altered	Category A
41A Claude Road, Hillpark	Altered	Category A
268B Great South Road, Manurewa	Altered	Category A
14 Saralee Drive, Manurewa	Altered	Category A
8 Skelton Avenue, Randwick Park	Altered	Category A
18 Skelton Avenue, Randwick Park	Altered	Category A
7 Sonterra Close, Randwick Park	Altered	Category A
26 Skelton Avenue, Randwick Park	Altered	Category A
1/11 Scotts Road, Manurewa East	Altered	Category A
4/21 Weymouth Road, Manurewa	Altered	Category A
1A Rogers Road, Manurewa	Altered	Category A
264 Great South Road, Manurewa	Altered	Category A
36 Saralee Drive, Manurewa	Altered	Category A
33A Hyde Street, Manurewa East	Altered	Category A
6 Rogers Road, Manurewa	Altered	Category A
16 Skelton Avenue, Randwick Park	Altered	Category A
2-3/35 Claude Road, Hillpark	Altered	Category A
31 Claude Road, Hillpark	Altered	Category A
2-3/13 Selwyn Road, Manurewa	Altered	Category A
2/46A Claude Road, Hillpark	Altered	Category A
270 Great South Road, Manurewa	Altered	Category A
46 Claude Road, Hillpark	Altered	Category A
51A Halver Road, Hillpark	Altered	Category A
272 Great South Road, Manurewa	Altered	Category A
2/22 Alfriston Road, Manurewa East	Altered	Category A
14 Sonterra Close, Randwick Park	Altered	Category A
10 Saralee Drive, Manurewa	Altered	Category A
2/9 Scotts Road, Manurewa East	Altered	Category A
1 Saralee Drive, Manurewa	Altered	Category A

4 Saralee Drive, Manurewa	Altered	Category A
51 Halver Road, Hillpark	Altered	Category A
8D Lincoln Road, Manurewa East	Altered	Category A
2/3 Rogers Road, Manurewa	Altered	Category A
5 Short Street, Manurewa East	Altered	Category A
13 McAnnalley Street, Manurewa East	Altered	Category A
6 Saralee Drive, Manurewa	Altered	Category A
9 Sonterra Close, Randwick Park	Altered	Category A
45G Halver Road, Manurewa East	Altered	Category A
34 Weymouth Road, Manurewa	Altered	Category A
1/5 Rogers Road, Manurewa	Altered	Category A
23A Weymouth Road, Manurewa	Altered	Category A
16 Sonterra Close, Randwick Park	Altered	Category A
24 Sonterra Close, Randwick Park	Altered	Category A
8 Saralee Drive, Manurewa	Altered	Category A
18 Sonterra Close, Randwick Park	Altered	Category A
20 Sonterra Close, Randwick Park	Altered	Category A
3 Saralee Drive, Manurewa	Altered	Category A
1-2/2 Myers Road, Manurewa East	Altered	Category A
22 Sonterra Close, Randwick Park	Altered	Category A
4A Churchill Avenue, Manurewa	Altered	Category A
62 Saralee Drive, Manurewa	Altered	Category A
15 Scotts Road, Manurewa East	Altered	Category A
140 Alfriston Road, Manurewa	Altered	Category A
143E Alfriston Road, Manurewa	Altered	Category A
25A/B Weymouth Road, Manurewa	Altered	Category A
141 Alfriston Road, Manurewa	Altered	Category A
141A Alfriston Road, Manurewa	Altered	Category A

PPF Location Plans



Date: February 19/12/2024

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LEGEND

- Protected Premises and Facilities within the NZS 6806 assessment area
- Designation Boundary

This map contains data derived in part or wholly from sources other than those party to the Supporting Growth Alliance, and therefore, no representations or warranties are made by those party to the Supporting Growth Alliance as to the accuracy or completeness of this information. Linework shown on this plan is conceptual only. Not to be used for construction.

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Appendix E - Auckland Transport's Modifications to NoR 4 conditions



[#### – Council to allocate] Takaanini FTN – Porchester Road Upgrade; and Popes Road Upgrade

Designation Number	[XXXX]
Requiring Authority	Auckland Transport
Location	Porchester Road between Alfriston and Walters Road, and Popes Road between Takanini School Road and Porchester Road.
Lapse Date	In accordance with section 184(1)(c) of the RMA, this designation shall lapse if not given effect to within 15 years from the date on which it is included in the AUP.

Purpose

To construct, operate and maintain upgrades to arterial transport corridors and associated infrastructure.

Conditions

Abbreviations and definitions

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

CTMP	Construction Traffic Management Plan
Developer	Any legal entity that intends to master plan or develop land adjacent to the designation.
Development Agency	Public entities involved in development projects.
Educational Facility	Facility used for education to secondary level. Includes: (a) schools and outdoor education facilities; and (b) accommodation, administrative, cultural, religious, health, retail and communal facilities accessory to the above. Excludes: (a) care centres; and (b) tertiary education facilities.
EIANZ Guidelines	Ecological Impact Assessment: EIANZ guidelines for use in New Zealand: terrestrial and freshwater ecosystems, second edition, dated May 2018.
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
Manager	The Manager – Resource Consents of the Auckland Council, or authorised delegate.
Mana Whenua	Mana Whenua as referred to in the conditions are considered to be, but not limited to, the following (in no particular order), who at the time of Notice of Requirement expressed a desire to be involved in the project: (a) Te Ākitai Waiohū; (b) Ngai Tai ki Tāmaki; (c) Ngaati Te Ata Waiohū; (d) Ngaati Whanaunga; (e) Ngāti Tamaoho; (f) Ngāti Paoa Trust Board; (g) Te Ahiwaru Waiohū; (h) Ngāti Tamaterā; and (i) Ngāti Maru. Note: Other iwi not identified above may have an interest in the project and should be consulted
Network Utility Operator	Has the same meaning as set out in section 166 of the RMA.
NIMP	Network Integration Management Plan
NUMP	Network Utilities Management Plan

NOR	Notice of Requirement
NZAA	New Zealand Archaeological Association
Outline Plan	An outline plan prepared in accordance with section 176A of the RMA.
Project Liaison Person	The person or persons appointed for the duration of the project's Construction Works to be the main point of contact for persons wanting information about the project or affected by the Construction Works.
Protected Premises and Facilities (PPF)	Protected Premises and Facilities as defined in New Zealand Standard NZS 6806:2010: <i>Acoustics – Road-traffic noise – New and altered roads</i> .
Requiring Authority	Has the same meaning as section 166 of the RMA and, for this designation is Auckland Transport.
RMA	Resource Management Act 1991
SCEMP	Stakeholder Communication and Engagement Management Plan
Stakeholder	Stakeholders to be identified in accordance with Condition 4, which may include as appropriate: <ul style="list-style-type: none"> (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

General conditions	
1.	<p>Activity in General Accordance with Plans and Information</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 following in Schedule 1:</p> <ul style="list-style-type: none"> (i) the project description; and (ii) concept plans <p>(b) Where there is inconsistency between:</p> <ul style="list-style-type: none"> (i) the project description and concept plans in Schedule 1 and the requirements of the following conditions, the conditions shall prevail; (ii) the project description and concept plans in Schedule 1, and the management plans under the conditions of the designation, the requirements of the management plans shall prevail.
2.	<p>Project Information</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"> (i) the status of the project; (ii) anticipated construction timeframes; (iii) contact details for enquiries; (iv) the implications of the designation for landowners, occupiers and business owners and operators within the designation and where they can receive additional advice; (v) a subscription service to enable receipt of project updates by email; and (vi) when and how to apply for consent for works in the designation under section 176(1)(b) of the RMA. <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>Land Use Integration Process</p> <p>(a) The Requiring Authority shall set up a Land use Integration Process for the period between confirmation of the designation and the Start of Construction. The purpose of this process is to encourage and facilitate the integration of master planning and land use development activity on land directly affected or adjacent to the designation. To achieve this purpose:</p> <ul style="list-style-type: none"> (i) the Requiring Authority shall include the contact details of a nominated contact on the project website (or equivalent information source) required to be established by Condition (2)(b)(iii); and (ii) the nominated contact shall be the main point of contact for a Developer or Development Agency wanting to work with the Requiring Authority to integrate their development plans or master planning with the designation. <p>(b) At any time prior to the Start of Construction, the nominated contact will be available to engage with a Developer or Development Agency for the purpose of:</p> <ul style="list-style-type: none"> (i) responding to requests made to the Requiring Authority for information regarding design details that could assist with land use integration; and (ii) receiving information from a Developer or Development Agency regarding master planning or land development details that could assist with land use integration. <p>(c) Information requested or provided under Condition 3(b) above may include but not be limited to the following matters:</p> <ul style="list-style-type: none"> (i) design details including but not limited to: <ul style="list-style-type: none"> A boundary treatment (e.g. the use of retaining walls or batter slopes); B the horizontal and vertical alignment of the road (levels); C potential locations for mid-block crossings; D integration of stormwater infrastructure; E traffic noise modelling contours; and F outputs from flood modelling. (ii) potential modifications to the extent of the designation in response to the information received through Condition 3(b)(ii); (iii) a process for the Requiring Authority to undertake a technical review of or provide comments on any master planning or development proposal advanced by the Developer or Development Agency as it relates to integration with the project; and (iv) details of how to apply for written consent from the Requiring Authority for any development proposal that relates to land that is within the designation under section 176(1)(b) of the RMA. <p>(d) Where information is requested from the Requiring Authority and is available, the nominated contact shall provide the information unless there are reasonable grounds for not providing it.</p> <p>(e) The nominated contact shall maintain a record of the engagement between the Requiring Authority and Developers and Development Agencies for the period following the date in which this designation is included in the AUP through to the Start of Construction for a Stage of Work. The record shall include:</p> <ul style="list-style-type: none"> (i) details of any requests made to the Requiring Authority that could influence detailed design, the results of any engagement and, where such requests that could influence detailed design are declined, the reasons why the Requiring Authority has declined the requests; and (ii) details of any requests to co-ordinate the forward work programme, where appropriate, with Development Agencies and Network Utility Operators. <p>(f) The record shall be submitted to Council for information 10 working days prior to the Start of Construction for a Stage of Work</p>
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4.	<p>Stakeholder Communication and Engagement Design</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"> (i) a list of Stakeholders; (ii) a list of properties within the designation which the Requiring Authority does not own or have occupation rights to; and (iii) methods to engage with Stakeholders and the owners and occupiers of properties identified in (a)(i) – (ii) above. <p>(b) A record of (a) shall be submitted to the Manager for information with an Outline Plan for the relevant Stage of Work.</p> <p>(c) The purpose of this identification and engagement design process is to inform future engagement processes during detailed design and construction phases for a Stage of Work.</p>
5.	<p>Designation Review</p> <p>The Requiring Authority shall within six months of Completion of Construction or as soon as otherwise practicable:</p> <ul style="list-style-type: none"> (a) 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 (b) give notice to the Manager in accordance with section 182 of the RMA for the removal of those parts of the designation identified above.
6.	<p>Lapse</p> <p>In accordance with section 184(1)(c) of the RMA, this designation shall lapse if not given effect to within 15 years from the date on which it is included in the AUP.</p>
7.	<p>Network Utility Operators and Auckland Council (Section 176 Approval)</p> <ul style="list-style-type: none"> (a) Prior to the start of Construction Works, Network Utility Operators with existing infrastructure and Auckland Council in relation to parks located within the designation will not require written consent under section 176 of the RMA for the following activities: <ul style="list-style-type: none"> (i) operation, maintenance and repair works; (ii) minor renewal works to existing network utilities or parks necessary for the on-going provision or security of supply of network utility operations; (iii) minor works such as new service connections; and (iv) the upgrade and replacement of existing network utilities in the same location with the same or similar effects on the works authorised by the designation as the existing utility. (b) To the extent that a record of written approval is required for the activities listed above, this condition shall constitute written approval.
Pre-construction conditions	

8.	<p>Outline Plan</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"> (i) Network Integration Management Plan; (ii) Urban and Landscape Design Management Plan; (iii) Construction Environmental Management Plan; (iv) Construction Traffic Management Plan; (v) Construction Noise and Vibration Management Plan; (vi) Historic Heritage Management Plan; (vii) Tree Management Plan; and (viii) Network Utilities Management Plan.
	<p>Flood Hazard</p> <p>For the purpose of Condition 9:</p> <p>(a) AEP – means Annual Exceedance Probability;</p> <p>(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;</p> <p>(c) Flood Prone Area – means a potential ponding areas that may flood in a 1% AEP event and commonly comprise of topographical depression areas. The areas can occur naturally or as a result of constructed features. Identification of a potential Flood Prone Area would be by an assessment of residual flood risk in a 1% AEP event (e.g. from blockage of the project stormwater network) on land outside and adjacent to the designation following the application of Conditions 9(a)(i)-(iv).</p> <p>(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;</p> <p>(e) Pre-Project development – means existing site condition prior to the project (including existing buildings and roadways); and</p> <p>(f) Post-Project development – means site condition after the project has been completed (including existing and new buildings and roadways).</p>

<p>9.</p>	<p>Flood Hazard</p> <p>(a) The project shall be designed to achieve the following flood risk outcomes beyond the boundary of the designation:</p> <ul style="list-style-type: none"> (i) no increase in flood levels in a 1% AEP event for Existing Authorised Habitable Floors that are already subject to flooding or have a freeboard less than 500mm; (ii) no increase in flood levels in a 1% AEP for authorised community, commercial, industrial and network utility building floors existing at the time the Outline Plan is submitted that are already subject to flooding or have a freeboard less than 300mm; (iii) maximum of 50mm increase in flood levels in a 1% AEP event outside and adjacent to the designation between the Pre-Project Development and Post-Project Development scenarios; (iv) no increase of Flood Hazard Class for the main access to authorised habitable dwellings existing at time the Outline Plan is submitted. The assessment shall be undertaken for the 1% AEP rainfall event and reference the hazard class in accordance with Schedule 2 to these conditions; and (v) no new flood prone areas. <p>(b) Compliance with this condition shall be demonstrated in the Outline Plan, which shall include flood modelling of the Pre-Project Development and Post-Project Development 1% AEP flood levels (for Maximum Probable Development land use and including climate change).</p> <p>(c) Where:</p> <ul style="list-style-type: none"> (i) the flood risk outcomes in (a) can be achieved through alternative measures outside of the designation such as flood stop banks, flood walls, raising Existing Authorised Habitable Floor level and new overland flow paths; or (ii) the outcomes are varied at a specific location(s) through agreement with the relevant landowner, <p>confirmation shall be provided to the Manager that any necessary landowner and statutory approvals have been obtained for that alternative measure or varied outcome.</p>
<p>10.</p>	<p>Existing property access</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 agreed with the affected landowner. This condition does not apply to business-zoned land.</p>

11.	<p>Existing business property access</p> <ul style="list-style-type: none"> (a) 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. (b) Where vehicle access to a property within business-zoned land will be altered by the project, the Outline Plan shall demonstrate how safe access will be provided that: <ul style="list-style-type: none"> (i) maintains and promotes the safe, effective, and efficient operation of the transport network; (ii) recognises the role and function of all accesses including for loading and unloading of goods to the site; and (iii) subject to achieving (i), also provides effective and efficient access to the site where practicable. (c) Where an alternative outcome has been agreed that does not comply with Condition 11(b), the Outline Plan shall provide details of the alternative outcome and how the safe, effective, and efficient operation of the transport network will be maintained. <p>Advice note: Condition 11 does not affect Auckland Transport's ability to exercise its statutory Road Controlling Authority powers to modify traffic or parking controls.</p>
12.	<p>Management Plans</p> <ul style="list-style-type: none"> (a) Any management plan shall: <ul style="list-style-type: none"> (i) be prepared and implemented in accordance with the relevant management plan condition; (ii) be prepared by a Suitably Qualified Person(s); (iii) include sufficient detail relating to the management of effects associated with the relevant activities and/or Stage of Work to which it relates. (iv) be submitted as part of an Outline Plan pursuant to section 176A of the RMA, with the exception of SCEMPs and CNVMP Schedules; and (v) once finalised, uploaded to the project website or equivalent virtual information source. (b) Any management plan developed in accordance with Condition 12 may: <ul style="list-style-type: none"> (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; (ii) except for material changes, be amended to reflect any changes in design, construction methods or management of effects without further process; (c) Information shall be submitted with the management plan (or revised plan as referred to in (d) below) which summarises outcomes of consultation and any input received from Mana Whenua and Stakeholders as required by the relevant management plan condition. The summary shall note how this input has been incorporated or reflected in the management plan, or if not, the reasons why; (d) If there is a material change required to a management plan which has been submitted with an Outline Plan, the revised part of the plan shall be submitted to the Manager as an update to the Outline Plan or for Certification as soon as practicable following identification of the need for a revision; and (e) Any material changes to the SCEMPs are to be submitted to the Manager for information.

13.	<p>Stakeholder Communication and Engagement Management Plan (SCEMP)</p> <p>(a) A SCEMP shall be prepared in consultation with relevant Stakeholders prior to the Start of Construction. The objective of the SCEMP is to identify how the public and Stakeholders will be engaged with throughout the Construction Works.</p> <p>(b) To achieve the objective, the SCEMP shall include:</p> <ul style="list-style-type: none"> (i) a list of Stakeholders; (ii) the contact details for the Project Liaison Person. These details shall be on the project website, or equivalent virtual information source, and prominently displayed at the main entrance(s) to the site(s); (iii) methods and timing to engage with owners and occupiers whose access is directly affected; (iv) methods to communicate key project milestones and the proposed hours of construction activities including outside of normal working hours and on weekends and public holidays, to the parties identified in (b)(i) above; and (v) linkages and cross-references to communication and engagement methods set out in other conditions and management plans where relevant. <p>(c) Any SCEMP prepared for a Stage of Work shall be submitted to the Manager for information a minimum of 10 working days prior to the Start of Construction for a Stage of Work.</p>
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14.	<p>Cultural Advisory Report</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"> (i) identifies the cultural sites, landscapes and values that have the potential to be affected by the construction and operation of the project; (ii) sets out the desired outcomes for management of potential effects on cultural sites, landscapes and values; (iii) identifies traditional cultural practices within the area that may be impacted by the project; (iv) identifies opportunities for restoration and enhancement of identified cultural sites, landscapes and values within the project area; (v) taking into account the outcomes of (i) to (iv) above, identify cultural matters and principles that should be considered in the development of the ULDMP referred to in Condition 17, HHMP referred to in Condition 28 and the CMP referred to in Condition 22; and (vi) identifies and (if possible) nominates traditional names along the project alignment. Noting there may be formal statutory processes outside the project required in any decision-making. <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; and</p> <p>(d) Conditions 14(a) and (b) above will cease to apply if:</p> <ul style="list-style-type: none"> (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 (ii) Mana Whenua have not provided a Cultural Advisory Report within six months prior to start of Construction Works.
15.	<p>Network Integration Management Plan (NIMP)</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 NIMP. The objective of the NIMP is to identify how the project will integrate with the planned transport network in the Takaanini growth area to achieve an effective, efficient and safe land transport system.</p> <p>(b) To achieve this objective, the NIMP shall include details of the:</p> <ul style="list-style-type: none"> (i) project implementation approach and any staging of the project, including both design, management and operational matters; and (ii) sequencing of the project with the planned transport network, including both design, management and operational matters.

16.	<p>Mana Whenua Kaitiaki Forum</p> <p>(a) At least 12 months prior to the start of detailed design for a Stage of Work, the Requiring Authority shall invite Mana Whenua to establish a Mana Whenua Kaitiaki Forum. The objective of the Mana Whenua Kaitiaki Forum is to provide a forum for Mana Whenua to participate as partners in all phases of the project.</p> <p>(b) To achieve the objective, the Mana Whenua Kaitiaki Forum shall address (as a minimum) the following matters:</p> <ul style="list-style-type: none"> (i) how Mana Whenua will provide input into the design of the Project. For example: <ul style="list-style-type: none"> A how Mana Whenua values and narrative are incorporated through the form of the project and associated structures; B how pou, art, sculptures, mahi toi or any other features located on land within or adjoining the project will be provided in a manner that represents the Māori history of the area and promotes a distinctiveness or sense of place; (ii) how Mana Whenua will be engaged in the preparation of management plans and future consenting processes; (iii) how mātauranga Māori and tikanga Māori will be recognised in all phases of the project; (iv) where opportunities for Mana Whenua to participate in engagement with local communities, business associations, social institutions and community groups will be provided; (v) where opportunities for Mana Whenua to support the physical, mental, social and economic wellbeing for iwi and the local community will be provided through the project. This could include: <ul style="list-style-type: none"> A planting supplied through Mana Whenua and community based nurseries; B local schools being involved in planting; and C scholarships, cadetships and job creation. (vi) the Requiring Authority shall provide reasonable resourcing, technical and administrative support for Mana Whenua including organising meetings at a local venue and the taking and dissemination of meeting minutes; (vii) the frequency of meetings shall be agreed between the Requiring Authority and Mana Whenua; and (viii) prior to the Start of Construction, the Requiring Authority shall produce a record of the Mana Whenua Kaitiaki Forum. The record of the Mana Whenua Kaitiaki Forum shall be provided to Mana Whenua and shall include (but not be limited to): <ul style="list-style-type: none"> A details of how Mana Whenua have participated as partners in the project; B details of how the matters set out in (b) will be incorporated into the project; C how the objective of the Mana Whenua Kaitiaki Forum has been and will continue to be met; and D details of how comments from Mana Whenua have been incorporated into the project and where not incorporated, the reasons why. <p>(c) Mana Whenua shall be invited to identify and (if possible) nominate traditional names across the project such as for bridge structures. Noting there may be formal statutory processes outside the project required in any decision making.</p>
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	(d) The Mana Whenua Kaitiaki Forum shall continue to meet for at least six months following Completion of Construction or as agreed with Mana Whenua.
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	Urban and Landscape Design Management Plan (ULDMP)
17.	<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"> (i) enable integration of the project's permanent works into the surrounding landscape and urban context; and (ii) ensure that the project manages potential adverse landscape and visual effects as far as practicable and contributes to a quality urban environment. <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 the Cultural Advisory Report (Condition 14) and/or through the Mana Whenua Kaitiaki Forum (Condition 16) 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>
18.	<p>(a) To achieve the objective set out in Condition 17, the ULDMP(s) shall provide details of how the project:</p> <ul style="list-style-type: none"> (i) is designed to integrate with the adjacent urban (or proposed urban) and landscape context, including the surrounding existing or proposed topography, urban environment (e.g. centres and density of built form), natural environment, landscape character and open space zones; (ii) provides appropriate walking and cycling connectivity to, and interfaces with, existing or proposed adjacent land uses (including public transport and walking and cycling facilities); (iii) promotes inclusive access (where appropriate); (iv) promotes a sense of personal safety by aligning with best practice guidelines, such as: <ul style="list-style-type: none"> A Crime Prevention Through Environmental Design (CPTED) principles; B Safety in Design (SID) requirements; and C Maintenance in Design (MID) requirements and anti-vandalism/anti-graffiti measures. (v) has responded to matters identified through the Land use Integration Process (Condition 3); and <p>(b) The ULDMP shall be prepared in general accordance with:</p> <ul style="list-style-type: none"> (i) Auckland Transport's Urban Roads and Streets Design Guide or any subsequent updated version; (ii) New Zealand Transport Agency Urban Design Guidelines: Bridging the Gap (2013) or any subsequent updated version; (iii) New Zealand Transport Agency Landscape Guidelines (2013) or any subsequent updated version; (iv) New Zealand Transport Agency P39 Standard Specification for Highway Landscape Treatments (2013) or any subsequent updated version; and (v) Auckland's Urban Ngahere (Forest) Strategy or any subsequent updated version.

19.	<p>The ULDMP(s) shall include:</p> <ul style="list-style-type: none"> (a) A concept plan – which depicts the overall landscape and urban design concept, and explain the rationale for the landscape and urban design proposals; (b) Developed design concepts, including principles for walking and cycling facilities and public transport; (c) Landscape and urban design details – that cover the following: <ul style="list-style-type: none"> (i) road design – elements such as intersection form, carriageway gradient and associated earthworks contouring including cut and fill batters and the interface with adjacent land uses and existing roads (including slip lanes), benching, spoil disposal sites, median width and treatment, roadside width and treatment; (ii) roadside elements – such as lighting, fencing, wayfinding and signage; (iii) architectural and landscape treatment of all major structures, including bridges and retaining walls; (iv) architectural and landscape treatment of noise barriers; (v) landscape treatment and planting of permanent stormwater control wetlands and swales; (vi) integration of passenger transport; (vii) pedestrian and cycle facilities including paths, road crossings and dedicated pedestrian/ cycle bridges or underpasses; (viii) historic heritage places with reference to the HHMP (Condition 28); and (ix) re-instatement of construction and site compound areas; and (x) features disturbed during construction and intended to be reinstated such as: <ul style="list-style-type: none"> A boundary features; B driveways; C accessways; and D fences (d) The ULDMP shall also include the following planting and maintenance details: <ul style="list-style-type: none"> (i) planting design details including: <ul style="list-style-type: none"> A identification of existing trees and vegetation that will be retained with reference to the TMP and LMP. Where practicable, mature trees and native vegetation should be retained; B street trees, shrubs and ground cover suitable for the location; C treatment of fill slopes to integrate with adjacent land use, streams, riparian margins and open space zones; D identification of any planting requirements under the LMP (Condition 29) and TMP (Condition 29); E integration of any planting required by conditions of any resource consents for the project; and F re-instatement planting of construction and site compound areas as appropriate. (ii) a planting programme including the staging of planting in relation to the construction programme which shall, as far as practicable, include provision for planting within each planting season following completion of each Stage of Work; and (iii) detailed specifications relating to the following:
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	<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; and</p> <p>E plant sourcing and planting, including hydroseeding and grassing, and use of eco-sourced species.</p>
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Construction conditions**20.****Construction Environmental Management Plan (CEMP)**

- (a) A CEMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the CEMP is to set out the management procedures and construction methods to be undertaken to, avoid, remedy or mitigate any adverse effects associated with Construction Works as far as practicable.
- (b) To achieve the objective, the CEMP shall include:
 - (i) the roles and responsibilities of staff and contractors;
 - (ii) details of the site or project manager and the Project Liaison Person, including their contact details (phone and email address);
 - (iii) the Construction Works programmes and the staging approach, and the proposed hours of work;
 - (iv) details of the proposed construction yards including temporary screening when adjacent to residential areas;
 - (v) details of the proposed construction lighting;
 - (vi) methods for controlling dust and the removal of debris and demolition of construction materials from public roads or places;
 - (vii) methods for providing for the health and safety of the general public;
 - (viii) measures to mitigate flood hazard effects such as siting stockpiles out of floodplains, minimising obstruction to flood flows, actions to respond to warnings of heavy rain;
 - (ix) procedures for incident management;
 - (x) location and procedures for the refuelling and maintenance of plant and equipment to avoid discharges of fuels or lubricants to watercourses;
 - (xi) measures to address the storage of fuels, lubricants, hazardous and/or dangerous materials, along with contingency procedures to address emergency spill response(s) and clean up;
 - (xii) procedures for responding to complaints about Construction Works; and
 - (xiii) methods for amending and updating the CEMP as required.

21.**Complaints Process**

- (a) At all times during Construction Works, a record of any complaints received about the Construction Works shall be maintained. The record shall include:
 - (i) the date, time and nature of the complaint;
 - (ii) the name, phone number and address of the complainant (unless the complainant wishes to remain anonymous);
 - (iii) measures taken to respond to the complaint (including a record of the response provided to the complainant) or confirmation of no action if deemed appropriate;
 - (iv) the outcome of the investigation into the complaint; and
 - (v) any other activities in the area, unrelated to the project that may have contributed to the complaint, such as non-project construction, fires, traffic accidents or unusually dusty conditions generally.
- (b) A copy of the complaints record required by this condition shall be made available to the Manager upon request as soon as practicable after the request is made.

22.	<p>Cultural Monitoring Plan (CMP)</p> <p>(a) Prior to the Start of Construction, a CMP shall be prepared by a Suitably Qualified Person(s) identified in collaboration with Mana Whenua. The objective of the CMP is to identify methods for undertaking cultural monitoring to assist with management of any cultural effects during Construction Works.</p> <p>(b) To achieve the objective, the CMP shall include:</p> <ul style="list-style-type: none"> (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; (ii) requirements and protocols for cultural inductions for contractors and subcontractors; (iii) identification of activities, sites and areas where cultural monitoring is required during particular Construction Works; (iv) identification of personnel to undertake cultural monitoring, including any geographic definition of their responsibilities; and (v) details of personnel to assist with management of any cultural effects identified during cultural monitoring, including implementation of the Accidental Discovery Protocol <p>(c) If Enabling Works involving soil disturbance are undertaken prior to the Start of Construction, an Enabling Works CMP shall be prepared by a Suitably Qualified Person identified in collaboration with Mana Whenua. This plan may be prepared as a standalone Enabling Works CMP or be included in the main Construction Works CMP.</p> <p>Advice Note: Where appropriate, the CMP shall align with the requirements of other conditions of the designation and resource consents for the project which require monitoring during Construction Works.</p>
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23.	<p>Construction Traffic Management Plan (CTMP)</p> <p>(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>(b) To achieve this objective, the CTMP shall include:</p> <ul style="list-style-type: none"> (i) methods to manage the effects of temporary traffic management activities on traffic; (ii) measures to ensure the safety of all transport users; (iii) the estimated numbers, frequencies, routes and timing of traffic movements, including any specific non-working or non-movement hours to manage vehicular and pedestrian traffic near Educational Facilities or to manage traffic congestion; (iv) site access routes and access points for heavy vehicles, the size and location of parking areas for plant, construction vehicles and the vehicles of workers and visitors; (v) identification of detour routes and other methods to ensure the safe management and maintenance of traffic flows, including public transport, pedestrians and cyclists; (vi) methods to maintain access to and within property and/or private roads where practicable, or to provide alternative arrangements when it will not be, including details of how access is managed for loading and unloading of goods. Engagement with landowners and occupiers whose access is directly affected shall be undertaken in accordance with Condition 13(b)(iii); (vii) the management approach to loads on heavy vehicles, including covering loads of fine material, the use of wheel-wash facilities at site exit points and the timely removal of any material deposited or spilled on public roads; (viii) methods that will be undertaken to communicate traffic management measures to affected road users (e.g. residents/ public/ Stakeholders/ emergency services); (ix) details of minimum network performance parameters during the construction phase, including any measures to monitor compliance with the performance parameters; and (x) details of any measures proposed to be implemented in the event of thresholds identified in (ix) being exceeded. <p>(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 2013) or any subsequent version.</p>
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24.

Construction Noise Standards

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

Table 24-1 Construction Noise Standards

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

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

25.

Construction Vibration Standards

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

Table 25-1 Construction Vibration Standards

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

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

26.	<p>Construction Noise and Vibration Management Plan (CNVMP)</p> <p>(a) A CNVMP shall be prepared by a Suitably Qualified and Experienced Person prior to the Start of Construction for a Stage of Work. A CNVMP shall be implemented during the Stage of Work to which it relates. The objective of the CNVMP is to provide a framework for the development and implementation of the Best Practicable Option for the management of construction noise and vibration effects to achieve the construction noise and vibration standards set out in Conditions 24 and 25 to the extent practicable.</p> <p>(b) To achieve the objective, the CNVMP shall be prepared in accordance with Annex E2 of the New Zealand Standard NZS6803:1999 '<i>Acoustics – Construction Noise</i>' (NZS6803:1999) and shall as a minimum, address the following:</p> <ul style="list-style-type: none"> (i) description of the works and anticipated equipment/processes; (ii) hours of operation, including times and days when construction activities would occur; (iii) the construction noise and vibration standards for the project; (iv) identification of receivers where noise and vibration standards apply; (v) a hierarchy of management and mitigation options, including any requirements to limit night works and works during other sensitive times, including Sundays and public holidays as far as practicable ; (vi) methods and frequency for monitoring and reporting on construction noise and vibration; (vii) procedures for communication and engagement with nearby residents and Stakeholders, including notification of proposed construction activities, the period of construction activities, and management of noise and vibration complaints; (viii) contact details of the Project Liaison Person; (ix) procedures for the regular training of the operators of construction equipment to minimise noise and vibration as well as expected construction site behaviours for all workers; (x) procedures and requirements for the preparation of a Schedule to the CNVMP (Schedule) for those areas where compliance with the noise Condition 24 and/or vibration standards Condition 25 Category B will not be practicable; (xi) identification of trigger levels for undertaking building condition surveys, which shall be Category B day time levels; (xii) procedures and trigger levels for undertaking building condition surveys before and after works to determine whether any cosmetic or structural damage has occurred as a result of construction vibration; (xiii) methodology and programme of desktop and field audits and inspections to be undertaken to ensure that CNVMP, Schedules and the Best Practicable Option for management of effects are being implemented; and (xiv) requirements for review and update of the CNVMP.
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27.

Schedule to a CNVMP

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

28.

Historic Heritage Management Plan (HHMP)

- (a) A HHMP shall be prepared in consultation with Council, HNZPT and Mana Whenua prior to the Start of Construction for a Stage of Work. The objective of the HHMP is to protect historic heritage and to remedy and mitigate any residual effects as far as practicable.
- (b) To achieve the objective, the HHMP shall identify:
 - (i) any adverse direct and indirect effects on historic heritage sites and measures to appropriately avoid, remedy or mitigate any such effects, including a tabulated summary of these effects and measures;
 - (ii) methods for the identification and assessment of potential historic heritage places within the designation to inform detailed design;
 - (iii) known historic heritage places and potential archaeological sites within the designation, including identifying any archaeological sites for which an Archaeological Authority under the HNZPTA will be sought or has been granted;
 - (iv) any unrecorded archaeological sites or post-1900 heritage sites within the designation, which shall also be documented and recorded;
 - (v) roles, responsibilities and contact details of project personnel, Council and HNZPT representatives, Mana Whenua representatives, and relevant agencies involved with heritage and archaeological matters including surveys, monitoring of Construction Works, compliance with AUP accidental discovery rule, and monitoring of conditions;
 - (vi) specific areas to be investigated, monitored and recorded to the extent these are directly affected by the project;
 - (vii) the proposed methodology for investigating and recording post-1900 historic heritage sites (including buildings) that need to be destroyed, demolished or relocated, including details of their condition, measures to mitigate any adverse effects and timeframe for implementing the proposed methodology, in accordance with the HNZPT Archaeological Guidelines Series No.1: Investigation and Recording of Buildings and Standing Structures (November 2018, or any subsequent version);
 - (viii) methods to acknowledge cultural values identified through the Mana Whenua Kaitiaki Forum (Condition 16) and CAR (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 mitigation 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 accidental and/or unexpected discoveries, 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 and Condition 16).

	<p><i>Accidental Discoveries</i></p> <p>Advice Note:</p> <p><i>The requirements for accidental discoveries of heritage items are set out in Rule E11.6.1 of the AUP</i></p>
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	<p>Ecology</p> <p>Advice Note:</p> <p><i>Depending on the potential effects of the project, the regional consents for the project may include the following monitoring and management plans:</i></p> <ul style="list-style-type: none"> <i>(i) Stream and/or wetland restoration plans;</i> <i>(ii) Vegetation restoration plans; and</i> <i>(iii) Fauna management plans (e.g., avifauna, bats).</i>
29.	<p>Tree Management Plan (TMP)</p> <ul style="list-style-type: none"> (a) Prior to the Start of Construction for a Stage of Work, a TMP shall be prepared. The objective of the TMP is to avoid, remedy or mitigate effects of construction activities on trees identified in Schedule 3. (b) To achieve the objective, the TMP shall: <ul style="list-style-type: none"> (i) confirm that the trees listed in Schedule 3 still exist; and (ii) demonstrate how the design and location of project works has avoided, remedied or mitigated any effects on any tree listed in Schedule 3. This may include: <ul style="list-style-type: none"> A planting to replace trees that require removal (with reference to the ULDMP planting design details in Condition 19); B tree protection zones and tree protection measures such as protective fencing, ground protection and physical protection of roots, trunks and branches; and C methods for work within the rootzone of trees that are to be retained in line with accepted arboricultural standards.

30.	<p>Network Utilities Management Plan (NUMP)</p> <ul style="list-style-type: none"> (a) A NUMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the NUMP is to set out a framework for protecting, relocating and working in proximity to existing network utilities. (b) To achieve the objective, the NUMP shall include methods to: <ul style="list-style-type: none"> (i) provide access for maintenance at all reasonable times, or emergency works at all times during construction activities; (ii) protect and where necessary, relocate existing network utilities; (iii) manage the effects of dust and any other material potentially resulting from construction activities and able to cause material damage, beyond normal wear and tear to overhead transmission lines in the project area; (iv) demonstrate compliance with relevant standards and Codes of Practice including, where relevant, the NZECP 34:2001 New Zealand Electrical Code of Practice for Electrical Safe Distances 2001; AS/NZS 4853:2012 Electrical hazards on Metallic Pipelines; and AS/NZS 2885 Pipelines – Gas and Liquid Petroleum. (c) The NUMP shall be prepared in consultation with the relevant Network Utility Operators(s) who have assets that are directly affected by the project. (d) The development of the NUMP shall consider opportunities to coordinate future work programmes with other Network Utility Operator(s) during detailed design where practicable. (e) The NUMP shall describe how any comments from the Network Utility Operator in relation to its assets have been addressed. (f) Any comments received from the Network Utility Operator shall be considered when finalising the NUMP. (g) Any amendments to the NUMP related to the assets of a Network Utility Operator shall be prepared in consultation with that asset owner.
Operational conditions	

31.	<p>Low Noise Road Surface</p> <p>Asphaltic concrete surfacing (or equivalent low noise road surface) shall be implemented within 12 months of Completion of Construction of the project.</p>
32.	<p>Future Resurfacing Work</p> <p>(a) Any future resurfacing works of the project shall be undertaken in accordance with the Auckland Transport Reseal Guidelines, Asset Management and Systems 2013 or any updated version and asphaltic concrete surfacing (or equivalent low noise road surface) shall be implemented where:</p> <ul style="list-style-type: none"> (i) the volume of traffic exceeds 10,000 vehicles per day; or (ii) the road is subject to high wear and tear (such as cul de sac heads, roundabouts and main road intersections); or (iii) it is in an industrial or commercial area where there is a high concentration of truck traffic; or (iv) it is subject to high usage by pedestrians, such as town centres, hospitals, shopping centres and schools. <p>(b) Prior to commencing any future resurfacing works, the Requiring Authority shall advise the Manager if any of the triggers in Condition 32(a)(i) – (iv) are not met by the road or a section of it and therefore where the application of asphaltic concrete surfacing (or equivalent low noise road surface) is no longer required on the road or a section of it. Such advice shall also indicate when any resealing is to occur.</p>
	<p>Traffic Noise</p> <p>For the purposes of Conditions 33 to 44:</p> <ul style="list-style-type: none"> (a) Building-Modification Mitigation – has the same meaning as in NZS 6806; (b) Design year has the same meaning as in NZS 6806; (c) Detailed Mitigation Options – means the fully detailed design of the Selected Mitigation Options, with all practical issues addressed; (d) Habitable Space – has the same meaning as in NZS 6806; (e) Identified Noise Criteria Category – means the Noise Criteria Category for a PPF identified in Schedule 4: Identified PPFs Noise Criteria Categories; (f) Mitigation – has the same meaning as in NZS 6806:2010 Acoustics – Road-traffic noise – New and altered roads; (g) Noise Criteria Categories – means the groups of preference for sound levels established in accordance with NZS 6806 when determining the Best Practicable Option for noise mitigation (i.e. Categories A, B and C); (h) NZS 6806 – means New Zealand Standard NZS 6806:2010 Acoustics – Road-traffic noise – New and altered roads; (i) Protected Premises and Facilities (PPFs) – means only the premises and facilities identified in Schedule 4: PPFs Noise Criteria Categories; (j) Selected Mitigation Options – means the preferred mitigation option resulting from a Best Practicable Option assessment undertaken in accordance with NZS 6806 taking into account any low noise road surface to be implemented in accordance with Condition 31; and (k) Structural Mitigation – has the same meaning as in NZS 6806.

33.	<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 44 (all traffic noise conditions).</p> <p>The Noise Criteria Categories do not need to be complied with at a PPF where:</p> <ul style="list-style-type: none"> (a) the PPF no longer exists; or (b) agreement of the landowner has been obtained confirming that the Noise Criteria Category does not need to be met. <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> <p>For the avoidance of doubt, the low noise road surface implemented in accordance with Condition 31 may be (or be part of) the Selected Mitigation Option(s).</p>
35.	<p>Prior to the Start of Construction of the project, a Suitably Qualified Person shall develop the Detailed Mitigation Options for the PPFs identified in Schedule 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>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>
38.	<p>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 $L_{Aeq(24h)}$ inside Habitable Spaces ('Category C Buildings').</p>
39.	<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 three 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.</p>

40.	<p>For each Category C Building identified, the Requiring Authority is deemed to have complied with Condition 39 above if:</p> <ul style="list-style-type: none"> (a) the Requiring Authority's Suitably Qualified Person has visited the building and assessed the noise reduction performance of the building envelope; or (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 (c) the building owner did not agree to entry within three months of the date of the Requiring Authority's letter sent in accordance with Condition 39 above (including where the owner did not respond within that period); or (d) the building owner cannot, after reasonable enquiry, be found prior to Completion of Construction of the project. <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>
41.	<p>Subject to Condition 40 above, within six months of the assessment undertaken in accordance with Condition 39, the Requiring Authority shall write to the owner of each Category C Building advising:</p> <ul style="list-style-type: none"> (a) if Building-Modification Mitigation is required to achieve 40 dB LAeq(24h) inside habitable spaces; and (b) the options available for Building-Modification Mitigation to the building, if required; and (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.
42.	<p>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.</p>
43.	<p>Subject to Condition 40, where Building-Modification Mitigation is required, the Requiring Authority is deemed to have complied with Condition 42 if:</p> <ul style="list-style-type: none"> (a) the Requiring Authority has completed Building Modification Mitigation to the building; or (b) an alternative agreement for mitigation is reached between the Requiring Authority and the building owner; or (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 40 (including where the owner did not respond within that period); or (d) the building owner cannot, after reasonable enquiry, be found prior to Completion of Construction of the project.
44.	<p>The Detailed Mitigation Options shall be maintained so they retain their noise reduction performance as far as practicable.</p>

Attachments

Schedule 1: General accordance plans and information

Project Description

The proposed work is for the construction, operation, and maintenance of upgrades to Porchester Road between Alfriston Road and Walters Road; and to Popes Road between Takanini School Road and east of Porchester Road. The proposed work is shown in the following Concept Plans and includes:

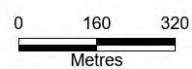
- a) Upgrades of Porchester Road and Popes Road to accommodate general traffic lanes and walking and cycling facilities;
- b) Associated works including intersections, bridges, embankments, retaining walls, culverts, and stormwater management systems;
- c) Reconfiguration of local roads, where the proposed work intersects with local roads; and
- d) Construction activities including vegetation removal, establishment of construction areas and the regrading of driveways.

Concept Plans



LEGEND

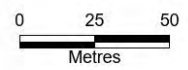
 Designation Boundary





LEGEND

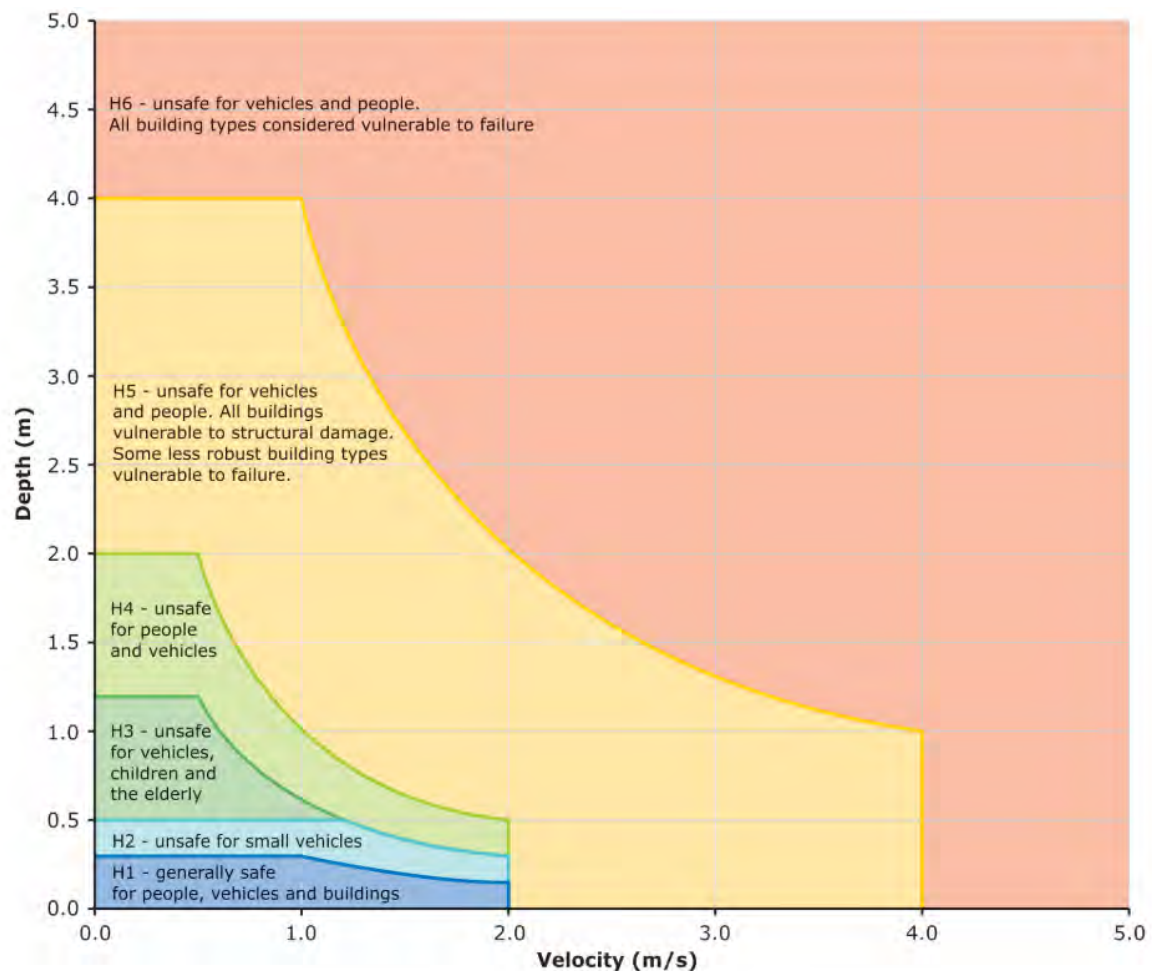
 Designation Boundary



Schedule 2: Flood Hazard Class

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

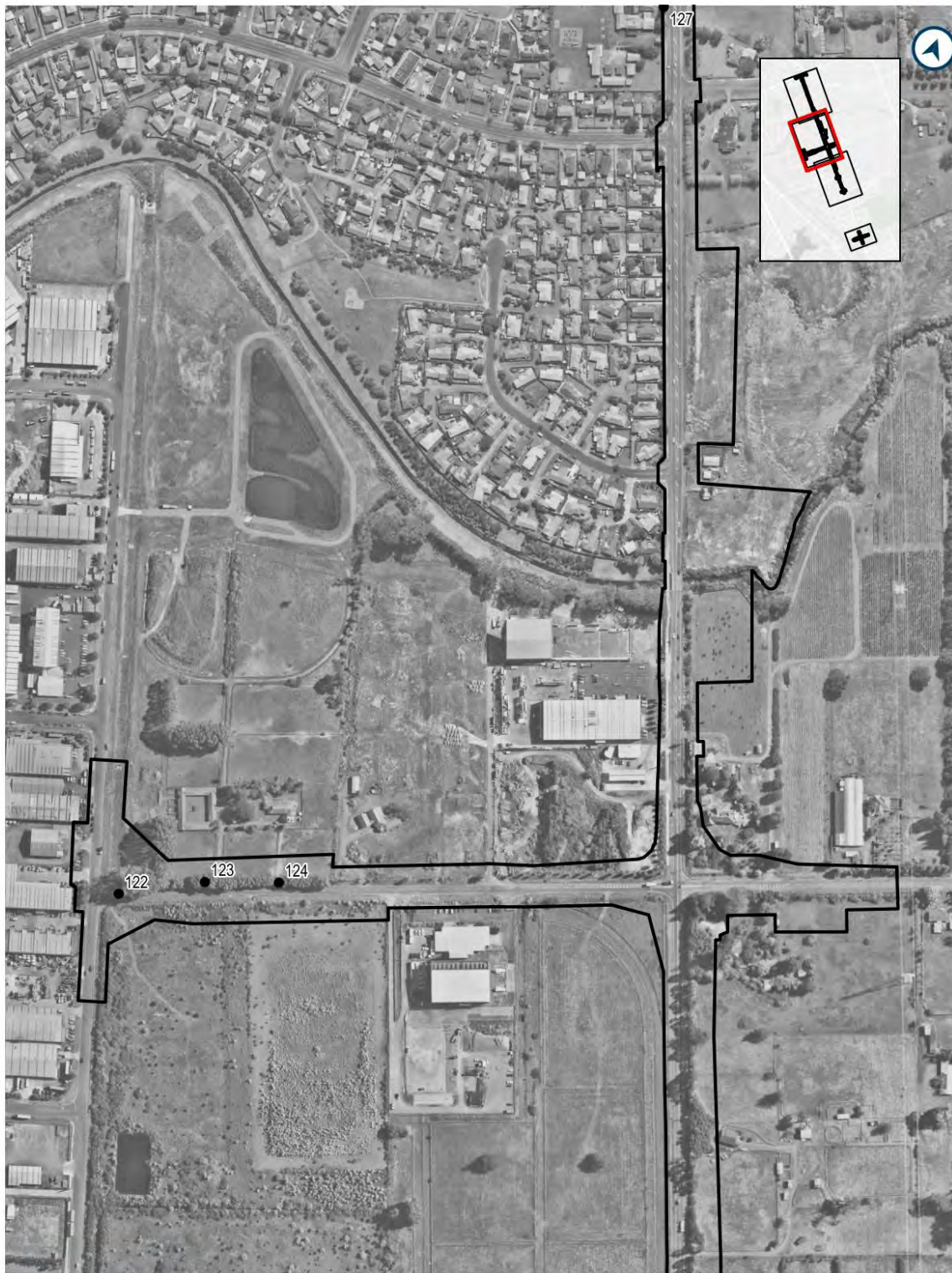
The vulnerability thresholds identified in the flood hazard curves can be applied to the best description of flood behaviour available for a subject site. In this regard, the hazard curves can be applied equally to flood behaviour estimates from measured data, simpler 1D numerical modelling approaches,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



Source: Australian Rainfall and Runoff, Book 6, 2019

Schedule 3: Trees to be included in the Tree Management Plan

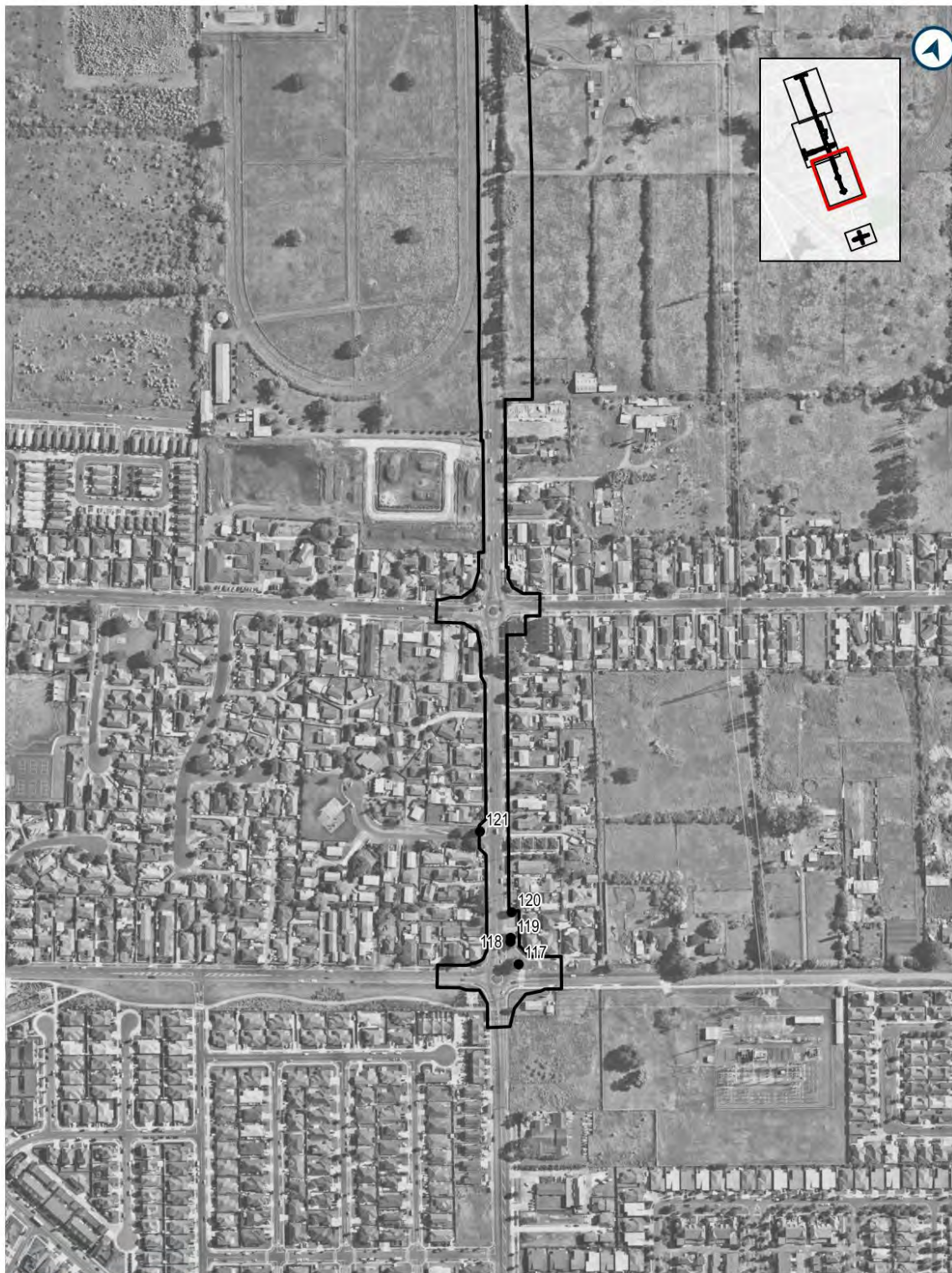
Tree No.	Vegetation Type	Protection	Species
61	Group of Trees	Road Reserve	American sweet gum
62	Group of Trees	Road Reserve	American sweet gum
64	Group of Trees	Road Reserve	American sweet gum
65	Single Tree	Road Reserve	Golden Elm
117	Single Tree	Road Reserve	Pin Oak
118	Single Tree	Road Reserve	Willow
119	Single Tree	Road Reserve	Pin Oak
120	Single Tree	Road Reserve	Willow
121	Single Tree	Road Reserve	Japanese Cedar
122	Group of Trees	Road Reserve	Black Poplar
123	Group of Trees	Road Reserve	Willow
124	Group of Trees	Road Reserve	Willow
127	Single Tree	Road Reserve	Norfolk Island Pine
128	Group of Trees	Road Reserve	Pōhutukawa
131	Group of Trees	Road Reserve	Black Locust
132	Single Tree	Road Reserve	Pōhutukawa
133	Single Tree	Road Reserve	Pōhutukawa



LEGEND

□ Designation Boundary • Tree/Group of Trees

0 50 100
Metres



LEGEND

Designation Boundary • Tree/Group of Trees

0 50 100
Metres



LEGEND

□ Designation Boundary • Tree/Group of Trees

0 40 80
Metres

Schedule 4: Identified PPFs noise criteria categories

Address	New or Altered Road	Noise Criteria Category
7 Giani Court, Manurewa	Altered	Category A
8 Giani Court, Manurewa	Altered	Category A
222 Alfriston Road, Manurewa	Altered	Category C
216 Alfriston Road, Manurewa	Altered	Category C
9-15 Whakarato Way, Takanini	Altered	Category C
224 Alfriston Road, Alfriston	Altered	Category C
214 Alfriston Road, Manurewa	Altered	Category C
7 Sarteano Drive, Manurewa	Altered	Category A
206 Alfriston Road, Manurewa	Altered	Category C
200 Alfriston Road, Manurewa	Altered	Category C
208 Alfriston Road, Manurewa	Altered	Category C
1/263 Porchester Road, Takanini	Altered	Category B
261 Porchester Road, Takanini	Altered	Category B
2 Berwyn Avenue, Takanini	Altered	Category A
295B Porchester Road, Takanini	Altered	Category B
234 Alfriston Road, Alfriston	Altered	Category B
31 Calumet Way, Takanini	Altered	Category A
1-2/299 Porchester Road, Takanini	Altered	Category B
5 Sarteano Drive, Manurewa	Altered	Category A
164A Porchester Road, Papakura	Altered	Category B
238 Alfriston Road, Alfriston	Altered	Category B
2 Bruce Pulman Drive, Takanini	Altered	Category A
526 Porchester Road, Randwick Park	Altered	Category B
446 Porchester Road, Randwick Park	Altered	Category B
17 Sheriff Place, Randwick Park	Altered	Category A
3 Sarteano Drive, Manurewa	Altered	Category A
506 Porchester Road, Randwick Park	Altered	Category B
49 Walters Road, Papakura	Altered	Category A
13 Sheriff Place, Randwick Park	Altered	Category A
1/480 Porchester Road, Randwick Park	Altered	Category B
448 Porchester Road, Randwick Park	Altered	Category B
15 Sheriff Place, Randwick Park	Altered	Category A
1/482 Porchester Road, Randwick Park	Altered	Category B
1/258 Porchester Road, Takanini	Altered	Category B
160 Manuroa Road, Takanini	Altered	Category A
3 Sheriff Place, Randwick Park	Altered	Category A

1-2/286 Porchester Road, Takanini	Altered	Category B
3/286 Porchester Road, Takanini	Altered	Category B
33 Calumet Way, Takanini	Altered	Category A
11 Sheriff Place, Randwick Park	Altered	Category A
168 Porchester Road, Takanini	Altered	Category B
2 Ricardo Court, Manurewa	Altered	Category A
170 Porchester Road, Takanini	Altered	Category B
460 Porchester Road, Randwick Park	Altered	Category B
1 Sarteano Drive, Manurewa	Altered	Category A
472 Porchester Road, Randwick Park	Altered	Category B
2B Sheriff Place, Randwick Park	Altered	Category A
508 Porchester Road, Randwick Park	Altered	Category B
438 Porchester Road, Randwick Park	Altered	Category B
430 Porchester Road, Randwick Park	Altered	Category B
1/281 Porchester Road, Takanini	Altered	Category B
454 Porchester Road, Randwick Park	Altered	Category B
440 Porchester Road, Randwick Park	Altered	Category B
391 Porchester Road, Randwick Park	Altered	Category B
2 Sarteano Drive, Manurewa	Altered	Category B
114 Riverton Drive, Randwick Park	Altered	Category A
172 Porchester Road, Takanini	Altered	Category B
1/277 Porchester Road, Takanini	Altered	Category B
37 Calumet Way, Takanini	Altered	Category A
174 Porchester Road, Takanini	Altered	Category B
432 Porchester Road, Randwick Park	Altered	Category B
129 Riverton Drive, Randwick Park	Altered	Category A
1/474 Porchester Road, Randwick Park	Altered	Category B
49A Walters Road, Papakura	Altered	Category A
1/274 Porchester Road, Takanini	Altered	Category B
1 Sheriff Place, Randwick Park	Altered	Category A
273 Porchester Road, Takanini	Altered	Category B
1/160 Porchester Road, Papakura	Altered	Category B
39 Calumet Way, Takanini	Altered	Category A
494 Porchester Road, Randwick Park	Altered	Category B
56 Airfield Road, Takanini	Altered	Category A
305 Porchester Road, Takanini	Altered	Category B
2A Sheriff Place, Randwick Park	Altered	Category A
176 Porchester Road, Takanini	Altered	Category A

498 Porchester Road, Randwick Park	Altered	Category A
35 Calumet Way, Takanini	Altered	Category A
487 Porchester Road, Randwick Park	Altered	Category A
456 Porchester Road, Randwick Park	Altered	Category A
245 Porchester Road, Takanini	Altered	Category A
1-2/162 Porchester Road, Papakura	Altered	Category A
279 Porchester Road, Takanini	Altered	Category A
1/133 Manuroa Road, Takanini	Altered	Category A
158 Manuroa Road, Takanini	Altered	Category A
2 Sheriff Place, Randwick Park	Altered	Category A
182 Porchester Road, Takanini	Altered	Category A
180 Porchester Road, Takanini	Altered	Category A
178 Porchester Road, Takanini	Altered	Category A
141 Porchester Road, Papakura	Altered	Category A
70 Walters Road, Takanini	Altered	Category A
307-309 Porchester Road, Takanini	Altered	Category A
166A Porchester Road, Papakura	Altered	Category A
2-12 Whakarato Way, Takanini	Altered	Category A
51 Popes Road, Takanini	Altered	Category A
496 Porchester Road, Randwick Park	Altered	Category A
56A Airfield Road, Takanini	Altered	Category A
269 Porchester Road, Takanini	Altered	Category A
15A Phar Lap Crescent, Takanini	Altered	Category A
186 Porchester Road, Takanini	Altered	Category A
166B Porchester Road, Papakura	Altered	Category A
184 Porchester Road, Takanini	Altered	Category A
252A-D Porchester Road, Takanini	Altered	Category A
1-3/150 Porchester Road, Papakura	Altered	Category A
272 Porchester Road, Takanini	Altered	Category A
58 Airfield Road, Takanini	Altered	Category A
255 Porchester Road, Takanini	Altered	Category A
284 Porchester Road, Takanini	Altered	Category A
149 Porchester Road, Takanini	Altered	Category A
2/133 Manuroa Road, Takanini	Altered	Category A
271 Porchester Road, Takanini	Altered	Category A
15 Phar Lap Crescent, Takanini	Altered	Category A
257 Porchester Road, Takanini	Altered	Category A
301 Porchester Road, Takanini	Altered	Category A

423 Porchester Road, Randwick Park	Altered	Category A
267 Porchester Road, Takanini	Altered	Category A
4 Berwyn Avenue, Takanini	Altered	Category A
151 Porchester Road, Takanini	Altered	Category A
458 Porchester Road, Randwick Park	Altered	Category A
260 Porchester Road, Takanini	Altered	Category A
52 Popes Road, Takanini	Altered	Category A
1/268 Porchester Road, Takanini	Altered	Category A
270 Porchester Road, Takanini	Altered	Category A
297A Porchester Road, Takanini	Altered	Category A
145 Porchester Road, Takanini	Altered	Category A
266 Porchester Road, Takanini	Altered	Category A
135 Hyperion Drive, Randwick Park	Altered	Category A
155 Porchester Road, Takanini	Altered	Category A
70A Walters Road, Takanini	Altered	Category A
510 Porchester Road, Randwick Park	Altered	Category A
259 Porchester Road, Takanini	Altered	Category A
147 Porchester Road, Takanini	Altered	Category A
279E Porchester Road, Takanini	Altered	Category A
504 Porchester Road, Randwick Park	Altered	Category A
13 Zoe Court, Manurewa	Altered	Category A
188 Porchester Road, Takanini	Altered	Category A
333 Porchester Road, Takanini	Altered	Category A
511 Porchester Road, Randwick Park	Altered	Category A
2/460 Porchester Road, Randwick Park	Altered	Category A
131 Manuroa Road, Takanini	Altered	Category A
262 Porchester Road, Takanini	Altered	Category A
37 Walters Road, Takanini	Altered	Category A
139A Porchester Road, Papakura	Altered	Category A
157 Porchester Road, Takanini	Altered	Category A
226 Alfriston Road, Alfriston	Altered	Category A
60 Airfield Road, Takanini	Altered	Category A
503 Porchester Road, Randwick Park	Altered	Category A
153 Porchester Road, Takanini	Altered	Category A
1/256 Porchester Road, Takanini	Altered	Category A
35 Walters Road, Takanini	Altered	Category A
54 Airfield Road, Takanini	Altered	Category A
159 Porchester Road, Takanini	Altered	Category A

67 Stratford Road, Manurewa	Altered	Category A
158 Porchester Road, Papakura	Altered	Category A
1 Ricardo Court, Manurewa	Altered	Category A
11 Zoe Court, Manurewa	Altered	Category A
41 Walters Road, Takanini	Altered	Category A
484 Porchester Road, Randwick Park	Altered	Category A
39 Walters Road, Takanini	Altered	Category A
64A Popes Road, Takanini	Altered	Category A
1/460 Porchester Road, Randwick Park	Altered	Category A
190 Porchester Road, Takanini	Altered	Category A
2 Taipan Place, Randwick Park	Altered	Category A
52 Airfield Road, Takanini	Altered	Category A
156 Manuroa Road, Takanini	Altered	Category A
139 Porchester Road, Papakura	Altered	Category A
129 Manuroa Road, Takanini	Altered	Category A
7/460 Porchester Road, Randwick Park	Altered	Category A
3 Arion Road, Takanini	Altered	Category A
8A Berwyn Avenue, Takanini	Altered	Category A
49C Walters Road, Papakura	Altered	Category A
6 Berwyn Avenue, Takanini	Altered	Category A
4 Bruce Pulman Drive, Takanini	Altered	Category A
64 Airfield Road, Takanini	Altered	Category A
228 Alfriston Road, Alfriston	Altered	Category A
65A Stratford Road, Manurewa	Altered	Category A
112 Riverton Drive, Randwick Park	Altered	Category A
2/550S Porchester Road, Randwick Park	Altered	Category A
1/2 Glenburn Place, Papakura	Altered	Category A
463-471 Porchester Road, Randwick Park	Altered	Category A
3 Sires Parkway, Takanini	Altered	Category A
3/460 Porchester Road, Randwick Park	Altered	Category A
133A Manuroa Road, Takanini	Altered	Category A
295C Porchester Road, Takanini	Altered	Category A
33 Walters Road, Takanini	Altered	Category A
13 Phar Lap Crescent, Takanini	Altered	Category A
250A-E Porchester Road, Takanini	Altered	Category A
4 Sarteano Drive, Manurewa	Altered	Category A
154 Manuroa Road, Takanini	Altered	Category A

2/482 Porchester Road, Randwick Park	Altered	Category A
29 Calumet Way, Takanini	Altered	Category A
156A Manuroa Road, Takanini	Altered	Category A
17 Phar Lap Crescent, Takanini	Altered	Category A
2A Popes Road, Takanini	Altered	Category A
236 Alfriston Road, Alfriston	Altered	Category A
311 Porchester Road, Takanini	Altered	Category A
479 Porchester Road, Randwick Park	Altered	Category A
18 Amarillo Place, Manurewa	Altered	Category A
28-34 Biplane Street, Takanini	Altered	Category A
164B Porchester Road, Papakura	Altered	Category A
28 Amarillo Place, Manurewa	Altered	Category A
2C Sheriff Place, Randwick Park	Altered	Category A
1 Giani Court, Manurewa	Altered	Category A
5 Giani Court, Manurewa	Altered	Category A
8 Berwyn Avenue, Takanini	Altered	Category A
127 Riverton Drive, Randwick Park	Altered	Category A
26 Amarillo Place, Manurewa	Altered	Category A
6 Giani Court, Manurewa	Altered	Category A
1A Berwyn Avenue, Takanini	Altered	Category A
438A Porchester Road, Randwick Park	Altered	Category A
1/490 Porchester Road, Randwick Park	Altered	Category A
170 Alfriston Road, Manurewa	Altered	Category A
127 Manuroa Road, Takanini	Altered	Category A
289 Porchester Road, Takanini	Altered	Category A
210 Alfriston Road, Manurewa	Altered	Category A
66 Airfield Road, Takanini	Altered	Category A
2/263 Porchester Road, Takanini	Altered	Category A
1 Senator Drive, Manurewa	Altered	Category A
152 Manuroa Road, Takanini	Altered	Category A
125A-F Manuroa Road, Takanini	Altered	Category A
192 Porchester Road, Takanini	Altered	Category A
6 Sarteano Drive, Manurewa	Altered	Category A
26 Biplane Street, Takanini	Altered	Category A
12 Nerissa Place, Randwick Park	Altered	Category A
2 Popes Road, Takanini	Altered	Category A
110 Hyperion Drive, Randwick Park	Altered	Category A
4/460 Porchester Road, Randwick Park	Altered	Category A

2/154 Manuroa Road, Takanini	Altered	Category A
1-2/3 Berwyn Avenue, Takanini	Altered	Category A
5/460 Porchester Road, Randwick Park	Altered	Category A
2/274 Porchester Road, Takanini	Altered	Category A
135 Porchester Road, Papakura	Altered	Category A
73 Popes Road, Takanini	Altered	Category A
110 Riverton Drive, Randwick Park	Altered	Category A
194 Porchester Road, Takanini	Altered	Category A
1/50 Airfield Road, Takanini	Altered	Category A
301A Porchester Road, Takanini	Altered	Category A
19 Phar Lap Crescent, Takanini	Altered	Category A
123 Riverton Drive, Randwick Park	Altered	Category A
3 Ricardo Court, Manurewa	Altered	Category A
3 Giani Court, Manurewa	Altered	Category A
2/474 Porchester Road, Randwick Park	Altered	Category A
4 Sires Parkway, Takanini	Altered	Category A
4B Berwyn Avenue, Takanini	Altered	Category A
140 Porchester Road, Papakura	Altered	Category A
29 Foxlaw Street, Randwick Park	Altered	Category A
3 Taipan Place, Randwick Park	Altered	Category A
5 Sheriff Place, Randwick Park	Altered	Category A
19B Phar Lap Crescent, Takanini	Altered	Category A
4A Berwyn Avenue, Takanini	Altered	Category A
212 Alfriston Road, Manurewa	Altered	Category A
6 Sheriff Place, Randwick Park	Altered	Category A
297B Porchester Road, Takanini	Altered	Category A
165 Porchester Road, Takanini	Altered	Category A
169 Alfriston Road, Manurewa	Altered	Category A
196 Porchester Road, Takanini	Altered	Category A
2/156 Porchester Road, Papakura	Altered	Category A
8B Berwyn Avenue, Takanini	Altered	Category A
14A Berwyn Avenue, Takanini	Altered	Category A
202 Alfriston Road, Manurewa	Altered	Category A
8 Sarteano Drive, Manurewa	Altered	Category A
125 Riverton Drive, Randwick Park	Altered	Category A
150 Manuroa Road, Takanini	Altered	Category A
2/480 Porchester Road, Randwick Park	Altered	Category A
167 Alfriston Road, Manurewa	Altered	Category A

4 Sheriff Place, Randwick Park	Altered	Category A
204 Alfriston Road, Manurewa	Altered	Category A
4 Giani Court, Manurewa	Altered	Category A
150A Manuroa Road, Takanini	Altered	Category A
15 Zoe Court, Manurewa	Altered	Category A
6A Sheriff Place, Randwick Park	Altered	Category A
133 Hyperion Drive, Randwick Park	Altered	Category A
41 Calumet Way, Takanini	Altered	Category A
1/478 Porchester Road, Randwick Park	Altered	Category A
1/5 Berwyn Avenue, Takanini	Altered	Category A
21 Phar Lap Crescent, Takanini	Altered	Category A
3/263 Porchester Road, Takanini	Altered	Category A
4 Ricardo Court, Manurewa	Altered	Category A
151A Porchester Road, Takanini	Altered	Category A
4A Sheriff Place, Randwick Park	Altered	Category A
149A Porchester Road, Takanini	Altered	Category A
198 Porchester Road, Takanini	Altered	Category A
10 Sarteano Drive, Manurewa	Altered	Category A
10 Amarillo Place, Manurewa	Altered	Category A
167 Porchester Road, Takanini	Altered	Category A
65 Stratford Road, Manurewa	Altered	Category A
11 Civita Court, Manurewa	Altered	Category A
1/282 Porchester Road, Takanini	Altered	Category A
8/460 Porchester Road, Randwick Park	Altered	Category A
6 Bruce Pulman Drive, Takanini	Altered	Category A
6 Abilene Place, Manurewa	Altered	Category A
281 Porchester Road, Takanini	Altered	Category A
12 Berwyn Avenue, Takanini	Altered	Category A
148A Manuroa Road, Takanini	Altered	Category A
2 Giani Court, Manurewa	Altered	Category A
230 Alfriston Road, Alfriston	Altered	Category A
19 Sheriff Place, Randwick Park	Altered	Category A
108 Hyperion Drive, Randwick Park	Altered	Category A
133 Porchester Road, Papakura	Altered	Category A
1-2/14 Nerissa Place, Randwick Park	Altered	Category A
48 Airfield Road, Takanini	Altered	Category A
248D Porchester Road, Takanini	Altered	Category A
2/258 Porchester Road, Takanini	Altered	Category A

11 Phar Lap Crescent, Takanini	Altered	Category A
2-14 Windfolia Parkway, Takanini	Altered	Category A
434 Porchester Road, Randwick Park	Altered	Category A
2/282 Porchester Road, Takanini	Altered	Category A
131 Porchester Road, Papakura	Altered	Category A
2/2 Glenburn Place, Papakura	Altered	Category A
9 Abilene Place, Manurewa	Altered	Category A
137 Porchester Road, Papakura	Altered	Category A
248C Porchester Road, Takanini	Altered	Category A
10 Abilene Place, Manurewa	Altered	Category A
56B Airfield Road, Takanini	Altered	Category A
121 Riverton Drive, Randwick Park	Altered	Category A
239A Porchester Road, Takanini	Altered	Category A
1/46 Airfield Road, Takanini	Altered	Category A
131 Hyperion Drive, Randwick Park	Altered	Category A
169 Porchester Road, Takanini	Altered	Category A
31 Walters Road, Takanini	Altered	Category A
25 Calumet Way, Takanini	Altered	Category A
49B Walters Road, Papakura	Altered	Category A
115 Riverton Drive, Randwick Park	Altered	Category A
108 Riverton Drive, Randwick Park	Altered	Category A
20 Biplane Street, Takanini	Altered	Category A
303 Porchester Road, Takanini	Altered	Category A
248B Porchester Road, Takanini	Altered	Category A
23 Phar Lap Crescent, Takanini	Altered	Category A
47 Foxlaw Street, Randwick Park	Altered	Category A
121 Manuroa Road, Takanini	Altered	Category A
17 Zoe Court, Manurewa	Altered	Category A
27 Calumet Way, Takanini	Altered	Category A
1/476 Porchester Road, Randwick Park	Altered	Category A
171 Porchester Road, Takanini	Altered	Category A
64 Popes Road, Takanini	Altered	Category A
9 Sheriff Place, Randwick Park	Altered	Category A
4/263 Porchester Road, Takanini	Altered	Category A
23 Calumet Way, Takanini	Altered	Category A
490 Porchester Road, Randwick Park	Altered	Category A
27 Walters Road, Takanini	Altered	Category A
1/6 Berwyn Avenue, Takanini	Altered	Category A

1/1 Clarice Place, Takanini	Altered	Category A
5 Ricardo Court, Manurewa	Altered	Category A
8 Abilene Place, Manurewa	Altered	Category A
52A Airfield Road, Takanini	Altered	Category A
428 Porchester Road, Randwick Park	Altered	Category A
1-2/7 Berwyn Avenue, Takanini	Altered	Category A
5 Arion Road, Takanini	Altered	Category A
7 Sheriff Place, Randwick Park	Altered	Category A
6 Ricardo Court, Manurewa	Altered	Category A
63B Stratford Road, Manurewa	Altered	Category A
2/268 Porchester Road, Takanini	Altered	Category A
279A Porchester Road, Takanini	Altered	Category A
259A Porchester Road, Takanini	Altered	Category A
19 Zoe Court, Manurewa	Altered	Category A
2A Clarice Place, Takanini	Altered	Category A
200 Porchester Road, Takanini	Altered	Category A
45 Foxlaw Street, Randwick Park	Altered	Category A
248A Porchester Road, Takanini	Altered	Category A
6/460 Porchester Road, Randwick Park	Altered	Category A
106 Hyperion Drive, Randwick Park	Altered	Category A
173 Porchester Road, Takanini	Altered	Category A
43 Calumet Way, Takanini	Altered	Category A
9 Phar Lap Crescent, Takanini	Altered	Category A
43 Walters Road, Takanini	Altered	Category A
436 Porchester Road, Randwick Park	Altered	Category A
158A Porchester Road, Papakura	Altered	Category A
130 Porchester Road, Papakura	Altered	Category A
2/160 Porchester Road, Papakura	Altered	Category A
4B Sheriff Place, Randwick Park	Altered	Category A
14E Berwyn Avenue, Takanini	Altered	Category A
12 Abilene Place, Manurewa	Altered	Category A
478 Porchester Road, Randwick Park	Altered	Category A
16 Amarillo Place, Manurewa	Altered	Category A
263A Porchester Road, Takanini	Altered	Category A
271A Porchester Road, Takanini	Altered	Category A
117 Riverton Drive, Randwick Park	Altered	Category A
18 Biplane Street, Takanini	Altered	Category A
23A Phar Lap Crescent, Takanini	Altered	Category A

14D Berwyn Avenue, Takanini	Altered	Category A
6B Sheriff Place, Randwick Park	Altered	Category A
60A Airfield Road, Takanini	Altered	Category A
2 Clarice Place, Takanini	Altered	Category A
279D Porchester Road, Takanini	Altered	Category A
42A Airfield Road, Takanini	Altered	Category A
19 Calumet Way, Takanini	Altered	Category A
297C Porchester Road, Takanini	Altered	Category A
76 Popes Road, Takanini	Altered	Category A
78 Popes Road, Takanini	Altered	Category A
2/256 Porchester Road, Takanini	Altered	Category A
29A Phar Lap Crescent, Takanini	Altered	Category A
19A Phar Lap Crescent, Takanini	Altered	Category A
2/277 Porchester Road, Takanini	Altered	Category A
106 Riverton Drive, Randwick Park	Altered	Category A
62 Airfield Road, Takanini	Altered	Category A
27 Foxlaw Street, Randwick Park	Altered	Category A
1/276 Porchester Road, Takanini	Altered	Category A
476 Porchester Road, Randwick Park	Altered	Category A
21 Sheriff Place, Randwick Park	Altered	Category A
2/280 Porchester Road, Takanini	Altered	Category A
7 Abilene Place, Manurewa	Altered	Category A
7 Ricardo Court, Manurewa	Altered	Category A
444 Porchester Road, Randwick Park	Altered	Category A
2/260 Porchester Road, Takanini	Altered	Category A
8 Bruce Pulman Drive, Takanini	Altered	Category A
24 Amarillo Place, Manurewa	Altered	Category A
4C Sheriff Place, Randwick Park	Altered	Category A
25 Phar Lap Crescent, Takanini	Altered	Category A
8 Amarillo Place, Manurewa	Altered	Category A
11A/B Dittmer Place, Papakura	Altered	Category A
8 Ricardo Court, Manurewa	Altered	Category A
4 Abilene Place, Manurewa	Altered	Category A
7 Phar Lap Crescent, Takanini	Altered	Category A
1/280 Porchester Road, Takanini	Altered	Category A
21 Zoe Court, Manurewa	Altered	Category A
13-17 Biplane Street, Takanini	Altered	Category A
265 Porchester Road, Takanini	Altered	Category A

129 Hyperion Drive, Randwick Park	Altered	Category A
5 Abilene Place, Manurewa	Altered	Category A
68 Airfield Road, Takanini	Altered	Category A
279C Porchester Road, Takanini	Altered	Category A
25 Walters Road, Takanini	Altered	Category A
49 Foxlaw Street, Randwick Park	Altered	Category A
25 Sheriff Place, Randwick Park	Altered	Category A
21 Calumet Way, Takanini	Altered	Category A
248E Porchester Road, Takanini	Altered	Category A
14 Amarillo Place, Manurewa	Altered	Category A
3/258 Porchester Road, Takanini	Altered	Category A
119 Riverton Drive, Randwick Park	Altered	Category A
33A Walters Road, Takanini	Altered	Category A
104 Hyperion Drive, Randwick Park	Altered	Category A
442 Porchester Road, Randwick Park	Altered	Category A
4 Clarice Place, Takanini	Altered	Category A
16 Nerissa Place, Randwick Park	Altered	Category A
1/278 Porchester Road, Takanini	Altered	Category A
63A Stratford Road, Manurewa	Altered	Category A
13B Clarice Place, Takanini	Altered	Category A
12 Sarteano Drive, Manurewa	Altered	Category A
127 Hyperion Drive, Randwick Park	Altered	Category A
17 Calumet Way, Takanini	Altered	Category A
452 Porchester Road, Randwick Park	Altered	Category A
148 Manuroa Road, Takanini	Altered	Category A
27 Sheriff Place, Randwick Park	Altered	Category A
450 Porchester Road, Randwick Park	Altered	Category A
31 Foxlaw Street, Randwick Park	Altered	Category A
273A Porchester Road, Takanini	Altered	Category A
35 Foxlaw Street, Randwick Park	Altered	Category A
23 Sheriff Place, Randwick Park	Altered	Category A
45 Walters Road, Takanini	Altered	Category A
23 Walters Road, Takanini	Altered	Category A
37A Walters Road, Takanini	Altered	Category A
1/4 Glenburn Place, Papakura	Altered	Category A
21A Phar Lap Crescent, Takanini	Altered	Category A
20 Amarillo Place, Manurewa	Altered	Category A
44 Airfield Road, Takanini	Altered	Category A

24 Calumet Way, Takanini	Altered	Category A
279B Porchester Road, Takanini	Altered	Category A
12 Amarillo Place, Manurewa	Altered	Category A
2/1 Clarice Place, Takanini	Altered	Category A
31A Phar Lap Crescent, Takanini	Altered	Category A
17A Nerissa Place, Randwick Park	Altered	Category A
25 Foxlaw Street, Randwick Park	Altered	Category A
2/50 Airfield Road, Takanini	Altered	Category A
49 Sheriff Place, Randwick Park	Altered	Category A
22 Amarillo Place, Manurewa	Altered	Category A
49E Walters Road, Papakura	Altered	Category A
109 Riverton Drive, Randwick Park	Altered	Category A
5 Phar Lap Crescent, Takanini	Altered	Category A
3 Phar Lap Crescent, Takanini	Altered	Category A
3 Clarice Place, Takanini	Altered	Category A
7 Arion Road, Takanini	Altered	Category A
35 Sheriff Place, Randwick Park	Altered	Category A
33A Phar Lap Crescent, Takanini	Altered	Category A
2/276 Porchester Road, Takanini	Altered	Category A
76 Airfield Road, Takanini	Altered	Category A
2/278 Porchester Road, Takanini	Altered	Category A
2/2 Clarice Place, Takanini	Altered	Category A
47 Sheriff Place, Randwick Park	Altered	Category A
9 Zoe Court, Manurewa	Altered	Category A
19 Yatterina Avenue, Takanini	Altered	Category A
8 Sheriff Place, Randwick Park	Altered	Category A
51 Foxlaw Street, Randwick Park	Altered	Category A
6 Amarillo Place, Manurewa	Altered	Category A
63C Stratford Road, Manurewa	Altered	Category A
29 Sheriff Place, Randwick Park	Altered	Category A
7 Zoe Court, Manurewa	Altered	Category A
10A/B Dittmer Place, Papakura	Altered	Category A
1/140 Manuroa Road, Takanini	Altered	Category A
4 Amarillo Place, Manurewa	Altered	Category A
11B Clarice Place, Takanini	Altered	Category A
10 Berwyn Avenue, Takanini	Altered	Category A
53 Foxlaw Street, Randwick Park	Altered	Category A
49D Walters Road, Papakura	Altered	Category A

74 Airfield Road, Takanini	Altered	Category A
33 Foxlaw Street, Randwick Park	Altered	Category A
12 Bruce Pulman Drive, Takanini	Altered	Category A
25A Phar Lap Crescent, Takanini	Altered	Category A
15 Nerissa Place, Randwick Park	Altered	Category A
23 Zoe Court, Manurewa	Altered	Category A
1-2/9 Berwyn Avenue, Takanini	Altered	Category A
16B Nerissa Place, Randwick Park	Altered	Category A
123 Manuroa Road, Takanini	Altered	Category A
5 Zoe Court, Manurewa	Altered	Category A
20 Calumet Way, Takanini	Altered	Category A
29 Phar Lap Crescent, Takanini	Altered	Category A
15A Nerissa Place, Randwick Park	Altered	Category A
49F Walters Road, Papakura	Altered	Category A
2/5 Berwyn Avenue, Takanini	Altered	Category A
113 Riverton Drive, Randwick Park	Altered	Category A
9 Glenburn Place, Papakura	Altered	Category A
1-2/13 Nerissa Place, Randwick Park	Altered	Category A
8A Sheriff Place, Randwick Park	Altered	Category A
7 Clarice Place, Takanini	Altered	Category A
13 Calumet Way, Takanini	Altered	Category A
12 Dittmer Place, Papakura	Altered	Category A
45 Sheriff Place, Randwick Park	Altered	Category A
43 Foxlaw Street, Randwick Park	Altered	Category A
2/4 Clarice Place, Takanini	Altered	Category A
41 Foxlaw Street, Randwick Park	Altered	Category A
10 Bruce Pulman Drive, Takanini	Altered	Category A
37 Sheriff Place, Randwick Park	Altered	Category A
11 Calumet Way, Takanini	Altered	Category A
9 Clarice Place, Takanini	Altered	Category A
15 Calumet Way, Takanini	Altered	Category A
17 Nerissa Place, Randwick Park	Altered	Category A
51 Sheriff Place, Randwick Park	Altered	Category A
1/6 Glenburn Place, Papakura	Altered	Category A
10 Nerissa Place, Randwick Park	Altered	Category A
67 Sheriff Place, Randwick Park	Altered	Category A
2/5 Clarice Place, Takanini	Altered	Category A
11A Clarice Place, Takanini	Altered	Category A

6A Braeburn Place, Takanini	Altered	Category A
123A Manuroa Road, Takanini	Altered	Category A
65 Sheriff Place, Randwick Park	Altered	Category A
24 Biplane Street, Takanini	Altered	Category A
2/8 Nerissa Place, Randwick Park	Altered	Category A
37A Phar Lap Crescent, Takanini	Altered	Category A
39 Foxlaw Street, Randwick Park	Altered	Category A
53 Sheriff Place, Randwick Park	Altered	Category A
69 Sheriff Place, Randwick Park	Altered	Category A
71 Sheriff Place, Randwick Park	Altered	Category A
18 Calumet Way, Takanini	Altered	Category A
2-3/46 Airfield Road, Takanini	Altered	Category A
4 Braeburn Place, Takanini	Altered	Category A
1/5 Clarice Place, Takanini	Altered	Category A
12A Berwyn Avenue, Takanini	Altered	Category A
17 Yatterina Avenue, Takanini	Altered	Category A
14 Phar Lap Crescent, Takanini	Altered	Category A
37A Foxlaw Street, Randwick Park	Altered	Category A
121A Manuroa Road, Takanini	Altered	Category A
5 Civita Court, Manurewa	Altered	Category A
17 Sarteano Drive, Manurewa	Altered	Category A
18 Yatterina Avenue, Takanini	Altered	Category A
22 Calumet Way, Takanini	Altered	Category A
21 Sarteano Drive, Manurewa	Altered	Category A
61 Stratford Road, Manurewa	Altered	Category A
31 Phar Lap Crescent, Takanini	Altered	Category A
8 Clarice Place, Takanini	Altered	Category A
19 Sarteano Drive, Manurewa	Altered	Category A
7 Glenburn Place, Papakura	Altered	Category A
73 Sheriff Place, Randwick Park	Altered	Category A
6 Clarice Place, Takanini	Altered	Category A
55 Foxlaw Street, Randwick Park	Altered	Category A
11 Biplane Street, Takanini	Altered	Category A
3A Glenburn Place, Papakura	Altered	Category A
16 Phar Lap Crescent, Takanini	Altered	Category A
5 Glenburn Place, Papakura	Altered	Category A
35A Phar Lap Crescent, Takanini	Altered	Category A
33 Phar Lap Crescent, Takanini	Altered	Category A

2/8 Clarice Place, Takanini	Altered	Category A
41A Phar Lap Crescent, Takanini	Altered	Category A
4 Phar Lap Crescent, Takanini	Altered	Category A
7 Civita Court, Manurewa	Altered	Category A
3 Glenburn Place, Papakura	Altered	Category A
125 Hyperion Drive, Randwick Park	Altered	Category A
63 Stratford Road, Manurewa	Altered	Category A
12 Phar Lap Crescent, Takanini	Altered	Category A
22 Biplane Street, Takanini	Altered	Category A
18 Phar Lap Crescent, Takanini	Altered	Category A
14C Berwyn Avenue, Takanini	Altered	Category A
2 Braeburn Place, Takanini	Altered	Category A
15 Yatterina Avenue, Takanini	Altered	Category A
6 Braeburn Place, Takanini	Altered	Category A
7 Sires Parkway, Takanini	Altered	Category A
10 Phar Lap Crescent, Takanini	Altered	Category A
8 Dittmer Place, Papakura	Altered	Category A
35 Phar Lap Crescent, Takanini	Altered	Category A
44A Airfield Road, Takanini	Altered	Category A
10 Braeburn Place, Takanini	Altered	Category A
39A Phar Lap Crescent, Takanini	Altered	Category A
3 Senator Drive, Manurewa	Altered	Category A
9 Biplane Street, Takanini	Altered	Category A
9 Civita Court, Manurewa	Altered	Category A
1/8 Glenburn Place, Papakura	Altered	Category A
41 Phar Lap Crescent, Takanini	Altered	Category A
20 Phar Lap Crescent, Takanini	Altered	Category A
3 Civita Court, Manurewa	Altered	Category A
14B Berwyn Avenue, Takanini	Altered	Category A
8 Braeburn Place, Takanini	Altered	Category A
16 Biplane Street, Takanini	Altered	Category A
6 Dittmer Place, Papakura	Altered	Category A
13 Yatterina Avenue, Takanini	Altered	Category A
132 Porchester Road, Papakura	Altered	Category A
37 Phar Lap Crescent, Takanini	Altered	Category A
42 Airfield Road, Takanini	Altered	Category A
6 Phar Lap Crescent, Takanini	Altered	Category A
43 Phar Lap Crescent, Takanini	Altered	Category A

12 Biplane Street, Takanini	Altered	Category A
140G Porchester Road, Papakura 2110	Altered	Category A
39 Phar Lap Crescent, Takanini	Altered	Category A
14 Bruce Pulman Drive, Takanini	Altered	Category A
5 Senator Drive, Manurewa	Altered	Category A
2/4 Glenburn Place, Papakura	Altered	Category A
2/6 Glenburn Place, Papakura	Altered	Category A
8 Phar Lap Crescent, Takanini	Altered	Category A
43A Phar Lap Crescent, Takanini	Altered	Category A
1/20 Tironui Station Road East, Papakura	Altered	Category A
1/3 Braeburn Place, Takanini	Altered	Category A
5 Sires Parkway, Takanini	Altered	Category A
5 Braeburn Place, Takanini	Altered	Category A
47A Phar Lap Crescent, Takanini	Altered	Category A
36 Airfield Road, Takanini	Altered	Category A
2/20 Tironui Station Road East, Papakura	Altered	Category A
130A Porchester Road, Papakura	Altered	Category A
45A Phar Lap Crescent, Takanini	Altered	Category A
9 Calumet Way, Takanini	Altered	Category A
45 Phar Lap Crescent, Takanini	Altered	Category A
127-129 Porchester Road, Papakura	Altered	Category A
49 Phar Lap Crescent, Takanini	Altered	Category A
49A Phar Lap Crescent, Takanini	Altered	Category A
47 Phar Lap Crescent, Takanini	Altered	Category A
7 Calumet Way, Takanini	Altered	Category A
51 Phar Lap Crescent, Takanini	Altered	Category A
51A Phar Lap Crescent, Takanini	Altered	Category A
21 Walters Road, Takanini	Altered	Category A
128 Porchester Road, Papakura	Altered	Category A

PPF Location Plans



Data: Esri/ArcGIS, 18/12/2024

Map: 11/20/2024/170027/Design/ Data Processing/SSP/Map 122_TLC_Aerial_Mapping_S03_Feature_Like_Covering_Aerials.apx

Aerial imagery supplied by Neatmap Australia Pty Ltd

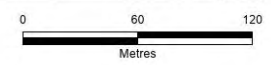
LEGEND

- Protected Premises and Facilities within the NZS 6806 assessment area
- Designation Boundary

This map contains data derived in part or wholly from sources other than those party to the Supporting Growth Alliance, and therefore, no representations or warranties are made by those party to the Supporting Growth Alliance as to the accuracy or completeness of this information.

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Date: 18/01/2024

Page: 11 (31/01/2024) Project: Data Processing 550 Hwy 122, T.C. Access, Mapping SGA, Traction, Lifting, Cracking, Assessment

LEGEND

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- Designation Boundary

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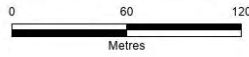
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Date Expiry: 18/12/2024

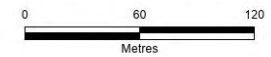
Page: 11 (31/10/2024) 17:00:21 Design: Data Processing \$501 Hwy 172, T.L.C. Assets, Mapping Sub, Tasking, Layout, Overlay, Assembly, etc.

LEGEND

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LEGEND

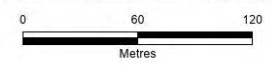
Protected Premises and Facilities within the NZS 6806 assessment area

Designation Boundary

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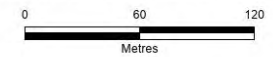
LEGEND

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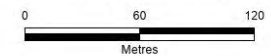


LEGEND

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Attachment B

**Auckland Transport South Schedule and designation
conditions 1851 Great South Road Upgrade (Drury Section)
(Strikethrough/Underscore)**

Designation Schedule - Auckland Transport (3/3)

South

Number	Description	Location
1800	Lapsed	
1801	Lapsed	
1802	Road widening	128 Ormiston Road, Flat Bush
1804	Public off-street parking ...	143 Pakuranga Road, Pakuranga
1805	Car park and service lane	20 and 24 Uxbridge Road, Howick
1806	Road widening	109 and 129 Beachlands Road, 373, 460, 465, 469, 482, 492, 509, 529, 533, 600, 601-605, 639, 645-651, 650, 691, 702, 712, 722, 732, 746, 751, 758, 770, 781, 824, 830, 855, 865-867 and 897 Whitford-Maraetai Road and 49 and 110A Jack Lachlan Drive, Whitford (Stages 5, 6 and 7)
1807	New road (Whitford Bypass)	40, 51, 54, 58, 83, 133, 172, 173, 201, 227, 231, 230, 232, 238, 250, 257, 284, 330, 371, 374, 376 and 385 Whitford Park Road, 2, 21, 35, 91, 97, 101 and 401 Trig Road, 18, 24 and 30 Saleyard Road, 500 Brookby Road, 53 Polo Lane, 1 and 2 Turanga Road, 49 Clifton Road and 46, 53R, 104R, 109, 130, 150, 186, 299, 373 and 404 Whitford-Maraetai Road (Stages 1, 2, 3 and 4)
1808	Road widening	Ormiston Road and Chapel Road, Flat Bush
1809	Road widening	2, 5, 17, 22-38, 47-59, 56-60 and 67 Allens Road, 3-9 Smales Road, 1 and 2 Harris Road, 2 Ross Reid Place and 61 Sir William Avenue, East Tamaki
1810	Car parking asset	24 Hall St, Pukekohe
1811	Public off-street parking ...	27 Moore Street, Howick
1812	Public off-street parking ...	4 Tobin Street, Pukekohe
1813	Public off-street parking ...	21 Wallace Road, Papatoetoe
1814	Withdrawn	
1815	Withdrawn	
1816	Public off-street parking ...	27 Charles Street, Papatoetoe
1817	Public off-street parking ...	2 Davies Avenue, Manukau
1818	Withdrawn	
1819	Public off-street parking ...	41 Moore Street (Fencible Drive), Howick
1820	Public off-street parking ...	1-13 Maich Road, Papakura
1821	Public off-street parking ...	26-32 O'Shannessy Street, Papakura
1822	Public off-street parking ...	8 Davies Avenue, Manukau
1823	Public off-street parking ...	37 Coles Crescent, Papakura
1824	Public off-street parking ...	15 Eric Baker Place, Papatoetoe
1825	Withdrawn	

1826	Public off-street parking ...	1R Newbury Street, Otara
1827	Public off-street parking ...	21 Shirley Road, Papatoetoe
1828	Public off-street parking ...	9 Wellington Street (Picton Street), Howick
1829	Public off-street parking ...	7 Massey Avenue, Pukekohe
1830	Public off-street parking ...	4 Wellington Street, Howick
1831	Public off-street parking ...	1-49 Waddon Place and 121 Bader Drive, Mangere
1832	Public off-street parking ...	Constable Road (corner King Street), Waiuku
1833	Road widening	Flat Bush School Road and Murphys Road, Flat Bush
1834	Road widening	21 and 39 Flat Bush School Road and 66 Thomas Road, Flat Bush
1835	Upgrade intersection at East Tamaki, Ormiston and Preston Roads in Otara	267Z, 279, 279A, 279B, 279C, 279D, 279E, 279F, 279G, 279H, 279I, 283, 285 and 287 East Tamaki Road, 2, 4, 6, 1/6, 2/6, 3/6, 4/6, 5/6, 6/6, 7/6, 8/6 and 8 Ormiston Road and 208, 208A and 243 Preston Road
1836	The purpose of the designation is to enable the Requiring Authority to widen and upgrade the Redoubt Road-Mill Road Corridor. The public works are required in order to provide future corridor capacity to support growth identified within the Takanini and wider southern area and provide an alternate north/south corridor to State Highway 1.	Parts of Redoubt Road, Mill Road and Murphy's Road
1837	Construction, operation and maintenance of an arterial transport corridor	Ponga Road and Ōpāheke Road from Jack Paterson Road intersection to Settlement Road intersection
1838	Construction, operation and maintenance of an arterial transport corridor.	Waihoehoe Road east of Fitzgerald Road to Drury Hills Road
1839	Construction, operation and maintenance of an arterial transport corridor.	Land between Hunua Road and Waihoehoe Road
1840	Construction, operation and maintenance of an arterial transport corridor	Land between Jesmond Road and Waihoehoe Road West
1841	Construction, operation, and maintenance of the Eastern Busway Stage 2.	EB2 is located at Pakuranga Town Centre and encompasses works on Ti Rakau Drive, Pakuranga Road, Reeves Road, Cortina Place and the South-Eastern Highway (SEART).

1842	Construction, operation and maintenance of an upgrade to Puhinui Road between Plunket Avenue and the SH20/20B Interchange for a BRT corridor, walking and cycling facilities and associated infrastructure.	Puhinui Station (in the vicinity of Plunket Avenue) to SH20/20B Interchange
1843	Construction, operation and maintenance of an extension to Puhinui Road between the SH20/20B Interchange and Orrs Road for a BRT corridor, walking and cycling facilities and associated infrastructure.	SH20/20B Interchange to Orrs Road
1844	The construction, operation, and maintenance of a transport corridor.	From the intersection of State Highway 22 and Jesmond Road to the edge of the Future Urban Zone near Runciman Road, Drury.
1845	The construction, operation, and maintenance of transport corridors.	Between the two extents of Sim Road, Paerata across the North Island Main Trunk Rail Line and between Paerata Rail Station and Sim Road, Paerata.
1846	The construction, operation, and maintenance of a new transport corridor.	Between State Highway 22 and Pukekohe East Road.
1847	The construction, operation, and maintenance of an existing transport corridor.	Between Helvetia Road and Svendsen Road.
1848	The construction, operation, and maintenance of a new transport corridor.	Between Helvetia Road and State Highway 22.
1849	Construction, operation and maintenance of the Eastern Busway Stage 3 Commercial (EB3C).	B3C is located in Pakūranga, Burswood and East Tāmaki, from Riverhills Park, through Burswood Drive (west) to Burswood Drive (east), Burswood Esplanade Reserve to Ti Rakau Drive, East Tāmaki.
1850	Construction, operation and maintenance of the Eastern Busway Stage 4 Link (EB4L).	EB4L is located in East Tāmaki from Ti Rakau Drive, from Guys Reserve and Whaka Maumahara to Te Irirangi Drive, Botany.
<u>1851</u>	<u>To construct, operate and maintain upgrades to an arterial transport corridor and associated infrastructure</u>	<u>Great South Road in Drury between Waihoehoe Road and the State Highway 1 Drury Interchange</u>

1851 Great South Road Upgrade (Drury Section)

<u>Designation Number</u>	<u>1851</u>
<u>Requiring Authority</u>	<u>Auckland Transport</u>
<u>Location</u>	<u>Great South Road in Drury between Waihoehoe Road and the State Highway 1 Drury Interchange</u>
<u>Lapse Date</u>	<u>In accordance with section 184(1)(c) of the RMA, this designation shall lapse if not given effect to within 10 years from the date on which it is included in the AUP.</u>

Purpose

To construct, operate and maintain upgrades to an arterial transport corridor and associated infrastructure

Conditions

Abbreviations and definitions

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

<u>Council</u>	<u>Auckland Council</u>
<u>CTMP</u>	<u>Construction Traffic Management Plan</u>
<u>Developer</u>	<u>Any legal entity that intends to master plan or develop land adjacent to the designation.</u>
<u>Development Agency</u>	<u>Public entities involved in development projects.</u>
<u>Educational Facility</u>	<p><u>Facility used for education to secondary level. Includes:</u></p> <ul style="list-style-type: none"> (a) <u>schools and outdoor education facilities; and</u> (b) <u>accommodation, administrative, cultural, religious, health, retail and communal facilities accessory to the above.</u> <p><u>Excludes:</u></p> <ul style="list-style-type: none"> (a) <u>care centres; and</u> (b) <u>tertiary education facilities.</u>
<u>EIANZ Guidelines</u>	<u>Ecological Impact Assessment: EIANZ guidelines for use in New Zealand: terrestrial and freshwater ecosystems, second edition, dated May 2018.</u>
<u>Enabling Works</u>	<p><u>Includes, but is not limited to, the following and similar activities:</u></p> <ul style="list-style-type: none"> (a) <u>geotechnical investigations (including trial embankments)</u> (b) <u>archaeological site investigations</u> (c) <u>formation of access for geotechnical investigations</u> (d) <u>establishment of site yards, site entrances and fencing</u> (e) <u>constructing and sealing site access roads</u> (f) <u>demolition or removal of buildings and structures</u> (g) <u>relocation of services; and</u> (h) <u>establishment of mitigation measures (such as erosion and sediment control measures, temporary noise walls, earth bunds and planting).</u>
<u>HHMP</u>	<u>Historic Heritage Management Plan</u>
<u>HNZPT</u>	<u>Heritage New Zealand Pouhere Taonga.</u>
<u>HNZPTA</u>	<u>Heritage New Zealand Pouhere Taonga Act 2014</u>
<u>Identified Native Lizard Habitat Area</u>	<u>Means an area or areas of features of ecological value where the project ecologist has identified that the project will potentially have a moderate or greater level of ecological effect on native lizards, prior to implementation of impact management measures, as determined in accordance with the EIANZ guidelines.</u>
<u>LMP</u>	<u>Lizard Management Plan</u>
<u>Manager</u>	<u>The Manager – Resource Consents of the Auckland Council, or authorised delegate.</u>
<u>Mana Whenua</u>	<p><u>Mana Whenua as referred to in the conditions are considered to be, but not limited to, the following (in no particular order), who at the time of Notice of Requirement expressed a desire to be involved in the project:</u></p> <ul style="list-style-type: none"> (a) <u>Te Ākitai Waiohūa;</u> (b) <u>Ngai Tai ki Tāmaki;</u> (c) <u>Ngaati Te Ata Waiohūa;</u> (d) <u>Ngaati Whanaunga;</u> (e) <u>Ngāti Tamaoho;</u> (f) <u>Ngāti Paoa Trust Board;</u> (g) <u>Te Ahiwaru Waiohūa;</u> (h) <u>Ngāti Tamaterā; and</u>

	(i) <u>Ngāti Maru.</u> Note: Other iwi not identified above may have an interest in the project and should be consulted
<u>Network Utility Operator</u>	Has the same meaning as set out in section 166 of the RMA.
<u>NIMP</u>	<u>Network Integration Management Plan</u>
<u>NUMP</u>	<u>Network Utilities Management Plan</u>
<u>NOR</u>	<u>Notice of Requirement</u>
<u>NZAA</u>	<u>New Zealand Archaeological Association</u>
<u>Outline Plan</u>	<u>An outline plan prepared in accordance with section 176A of the RMA.</u>
<u>Project Liaison Person</u>	<u>The person or persons appointed for the duration of the project's Construction Works to be the main point of contact for persons wanting information about the project or affected by the Construction Works.</u>
<u>Protected Premises and Facilities (PPF)</u>	<u>Protected Premises and Facilities as defined in New Zealand Standard NZS 6806:2010: <i>Acoustics – Road-traffic noise – New and altered roads.</i></u>
<u>Requiring Authority</u>	<u>Has the same meaning as section 166 of the RMA and, for this designation is Auckland Transport.</u>
<u>RMA</u>	<u>Resource Management Act 1991</u>
<u>SCEMP</u>	<u>Stakeholder Communication and Engagement Management Plan</u>
<u>Stakeholder</u>	<u>Stakeholders to be identified in accordance with Condition 4, which may include as appropriate:</u> (a) <u>adjacent owners and occupiers;</u> (b) <u>adjacent business owners and operators;</u> (c) <u>central and local government bodies;</u> (d) <u>community groups;</u> (e) <u>developers;</u> (f) <u>development agencies;</u> (g) <u>educational facilities; and</u> (h) <u>Network Utility Operators.</u>
<u>Stage of Work</u>	<u>Any physical works that require the development of an Outline Plan.</u>
<u>Start of Construction</u>	<u>The time when Construction Works (excluding Enabling Works) start.</u>
<u>Suitably Qualified Person</u>	<u>A person (or persons) who can provide sufficient evidence to demonstrate their suitability, experience and competence in the relevant field of expertise.</u>
<u>TMP</u>	<u>Tree Management Plan</u>
<u>ULDMP</u>	<u>Urban and Landscape Design Management Plan</u>

<u>General conditions</u>	
1.	<p><u>Activity in General Accordance with Plans and Information</u></p> <p>(a) <u>Except as provided for in the conditions below, and subject to final design and Outline Plan(s), works within the designation shall be undertaken in general accordance with the following in Schedule 1:</u></p> <ul style="list-style-type: none"> (i) <u>the project description; and</u> (ii) <u>concept plan.</u> <p>(b) <u>Where there is inconsistency between:</u></p> <ul style="list-style-type: none"> (i) <u>the project description and concept plan in Schedule 1 and the requirements of the following conditions, the conditions shall prevail;</u> (ii) <u>the project description and concept plan in Schedule 1, and the management plans under the conditions of the designation, the requirements of the management plans shall prevail.</u>
2.	<p><u>Project Information</u></p> <p>(a) <u>A project website, or equivalent virtual information source, shall be established as soon as reasonably practicable, and within six months of the inclusion of this designation in the AUP.</u></p> <p>(b) <u>All directly affected owners and occupiers shall be notified in writing as soon as reasonably practicable once the website or equivalent information source has been established. The project website or virtual information source shall include these conditions and shall provide information on:</u></p> <ul style="list-style-type: none"> (i) <u>the status of the project;</u> (ii) <u>anticipated construction timeframes;</u> (iii) <u>contact details for enquiries;</u> (iv) <u>the implications of the designation for landowners, occupiers and business owners and operators within the designation and where they can receive additional advice;</u> (v) <u>a subscription service to enable receipt of project updates by email; and</u> (vi) <u>when and how to apply for consent for works in the designation under section 176(1)(b) of the RMA.</u> <p>(c) <u>At the start of detailed design for a Stage of Work, the project website or virtual information source shall be updated to provide information on the likely date for Start of Construction, and any Staging of Works.</u></p>

3.	<p><u>Land Use Integration Process</u></p> <p>(a) <u>The Requiring Authority shall set up a Land use Integration Process for the period between confirmation of the designation and the Start of Construction. The purpose of this process is to encourage and facilitate the integration of master planning and land use development activity on land directly affected or adjacent to the designation. To achieve this purpose:</u></p> <p>(i) <u>the Requiring Authority shall include the contact details of a nominated contact on the project website (or equivalent information source) required to be established by Condition (2)(b)(iii); and</u></p> <p>(ii) <u>the nominated contact shall be the main point of contact for a Developer or Development Agency wanting to work with the Requiring Authority to integrate their development plans or master planning with the designation.</u></p> <p>(b) <u>At any time prior to the Start of Construction, the nominated contact will be available to engage with a Developer or Development Agency for the purpose of:</u></p> <p>(i) <u>responding to requests made to the Requiring Authority for information regarding design details that could assist with land use integration; and</u></p> <p>(ii) <u>receiving information from a Developer or Development Agency regarding master planning or land development details that could assist with land use integration.</u></p> <p>(c) <u>Information requested or provided under Condition 3(b) above may include but not be limited to the following matters:</u></p> <p>(i) <u>design details including but not limited to:</u></p> <p>A <u>boundary treatment (e.g. the use of retaining walls or batter slopes);</u></p> <p>B <u>the horizontal and vertical alignment of the road (levels);</u></p> <p>C <u>potential locations for mid-block crossings;</u></p> <p>D <u>integration of stormwater infrastructure;</u></p> <p>E <u>traffic noise modelling contours; and</u></p> <p>F <u>outputs from flood modelling.</u></p> <p>(ii) <u>potential modifications to the extent of the designation in response to the information received through Condition 3(b)(ii);</u></p> <p>(iii) <u>a process for the Requiring Authority to undertake a technical review of or provide comments on any master planning or development proposal advanced by the Developer or Development Agency as it relates to integration with the project; and</u></p> <p>(iv) <u>details of how to apply for written consent from the Requiring Authority for any development proposal that relates to land that is within the designation under section 176(1)(b) of the RMA.</u></p> <p>(d) <u>Where information is requested from the Requiring Authority and is available, the nominated contact shall provide the information unless there are reasonable grounds for not providing it.</u></p> <p>(e) <u>The nominated contact shall maintain a record of the engagement between the Requiring Authority and Developers and Development Agencies for the period following the date in which this designation is included in the AUP through to the Start of Construction for a Stage of Work. The record shall include:</u></p> <p>(i) <u>details of any requests made to the Requiring Authority that could influence detailed design, the results of any engagement and, where such requests that could influence detailed design are declined, the reasons why the Requiring Authority has declined the requests; and</u></p> <p>(ii) <u>details of any requests to co-ordinate the forward work programme, where appropriate, with Development Agencies and Network Utility Operators.</u></p> <p>(f) <u>The record shall be submitted to Council for information 10 working days prior to the Start of Construction for a Stage of Work</u></p>
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4.	<p><u>Stakeholder Communication and Engagement Design</u></p> <p>(a) <u>At least six months prior to the start of detailed design for a Stage of Work, the Requiring Authority shall identify:</u></p> <ul style="list-style-type: none"> (i) <u>a list of Stakeholders;</u> (ii) <u>a list of properties within the designation which the Requiring Authority does not own or have occupation rights to; and</u> (iii) <u>methods to engage with Stakeholders and the owners and occupiers of properties identified in (a)(i) – (ii) above.</u> <p>(b) <u>A record of (a) shall be submitted to the Manager for information with an Outline Plan for the relevant Stage of Work.</u></p> <p>(c) <u>The purpose of this identification and engagement design process is to inform future engagement processes during detailed design and construction phases for a Stage of Work.</u></p>
5.	<p><u>Designation Review</u></p> <p><u>The Requiring Authority shall within six months of Completion of Construction or as soon as otherwise practicable:</u></p> <ul style="list-style-type: none"> (a) <u>review the extent of the designation to identify any areas of designated land that it no longer requires for the on-going operation, maintenance or mitigation of effects of the project; and</u> (b) <u>give notice to the Manager in accordance with section 182 of the RMA for the removal of those parts of the designation identified above.</u>
6.	<p><u>Lapse</u></p> <p><u>In accordance with section 184(1)(c) of the RMA, this designation shall lapse if not given effect to within 10 years from the date on which it is included in the AUP.</u></p>
7.	<p><u>Network Utility Operators and Auckland Council (Section 176 Approval)</u></p> <ul style="list-style-type: none"> (a) <u>Prior to the start of Construction Works, Network Utility Operators with existing infrastructure and Auckland Council in relation to parks located within the designation will not require written consent under section 176 of the RMA for the following activities:</u> <ul style="list-style-type: none"> (i) <u>operation, maintenance and repair works;</u> (ii) <u>minor renewal works to existing network utilities or parks necessary for the on-going provision or security of supply of network utility operations;</u> (iii) <u>minor works such as new service connections; and</u> (iv) <u>the upgrade and replacement of existing network utilities in the same location with the same or similar effects on the works authorised by the designation as the existing utility.</u> (b) <u>To the extent that a record of written approval is required for the activities listed above, this condition shall constitute written approval.</u>

<u>Pre-construction conditions</u>	
8.	<p><u>Outline Plan</u></p> <p>(a) <u>An Outline Plan (or Plans) shall be prepared in accordance with section 176A of the RMA.</u></p> <p>(b) <u>Outline Plans (or Plan) may be submitted in parts or in stages to address particular activities (e.g. design or construction aspects), or a Stage of Work of the project.</u></p> <p>(c) <u>Outline Plans shall include any management plan or plans that are relevant to the management of effects of those activities or Stage of Work, which may include:</u></p> <ul style="list-style-type: none"> (i) <u>Network Integration Management Plan;</u> (ii) <u>Urban and Landscape Design Management Plan;</u> (iii) <u>Construction Environmental Management Plan;</u> (iv) <u>Construction Traffic Management Plan;</u> (v) <u>Construction Noise and Vibration Management Plan;</u> (vi) <u>Historic Heritage Management Plan;</u> (vii) <u>Lizard Management Plan;</u> (viii) <u>Tree Management Plan; and</u> (ix) <u>Network Utilities Management Plan.</u>
	<p><u>Flood Hazard</u></p> <p><u>For the purpose of Condition 9:</u></p> <p>(a) <u>AEP – means Annual Exceedance Probability;</u></p> <p>(b) <u>Existing Authorised Habitable Floor – means the floor level of any room (floor) in a residential building which is authorised and exists at the time the outline plan is submitted, excluding a laundry, bathroom, toilet or any room used solely as an entrance hall, passageway or garage;</u></p> <p>(c) <u>Flood Prone Area – means a potential ponding areas that may flood in a 1% AEP event and commonly comprise of topographical depression areas. The areas can occur naturally or as a result of constructed features. Identification of a potential Flood Prone Area would be by an assessment of residual flood risk in a 1% AEP event (e.g. from blockage of the project stormwater network) on land outside and adjacent to the designation following the application of Conditions 9(a)(i)-(iv);</u></p> <p>(d) <u>Maximum Probable Development – is the design case for consideration of future flows allowing for development within a catchment that takes into account the maximum impervious surface limits of the current zone or if the land is zoned Future Urban in the AUP, the probable level of development arising from zone changes;</u></p> <p>(e) <u>Pre-Project development – means existing site condition prior to the project (including existing buildings and roadways); and</u></p> <p>(f) <u>Post-Project development – means site condition after the project has been completed (including existing and new buildings and roadways).</u></p>

9.	<p><u>Flood Hazard</u></p> <p>(a) <u>The project shall be designed to achieve the following flood risk outcomes beyond the boundary of the designation:</u></p> <ul style="list-style-type: none"> (i) <u>no increase in flood levels in a 1% AEP event for Existing Authorised Habitable Floors that are already subject to flooding or have a freeboard less than 500mm;</u> (ii) <u>no increase in flood levels in a 1% AEP for authorised community, commercial, industrial and network utility building floors existing at the time the Outline Plan is submitted that are already subject to flooding or have a freeboard less than 300mm;</u> (iii) <u>maximum of 50mm increase in flood levels in a 1% AEP event outside and adjacent to the designation between the Pre-Project Development and Post-Project Development scenarios;</u> (iv) <u>no increase of Flood Hazard Class for the main access to authorised habitable dwellings existing at time the Outline Plan is submitted. The assessment shall be undertaken for the 1% AEP rainfall event and reference the hazard class in accordance with Schedule 2 to these conditions; and</u> (v) <u>no new flood prone areas.</u> <p>(b) <u>Compliance with this condition shall be demonstrated in the Outline Plan, which shall include flood modelling of the Pre-Project Development and Post-Project Development 1% AEP flood levels (for Maximum Probable Development land use and including climate change).</u></p> <p>(c) <u>Where:</u></p> <ul style="list-style-type: none"> (i) <u>the flood risk outcomes in (a) can be achieved through alternative measures outside of the designation such as flood stop banks, flood walls, raising Existing Authorised Habitable Floor level and new overland flow paths; or</u> (ii) <u>the outcomes are varied at a specific location(s) through agreement with the relevant landowner,</u> <p><u>confirmation shall be provided to the Manager that any necessary landowner and statutory approvals have been obtained for that alternative measure or varied outcome.</u></p>
10.	<p><u>Existing property access</u></p> <p><u>Prior to submission of the Outline Plan, consultation shall be undertaken with landowners and occupiers whose vehicle access to their property will be altered by the project. The Outline Plan shall demonstrate how safe reconfigured or alternate access will be provided, unless otherwise agreed with the affected landowner. This condition does not apply to business-zoned land.</u></p>

11.	<p><u>Existing business property access</u></p> <p>(a) <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.</u></p> <p>(b) <u>Where vehicle access to a property within business-zoned land will be altered by the project, the Outline Plan shall demonstrate how safe access will be provided that:</u></p> <p>(i) <u>maintains and promotes the safe, effective, and efficient operation of the transport network;</u></p> <p>(ii) <u>recognises the role and function of all accesses including for loading and unloading of goods to the site; and</u></p> <p>(iii) <u>subject to achieving (i), also provides effective and efficient access to the site where practicable.</u></p> <p>(c) <u>Where an alternative outcome has been agreed that does not comply with Condition 11(b), the Outline Plan shall provide details of the alternative outcome and how the safe, effective, and efficient operation of the transport network will be maintained.</u></p> <p><u>Advice note:</u> Condition 11 does not affect Auckland Transport's ability to exercise its statutory Road Controlling Authority powers to modify traffic or parking controls.</p>
12.	<p><u>Management Plans</u></p> <p>(a) <u>Any management plan shall:</u></p> <p>(i) <u>be prepared and implemented in accordance with the relevant management plan condition;</u></p> <p>(ii) <u>be prepared by a Suitably Qualified Person(s);</u></p> <p>(iii) <u>include sufficient detail relating to the management of effects associated with the relevant activities and/or Stage of Work to which it relates.</u></p> <p>(iv) <u>be submitted as part of an Outline Plan pursuant to section 176A of the RMA, with the exception of SCEMPs and CNVMP Schedules; and</u></p> <p>(v) <u>once finalised, uploaded to the project website or equivalent virtual information source.</u></p> <p>(b) <u>Any management plan developed in accordance with Condition 12 may:</u></p> <p>(i) <u>be submitted in parts or in stages to address particular activities (e.g. design or construction aspects) a Stage of Work of the project, or to address specific activities authorised by the designation;</u></p> <p>(ii) <u>except for material changes, be amended to reflect any changes in design, construction methods or management of effects without further process;</u></p> <p>(c) <u>Information shall be submitted with the management plan (or revised plan as referred to in (d) below) which summarises outcomes of consultation and any input received from Mana Whenua and Stakeholders as required by the relevant management plan condition. The summary shall note how this input has been incorporated or reflected in the management plan, or if not, the reasons why;</u></p> <p>(d) <u>If there is a material change required to a management plan which has been submitted with an Outline Plan, the revised part of the plan shall be submitted to the Manager as an update to the Outline Plan or for Certification as soon as practicable following identification of the need for a revision; and</u></p> <p>(e) <u>Any material changes to the SCEMPs are to be submitted to the Manager for information.</u></p>

13.	<p><u>Stakeholder Communication and Engagement Management Plan (SCEMP)</u></p> <p>(a) <u>A SCEMP shall be prepared in consultation with relevant Stakeholders prior to the Start of Construction. The objective of the SCEMP is to identify how the public and Stakeholders will be engaged with throughout the Construction Works.</u></p> <p>(b) <u>To achieve the objective, the SCEMP shall include:</u></p> <ul style="list-style-type: none"> (i) <u>a list of Stakeholders;</u> (ii) <u>the contact details for the Project Liaison Person. These details shall be on the project website, or equivalent virtual information source, and prominently displayed at the main entrance(s) to the site(s);</u> (iii) <u>methods and timing to engage with owners and occupiers whose access is directly affected;</u> (iv) <u>methods to communicate key project milestones and the proposed hours of construction activities including outside of normal working hours and on weekends and public holidays, to the parties identified in (b)(i) above; and</u> (v) <u>linkages and cross-references to communication and engagement methods set out in other conditions and management plans where relevant.</u> <p>(c) <u>Any SCEMP prepared for a Stage of Work shall be submitted to the Manager for information a minimum of 10 working days prior to the Start of Construction for a Stage of Work.</u></p>
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14.	<p><u>Cultural Advisory Report</u></p> <p>(a) <u>At least six months prior to the start of detailed design for a Stage of Work, Mana Whenua shall be invited to prepare a Cultural Advisory Report for the project. The objective of the Cultural Advisory Report is to assist in understanding and identifying ngā taonga tuku iho ('treasures handed down by our ancestors') affected by the project, to inform their management and protection.</u></p> <p>(b) <u>To achieve the objective, the Requiring Authority shall invite Mana Whenua to prepare a Cultural Advisory Report that:</u></p> <ul style="list-style-type: none"> (i) <u>identifies the cultural sites, landscapes and values that have the potential to be affected by the construction and operation of the project;</u> (ii) <u>sets out the desired outcomes for management of potential effects on cultural sites, landscapes and values;</u> (iii) <u>identifies traditional cultural practices within the area that may be impacted by the project;</u> (iv) <u>identifies opportunities for restoration and enhancement of identified cultural sites, landscapes and values within the project area;</u> (v) <u>taking into account the outcomes of (i) to (iv) above, identify cultural matters and principles that should be considered in the development of the ULDMP referred to in Condition 17, HHMP referred to in Condition 28 and the CMP referred to in Condition 22; and</u> (vi) <u>identifies and (if possible) nominates traditional names along the project alignment. Noting there may be formal statutory processes outside the project required in any decision-making.</u> <p>(c) <u>The desired outcomes for management of potential effects on cultural sites, landscapes and values identified in the Cultural Advisory Report shall be discussed with Mana Whenua and those outcomes reflected in the relevant management plans where practicable; and</u></p> <p>(d) <u>Conditions 14(a) and (b) above will cease to apply if:</u></p> <ul style="list-style-type: none"> (i) <u>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</u> (ii) <u>Mana Whenua have not provided a Cultural Advisory Report within six months prior to start of Construction Works.</u>
15.	<p><u>Network Integration Management Plan (NIMP)</u></p> <p>(a) <u>At least six months prior to the start of detailed design for a Stage of Work, the Requiring Authority shall prepare, in collaboration with other relevant road controlling authorities, a NIMP. The objective of the NIMP is to identify how the project will integrate with the planned transport network in the Takaanini growth area to achieve an effective, efficient and safe land transport system.</u></p> <p>(b) <u>To achieve this objective, the NIMP shall include details of the:</u></p> <ul style="list-style-type: none"> (i) <u>project implementation approach and any staging of the project, including both design, management and operational matters; and</u> (ii) <u>sequencing of the project with the planned transport network, including both design, management and operational matters.</u>

16.	<p><u>Mana Whenua Kaitiaki Forum</u></p> <p>(a) <u>At least 12 months prior to the start of detailed design for a Stage of Work, the Requiring Authority shall invite Mana Whenua to establish a Mana Whenua Kaitiaki Forum. The objective of the Mana Whenua Kaitiaki Forum is to provide a forum for Mana Whenua to participate as partners in all phases of the project.</u></p> <p>(b) <u>To achieve the objective, the Mana Whenua Kaitiaki Forum shall address (as a minimum) the following matters:</u></p> <p>(i) <u>how Mana Whenua will provide input into the design of the project. For example:</u></p> <p>A <u>how Mana Whenua values and narrative are incorporated through the form of the project and associated structures;</u></p> <p>B <u>how pou, art, sculptures, mahi toi or any other features located on land within or adjoining the project will be provided in a manner that represents the Māori history of the area and promotes a distinctiveness or sense of place;</u></p> <p>(ii) <u>how Mana Whenua will be engaged in the preparation of management plans and future consenting processes;</u></p> <p>(iii) <u>how mātauranga Māori and tikanga Māori will be recognised in all phases of the project;</u></p> <p>(iv) <u>where opportunities for Mana Whenua to participate in engagement with local communities, business associations, social institutions and community groups will be provided;</u></p> <p>(v) <u>where opportunities for Mana Whenua to support the physical, mental, social and economic wellbeing for iwi and the local community will be provided through the project. This could include:</u></p> <p>A <u>planting supplied through Mana Whenua and community based nurseries;</u></p> <p>B <u>local schools being involved in planting; and</u></p> <p>C <u>scholarships, cadetships and job creation.</u></p> <p>(vi) <u>the Requiring Authority shall provide reasonable resourcing, technical and administrative support for Mana Whenua including organising meetings at a local venue and the taking and dissemination of meeting minutes;</u></p> <p>(vii) <u>the frequency of meetings shall be agreed between the Requiring Authority and Mana Whenua; and</u></p> <p>(viii) <u>prior to the Start of Construction, the Requiring Authority shall produce a record of the Mana Whenua Kaitiaki Forum. The record of the Mana Whenua Kaitiaki Forum shall be provided to Mana Whenua and shall include (but not be limited to):</u></p> <p>A <u>details of how Mana Whenua have participated as partners in the project;</u></p> <p>B <u>details of how the matters set out in (b) will be incorporated into the project;</u></p> <p>C <u>how the objective of the Mana Whenua Kaitiaki Forum has been and will continue to be met; and</u></p> <p>D <u>details of how comments from Mana Whenua have been incorporated into the project and where not incorporated, the reasons why.</u></p> <p>(c) <u>Mana Whenua shall be invited to identify and (if possible) nominate traditional names across the project such as for bridge structures. Noting there may be formal statutory processes outside the project required in any decision making.</u></p>
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	(d) <u>The Mana Whenua Kaitiaki Forum shall continue to meet for at least six months following Completion of Construction or as agreed with Mana Whenua.</u>
	<u>Urban and Landscape Design Management Plan (ULDMP)</u>
17.	<p>(a) <u>A ULDMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the ULDMP(s) is to:</u></p> <ul style="list-style-type: none"> (i) <u>enable integration of the project's permanent works into the surrounding landscape and urban context; and</u> (ii) <u>ensure that the project manages potential adverse landscape and visual effects as far as practicable and contributes to a quality urban environment.</u> <p>(b) <u>Mana Whenua shall be invited to participate in the development of the ULDMP(s) to provide input into relevant cultural landscape and design matters including how desired outcomes for management of potential effects on cultural sites, landscapes and values identified and discussed in accordance with the Cultural Advisory Report (Condition 14) and/or through the Mana Whenua Kaitiaki Forum (Condition 16) may be reflected in the ULDMP.</u></p> <p>(c) <u>Relevant Stakeholders shall be invited to participate in the development of the ULDMP at least six months prior to the start of detailed design for a Stage of Work.</u></p>
18.	<p>(a) <u>To achieve the objective set out in Condition 17, the ULDMP(s) shall provide details of how the project:</u></p> <ul style="list-style-type: none"> (i) <u>is designed to integrate with the adjacent urban (or proposed urban) and landscape context, including the surrounding existing or proposed topography, urban environment (e.g. centres and density of built form), natural environment, landscape character and open space zones;</u> (ii) <u>provides appropriate walking and cycling connectivity to, and interfaces with, existing or proposed adjacent land uses (including public transport and walking and cycling facilities);</u> (iii) <u>promotes inclusive access (where appropriate);</u> (iv) <u>promotes a sense of personal safety by aligning with best practice guidelines, such as:</u> <ul style="list-style-type: none"> A <u>Crime Prevention Through Environmental Design (CPTED) principles;</u> B <u>Safety in Design (SID) requirements; and</u> C <u>Maintenance in Design (MID) requirements and anti-vandalism/anti-graffiti measures.</u> (v) <u>has responded to matters identified through the Land use Integration Process (Condition 3); and</u> <p>(b) <u>The ULDMP shall be prepared in general accordance with:</u></p> <ul style="list-style-type: none"> (i) <u>Auckland Transport's Urban Roads and Streets Design Guide or any subsequent updated version;</u> (ii) <u>New Zealand Transport Agency Urban Design Guidelines: Bridging the Gap (2013) or any subsequent updated version;</u> (iii) <u>New Zealand Transport Agency Landscape Guidelines (2013) or any subsequent updated version;</u> (iv) <u>New Zealand Transport Agency P39 Standard Specification for Highway Landscape Treatments (2013) or any subsequent updated version; and</u> (v) <u>Auckland's Urban Ngahere (Forest) Strategy or any subsequent updated version.</u>

19.	<p><u>The ULDMP(s) shall include:</u></p> <ul style="list-style-type: none"> (a) <u>A concept plan – which depicts the overall landscape and urban design concept, and explain the rationale for the landscape and urban design proposals;</u> (b) <u>Developed design concepts, including principles for walking and cycling facilities and public transport;</u> (c) <u>Landscape and urban design details – that cover the following:</u> <ul style="list-style-type: none"> (i) <u>road design – elements such as intersection form, carriageway gradient and associated earthworks contouring including cut and fill batters and the interface with adjacent land uses and existing roads (including slip lanes), benching, spoil disposal sites, median width and treatment, roadside width and treatment;</u> (ii) <u>roadside elements – such as lighting, fencing, wayfinding and signage;</u> (iii) <u>architectural and landscape treatment of all major structures, including bridges and retaining walls;</u> (iv) <u>architectural and landscape treatment of noise barriers;</u> (v) <u>landscape treatment and planting of permanent stormwater control wetlands and swales;</u> (vi) <u>integration of passenger transport;</u> (vii) <u>pedestrian and cycle facilities including paths, road crossings and dedicated pedestrian/ cycle bridges or underpasses;</u> (viii) <u>historic heritage places with reference to the HHMP (Condition 28); and</u> (ix) <u>re-instatement of construction and site compound areas; and</u> (x) <u>features disturbed during construction and intended to be reinstated such as:</u> <ul style="list-style-type: none"> A <u>boundary features;</u> B <u>driveways;</u> C <u>accessways; and</u> D <u>fences</u> (d) <u>The ULDMP shall also include the following planting and maintenance details:</u> <ul style="list-style-type: none"> (i) <u>planting design details including:</u> <ul style="list-style-type: none"> A <u>identification of existing trees and vegetation that will be retained with reference to the TMP and LMP. Where practicable, mature trees and native vegetation should be retained;</u> B <u>street trees, shrubs and ground cover suitable for the location;</u> C <u>treatment of fill slopes to integrate with adjacent land use, streams, riparian margins and open space zones;</u> D <u>identification of any planting requirements under the LMP (Condition 30) and TMP (Condition 31);</u> E <u>integration of any planting required by conditions of any resource consents for the project; and</u> F <u>re-instatement planting of construction and site compound areas as appropriate.</u> (ii) <u>a planting programme including the staging of planting in relation to the construction programme which shall, as far as practicable, include provision for planting within each planting season following completion of each Stage of Work; and</u> (iii) <u>detailed specifications relating to the following:</u>
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	<p>A <u>weed control and clearance;</u></p> <p>B <u>pest animal management (to support plant establishment);</u></p> <p>C <u>ground preparation (top soiling and decompaction);</u></p> <p>D <u>mulching; and</u></p> <p>E <u>plant sourcing and planting, including hydroseeding and grassing, and use of eco-sourced species.</u></p>
<u>Construction conditions</u>	
20.	<p><u>Construction Environmental Management Plan (CEMP)</u></p> <p>(a) <u>A CEMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the CEMP is to set out the management procedures and construction methods to be undertaken to, avoid, remedy or mitigate any adverse effects associated with Construction Works as far as practicable.</u></p> <p>(b) <u>To achieve the objective, the CEMP shall include:</u></p> <ul style="list-style-type: none"> (i) <u>the roles and responsibilities of staff and contractors;</u> (ii) <u>details of the site or project manager and the Project Liaison Person, including their contact details (phone and email address);</u> (iii) <u>the Construction Works programmes and the staging approach, and the proposed hours of work;</u> (iv) <u>details of the proposed construction yards including temporary screening when adjacent to residential areas;</u> (v) <u>details of the proposed construction lighting;</u> (vi) <u>methods for controlling dust and the removal of debris and demolition of construction materials from public roads or places;</u> (vii) <u>methods for providing for the health and safety of the general public;</u> (viii) <u>measures to mitigate flood hazard effects such as siting stockpiles out of floodplains, minimising obstruction to flood flows, actions to respond to warnings of heavy rain;</u> (ix) <u>procedures for incident management;</u> (x) <u>location and procedures for the refuelling and maintenance of plant and equipment to avoid discharges of fuels or lubricants to watercourses;</u> (xi) <u>measures to address the storage of fuels, lubricants, hazardous and/or dangerous materials, along with contingency procedures to address emergency spill response(s) and clean up;</u> (xii) <u>procedures for responding to complaints about Construction Works; and</u> (xiii) <u>methods for amending and updating the CEMP as required.</u>

21.	<p><u>Complaints Process</u></p> <p>(a) <u>At all times during Construction Works, a record of any complaints received about the Construction Works shall be maintained. The record shall include:</u></p> <ul style="list-style-type: none"> (i) <u>the date, time and nature of the complaint;</u> (ii) <u>the name, phone number and address of the complainant (unless the complainant wishes to remain anonymous);</u> (iii) <u>measures taken to respond to the complaint (including a record of the response provided to the complainant) or confirmation of no action if deemed appropriate;</u> (iv) <u>the outcome of the investigation into the complaint; and</u> (v) <u>any other activities in the area, unrelated to the project that may have contributed to the complaint, such as non-project construction, fires, traffic accidents or unusually dusty conditions generally.</u> <p>(b) <u>A copy of the complaints record required by this condition shall be made available to the Manager upon request as soon as practicable after the request is made.</u></p>
22.	<p><u>Cultural Monitoring Plan (CMP)</u></p> <p>(a) <u>Prior to the Start of Construction, a CMP shall be prepared by a Suitably Qualified Person(s) identified in collaboration with Mana Whenua. The objective of the CMP is to identify methods for undertaking cultural monitoring to assist with management of any cultural effects during Construction Works.</u></p> <p>(b) <u>To achieve the objective, the CMP shall include:</u></p> <ul style="list-style-type: none"> (i) <u>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;</u> (ii) <u>requirements and protocols for cultural inductions for contractors and subcontractors;</u> (iii) <u>identification of activities, sites and areas where cultural monitoring is required during particular Construction Works;</u> (iv) <u>identification of personnel to undertake cultural monitoring, including any geographic definition of their responsibilities; and</u> (v) <u>details of personnel to assist with management of any cultural effects identified during cultural monitoring, including implementation of the Accidental Discovery Protocol</u> <p>(c) <u>If Enabling Works involving soil disturbance are undertaken prior to the Start of Construction, an Enabling Works CMP shall be prepared by a Suitably Qualified Person identified in collaboration with Mana Whenua. This plan may be prepared as a standalone Enabling Works CMP or be included in the main Construction Works CMP.</u></p> <p><u>Advice Note:</u> <u>Where appropriate, the CMP shall align with the requirements of other conditions of the designation and resource consents for the project which require monitoring during Construction Works.</u></p>

23.	<p><u>Construction Traffic Management Plan (CTMP)</u></p> <p>(a) <u>A CTMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the CTMP is to avoid, remedy or mitigate, as far as practicable, adverse construction traffic effects.</u></p> <p>(b) <u>To achieve this objective, the CTMP shall include:</u></p> <ul style="list-style-type: none"> (i) <u>methods to manage the effects of temporary traffic management activities on traffic;</u> (ii) <u>measures to ensure the safety of all transport users;</u> (iii) <u>the estimated numbers, frequencies, routes and timing of traffic movements, including any specific non-working or non-movement hours to manage vehicular and pedestrian traffic near Educational Facilities or to manage traffic congestion;</u> (iv) <u>site access routes and access points for heavy vehicles, the size and location of parking areas for plant, construction vehicles and the vehicles of workers and visitors;</u> (v) <u>identification of detour routes and other methods to ensure the safe management and maintenance of traffic flows, including public transport, pedestrians and cyclists;</u> (vi) <u>methods to maintain access to and within property and/or private roads where practicable, or to provide alternative arrangements when it will not be, including details of how access is managed for loading and unloading of goods. Engagement with landowners and occupiers whose access is directly affected shall be undertaken in accordance with Condition 13(b)(iii);</u> (vii) <u>the management approach to loads on heavy vehicles, including covering loads of fine material, the use of wheel-wash facilities at site exit points and the timely removal of any material deposited or spilled on public roads;</u> (viii) <u>methods that will be undertaken to communicate traffic management measures to affected road users (e.g. residents/ public/ Stakeholders/ emergency services);</u> (ix) <u>details of minimum network performance parameters during the construction phase, including any measures to monitor compliance with the performance parameters; and</u> (x) <u>details of any measures proposed to be implemented in the event of thresholds identified in (ix) being exceeded.</u> <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 2013) or any subsequent version.</u></p>
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24.

Construction Noise Standards

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

Table 24-1 Construction Noise Standards

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

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

25.

Construction Vibration Standards

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

Table 25-1 Construction Vibration Standards

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

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

26.	<p><u>Construction Noise and Vibration Management Plan (CNVMP)</u></p> <p>(a) <u>A CNVMP shall be prepared by a Suitably Qualified and Experienced Person prior to the Start of Construction for a Stage of Work. A CNVMP shall be implemented during the Stage of Work to which it relates. The objective of the CNVMP is to provide a framework for the development and implementation of the Best Practicable Option for the management of construction noise and vibration effects to achieve the construction noise and vibration standards set out in Conditions 24 and 25 to the extent practicable.</u></p> <p>(b) <u>To achieve the objective, the CNVMP shall be prepared in accordance with Annex E2 of the New Zealand Standard NZS6803:1999 'Acoustics – Construction Noise' (NZS6803:1999) and shall as a minimum, address the following:</u></p> <ul style="list-style-type: none"> (i) <u>description of the works and anticipated equipment/processes;</u> (ii) <u>hours of operation, including times and days when construction activities would occur;</u> (iii) <u>the construction noise and vibration standards for the project;</u> (iv) <u>identification of receivers where noise and vibration standards apply;</u> (v) <u>a hierarchy of management and mitigation options, including any requirements to limit night works and works during other sensitive times, including Sundays and public holidays as far as practicable ;</u> (vi) <u>methods and frequency for monitoring and reporting on construction noise and vibration;</u> (vii) <u>procedures for communication and engagement with nearby residents and Stakeholders, including notification of proposed construction activities, the period of construction activities, and management of noise and vibration complaints;</u> (viii) <u>contact details of the Project Liaison Person;</u> (ix) <u>procedures for the regular training of the operators of construction equipment to minimise noise and vibration as well as expected construction site behaviours for all workers;</u> (x) <u>procedures and requirements for the preparation of a Schedule to the CNVMP (Schedule) for those areas where compliance with the noise Condition 24 and/or vibration standards Condition 25 Category B will not be practicable;</u> (xi) <u>identification of trigger levels for undertaking building condition surveys, which shall be Category B day time levels;</u> (xii) <u>procedures and trigger levels for undertaking building condition surveys before and after works to determine whether any cosmetic or structural damage has occurred as a result of construction vibration;</u> (xiii) <u>methodology and programme of desktop and field audits and inspections to be undertaken to ensure that CNVMP, Schedules and the Best Practicable Option for management of effects are being implemented; and</u> (xiv) <u>requirements for review and update of the CNVMP.</u>
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27.	<p><u>Schedule to a CNVMP</u></p> <p>(a) <u>A Schedule to the CNVMP (Schedule) shall be prepared prior to the Start of Construction of an activity to which it relates by a Suitably Qualified Person, in consultation with the owners and occupiers of sites subject to the Schedule, when:</u></p> <p>(i) <u>construction noise is either predicted or measured to exceed the noise standards in Condition 24 except where the exceedance of the L_{Aeq} criteria is no greater than 5 decibels and does not exceed:</u></p> <p style="padding-left: 40px;">A <u>0630 – 2000: 2 periods of up to 2 consecutive weeks in any 2 months, or</u></p> <p style="padding-left: 40px;">B <u>2000 - 0630: 1 period of up to 2 consecutive nights in any 10 days.</u></p> <p>(ii) <u>construction vibration is either predicted or measured to exceed the Category B standard at the receivers in Condition 25.</u></p> <p>(b) <u>The objective of the Schedule is to set out the Best Practicable Option measures to manage noise and/or vibration effects of the construction activity beyond those measures set out in the CNVMP.</u></p> <p>(c) <u>To achieve the objective, the Schedule shall include details such as:</u></p> <p>(i) <u>construction activity location, start and finish dates;</u></p> <p>(ii) <u>the nearest neighbours to the construction activity;</u></p> <p>(iii) <u>the predicted noise and/or vibration level for all receivers where the levels are predicted or measured to exceed the applicable standards and predicted duration of the exceedance;</u></p> <p>(iv) <u>for works proposed between 2000h and 0630h, the reasons why the proposed works must be undertaken during these hours and why they cannot be practicably undertaken during the daytime;</u></p> <p>(v) <u>the proposed mitigation options that have been selected, and the options that have been discounted as being impracticable and the reasons why;</u></p> <p>(vi) <u>the consultation undertaken with owners and occupiers of sites subject to the Schedule, and how consultation has and has not been taken into account; and</u></p> <p>(vii) <u>location, times and types of monitoring.</u></p> <p>(d) <u>The Schedule shall be submitted to the Manager for Certification at least five working days (except in unforeseen circumstances) in advance of Construction Works that are covered by the scope of the Schedule and shall form part of the CNVMP.</u></p> <p>(e) <u>The CNVMP Schedule shall be deemed certified five working days from the submission of the CNVMP Schedule where no written confirmation of Certification has been received.</u></p> <p>(f) <u>Where material changes are made to a Schedule required by this condition, the Requiring Authority shall consult the owners and/or occupiers of sites subject to the Schedule prior to submitting the amended Schedule to the Manager for Certification in accordance with (d) above. The amended Schedule shall document the consultation undertaken with those owners and occupiers, and how consultation outcomes have and have not been taken into account.</u></p>
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28.	<p><u>Historic Heritage Management Plan (HHMP)</u></p> <p>(a) <u>A HHMP shall be prepared in consultation with Council, HNZPT and Mana Whenua prior to the Start of Construction for a Stage of Work. The objective of the HHMP is to protect historic heritage and to remedy and mitigate any residual effects as far as practicable.</u></p> <p>(b) <u>To achieve the objective, the HHMP shall identify:</u></p> <ul style="list-style-type: none"> (i) <u>any adverse direct and indirect effects on historic heritage sites and measures to appropriately avoid, remedy or mitigate any such effects, including a tabulated summary of these effects and measures;</u> (ii) <u>methods for the identification and assessment of potential historic heritage places within the designation to inform detailed design;</u> (iii) <u>known historic heritage places and potential archaeological sites within the designation, including identifying any archaeological sites for which an Archaeological Authority under the HNZPTA will be sought or has been granted;</u> (iv) <u>any unrecorded archaeological sites or post-1900 heritage sites within the designation, which shall also be documented and recorded;</u> (v) <u>roles, responsibilities and contact details of project personnel, Council and HNZPT representatives, Mana Whenua representatives, and relevant agencies involved with heritage and archaeological matters including surveys, monitoring of Construction Works, compliance with AUP accidental discovery rule, and monitoring of conditions;</u> (vi) <u>specific areas to be investigated, monitored and recorded to the extent these are directly affected by the project;</u> (vii) <u>the proposed methodology for investigating and recording post-1900 historic heritage sites (including buildings) that need to be destroyed, demolished or relocated, including details of their condition, measures to mitigate any adverse effects and timeframe for implementing the proposed methodology, in accordance with the HNZPT Archaeological Guidelines Series No.1: Investigation and Recording of Buildings and Standing Structures (November 2018, or any subsequent version);</u> (viii) <u>methods to acknowledge cultural values identified through the Mana Whenua Kaitiaki Forum (Condition 16) and CAR (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;</u> (ix) <u>methods for avoiding, remedying or mitigation adverse effects on historic heritage places and sites within the designation during Construction Works as far as practicable. These methods shall include, but are not limited to:</u> <ul style="list-style-type: none"> A <u>security fencing or hoardings around historic heritage places to protect them from damage during construction or unauthorised access;</u> B <u>measures to mitigate adverse effects on historic heritage sites that achieve positive historic heritage outcomes such as increased public awareness and interpretation signage; and</u> C <u>training requirements and inductions for contractors and subcontractors on historic heritage places within the designation, legal obligations relating to accidental and/or unexpected discoveries, 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 and Condition 16.</u>
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	<p><u>Accidental Discoveries</u></p> <p><u>Advice Note:</u></p> <p>The requirements for accidental discoveries of heritage items are set out in Rule E11.6.1 of the AUP</p>
29.	<p><u>Pre-Construction Lizard Survey</u></p> <p>(a) <u>At the start of detailed design for a Stage of Work, an updated survey of native lizards and their habitat in the locations shown in Schedule 3 shall be undertaken by a Suitably Qualified Person. The purpose of the survey is to inform lizard management by:</u></p> <p>(i) <u>confirming whether the native lizards of value within the locations shown in Schedule 3 are still present; and</u></p> <p>(ii) <u>confirming whether the project will or may have a moderate or greater level of ecological effect on native lizards of value in those locations, prior to implementation of impact management measures, as determined in accordance with the EIANZ guidelines.</u></p> <p>(b) <u>If the survey confirms the presence of native lizards of value in accordance with Condition 29(a)(i) and that effects are likely in accordance with Condition 29(a)(ii) then a Lizard Management Plan (or Plans) shall be prepared in accordance with Condition 30 for these areas (Confirmed Lizard Management Plan Areas).</u></p>
30.	<p><u>Lizard Management Plan (LMP)</u></p> <p>(a) <u>A LMP shall be prepared for any Confirmed Lizard Management Plan Areas (in accordance with Condition 29) prior to the Start of Construction for a Stage of Work. The objective of the LMP is to minimise effects of the project on native lizards of value in Confirmed Lizard Management Plan Areas as far as practicable.</u></p> <p>(b) <u>To achieve the objective, the LMP shall set out the methods which may include:</u></p> <p>(i) <u>a description of the methodology and timing for survey, trapping and relocation of native lizards rescued;</u></p> <p>(ii) <u>a description of the relocation site(s), including:</u></p> <p style="margin-left: 40px;">A <u>any measures to ensure the relocation site is suitable protected and remains viable (e.g. covenants, consent notices etc.);</u></p> <p style="margin-left: 40px;">B <u>any measures to ensure the relocation site is suitably managed to ensure appropriate habitat for native lizards (e.g. provision of additional refugia, weed and pest management); and</u></p> <p>(iii) <u>any proposed monitoring of relocation sites if necessary to evaluate translocation success.</u></p> <p>(c) <u>The LMP shall be consistent with any native lizard management measures to be undertaken in compliance with conditions of any regional resource consents granted for the project.</u></p> <p><u>Advice Note:</u></p> <p><u>Depending on the potential effects of the project, the regional consents for the project may include the following monitoring and management plans:</u></p> <p>(i) <u>stream and/or wetland restoration plans;</u></p> <p>(ii) <u>vegetation restoration plans; and</u></p> <p>(iii) <u>fauna management plans (eg avifauna, bats).</u></p>

31.	<p><u>Tree Management Plan (TMP)</u></p> <p>(a) <u>Prior to the Start of Construction for a Stage of Work, a TMP shall be prepared. The objective of the TMP is to avoid, remedy or mitigate effects of construction activities on trees identified in Schedule 4.</u></p> <p>(b) <u>To achieve the objective, the TMP shall:</u></p> <ul style="list-style-type: none"> (i) <u>confirm that the trees listed in Schedule 4 still exist; and</u> (ii) <u>demonstrate how the design and location of project works has avoided, remedied or mitigated any effects on any tree listed in Schedule 4. This may include:</u> <ul style="list-style-type: none"> A <u>planting to replace trees that require removal (with reference to the ULDMP planting design details in Condition 19);</u> B <u>tree protection zones and tree protection measures such as protective fencing, ground protection and physical protection of roots, trunks and branches; and</u> C <u>methods for work within the rootzone of trees that are to be retained in line with accepted arboricultural standards.</u>
32.	<p><u>Network Utilities Management Plan (NUMP)</u></p> <p>(a) <u>A NUMP shall be prepared prior to the Start of Construction for a Stage of Work. The objective of the NUMP is to set out a framework for protecting, relocating and working in proximity to existing network utilities.</u></p> <p>(b) <u>To achieve the objective, the NUMP shall include methods to:</u></p> <ul style="list-style-type: none"> (i) <u>provide access for maintenance at all reasonable times, or emergency works at all times during construction activities;</u> (ii) <u>protect and where necessary, relocate existing network utilities;</u> (iii) <u>manage the effects of dust and any other material potentially resulting from construction activities and able to cause material damage, beyond normal wear and tear to overhead transmission lines in the project area;</u> (iv) <u>demonstrate compliance with relevant standards and Codes of Practice including, where relevant, the NZECP 34:2001 New Zealand Electrical Code of Practice for Electrical Safe Distances 2001; AS/NZS 4853:2012 Electrical hazards on Metallic Pipelines; and AS/NZS 2885 Pipelines – Gas and Liquid Petroleum.</u> <p>(c) <u>The NUMP shall be prepared in consultation with the relevant Network Utility Operator(s) who have assets that are directly affected by the project.</u></p> <p>(d) <u>The development of the NUMP shall consider opportunities to coordinate future work programmes with other Network Utility Operator(s) during detailed design where practicable.</u></p> <p>(e) <u>The NUMP shall describe how any comments from the Network Utility Operator in relation to its assets have been addressed.</u></p> <p>(f) <u>Any comments received from the Network Utility Operator shall be considered when finalising the NUMP.</u></p> <p>(g) <u>Any amendments to the NUMP related to the assets of a Network Utility Operator shall be prepared in consultation with that asset owner.</u></p>
<u>Operational conditions</u>	
33.	<p><u>Low Noise Road Surface</u></p> <p><u>Asphaltic concrete surfacing (or equivalent low noise road surface) shall be implemented within 12 months of Completion of Construction of the project.</u></p>

34.	<p><u>Future Resurfacing Work</u></p> <p>(a) <u>Any future resurfacing works of the project shall be undertaken in accordance with the Auckland Transport Reseal Guidelines, Asset Management and Systems 2013 or any updated version and asphaltic concrete surfacing (or equivalent low noise road surface) shall be implemented where:</u></p> <ul style="list-style-type: none"> (i) <u>the volume of traffic exceeds 10,000 vehicles per day; or</u> (ii) <u>the road is subject to high wear and tear (such as cul de sac heads, roundabouts and main road intersections); or</u> (iii) <u>it is in an industrial or commercial area where there is a high concentration of truck traffic; or</u> (iv) <u>it is subject to high usage by pedestrians, such as town centres, hospitals, shopping centres and schools.</u> <p>(b) <u>Prior to commencing any future resurfacing works, the Requiring Authority shall advise the Manager if any of the triggers in Condition 34(a)(i) – (iv) are not met by the road or a section of it and therefore where the application of asphaltic concrete surfacing (or equivalent low noise road surface) is no longer required on the road or a section of it. Such advice shall also indicate when any resealing is to occur.</u></p>
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Attachments

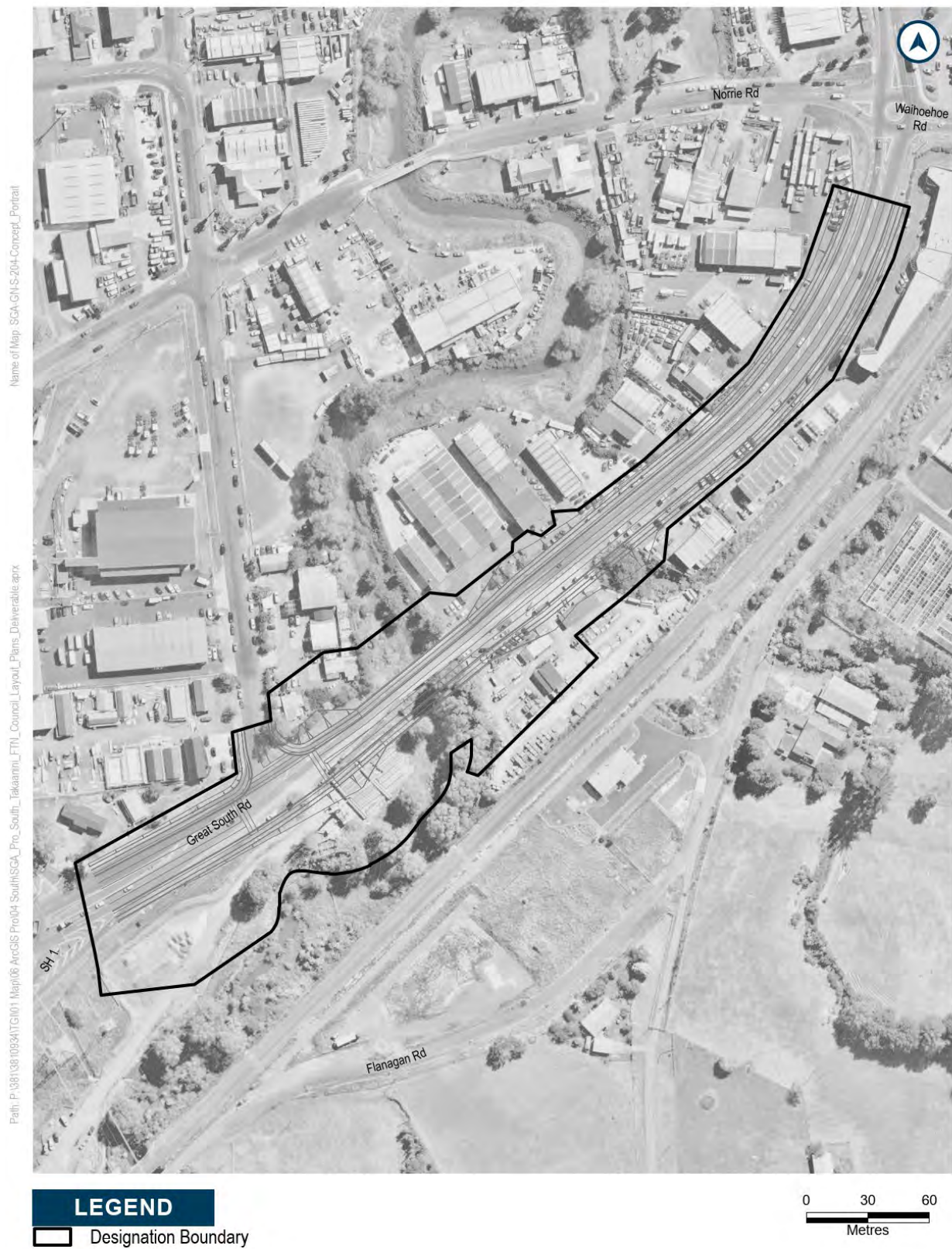
Schedule 1: General accordance plans and information

Project Description

The proposed work is for the construction, operation, and maintenance of upgrades to Great South Road between Waihoehoe Road and the State Highway 1 Drury Interchange. The proposed work is shown in the following Concept Plan and includes:

- a) An upgrade of Great South Road to accommodate general traffic lanes and walking and cycling facilities;
- b) Associated works including intersections, bridges, embankments, retaining walls, culverts, and stormwater management systems;
- c) Reconfiguration of local roads, where the proposed work intersects with local roads; and
- d) Construction activities including vegetation removal, establishment of construction areas and the regrading of driveways.

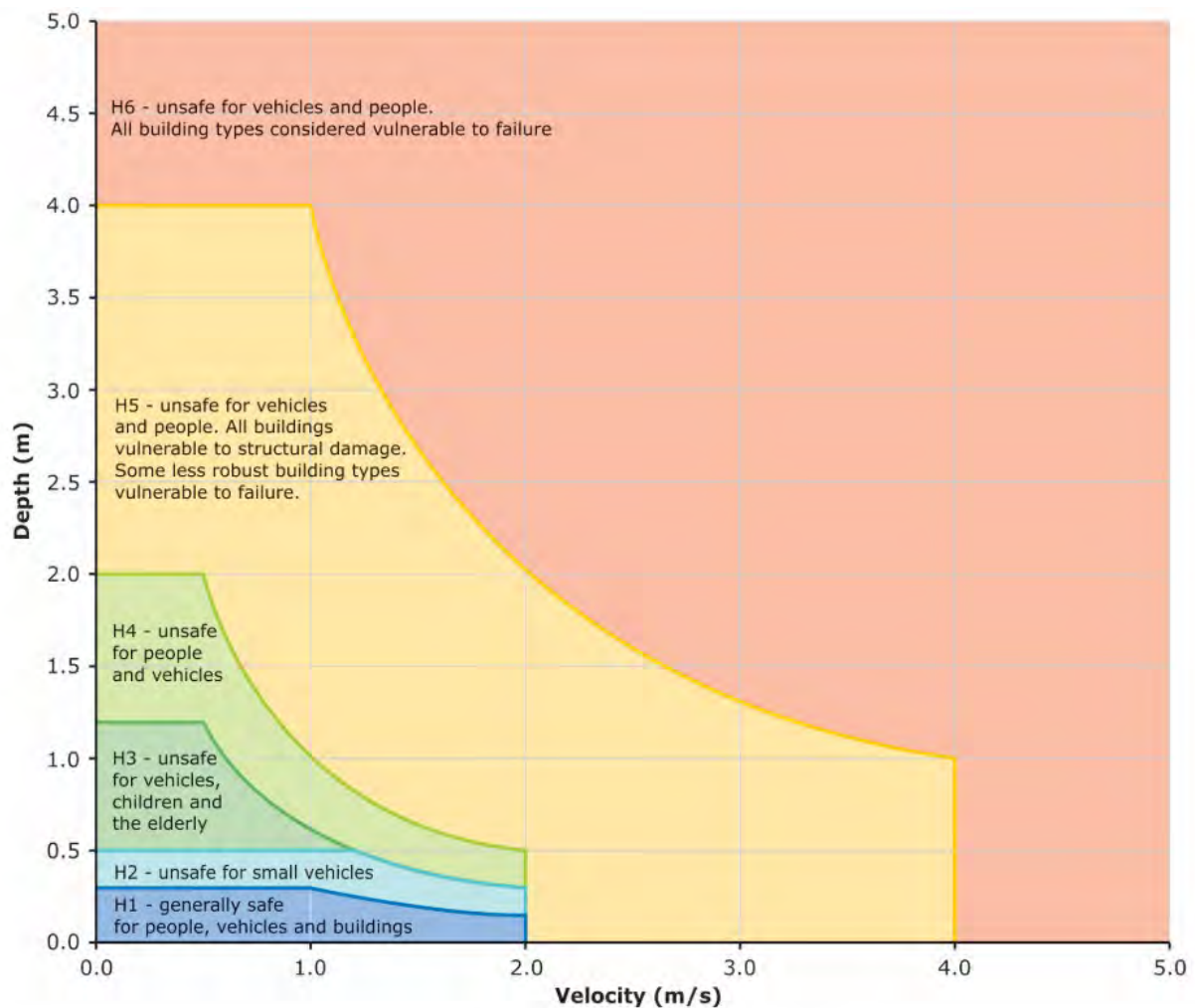
Concept Plan



Schedule 2: Flood Hazard Class

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

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



Source: Australian Rainfall and Runoff, Book 6, 2019

Schedule 3: Identified Native Lizard Habitat Areas

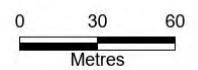
Pre-construction native lizard survey area

<u>Tree No.</u>	<u>Vegetation Type</u>	<u>Tree Species</u>
<u>115</u>	<u>Group of Trees</u>	<u>Willow</u>
<u>116</u>	<u>Group of Trees</u>	<u>Willow</u>



LEGEND

- Tree/Group of Trees
- Designation Boundary



Schedule 4: Trees to be included in the Tree Management Plan

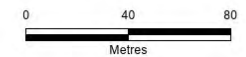
<u>Tree No.</u>	<u>Vegetation Type</u>	<u>Protection</u>	<u>Species</u>
<u>115</u>	<u>Group of Trees</u>	<u>Open Space</u>	<u>Willow</u>
<u>116</u>	<u>Group of Trees</u>	<u>Road Reserve</u>	<u>Willow</u>



LEGEND

□ Designation Boundary

● Tree/Group of Trees



Attachment C

**Auckland Transport South Schedule and designation
conditions 1851 Great South Road Upgrade (Drury Section)
(Clean)**

Designation Schedule - Auckland Transport (3/3)

South

Number	Description	Location
1800	Lapsed	
1801	Lapsed	
1802	Road widening	128 Ormiston Road, Flat Bush
1804	Public off-street parking ...	143 Pakuranga Road, Pakuranga
1805	Car park and service lane	20 and 24 Uxbridge Road, Howick
1806	Road widening	109 and 129 Beachlands Road, 373, 460, 465, 469, 482, 492, 509, 529, 533, 600, 601-605, 639, 645-651, 650, 691, 702, 712, 722, 732, 746, 751, 758, 770, 781, 824, 830, 855, 865-867 and 897 Whitford-Maraetai Road and 49 and 110A Jack Lachlan Drive, Whitford (Stages 5, 6 and 7)
1807	New road (Whitford Bypass)	40, 51, 54, 58, 83, 133, 172, 173, 201, 227, 231, 230, 232, 238, 250, 257, 284, 330, 371, 374, 376 and 385 Whitford Park Road, 2, 21, 35, 91, 97, 101 and 401 Trig Road, 18, 24 and 30 Saleyard Road, 500 Brookby Road, 53 Polo Lane, 1 and 2 Turanga Road, 49 Clifton Road and 46, 53R, 104R, 109, 130, 150, 186, 299, 373 and 404 Whitford-Maraetai Road (Stages 1, 2, 3 and 4)
1808	Road widening	Ormiston Road and Chapel Road, Flat Bush
1809	Road widening	2, 5, 17, 22-38, 47-59, 56-60 and 67 Allens Road, 3-9 Smales Road, 1 and 2 Harris Road, 2 Ross Reid Place and 61 Sir William Avenue, East Tamaki
1810	Car parking asset	24 Hall St, Pukekohe
1811	Public off-street parking ...	27 Moore Street, Howick
1812	Public off-street parking ...	4 Tobin Street, Pukekohe
1813	Public off-street parking ...	21 Wallace Road, Papatoetoe
1814	Withdrawn	
1815	Withdrawn	
1816	Public off-street parking ...	27 Charles Street, Papatoetoe
1817	Public off-street parking ...	2 Davies Avenue, Manukau
1818	Withdrawn	
1819	Public off-street parking ...	41 Moore Street (Fencible Drive), Howick
1820	Public off-street parking ...	1-13 Maich Road, Papakura
1821	Public off-street parking ...	26-32 O'Shannessy Street, Papakura
1822	Public off-street parking ...	8 Davies Avenue, Manukau
1823	Public off-street parking ...	37 Coles Crescent, Papakura
1824	Public off-street parking ...	15 Eric Baker Place, Papatoetoe
1825	Withdrawn	

1826	Public off-street parking ...	1R Newbury Street, Otara
1827	Public off-street parking ...	21 Shirley Road, Papatoetoe
1828	Public off-street parking ...	9 Wellington Street (Picton Street), Howick
1829	Public off-street parking ...	7 Massey Avenue, Pukekohe
1830	Public off-street parking ...	4 Wellington Street, Howick
1831	Public off-street parking ...	1-49 Waddon Place and 121 Bader Drive, Mangere
1832	Public off-street parking ...	Constable Road (corner King Street), Waiuku
1833	Road widening	Flat Bush School Road and Murphys Road, Flat Bush
1834	Road widening	21 and 39 Flat Bush School Road and 66 Thomas Road, Flat Bush
1835	Upgrade intersection at East Tamaki, Ormiston and Preston Roads in Otara	267Z, 279, 279A, 279B, 279C, 279D, 279E, 279F, 279G, 279H, 279I, 283, 285 and 287 East Tamaki Road, 2, 4, 6, 1/6, 2/6, 3/6, 4/6, 5/6, 6/6, 7/6, 8/6 and 8 Ormiston Road and 208, 208A and 243 Preston Road
1836	The purpose of the designation is to enable the Requiring Authority to widen and upgrade the Redoubt Road-Mill Road Corridor. The public works are required in order to provide future corridor capacity to support growth identified within the Takanini and wider southern area and provide an alternate north/south corridor to State Highway 1.	Parts of Redoubt Road, Mill Road and Murphy's Road
1837	Construction, operation and maintenance of an arterial transport corridor	Ponga Road and Ōpāheke Road from Jack Paterson Road intersection to Settlement Road intersection
1838	Construction, operation and maintenance of an arterial transport corridor.	Waihoehoe Road east of Fitzgerald Road to Drury Hills Road
1839	Construction, operation and maintenance of an arterial transport corridor.	Land between Hunua Road and Waihoehoe Road
1840	Construction, operation and maintenance of an arterial transport corridor	Land between Jesmond Road and Waihoehoe Road West
1841	Construction, operation, and maintenance of the Eastern Busway Stage 2.	EB2 is located at Pakuranga Town Centre and encompasses works on Ti Rakau Drive, Pakuranga Road, Reeves Road, Cortina Place and the South-Eastern Highway (SEART).

1842	Construction, operation and maintenance of an upgrade to Puhinui Road between Plunket Avenue and the SH20/20B Interchange for a BRT corridor, walking and cycling facilities and associated infrastructure.	Puhinui Station (in the vicinity of Plunket Avenue) to SH20/20B Interchange
1843	Construction, operation and maintenance of an extension to Puhinui Road between the SH20/20B Interchange and Orrs Road for a BRT corridor, walking and cycling facilities and associated infrastructure.	SH20/20B Interchange to Orrs Road
1844	The construction, operation, and maintenance of a transport corridor.	From the intersection of State Highway 22 and Jesmond Road to the edge of the Future Urban Zone near Runciman Road, Drury.
1845	The construction, operation, and maintenance of transport corridors.	Between the two extents of Sim Road, Paerata across the North Island Main Trunk Rail Line and between Paerata Rail Station and Sim Road, Paerata.
1846	The construction, operation, and maintenance of a new transport corridor.	Between State Highway 22 and Pukekohe East Road.
1847	The construction, operation, and maintenance of an existing transport corridor.	Between Helvetia Road and Svendsen Road.
1848	The construction, operation, and maintenance of a new transport corridor.	Between Helvetia Road and State Highway 22.
1849	Construction, operation and maintenance of the Eastern Busway Stage 3 Commercial (EB3C).	B3C is located in Pakūranga, Burswood and East Tāmaki, from Riverhills Park, through Burswood Drive (west) to Burswood Drive (east), Burswood Esplanade Reserve to Ti Rakau Drive, East Tāmaki.
1850	Construction, operation and maintenance of the Eastern Busway Stage 4 Link (EB4L).	EB4L is located in East Tāmaki from Ti Rakau Drive, from Guys Reserve and Whaka Maumahara to Te Irirangi Drive, Botany.
1851	To construct, operate and maintain upgrades to an arterial transport corridor and associated infrastructure	Great South Road in Drury between Waihoehoe Road and the State Highway 1 Drury Interchange

1851 Great South Road Upgrade (Drury Section)

Designation Number	1851
Requiring Authority	Auckland Transport
Location	Great South Road in Drury between Waihoehoe Road and the State Highway 1 Drury Interchange
Lapse Date	In accordance with section 184(1)(c) of the RMA, this designation shall lapse if not given effect to within 10 years from the date on which it is included in the AUP.

Purpose

To construct, operate and maintain upgrades to an arterial transport corridor and associated infrastructure

Conditions

Abbreviations and definitions

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

Council	Auckland Council
CTMP	Construction Traffic Management Plan
Developer	Any legal entity that intends to master plan or develop land adjacent to the designation.
Development Agency	Public entities involved in development projects.
Educational Facility	Facility used for education to secondary level. Includes: (a) schools and outdoor education facilities; and (b) accommodation, administrative, cultural, religious, health, retail and communal facilities accessory to the above. Excludes: (a) care centres; and (b) tertiary education facilities.
EIANZ Guidelines	Ecological Impact Assessment: EIANZ guidelines for use in New Zealand: terrestrial and freshwater ecosystems, second edition, dated May 2018.
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 Native Lizard Habitat 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 on native lizards, prior to implementation of impact management measures, as determined in accordance with the EIANZ guidelines.
LMP	Lizard Management Plan
Manager	The Manager – Resource Consents of the Auckland Council, or authorised delegate.
Mana Whenua	Mana Whenua as referred to in the conditions are considered to be, but not limited to, the following (in no particular order), who at the time of Notice of Requirement expressed a desire to be involved in the project: (a) Te Ākitai Waiohū; (b) Ngāi Tai ki Tāmaki; (c) Ngāati Te Ata Waiohū; (d) Ngāati Whanaunga; (e) Ngāti Tamaoho; (f) Ngāti Paoa Trust Board; (g) Te Ahiwaru Waiohū; (h) Ngāti Tamaterā; and

	(i) Ngāti Maru. Note: Other iwi not identified above may have an interest in the project and should be consulted
Network Utility Operator	Has the same meaning as set out in section 166 of the RMA.
NIMP	Network Integration Management Plan
NUMP	Network Utilities Management Plan
NOR	Notice of Requirement
NZAA	New Zealand Archaeological Association
Outline Plan	An outline plan prepared in accordance with section 176A of the RMA.
Project Liaison Person	The person or persons appointed for the duration of the project's Construction Works to be the main point of contact for persons wanting information about the project or affected by the Construction Works.
Protected Premises and Facilities (PPF)	Protected Premises and Facilities as defined in New Zealand Standard NZS 6806:2010: <i>Acoustics – Road-traffic noise – New and altered roads</i> .
Requiring Authority	Has the same meaning as section 166 of the RMA and, for this designation is Auckland Transport.
RMA	Resource Management Act 1991
SCEMP	Stakeholder Communication and Engagement Management Plan
Stakeholder	Stakeholders to be identified in accordance with Condition 4, which may include as appropriate: (a) adjacent owners and occupiers; (b) adjacent business owners and operators; (c) central and local government bodies; (d) community groups; (e) developers; (f) development agencies; (g) 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

General conditions	
1.	<p>Activity in General Accordance with Plans and Information</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 following in Schedule 1:</p> <ul style="list-style-type: none"> (i) the project description; and (ii) concept plan. <p>(b) Where there is inconsistency between:</p> <ul style="list-style-type: none"> (i) the project description and concept plan in Schedule 1 and the requirements of the following conditions, the conditions shall prevail; (ii) the project description and concept plan in Schedule 1, and the management plans under the conditions of the designation, the requirements of the management plans shall prevail.
2.	<p>Project Information</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"> (i) the status of the project; (ii) anticipated construction timeframes; (iii) contact details for enquiries; (iv) the implications of the designation for landowners, occupiers and business owners and operators within the designation and where they can receive additional advice; (v) a subscription service to enable receipt of project updates by email; and (vi) when and how to apply for consent for works in the designation under section 176(1)(b) of the RMA. <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>Land Use Integration Process</p> <p>(a) The Requiring Authority shall set up a Land use Integration Process for the period between confirmation of the designation and the Start of Construction. The purpose of this process is to encourage and facilitate the integration of master planning and land use development activity on land directly affected or adjacent to the designation. To achieve this purpose:</p> <ul style="list-style-type: none"> (i) the Requiring Authority shall include the contact details of a nominated contact on the project website (or equivalent information source) required to be established by Condition (2)(b)(iii); and (ii) the nominated contact shall be the main point of contact for a Developer or Development Agency wanting to work with the Requiring Authority to integrate their development plans or master planning with the designation. <p>(b) At any time prior to the Start of Construction, the nominated contact will be available to engage with a Developer or Development Agency for the purpose of:</p> <ul style="list-style-type: none"> (i) responding to requests made to the Requiring Authority for information regarding design details that could assist with land use integration; and (ii) receiving information from a Developer or Development Agency regarding master planning or land development details that could assist with land use integration. <p>(c) Information requested or provided under Condition 3(b) above may include but not be limited to the following matters:</p> <ul style="list-style-type: none"> (i) design details including but not limited to: <ul style="list-style-type: none"> A boundary treatment (e.g. the use of retaining walls or batter slopes); B the horizontal and vertical alignment of the road (levels); C potential locations for mid-block crossings; D integration of stormwater infrastructure; E traffic noise modelling contours; and F outputs from flood modelling. (ii) potential modifications to the extent of the designation in response to the information received through Condition 3(b)(ii); (iii) a process for the Requiring Authority to undertake a technical review of or provide comments on any master planning or development proposal advanced by the Developer or Development Agency as it relates to integration with the project; and (iv) details of how to apply for written consent from the Requiring Authority for any development proposal that relates to land that is within the designation under section 176(1)(b) of the RMA. <p>(d) Where information is requested from the Requiring Authority and is available, the nominated contact shall provide the information unless there are reasonable grounds for not providing it.</p> <p>(e) The nominated contact shall maintain a record of the engagement between the Requiring Authority and Developers and Development Agencies for the period following the date in which this designation is included in the AUP through to the Start of Construction for a Stage of Work. The record shall include:</p> <ul style="list-style-type: none"> (i) details of any requests made to the Requiring Authority that could influence detailed design, the results of any engagement and, where such requests that could influence detailed design are declined, the reasons why the Requiring Authority has declined the requests; and (ii) details of any requests to co-ordinate the forward work programme, where appropriate, with Development Agencies and Network Utility Operators. <p>(f) The record shall be submitted to Council for information 10 working days prior to the Start of Construction for a Stage of Work</p>
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4.	<p>Stakeholder Communication and Engagement Design</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"> (i) a list of Stakeholders; (ii) a list of properties within the designation which the Requiring Authority does not own or have occupation rights to; and (iii) methods to engage with Stakeholders and the owners and occupiers of properties identified in (a)(i) – (ii) above. <p>(b) A record of (a) shall be submitted to the Manager for information with an Outline Plan for the relevant Stage of Work.</p> <p>(c) The purpose of this identification and engagement design process is to inform future engagement processes during detailed design and construction phases for a Stage of Work.</p>
5.	<p>Designation Review</p> <p>The Requiring Authority shall within six months of Completion of Construction or as soon as otherwise practicable:</p> <ul style="list-style-type: none"> (a) 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 (b) give notice to the Manager in accordance with section 182 of the RMA for the removal of those parts of the designation identified above.
6.	<p>Lapse</p> <p>In accordance with section 184(1)(c) of the RMA, this designation shall lapse if not given effect to within 10 years from the date on which it is included in the AUP.</p>
7.	<p>Network Utility Operators and Auckland Council (Section 176 Approval)</p> <ul style="list-style-type: none"> (a) Prior to the start of Construction Works, Network Utility Operators with existing infrastructure and Auckland Council in relation to parks located within the designation will not require written consent under section 176 of the RMA for the following activities: <ul style="list-style-type: none"> (i) operation, maintenance and repair works; (ii) minor renewal works to existing network utilities or parks necessary for the on-going provision or security of supply of network utility operations; (iii) minor works such as new service connections; and (iv) the upgrade and replacement of existing network utilities in the same location with the same or similar effects on the works authorised by the designation as the existing utility. (b) To the extent that a record of written approval is required for the activities listed above, this condition shall constitute written approval.

Pre-construction conditions	
8.	<p>Outline Plan</p> <ul style="list-style-type: none"> (a) An Outline Plan (or Plans) shall be prepared in accordance with section 176A of the RMA. (b) Outline Plans (or Plan) may be submitted in parts or in stages to address particular activities (e.g. design or construction aspects), or a Stage of Work of the project. (c) Outline Plans shall include any management plan or plans that are relevant to the management of effects of those activities or Stage of Work, which may include: <ul style="list-style-type: none"> (i) Network Integration Management Plan; (ii) Urban and Landscape Design Management Plan; (iii) Construction Environmental Management Plan; (iv) Construction Traffic Management Plan; (v) Construction Noise and Vibration Management Plan; (vi) Historic Heritage Management Plan; (vii) Lizard Management Plan; (viii) Tree Management Plan; and (ix) Network Utilities Management Plan.
	<p>Flood Hazard</p> <p>For the purpose of Condition 9:</p> <ul style="list-style-type: none"> (a) AEP – means Annual Exceedance Probability; (b) Existing Authorised Habitable Floor – means the floor level of any room (floor) in a residential building which is authorised and exists at the time the outline plan is submitted, excluding a laundry, bathroom, toilet or any room used solely as an entrance hall, passageway or garage; (c) Flood Prone Area – means a potential ponding areas that may flood in a 1% AEP event and commonly comprise of topographical depression areas. The areas can occur naturally or as a result of constructed features. Identification of a potential Flood Prone Area would be by an assessment of residual flood risk in a 1% AEP event (e.g. from blockage of the project stormwater network) on land outside and adjacent to the designation following the application of Conditions 9(a)(i)-(iv); (d) Maximum Probable Development – is the design case for consideration of future flows allowing for development within a catchment that takes into account the maximum impervious surface limits of the current zone or if the land is zoned Future Urban in the AUP, the probable level of development arising from zone changes; (e) Pre-Project development – means existing site condition prior to the project (including existing buildings and roadways); and (f) Post-Project development – means site condition after the project has been completed (including existing and new buildings and roadways).

<p>9.</p>	<p>Flood Hazard</p> <p>(a) The project shall be designed to achieve the following flood risk outcomes beyond the boundary of the designation:</p> <ul style="list-style-type: none"> (i) no increase in flood levels in a 1% AEP event for Existing Authorised Habitable Floors that are already subject to flooding or have a freeboard less than 500mm; (ii) no increase in flood levels in a 1% AEP for authorised community, commercial, industrial and network utility building floors existing at the time the Outline Plan is submitted that are already subject to flooding or have a freeboard less than 300mm; (iii) maximum of 50mm increase in flood levels in a 1% AEP event outside and adjacent to the designation between the Pre-Project Development and Post-Project Development scenarios; (iv) no increase of Flood Hazard Class for the main access to authorised habitable dwellings existing at time the Outline Plan is submitted. The assessment shall be undertaken for the 1% AEP rainfall event and reference the hazard class in accordance with Schedule 2 to these conditions; and (v) no new flood prone areas. <p>(b) Compliance with this condition shall be demonstrated in the Outline Plan, which shall include flood modelling of the Pre-Project Development and Post-Project Development 1% AEP flood levels (for Maximum Probable Development land use and including climate change).</p> <p>(c) Where:</p> <ul style="list-style-type: none"> (i) the flood risk outcomes in (a) can be achieved through alternative measures outside of the designation such as flood stop banks, flood walls, raising Existing Authorised Habitable Floor level and new overland flow paths; or (ii) the outcomes are varied at a specific location(s) through agreement with the relevant landowner, <p>confirmation shall be provided to the Manager that any necessary landowner and statutory approvals have been obtained for that alternative measure or varied outcome.</p>
<p>10.</p>	<p>Existing property access</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 agreed with the affected landowner. This condition does not apply to business-zoned land.</p>

11.	<p>Existing business property access</p> <p>(a) 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.</p> <p>(b) Where vehicle access to a property within business-zoned land will be altered by the project, the Outline Plan shall demonstrate how safe access will be provided that:</p> <ul style="list-style-type: none"> (i) maintains and promotes the safe, effective, and efficient operation of the transport network; (ii) recognises the role and function of all accesses including for loading and unloading of goods to the site; and (iii) subject to achieving (i), also provides effective and efficient access to the site where practicable. <p>(c) Where an alternative outcome has been agreed that does not comply with Condition 11(b), the Outline Plan shall provide details of the alternative outcome and how the safe, effective, and efficient operation of the transport network will be maintained.</p> <p>Advice note: Condition 11 does not affect Auckland Transport's ability to exercise its statutory Road Controlling Authority powers to modify traffic or parking controls.</p>
12.	<p>Management Plans</p> <p>(a) Any management plan shall:</p> <ul style="list-style-type: none"> (i) be prepared and implemented in accordance with the relevant management plan condition; (ii) be prepared by a Suitably Qualified Person(s); (iii) include sufficient detail relating to the management of effects associated with the relevant activities and/or Stage of Work to which it relates. (iv) be submitted as part of an Outline Plan pursuant to section 176A of the RMA, with the exception of SCEMPs and CNVMP Schedules; and (v) once finalised, uploaded to the project website or equivalent virtual information source. <p>(b) Any management plan developed in accordance with Condition 12 may:</p> <ul style="list-style-type: none"> (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; (ii) except for material changes, be amended to reflect any changes in design, construction methods or management of effects without further process; <p>(c) Information shall be submitted with the management plan (or revised plan as referred to in (d) below) which summarises outcomes of consultation and any input received from Mana Whenua and Stakeholders as required by the relevant management plan condition. The summary shall note how this input has been incorporated or reflected in the management plan, or if not, the reasons why;</p> <p>(d) If there is a material change required to a management plan which has been submitted with an Outline Plan, the revised part of the plan shall be submitted to the Manager as an update to the Outline Plan or for Certification as soon as practicable following identification of the need for a revision; and</p> <p>(e) Any material changes to the SCEMPs are to be submitted to the Manager for information.</p>

13.	<p>Stakeholder Communication and Engagement Management Plan (SCEMP)</p> <p>(a) A SCEMP shall be prepared in consultation with relevant Stakeholders prior to the Start of Construction. The objective of the SCEMP is to identify how the public and Stakeholders will be engaged with throughout the Construction Works.</p> <p>(b) To achieve the objective, the SCEMP shall include:</p> <ul style="list-style-type: none"> (i) a list of Stakeholders; (ii) the contact details for the Project Liaison Person. These details shall be on the project website, or equivalent virtual information source, and prominently displayed at the main entrance(s) to the site(s); (iii) methods and timing to engage with owners and occupiers whose access is directly affected; (iv) methods to communicate key project milestones and the proposed hours of construction activities including outside of normal working hours and on weekends and public holidays, to the parties identified in (b)(i) above; and (v) linkages and cross-references to communication and engagement methods set out in other conditions and management plans where relevant. <p>(c) Any SCEMP prepared for a Stage of Work shall be submitted to the Manager for information a minimum of 10 working days prior to the Start of Construction for a Stage of Work.</p>
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14.	<p>Cultural Advisory Report</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"> (i) identifies the cultural sites, landscapes and values that have the potential to be affected by the construction and operation of the project; (ii) sets out the desired outcomes for management of potential effects on cultural sites, landscapes and values; (iii) identifies traditional cultural practices within the area that may be impacted by the project; (iv) identifies opportunities for restoration and enhancement of identified cultural sites, landscapes and values within the project area; (v) taking into account the outcomes of (i) to (iv) above, identify cultural matters and principles that should be considered in the development of the ULDMP referred to in Condition 17, HHMP referred to in Condition 28 and the CMP referred to in Condition 22; and (vi) identifies and (if possible) nominates traditional names along the project alignment. Noting there may be formal statutory processes outside the project required in any decision-making. <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; and</p> <p>(d) Conditions 14(a) and (b) above will cease to apply if:</p> <ul style="list-style-type: none"> (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 (ii) Mana Whenua have not provided a Cultural Advisory Report within six months prior to start of Construction Works.
15.	<p>Network Integration Management Plan (NIMP)</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 NIMP. The objective of the NIMP is to identify how the project will integrate with the planned transport network in the Takaanini growth area to achieve an effective, efficient and safe land transport system.</p> <p>(b) To achieve this objective, the NIMP shall include details of the:</p> <ul style="list-style-type: none"> (i) project implementation approach and any staging of the project, including both design, management and operational matters; and (ii) sequencing of the project with the planned transport network, including both design, management and operational matters.

16.	<p>Mana Whenua Kaitiaki Forum</p> <p>(a) At least 12 months prior to the start of detailed design for a Stage of Work, the Requiring Authority shall invite Mana Whenua to establish a Mana Whenua Kaitiaki Forum. The objective of the Mana Whenua Kaitiaki Forum is to provide a forum for Mana Whenua to participate as partners in all phases of the project.</p> <p>(b) To achieve the objective, the Mana Whenua Kaitiaki Forum shall address (as a minimum) the following matters:</p> <ul style="list-style-type: none"> (i) how Mana Whenua will provide input into the design of the project. For example: <ul style="list-style-type: none"> A how Mana Whenua values and narrative are incorporated through the form of the project and associated structures; B how pou, art, sculptures, mahi toi or any other features located on land within or adjoining the project will be provided in a manner that represents the Māori history of the area and promotes a distinctiveness or sense of place; (ii) how Mana Whenua will be engaged in the preparation of management plans and future consenting processes; (iii) how mātauranga Māori and tikanga Māori will be recognised in all phases of the project; (iv) where opportunities for Mana Whenua to participate in engagement with local communities, business associations, social institutions and community groups will be provided; (v) where opportunities for Mana Whenua to support the physical, mental, social and economic wellbeing for iwi and the local community will be provided through the project. This could include: <ul style="list-style-type: none"> A planting supplied through Mana Whenua and community based nurseries; B local schools being involved in planting; and C scholarships, cadetships and job creation. (vi) the Requiring Authority shall provide reasonable resourcing, technical and administrative support for Mana Whenua including organising meetings at a local venue and the taking and dissemination of meeting minutes; (vii) the frequency of meetings shall be agreed between the Requiring Authority and Mana Whenua; and (viii) prior to the Start of Construction, the Requiring Authority shall produce a record of the Mana Whenua Kaitiaki Forum. The record of the Mana Whenua Kaitiaki Forum shall be provided to Mana Whenua and shall include (but not be limited to): <ul style="list-style-type: none"> A details of how Mana Whenua have participated as partners in the project; B details of how the matters set out in (b) will be incorporated into the project; C how the objective of the Mana Whenua Kaitiaki Forum has been and will continue to be met; and D details of how comments from Mana Whenua have been incorporated into the project and where not incorporated, the reasons why. <p>(c) Mana Whenua shall be invited to identify and (if possible) nominate traditional names across the project such as for bridge structures. Noting there may be formal statutory processes outside the project required in any decision making.</p>
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	(d) The Mana Whenua Kaitiaki Forum shall continue to meet for at least six months following Completion of Construction or as agreed with Mana Whenua.
	Urban and Landscape Design Management Plan (ULDMP)
17.	<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"> (i) enable integration of the project's permanent works into the surrounding landscape and urban context; and (ii) ensure that the project manages potential adverse landscape and visual effects as far as practicable and contributes to a quality urban environment. <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 the Cultural Advisory Report (Condition 14) and/or through the Mana Whenua Kaitiaki Forum (Condition 16) 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>
18.	<p>(a) To achieve the objective set out in Condition 17, the ULDMP(s) shall provide details of how the project:</p> <ul style="list-style-type: none"> (i) is designed to integrate with the adjacent urban (or proposed urban) and landscape context, including the surrounding existing or proposed topography, urban environment (e.g. centres and density of built form), natural environment, landscape character and open space zones; (ii) provides appropriate walking and cycling connectivity to, and interfaces with, existing or proposed adjacent land uses (including public transport and walking and cycling facilities); (iii) promotes inclusive access (where appropriate); (iv) promotes a sense of personal safety by aligning with best practice guidelines, such as: <ul style="list-style-type: none"> A Crime Prevention Through Environmental Design (CPTED) principles; B Safety in Design (SID) requirements; and C Maintenance in Design (MID) requirements and anti-vandalism/anti-graffiti measures. (v) has responded to matters identified through the Land use Integration Process (Condition 3); and <p>(b) The ULDMP shall be prepared in general accordance with:</p> <ul style="list-style-type: none"> (i) Auckland Transport's Urban Roads and Streets Design Guide or any subsequent updated version; (ii) New Zealand Transport Agency Urban Design Guidelines: Bridging the Gap (2013) or any subsequent updated version; (iii) New Zealand Transport Agency Landscape Guidelines (2013) or any subsequent updated version; (iv) New Zealand Transport Agency P39 Standard Specification for Highway Landscape Treatments (2013) or any subsequent updated version; and (v) Auckland's Urban Ngahere (Forest) Strategy or any subsequent updated version.

19.	<p>The ULDMP(s) shall include:</p> <ul style="list-style-type: none"> (a) A concept plan – which depicts the overall landscape and urban design concept, and explain the rationale for the landscape and urban design proposals; (b) Developed design concepts, including principles for walking and cycling facilities and public transport; (c) Landscape and urban design details – that cover the following: <ul style="list-style-type: none"> (i) road design – elements such as intersection form, carriageway gradient and associated earthworks contouring including cut and fill batters and the interface with adjacent land uses and existing roads (including slip lanes), benching, spoil disposal sites, median width and treatment, roadside width and treatment; (ii) roadside elements – such as lighting, fencing, wayfinding and signage; (iii) architectural and landscape treatment of all major structures, including bridges and retaining walls; (iv) architectural and landscape treatment of noise barriers; (v) landscape treatment and planting of permanent stormwater control wetlands and swales; (vi) integration of passenger transport; (vii) pedestrian and cycle facilities including paths, road crossings and dedicated pedestrian/ cycle bridges or underpasses; (viii) historic heritage places with reference to the HHMP (Condition 28); and (ix) re-instatement of construction and site compound areas; and (x) features disturbed during construction and intended to be reinstated such as: <ul style="list-style-type: none"> A boundary features; B driveways; C accessways; and D fences (d) The ULDMP shall also include the following planting and maintenance details: <ul style="list-style-type: none"> (i) planting design details including: <ul style="list-style-type: none"> A identification of existing trees and vegetation that will be retained with reference to the TMP and LMP. Where practicable, mature trees and native vegetation should be retained; B street trees, shrubs and ground cover suitable for the location; C treatment of fill slopes to integrate with adjacent land use, streams, riparian margins and open space zones; D identification of any planting requirements under the LMP (Condition 30) and TMP (Condition 31); E integration of any planting required by conditions of any resource consents for the project; and F re-instatement planting of construction and site compound areas as appropriate. (ii) a planting programme including the staging of planting in relation to the construction programme which shall, as far as practicable, include provision for planting within each planting season following completion of each Stage of Work; and (iii) detailed specifications relating to the following:
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	<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; and</p> <p>E plant sourcing and planting, including hydroseeding and grassing, and use of eco-sourced species.</p>
Construction conditions	
20.	<p>Construction Environmental Management Plan (CEMP)</p> <p>(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>(b) To achieve the objective, the CEMP shall include:</p> <ul style="list-style-type: none"> (i) the roles and responsibilities of staff and contractors; (ii) details of the site or project manager and the Project Liaison Person, including their contact details (phone and email address); (iii) the Construction Works programmes and the staging approach, and the proposed hours of work; (iv) details of the proposed construction yards including temporary screening when adjacent to residential areas; (v) details of the proposed construction lighting; (vi) methods for controlling dust and the removal of debris and demolition of construction materials from public roads or places; (vii) methods for providing for the health and safety of the general public; (viii) measures to mitigate flood hazard effects such as siting stockpiles out of floodplains, minimising obstruction to flood flows, actions to respond to warnings of heavy rain; (ix) procedures for incident management; (x) location and procedures for the refuelling and maintenance of plant and equipment to avoid discharges of fuels or lubricants to watercourses; (xi) measures to address the storage of fuels, lubricants, hazardous and/or dangerous materials, along with contingency procedures to address emergency spill response(s) and clean up; (xii) procedures for responding to complaints about Construction Works; and (xiii) methods for amending and updating the CEMP as required.

21.	<p>Complaints Process</p> <p>(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"> (i) the date, time and nature of the complaint; (ii) the name, phone number and address of the complainant (unless the complainant wishes to remain anonymous); (iii) measures taken to respond to the complaint (including a record of the response provided to the complainant) or confirmation of no action if deemed appropriate; (iv) the outcome of the investigation into the complaint; and (v) any other activities in the area, unrelated to the project that may have contributed to the complaint, such as non-project construction, fires, traffic accidents or unusually dusty conditions generally. <p>(b) A copy of the complaints record required by this condition shall be made available to the Manager upon request as soon as practicable after the request is made.</p>
22.	<p>Cultural Monitoring Plan (CMP)</p> <p>(a) Prior to the Start of Construction, a CMP shall be prepared by a Suitably Qualified Person(s) identified in collaboration with Mana Whenua. The objective of the CMP is to identify methods for undertaking cultural monitoring to assist with management of any cultural effects during Construction Works.</p> <p>(b) To achieve the objective, the CMP shall include:</p> <ul style="list-style-type: none"> (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; (ii) requirements and protocols for cultural inductions for contractors and subcontractors; (iii) identification of activities, sites and areas where cultural monitoring is required during particular Construction Works; (iv) identification of personnel to undertake cultural monitoring, including any geographic definition of their responsibilities; and (v) details of personnel to assist with management of any cultural effects identified during cultural monitoring, including implementation of the Accidental Discovery Protocol <p>(c) If Enabling Works involving soil disturbance are undertaken prior to the Start of Construction, an Enabling Works CMP shall be prepared by a Suitably Qualified Person identified in collaboration with Mana Whenua. This plan may be prepared as a standalone Enabling Works CMP or be included in the main Construction Works CMP.</p> <p>Advice Note: Where appropriate, the CMP shall align with the requirements of other conditions of the designation and resource consents for the project which require monitoring during Construction Works.</p>

23.	<p>Construction Traffic Management Plan (CTMP)</p> <p>(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>(b) To achieve this objective, the CTMP shall include:</p> <ul style="list-style-type: none"> (i) methods to manage the effects of temporary traffic management activities on traffic; (ii) measures to ensure the safety of all transport users; (iii) the estimated numbers, frequencies, routes and timing of traffic movements, including any specific non-working or non-movement hours to manage vehicular and pedestrian traffic near Educational Facilities or to manage traffic congestion; (iv) site access routes and access points for heavy vehicles, the size and location of parking areas for plant, construction vehicles and the vehicles of workers and visitors; (v) identification of detour routes and other methods to ensure the safe management and maintenance of traffic flows, including public transport, pedestrians and cyclists; (vi) methods to maintain access to and within property and/or private roads where practicable, or to provide alternative arrangements when it will not be, including details of how access is managed for loading and unloading of goods. Engagement with landowners and occupiers whose access is directly affected shall be undertaken in accordance with Condition 13(b)(iii); (vii) the management approach to loads on heavy vehicles, including covering loads of fine material, the use of wheel-wash facilities at site exit points and the timely removal of any material deposited or spilled on public roads; (viii) methods that will be undertaken to communicate traffic management measures to affected road users (e.g. residents/ public/ Stakeholders/ emergency services); (ix) details of minimum network performance parameters during the construction phase, including any measures to monitor compliance with the performance parameters; and (x) details of any measures proposed to be implemented in the event of thresholds identified in (ix) being exceeded. <p>(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 2013) or any subsequent version.</p>
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24.

Construction Noise Standards

(a)

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

Table 24-1 Construction Noise Standards

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

(b)

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

25.

Construction Vibration Standards

(a)

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

Table 25-1 Construction Vibration Standards

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

(b)

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

26.	<p>Construction Noise and Vibration Management Plan (CNVMP)</p> <p>(a) A CNVMP shall be prepared by a Suitably Qualified and Experienced Person prior to the Start of Construction for a Stage of Work. A CNVMP shall be implemented during the Stage of Work to which it relates. The objective of the CNVMP is to provide a framework for the development and implementation of the Best Practicable Option for the management of construction noise and vibration effects to achieve the construction noise and vibration standards set out in Conditions 24 and 25 to the extent practicable.</p> <p>(b) To achieve the objective, the CNVMP shall be prepared in accordance with Annex E2 of the New Zealand Standard NZS6803:1999 '<i>Acoustics – Construction Noise</i>' (NZS6803:1999) and shall as a minimum, address the following:</p> <ul style="list-style-type: none"> (i) description of the works and anticipated equipment/processes; (ii) hours of operation, including times and days when construction activities would occur; (iii) the construction noise and vibration standards for the project; (iv) identification of receivers where noise and vibration standards apply; (v) a hierarchy of management and mitigation options, including any requirements to limit night works and works during other sensitive times, including Sundays and public holidays as far as practicable ; (vi) methods and frequency for monitoring and reporting on construction noise and vibration; (vii) procedures for communication and engagement with nearby residents and Stakeholders, including notification of proposed construction activities, the period of construction activities, and management of noise and vibration complaints; (viii) contact details of the Project Liaison Person; (ix) procedures for the regular training of the operators of construction equipment to minimise noise and vibration as well as expected construction site behaviours for all workers; (x) procedures and requirements for the preparation of a Schedule to the CNVMP (Schedule) for those areas where compliance with the noise Condition 24 and/or vibration standards Condition 25 Category B will not be practicable; (xi) identification of trigger levels for undertaking building condition surveys, which shall be Category B day time levels; (xii) procedures and trigger levels for undertaking building condition surveys before and after works to determine whether any cosmetic or structural damage has occurred as a result of construction vibration; (xiii) methodology and programme of desktop and field audits and inspections to be undertaken to ensure that CNVMP, Schedules and the Best Practicable Option for management of effects are being implemented; and (xiv) requirements for review and update of the CNVMP.
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27.	<p>Schedule to a CNVMP</p> <p>(a) A Schedule to the CNVMP (Schedule) shall be prepared prior to the Start of Construction of an activity to which it relates by a Suitably Qualified Person, in consultation with the owners and occupiers of sites subject to the Schedule, when:</p> <ul style="list-style-type: none"> (i) construction noise is either predicted or measured to exceed the noise standards in Condition 24 except where the exceedance of the L_{Aeq} criteria is no greater than 5 decibels and does not exceed: <ul style="list-style-type: none"> A 0630 – 2000: 2 periods of up to 2 consecutive weeks in any 2 months, or B 2000 - 0630: 1 period of up to 2 consecutive nights in any 10 days. (ii) construction vibration is either predicted or measured to exceed the Category B standard at the receivers in Condition 25. <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.</p> <p>(c) To achieve the objective, the Schedule shall include details such as:</p> <ul style="list-style-type: none"> (i) construction activity location, start and finish dates; (ii) the nearest neighbours to the construction activity; (iii) the predicted noise and/or vibration level for all receivers where the levels are predicted or measured to exceed the applicable standards and predicted duration of the exceedance; (iv) for works proposed between 2000h and 0630h, the reasons why the proposed works must be undertaken during these hours and why they cannot be practicably undertaken during the daytime; (v) the proposed mitigation options that have been selected, and the options that have been discounted as being impracticable and the reasons why; (vi) the consultation undertaken with owners and occupiers of sites subject to the Schedule, and how consultation has and has not been taken into account; and (vii) location, times and types of monitoring. <p>(d) The Schedule shall be submitted to the Manager for Certification at least five working days (except in unforeseen circumstances) in advance of Construction Works that are covered by the scope of the Schedule and shall form part of the CNVMP.</p> <p>(e) The CNVMP Schedule shall be deemed certified five working days from the submission of the CNVMP Schedule where no written confirmation of Certification has been received.</p> <p>(f) Where material changes are made to a Schedule required by this condition, the Requiring Authority shall consult the owners and/or occupiers of sites subject to the Schedule prior to submitting the amended Schedule to the Manager for Certification in accordance with (d) above. The amended Schedule shall document the consultation undertaken with those owners and occupiers, and how consultation outcomes have and have not been taken into account.</p>
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28.	<p>Historic Heritage Management Plan (HHMP)</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"> (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 the Mana Whenua Kaitiaki Forum (Condition 16) and CAR (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 mitigation 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"> 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 accidental and/or unexpected discoveries, 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 and Condition 16.
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	<p>Accidental Discoveries</p> <p>Advice Note:</p> <p>The requirements for accidental discoveries of heritage items are set out in Rule E11.6.1 of the AUP</p>
29.	<p>Pre-Construction Lizard Survey</p> <p>(a) At the start of detailed design for a Stage of Work, an updated survey of native lizards and their habitat in the locations shown in Schedule 3 shall be undertaken by a Suitably Qualified Person. The purpose of the survey is to inform lizard management by:</p> <ul style="list-style-type: none"> (i) confirming whether the native lizards of value within the locations shown in Schedule 3 are still present; and (ii) confirming whether the project will or may have a moderate or greater level of ecological effect on native lizards of value in those locations, prior to implementation of impact management measures, as determined in accordance with the EIANZ guidelines. <p>(b) If the survey confirms the presence of native lizards of value in accordance with Condition 29(a)(i) and that effects are likely in accordance with Condition 29(a)(ii) then a Lizard Management Plan (or Plans) shall be prepared in accordance with Condition 30 for these areas (Confirmed Lizard Management Plan Areas).</p>
30.	<p>Lizard Management Plan (LMP)</p> <p>(a) A LMP shall be prepared for any Confirmed Lizard Management Plan Areas (in accordance with Condition 29) prior to the Start of Construction for a Stage of Work. The objective of the LMP is to minimise effects of the project on native lizards of value in Confirmed Lizard Management Plan Areas as far as practicable.</p> <p>(b) To achieve the objective, the LMP shall set out the methods which may include:</p> <ul style="list-style-type: none"> (i) a description of the methodology and timing for survey, trapping and relocation of native lizards rescued; (ii) a description of the relocation site(s), including: <ul style="list-style-type: none"> A any measures to ensure the relocation site is suitable protected and remains viable (e.g. covenants, consent notices etc.); B any measures to ensure the relocation site is suitably managed to ensure appropriate habitat for native lizards (e.g. provision of additional refugia, weed and pest management); and (iii) any proposed monitoring of relocation sites if necessary to evaluate translocation success. <p>(c) The LMP shall be consistent with any native lizard management measures to be undertaken in compliance with conditions of any regional resource consents granted for the project.</p> <p>Advice Note:</p> <p>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"> (i) stream and/or wetland restoration plans; (ii) vegetation restoration plans; and (iii) fauna management plans (eg avifauna, bats).

31.	<p>Tree Management Plan (TMP)</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 in Schedule 4.</p> <p>(b) To achieve the objective, the TMP shall:</p> <ul style="list-style-type: none"> (i) confirm that the trees listed in Schedule 4 still exist; and (ii) demonstrate how the design and location of project works has avoided, remedied or mitigated any effects on any tree listed in Schedule 4. This may include: <ul style="list-style-type: none"> A planting to replace trees that require removal (with reference to the ULDMP planting design details in Condition 19); B tree protection zones and tree protection measures such as protective fencing, ground protection and physical protection of roots, trunks and branches; and C methods for work within the rootzone of trees that are to be retained in line with accepted arboricultural standards.
32.	<p>Network Utilities Management Plan (NUMP)</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"> (i) provide access for maintenance at all reasonable times, or emergency works at all times during construction activities; (ii) protect and where necessary, relocate existing network utilities; (iii) manage the effects of dust and any other material potentially resulting from construction activities and able to cause material damage, beyond normal wear and tear to overhead transmission lines in the project area; (iv) demonstrate compliance with relevant standards and Codes of Practice including, where relevant, the NZECP 34:2001 New Zealand Electrical Code of Practice for Electrical Safe Distances 2001; AS/NZS 4853:2012 Electrical hazards on Metallic Pipelines; and AS/NZS 2885 Pipelines – Gas and Liquid Petroleum. <p>(c) The NUMP shall be prepared in consultation with the relevant Network Utility Operators(s) who have assets that are directly affected by the project.</p> <p>(d) The development of the NUMP shall consider opportunities to coordinate future work programmes with other Network Utility Operator(s) during detailed design where practicable.</p> <p>(e) The NUMP shall describe how any comments from the Network Utility Operator in relation to its assets have been addressed.</p> <p>(f) Any comments received from the Network Utility Operator shall be considered when finalising the NUMP.</p> <p>(g) Any amendments to the NUMP related to the assets of a Network Utility Operator shall be prepared in consultation with that asset owner.</p>
Operational conditions	
33.	<p>Low Noise Road Surface</p> <p>Asphaltic concrete surfacing (or equivalent low noise road surface) shall be implemented within 12 months of Completion of Construction of the project.</p>

34.	<p>Future Resurfacing Work</p> <p>(a) Any future resurfacing works of the project shall be undertaken in accordance with the Auckland Transport Reseal Guidelines, Asset Management and Systems 2013 or any updated version and asphaltic concrete surfacing (or equivalent low noise road surface) shall be implemented where:</p> <ul style="list-style-type: none"> (i) the volume of traffic exceeds 10,000 vehicles per day; or (ii) the road is subject to high wear and tear (such as cul de sac heads, roundabouts and main road intersections); or (iii) it is in an industrial or commercial area where there is a high concentration of truck traffic; or (iv) it is subject to high usage by pedestrians, such as town centres, hospitals, shopping centres and schools. <p>(b) Prior to commencing any future resurfacing works, the Requiring Authority shall advise the Manager if any of the triggers in Condition 34(a)(i) – (iv) are not met by the road or a section of it and therefore where the application of asphaltic concrete surfacing (or equivalent low noise road surface) is no longer required on the road or a section of it. Such advice shall also indicate when any resealing is to occur.</p>
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Attachments

Schedule 1: General accordance plans and information

Project Description

The proposed work is for the construction, operation, and maintenance of upgrades to Great South Road between Waihoehoe Road and the State Highway 1 Drury Interchange. The proposed work is shown in the following Concept Plan and includes:

- a) An upgrade of Great South Road to accommodate general traffic lanes and walking and cycling facilities;
- b) Associated works including intersections, bridges, embankments, retaining walls, culverts, and stormwater management systems;
- c) Reconfiguration of local roads, where the proposed work intersects with local roads; and
- d) Construction activities including vegetation removal, establishment of construction areas and the regrading of driveways.

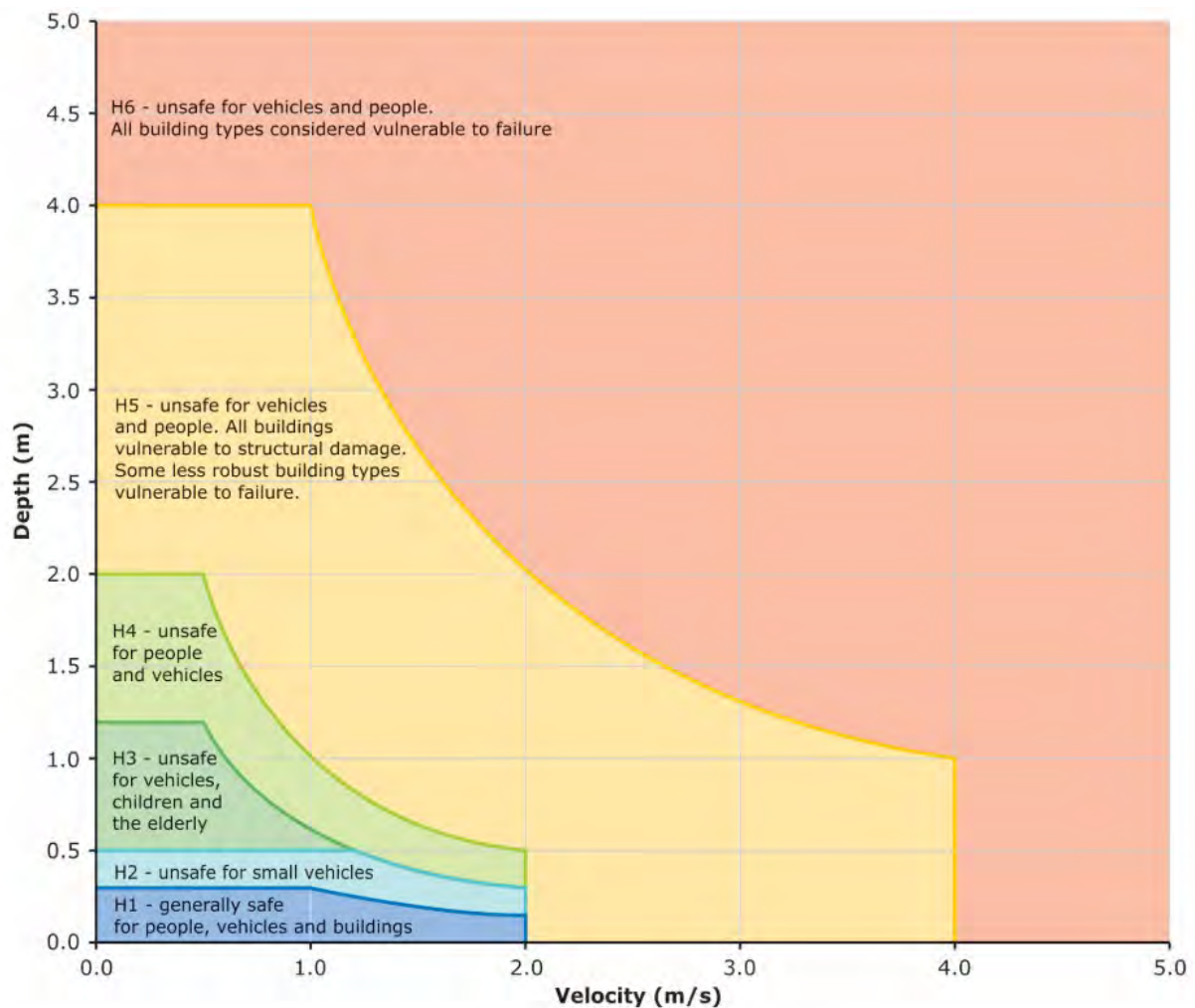
Concept Plan



Schedule 2: Flood Hazard Class

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

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



Source: Australian Rainfall and Runoff, Book 6, 2019

Schedule 3: Identified Native Lizard Habitat Areas

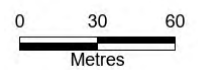
Pre-construction native lizard survey area

Tree No.	Vegetation Type	Tree Species
115	Group of Trees	Willow
116	Group of Trees	Willow



LEGEND

- Tree/Group of Trees
- Designation Boundary



Schedule 4: Trees to be included in the Tree Management Plan

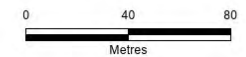
Tree No.	Vegetation Type	Protection	Species
115	Group of Trees	Open Space	Willow
116	Group of Trees	Road Reserve	Willow



LEGEND

▬ Designation Boundary

● Tree/Group of Trees



Attachment D
Updated AUP(OIP) GIS Viewer

Before

Great South Road On Ramp
Southern Motorway
Great South Road Off Ramp


Creek Street

Norrie Road

Firth Street

Great South Road

Flanagan Road

 Notice of Requirement

After

Great South Road On Ramp
Southern Motorway
Great South Road Off Ramp

Creek Street

Norrie Road

Firth Street

Great South Road

Flanagan Road

 Designation

1851

0 35 70 140 m

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

Before and After
Designation 1851