

Memo

Date 14 September 2023

To: Celia Davison – Manager – Central / South Planning
 From: Vanessa Leddra, Policy Planner
 Planning – Central/South

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

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

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





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

Rule or Section of Unitary Plan	Chapter K Designations New Zealand Transport Agency [NZTA]
Subject Site (if applicable)	Designation 6773: Section 2 of the Glen Innes to Tamaki Drive Shared Path
Legal Description (if applicable)	
Nature of change	<p>A Clause 20A modification is required to correct a WKNZTA designation in the AUP.</p> <p>Discussion In accordance with Section 184A of the Resource Management Act (the Act), designations lapse five years after being included in the plan unless the designation has been given effect to or the designation specified a different period when incorporated into the plan.</p> <p>A requiring authority, may within three months before the expiry of a lapse date, resolve that it has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fix a longer period (section 184A(3)(b) of the Act).</p> <p>In March 2022, Auckland Council (Plans and Places)] advised WKNZTA about this lapsing designation as set out above and requested:</p> <ol style="list-style-type: none"> 1. Confirmation as to whether this designation which was due to expire on 27 October 2022 had either been given effect to and if not whether a

	<p>longer lapse period is required</p> <ol style="list-style-type: none"> 2. Alternatively, if the designations should be allowed to lapse and be removed from the AUP 3. A review and confirmation of whether the information of each designation was correct. <p>NZTA is the Requiring Authority for a number of designations under the AUP which would have lapsed in 2022, unless given effect to. Note that NZTA is now known as their corporate name Waka Kotahi or WKNZTA. According to WKNZTA, they commenced work to give effect to this designation #6773 prior to May 2021 and have further advised that this designation has been given effect to, prior to the lapse date of 27 October 2022.</p> <p>This designation as set out below will remain in the AUP unless and until WKNZTA requests its removal.</p>										
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Effect of change	<p>This WKNZTA designation is to be 'given effect to' as per the email requests 2 May 2023 and 31 August 2023 (see Attachment 1).</p> <p>Effectively this means that the lapse date for the designations set out in Chapter</p>										

	<p>K Designations, Auckland Council’s schedule of designations, can be amended from ‘five years from being operative in the Unitary Plan unless given effect to prior’ to ‘given effect to i.e. no lapse date’.</p> <p>This change is minor in nature. The amendment does not change the application or intent of the provisions and are administrative to reflect that the designations have been given effect to.</p> <p>Therefore, it is considered that this can be done via a First Schedule, clause 20a update to the AUP.</p>										
<p>Changes required to be made (text/in-text diagrams)</p>	<p><u>Designations to be Given effect to (i.e no lapse date)</u></p> <p>Amend Chapter K Designations – New Zealand Transport Agency for the following designation:</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;">Designation Number</th> <th style="text-align: left;">Designation Name</th> <th style="text-align: left;">Purpose</th> <th style="text-align: left;">Address</th> <th style="text-align: left;">Date given effect to [completed]</th> </tr> </thead> <tbody> <tr> <td style="vertical-align: top;">6773</td> <td style="vertical-align: top;">Section 2 of the Glen Innes to Tamaki Drive shared path</td> <td style="vertical-align: top;">To construct, operate and maintain Section 2 (St Johns Road to Meadowbank Train Station) of the Glen Innes to Tamaki Drive proposed shared pedestrian and cycle path.</td> <td style="vertical-align: top;">Pourewa Valley within the area bounded by St Johns Road (St Johns) to the east, Orakei Basin to the west, Whytehead Crescent , Edison Place and John Rymer Place and the Pourewa Creek (Kohimarama) to the north and North Island Main Trunk Line, Purewa Cemetery, Tahapa Crescent and Purewa Road (Meadowbank) to the south.</td> <td style="vertical-align: top;">February 2023</td> </tr> </tbody> </table>	Designation Number	Designation Name	Purpose	Address	Date given effect to [completed]	6773	Section 2 of the Glen Innes to Tamaki Drive shared path	To construct, operate and maintain Section 2 (St Johns Road to Meadowbank Train Station) of the Glen Innes to Tamaki Drive proposed shared pedestrian and cycle path.	Pourewa Valley within the area bounded by St Johns Road (St Johns) to the east, Orakei Basin to the west, Whytehead Crescent , Edison Place and John Rymer Place and the Pourewa Creek (Kohimarama) to the north and North Island Main Trunk Line, Purewa Cemetery, Tahapa Crescent and Purewa Road (Meadowbank) to the south.	February 2023
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<p>Changes required to be made</p>	<p>N/A</p>										

(maps)	
Attachments	Attachment 1: New Zealand Transport Agency request – emails dated 2 May 2023 and 30 August 2023 and attachment dated 31 August 2023 – Designation 6773 Attachment 2: Corrections to text (strikethrough/underscore) Attachment 3: Corrected text

Prepared by: Vanessa Leddra Policy Planner	Text Entered by: Bronnie Styles Planning Technician
Signature: 	Signature: 
Maps prepared by: Geospatial Analyst	Reviewed by: Craig Cairncross Team Leader
Signature: n/a	Signature: 
Decision: I agree to authorise the Clause 20A modification using my delegated authority Celia Davison Manager Planning – Central/South Date: 14 September 2023	
Signature: 	

Attachment 1

Waka Kotahi NZ Transport Agency Requests

Waka Kotahi NZ Transport Agency
PO Box 5084
WELLINGTON 6140
T: 64 4 894 6230

31/08/2023

Vanessa Leddra
Policy Planner Central/South
Auckland Council
Private Bag 92300
Victoria Street West
AUCKLAND 1142

Via email: Vanessa.Leddra@aucklandcouncil.govt.nz

Dear Vanessa

Waka Kotahi New Zealand Transport Agency Designation 6773 – Confirmation Designation Given Effect To

Thank you for Council's advice about the pending lapse date on New Zealand Transport Agency (otherwise known by our corporate name Waka Kotahi) designation 6773. The purpose of this letter is to confirm that Waka Kotahi has 'given effect to' this designation.

Designation 6773 authorises the construction, maintenance and operation of the Glen Innes to Tāmaki Drive Shared Path – Section 2. The location of this designation is described as: Pourewa Valley within the area bounded by St Johns Road (St Johns) to the east, Orakei Basin to the west, Whytehead Crescent, Edison Place and John Rymer Place and the Pourewa Creek (Kohimarama) to the north and North Island Main Trunk Line, Purewa Cemetery, Tahapa Crescent and Purewa Road (Meadowbank) to the south.

The lapse date for this designation was 27 October 2022.

Waka Kotahi gave effect to designation 6773 prior to May 2021. This is confirmed within the enclosed newsletter and video [Glen Innes to Tamaki Drive construction progress update](#). Construction of this shared path was completed in February 2023 and was opened to the public on 25 March 2023 as confirmed within this newsletter and video [Glen Innes to Tamaki Drive Shared Path](#).

Please accept this letter as our request for Council to update the Auckland Unitary Plan in accordance with Schedule 1, Part 1, Clause 20A of the Resource Management Act 1991.

If you have any queries on this matter, please contact me via aaron.hudson@nzta.govt.nz or 04 894 6230.

Yours sincerely



Aaron Hudson
Senior Advisor
Poutiaki Taiao Environmental Planning
Waka Kotahi NZ Transport Agency

From: Aaron Hudson <Aaron.Hudson@nzta.govt.nz>
Sent: Tuesday, May 2, 2023 10:58 AM
To: Vanessa Leddra <Vanessa.Leddra@aucklandcouncil.govt.nz>; Bronnie Styles <Bronnie.Styles@aucklandcouncil.govt.nz>
Cc: Kevin Stevens <Kevin.Stevens@nzta.govt.nz>; Stefania Chrzanowska <Stefania.Chrzanowska@nzta.govt.nz>
Subject: New Zealand Transport Agency designation 6733 - Outstanding Designations Lapsing 2022

Hi Vanessa

Thank you for your email regarding the lapse date for NZ Transport Agency designation 6733 (Section 2 of the Glen Innes to Tamaki Drive pedestrian and cycle path).

I'm pleased to confirm that the NZ Transport Agency commenced work to give effect to designation 6773 prior to May 2021 as shown within the video in the below link. So well before the lapse date of 27 October 2022.

<https://createsend.com/t/t-7A7CF87D5E0673182540EF23F30FEDED>

Construction of this pedestrian and cycle path was subsequently completed in February 2023 with the below link to the project newsletter and video confirming this path was opened on 25 March 2023.

<https://www.nzta.govt.nz/projects/glen-innes-to-tamaki-drive-shared-path>

The Waka Kotahi New Zealand Transport Agency hereby confirms that designation 6733 has been given effect to.

I would be grateful if you can please acknowledge this email and confirm that designation 6733 has been given effect. I.e. not lapsed.

Kind regards,

Aaron Hudson

Senior Advisor (Technical)

Poutiaki Taiao | Environmental Planning

Transport Services

Email: aaron.hudson@nzta.govt.nz

Phone: 04 894 6230

Mobile: 021 241 9317

Attachment 2

Corrections to Designation 6773 Glen Innes to Tamaki

Strikethrough and Underscore

6773 Glen Innes to Tamaki Drive Shared Path – Section 2

Designation Number	6773
Requiring Authority	New Zealand Transport Agency
Location	Pourewa Valley within the area bounded by St Johns Road (St Johns) to the east, Orakei Basin to the west, Whytehead Crescent, Edison Place and John Rymer Place and the Pourewa Creek (Kohimarama) to the north and North Island Main Trunk Line, Purewa Cemetery, Tahapa Crescent and Purewa Road (Meadowbank) to the south.
Lapse Date	5 years after the date on which it is included in the Auckland Unitary Plan Given effect to (i.e. no lapse date)

Purpose

To construct, operate and maintain Section 2 (St Johns Road to Meadowbank Train Station) of the Glen Innes to Tamaki Drive proposed shared pedestrian and cycle path.

Conditions

General

1. Except as modified by the conditions below and subject to final detailed design, the Project shall be undertaken in accordance with the information provided by the Requiring Authority in the NoR dated April 2016 and supporting documents (as updated by information provided by the Requiring Authority up until the close of the Hearing) being:
 - a) Notice of Requirement - Assessment of Environmental Effects prepared by MWH, April 2016;
 - b) Supporting technical reports dated March 2016; and
 - c) Plans sets:
 - i. Land Requirement Plans (sheets 1-8) Drawing No 80504522-C4-0402_G851-G858);
 - ii. Construction Extent and Access Location Plan Drawing No 80504522-C4-0402_G801-G808);
 - iii. AUCKLAND TRANSPORT AND NEW ZEALAND TRANSPORT AGENCY GLEN INNES TO TAMAKI DRIVE SHARED PATH SECTION – 2 – Phase 1 (CH00 to CH880) – Land Requirement Plan (Sheet 1 of 1) Drawing No 80504522-C4-0402 G879 Rev C produced by MWH now part of Stantec design review dated 09.02.18 by Nick Gluyas (Not approved); and
 - iv. Proposed Alterations to Extents of Designation Drawing 80504522-C4-0402_SK085 Rev A

2. Where there is inconsistency between:
 - a) The documents provided by the Requiring Authority listed above and these conditions, these conditions shall prevail.
 - b) The information and plans lodged with the requirements and presented at the Council Hearing, the most recent information and plans shall prevail.
 - c) The evidence presented at the Council Hearing and the management plans required by the conditions of this designation and submitted through the Outline Plan the requirements of the management plans shall prevail.
3. In accordance with section 184(1)(c) of the Resource Management Act 1991 (the RMA), this designation shall lapse if not given effect to within 5 years from the date on which it is included in the district plan under section 175 of the RMA.
4. No later than 12 months from the date of the Project becoming operational, the Requiring Authority shall:
 - a) Identify any areas of the designation that are no longer necessary for the on-going maintenance or operation of the Project or for on-going mitigation measures; and
 - b) Give notice to the Auckland Council in accordance with Section 182 of the RMA for the removal of those parts of the designation identified in (a) above.

Pre-construction

Pre-construction Communication and Consultation Management Plan (PCCMP)

5. Within 3 months of confirmation of the designation, the Requiring Authority shall appoint a Communication and Consultation Manager to implement a Pre-construction Communication and Consultation Management Plan (PCCMP). The objective of the PCCMP is to set out a framework to ensure appropriate communication and consultation prior to the commencement of construction of Section 2 of the Shared Path Project. The framework shall set out how the Requiring Authority will:
 - a) Inform the community of Project progress and likely commencement of construction works;
 - b) Engage with the community in order to foster good relationships and to provide learning opportunities about the Project;
 - c) Respond to queries and complaints.
 - d) Articulate how any feedback has informed the development of the CEMP and subsidiary management plans and set out any reasons where it has not informed that development.
6. The PCCMP shall be submitted to Auckland Council's Major Infrastructure Projects Team Manager for certification and shall be implemented and complied with for the duration of the Project. This PCCMP shall set out recommendations and requirements (as applicable) that should be adopted by and/or inform the CEMP and other Management Plans. The PCCMP shall be prepared in consultation with:
 - a) Auckland Council Parks Department;
 - b) New Zealand Rail Corporation (KiwiRail);
 - c) Watercare Limited;

- d) Meadowbank Pony Club;
- e) Purewa Cemetery;
- f) Auckland Transport ;
- g) Heritage New Zealand Pouhere Taonga (HNZPT); and
- h) Owners and occupiers of the adjacent residential properties.

Mana Whenua Engagement

7. The Requiring Authority shall utilise the existing forum for engagement with Mana Whenua that Auckland Transport has established and used for this Project to provide for an on-going role in the development of the mitigation plans for the Project. These include:
 - a) Urban Design and Landscape Management Plan;
 - b) Ecological Restoration Management Plan;
 - c) Herpetofauna Management Plan;
 - d) Construction Environmental Management Plan; and
 - e) Tree Protection and Management Plan

Archaeological Considerations

8. Prior to the preparation of the Outline Plan and lodging of resource consents the hand vegetation clearance of the area between Chainage 1400 and Chainage 1755 shall be undertaken to enable the recording and recovery of archaeological information.
9. Evidence of consultation with HNZPT, regarding the status of an exploratory authority for site 16669 (NZAA R11/2276) shall be provided to the Auckland Council's Heritage Unit.
10. A final archaeological investigation report shall be provided to the Auckland Council's Heritage Unit following the investigation of 16669 (NZAA R11/2276).
11. Where evidence of archaeological information is found in relation to the sites above, the route design should be adjusted if possible to avoid/minimise impact (s) on any archaeological site and enable the recording and recovery of archaeological information.
12. Prior to the preparation of the Outline Plan and lodging of resource consents, the route at site R11/1605 should be adjusted to avoid any impact on the archaeological site.

Arboricultural considerations

13. Prior to any site works commencing, a pre-commencement site meeting shall be held so that all vegetation protection measures are explained by the works arborist to a representative of all contractors or sub-contractors and work site supervisory staff who will be carrying out Project works within the dripline of all scheduled vegetation adjacent to the site. The pre-commencement site meeting shall also be attended by the relevant Auckland Council arborist (or representative) The Auckland Council arborist (or representative) and works arborist shall discuss (amongst other things) the locations and detail of the proposed protective fencing around retained trees.
14. Where pre-start tree protection measures are required (such as protective fencing, mulching etc.) a compliance report is required from the Appointed Works Arborist on the completion of the pre

commencement meeting to confirm the implementation of those measures. No further associated works are permitted until the Auckland Council's Resource Consents Arborist has received and approved this compliance report.

Construction

15. Prior to commencement of construction, the Requiring Authority shall submit an Outline Plan to Auckland Council for the construction of the Project in accordance with section 176A of the RMA. The Outline Plan may be submitted in stages to reflect any proposed staging of the physical works. The Outline Plan shall include:
 - a) Pre- Construction Communication and Consultation Management Plan (PCCMP);
 - b) Construction Environmental Management Plan (CEMP);
 - c) Construction Noise and Vibration Management Plan(CNVMP);
 - d) Construction Traffic Management Plan(CTMP);
 - e) Construction Communication and Consultation Management Plan(CCCMP);
 - f) Urban Design and Landscape Management Plan(UDLMP);
 - g) Tree Protection and Management Plan(TPMP);
 - h) Herpetofauna Management Plan(HMP);
 - i) Erosion and Sediment Control Plan(ESCP);
 - j) Ecological Restoration Plan(ERP);
 - k) Historic Heritage Management Plan(HHMP);
 - l) Any other information required by the conditions of this designation associated with the construction of the Project; and
 - m) A statement outlining how residents, businesses, community and facilities who are directly affected (Watercare, Auckland Council Park's department, Meadowbank Pony Club and KiwiRail) or affected by proximity (properties that are adjacent to the designation boundary and properties on roads providing immediate access to the Project during construction) have been communicated with regarding:
 - i. The nature and timing of Project works ;and
 - ii. Access and operational requirements.
16. The plans listed in Condition 15 above must clearly document the comments and inputs received by the Requiring Authority during its further discussion and consultation undertaken in accordance with the requirements of the relevant conditions for each management plan.
17. All works shall be carried out in accordance with the Outline Plan(s), CEMP and other Management Plans required by this condition.

Construction Communication and Consultation Management Plan (CCCMP)

18. A Construction Communication and Consultation Management Plan (CCCMP) shall be prepared and submitted by the Requiring Authority with the Outline Plan. The objective of the CCCMP is to set out a framework to ensure appropriate communication and consultation is undertaken with

the community, stakeholders, directly affected parties and affected parties (as described in Condition 15) in proximity to construction during construction. The framework of the CCCMP shall set out how the Requiring Authority will:

- a) Inform the community of Project progress and likely construction works and programme;
- b) Engage with the community in order to foster good relationships and to provide opportunities for learning about the Project;
- c) Engage with the Meadowbank Pony Club in order to foster good relationships and advise them about work that may affect the club or its members;
- d) Advise neighbours about work that may affect them or the need to access sites to undertake monitoring (such as of potential vibration from works being) or the need to undertake works at night or the need to install fences;
- e) Respond to queries and complaints.
- f) Articulate how any environmental monitoring and complaints received throughout construction are responded to and how management plans and construction activities are amended.

19. The CCCMP shall include:

- a) a communications framework that details the Requiring Authority's communication strategies, the accountabilities, frequency of communications and consultation, the range of communication and consultation tools to be used (including any modern and relevant communication methods, newsletters or similar, advertising etc.), and any other relevant communication matters;
- b) The Communication and Consultation Manager for the Project including their contact details (phone, email and postal address);
- c) The methods for identifying, communicating and consulting with people affected by the Project including but not limited to:
 - i. Meadowbank Pony club
 - ii. Purewa Crematorium and Cemetery
 - iii. Watercare Ltd
 - iv. All property owners and occupiers of properties adjacent to the designation boundary and properties on roads providing immediate access to the Project during construction
 - v. All community and education facilities directly affected or affected by proximity to the Project;
 - vi. Heritage New Zealand Pouhere Taonga (HNZPT);
 - vii. The wider community; and
 - viii. Network utility operators
- d) Methods for communication and consulting in advance of proposed hours of construction activities outside of normal working hours and on weekends and public holidays, to directly affected and affected by proximity parties (including surrounding communities);

- e) How stakeholders and persons affected by the Project shall be consulted in the development and review of the CEMP and subsidiary Management Plans, including specifying reasonable timeframes for feedback.
 - f) Methods for communicating with directly affected and affected by proximity parties (including surrounding communities), and the general public in advance of temporary traffic management measures;
 - g) Methods for communicating and consulting in advance of construction works with emergency services (Police, Fire, Ambulance) on the location, timing and duration of construction works, and particularly in relation to temporary road lane reductions and/or closures and the alternative routes or detours to be used; and
 - h) The process for Concerns and Complaints Management (receiving, acknowledging, responding and reporting to the community on actions taken).
20. The CCCMP Plan shall also include (as relevant) linkages and cross-references to the CEMP and other Management Plans (including any subsidiary Management Plans). The CCCMP shall be submitted to Auckland Council's Major Infrastructure Projects Team Manager for certification.
21. The Requiring Authority shall implement and comply with the CCCMP for the duration of construction.
22. This CCCMP shall set out recommendations and requirements (as applicable) that should be adopted by and/or inform the CEMP and other Management Plans.
23. The CCCMP shall be prepared in consultation with:
- a) Auckland Council Parks Department;
 - b) Meadowbank Pony Club;
 - c) Purewa Cemetery;
 - d) Watercare Limited;
 - e) Auckland Transport; and
 - f) Heritage New Zealand Pouhere Taonga (HNZPT).

Construction Environmental Management Plan (CEMP)

24. A Construction Environmental Management Plan (CEMP) shall be prepared and submitted by the Requiring Authority with the Outline Plan. The CEMP must include details of:
- a) Information boards that clearly identify the Requiring Authority and the Project name, together with the name and telephone of the Site Manager;
 - b) Training requirements for employees, subcontractors and visitors on construction procedures, environment management and monitoring; and
 - c) The procedure for a cultural heritage induction for all parties involved in excavation works on the Project Site including training requirements for employees sub-contractors and visitors on the cultural history and significance of the area, construction procedures, environmental management and monitoring.

- d) The site or Project Manager and the Communication and Consultation Manager (who will implement and monitor the Communication and Consultation Plan), including their contact details (phone, email and physical address).
- e) The document management system for administering the CEMP, including review and Requiring Authority / Constructor / Auckland Council requirements;
- f) Environmental incident and emergency management procedures (including spills);
- g) Environmental complaint management procedures;
- h) An outline of the construction programme of the work, including construction hours of operation, indicating linkages to the other Management Plans which address the management of adverse effects during construction;
- i) An outline of the location of the construction laydown area, including:
 - i. how it is to be managed and maintained during the Project; and
 - ii. the location of any temporary buildings (including workers offices and portaloos) and vehicle parking (which should be located within the construction area and not on adjacent streets);
- j) Methods to manage equipment and construction activity within the railway corridor using agreed practices in consultation with KiwiRail;
- k) Methods to ensure the safety of the general public;
- l) Specific details on the environmental monitoring to be undertaken throughout construction, as required by the designation conditions;
- m) Where access points are to be located and procedures for managing construction vehicle ingress and egress to construction support and storage areas, including provision of suitable wheel wash facilities which are to be provided for all vehicles exiting the construction site;
- n) Measures to ensure that all storage of materials and equipment associated with the construction works takes place within the boundaries of the designation;
- o) Methods to ensure the prevention and mitigation of adverse effects associated with the storage, use, disposal, or transportation of hazardous substances and pest plants;
- p) Measures to ensure all temporary boundary / security fences associated with the construction of the Project are maintained in good order;
- q) The location and specification of any temporary fences or visual or acoustic barriers;
- r) Measures adopted to ensure that any vehicles associated with the construction of the Project do not park on any adjacent streets;
- s) Measures, such as bridges and culverts, to provide temporary access for construction machinery over waterbodies; and
- t) Measures to minimise any works within or within close proximity to waterbodies.

24A. Prior to works commencing a 1.8m high close boarded fence shall be installed along the designation boundary in Purewa Cemetery and the fence shall be retained during construction works.

Construction Traffic Management Plan (CTMP)

25. A Construction Traffic Management Plan (CTMP) shall be prepared by the Requiring Authority in accordance with the following conditions, and shall be implemented through the CEMP. The objective of the CTMP is to provide a framework to avoid, remedy or mitigate adverse traffic effects associated with the construction of the Project. The CTMP shall be submitted to Auckland Council at least 10 working days prior to site preparation or construction activity.
26. The CTMP shall describe the measures that will be undertaken to avoid, remedy or mitigate the local and network wide effects of construction of the Project. In particular, the CTMP shall include (but not be limited to) the following matters:
- a) Methods to manage the effects on the rail line and on the local road network of the delivery and departure of construction material, plant and machinery (including cranes and oversized trucks) during construction, including measures to maintain pedestrian and cycle access to the Meadowbank Train Station and to limit access to 64 John Rhymer Place to small vehicles only;
 - b) Measures to maintain thoroughfare on all roads and footpaths adjacent to the construction works unless provision of such access is severed by the works or such access will become unsafe as a result of the construction works. Such access shall be safe, clearly identifiable, provide permanent surfacing and seek to minimise significant detours;
 - c) Measures to minimise loss of parking through construction on the adjacent roads;
 - d) Measures to ensure that heavy vehicles to avoid residential local roads, especially roads adjacent to Schools and peak school times;
 - e) Measures to ensure heavy vehicles do not turn right in or out of the proposed access on Kohimarama Road (at existing Pony Club access).
 - f) Measures to limit access off Purewa Road and 63 Tahapa Crescent by vehicles longer than 8m (excluding vehicles longer than 8 m required to travel along Purewa Road to deliver the crane, barge and glulam beams required for Section 3 of the Shared Path);
 - g) Measures to limit access off John Rymer Place by vehicles longer than 12.6m; and
 - h) Measures to ensure pedestrian safety is not compromised at the temporary construction access points to Tahapa reserve.

Erosion and Sediment Control Plan(ESCP)

27. An Erosion and Sediment Control Plan (ESCP) shall be prepared by the Requiring Authority and submitted to Auckland Council in accordance with the following conditions, and implemented through the CEMP. The objective of the ESCP is to avoid, remedy or mitigate any adverse erosion and sediment effects of the Project's construction activities on the surrounding environment; in particular the Pourewa Creek environment. The measures outlined within the ESCP shall be implemented and maintained in accordance with Auckland Regional Council Technical Publication No. 90 - Guidelines for Land Disturbing Activities in the Auckland Region.

Project construction noise and vibration

28. All construction noise generated by the Project, including the use of stock piling areas, bridge construction and activities in lay-down areas, shall comply with the noise limits for 'long term' projects at any occupied building as set out in NZS6803:1999 Acoustics – Construction Noise, with the following exceptions:

- a) General Construction Works

- i. For a period of no greater than 14 days (in total over Project life) adjacent to any occupied dwelling, all noise from Project construction works that are transient in nature for the pathway construction including top soil stripping for the pathway area, importation and compaction of fill and concrete pours shall comply with noise limits of 80dB LAeq and 90dB LMax, between 07:30 and 18:00, Monday to Saturday excluding public holidays, when measured in accordance with NZS6803:1999
- b) Works during a Block-of-line
 - i. Construction work on Christmas Day, New Year's Day, Easter Friday and Easter Sunday shall be restricted to works that can only be undertaken during a block of line.
 - ii. All works within the rail corridor between the hours of 07.30 and 18:30 undertaken during a block-of- line on the days specified in (i) above shall comply with the noise limit of 70 dB LAeq
 - iii. All works within the rail corridor between the hours of 18:30 to 07:30 undertaken during a block-of-line on the days specified in (i) above shall comply with the noise limit of 60 dB LAeq
- 29. The Requiring Authority shall notify the occupants of any occupied building where construction activities are anticipated to exceed the NZS6803:1999 long term noise limits (including nights and public holidays and works undertaken during a block-of-line) with a description of the works their anticipated duration(including start and end date) and a procedure for receiving, investigating and managing complaints (in accordance with the CNVMP required by condition 33) no less than 10 calendar days before works commence.
- 30. The hours of construction work shall be restricted to between 07:30 and 18:00, Monday to Saturday. No noisy work shall be undertaken at night or on Sundays or Public Holidays with the exception of works undertaken within the rail corridor during a block-of-line. These restrictions do not apply to quiet works such as painting, electrical work and planting provided they are undertaken in accordance with the noise limits in condition 28.
- 31. Work may only be undertaken at night where the Construction Noise and Vibration Management Plan (Condition 33) detailing the predicted noise levels and mitigation measures for those works has been certified by the Council and neighbours have been advised of the works.
- 32. Vibration from construction shall not at any time exceed the limits set out in Tables 1 and 3 of German Standard DIN 4150 Part 3: 1999 "Structural Vibration in Buildings – Effects on Structures" (the DIN standard) at any building.

Construction Noise and Vibration Management Plan (CNVMP)

- 33. No later than ten working days prior to the commencement of work on the Project, the Requiring Authority must submit a Construction Noise and Vibration Management Plan (CNVMP) to Auckland Council for certification. The certified CNVMP must be adhered to and maintained throughout the construction period. The CNVMP must describe the Best Practicable Option(s) that will be adopted to minimise construction noise and vibration effects. The CNVMP shall be considered a living document and shall be updated with certification from the Council when required.
- 34. The CNVMP must refer to the noise management measures set out in Annexure E of the NZS6803:1999 and as a minimum must address:

- a) Construction sequencing;

- b) Machinery and equipment to be used, including promotion of the use of low noise machinery or methods where practicable;
 - c) Hours of operation, including times and days and reasons for when it is necessary to undertake construction works outside of the hours in Condition 28 above.
 - d) The design of noise mitigation measures such as temporary barriers or enclosures;
 - e) Construction noise limits;
 - f) Development of alternative strategies where full compliance with NZS6803:1999 cannot be achieved, including consultation with residents
 - g) and other occupiers to achieve acceptance outcomes, predicted noise levels and a description of the Best Practicable Option to be adopted for those activities;
 - h) Methods for monitoring and reporting on construction noise; and
 - i) Methods for receiving and responding to complaints about construction noise; and
 - j) Noise level predictions and mitigation measures for night works when the specific details of night works are known.
 - k) Best practicable option for the reduction of noise from haul roads and access points, including prioritisation of the routes further from receivers where practicable
35. The CNVMP must refer to vibration management measures set out in the vibration standards of the German Standard D1N4150-3:1999 and must address the following aspects:
- a) Vibration monitoring measures;
 - b) Vibration criteria;
 - c) Possible mitigation measures;
 - d) Complaint response;
 - e) Reporting procedures;
 - f) Notification and information for the community of the proposed work;
 - g) Vibration testing of equipment to confirm vibration predictions; and
 - h) Location for vibration monitoring when construction activities are adjacent to buildings

Urban Design and Landscape Management Plan (UDLMP)

36. An Urban Design and Landscape Management Plan (UDLMP) shall be prepared and submitted by the Requiring Authority with the Outline Plan. The objective of the UDLMP is to enable integration of the above ground works and structures in to the surrounding landscape in a manner using Te Aranga principles and adopting appropriate CPTED principles.
37. The UDLMP shall provide details of how the relevant design elements and landscaping detailed in (a)-(l) following have been incorporated into the detailed design of the Project to meet the objective. In particular, the UDLMP shall provide details of:

- a) Planting required to mitigation the visual impact of earthworks and structures including how all engineered cut and fill batters are to be designed and constructed to integrate with the surrounding adjacent natural landform (graded out and either grassed or vegetated to ensure that they integrate with the surrounding vegetated characteristics)
 - b) The design of the Rail over-bridge and how it minimises visual impacts and minimises indigenous vegetation removal within Tahapa Reserve
 - c) The design of permeable hand railings and fences to reduce the visual effect of a solid barrier
 - d) Planting in the 1m wide planted swale on either side of the path and provision of mechanisms to manage surface runoff
 - e) The design of temporary (construction) lighting and permanent (operational) lighting and measures to ensure that glare and light spill into the adjacent properties is avoided or minimised, such that lighting does not exceed 10 lux above background levels when measured at or within the boundary of any adjacent land containing a lawfully established dwelling.
 - f) Opportunities for additional connections
 - g) Signage
 - h) How the Project has adopted CPTED principles
 - i) How the pathway route and associated earthworks have been designed to minimise earthworks; integrate into the surrounding landform; avoid the removal of vegetation of value; and minimised the height and visual impact of retaining walls
 - j) Mitigation measures to minimise potential adverse effects on privacy and overlooking for the properties adjacent to the Shared Path (Whytehead Crescent / Eddison Place and Tahapa Reserve)
 - k) Details and content of consultation undertaken with the adjacent property owners and the outcomes of any consultation.
38. Immediately following completion of construction works on the site, the Requiring Authority shall implement all planting, as per the approved UDLMP. The planting shall be implemented and maintained, to the satisfaction of the Auckland Council Team Leader Compliance and Monitoring – Central.
39. The Requiring Authority shall maintain all new plantings for a period of no less than 5 years and all plantings shall be self-sustaining at the conclusion of this period.

Herpetofauna Management Plan (HMP)

40. The Requiring Authority shall prepare and submit with Outline Plan a Herpetofauna Management Plan (HMP) to Auckland Council prepared by a suitably experienced field herpetologist in advance of construction works. The objective of the HMP is to avoid, remedy or mitigate any adverse construction effects of the Project on Herpetofauna. The HMP should set out details of the lizard salvage operation to be undertaken prior to vegetation clearance-and include details of survey and salvage methodology, and relocation site selection and management.
41. The salvage operation shall be undertaken by herpetologists/ecologists who are legally permitted under the Department of Conservation's Wildlife Act to undertake lizard capture and relocation where required.

42. The HMP must be certified by Auckland Council prior to salvage being undertaken.

Historic Heritage Management Plan(HHMP)

43. The Requiring Authority shall prepare and submit to Auckland Council with the Outline Plan a Historic Heritage Management Plan (HHMP) prepared by a suitably experienced archaeologist. The final version of the HHMP shall be agreed to by the Requiring Authority and Cultural Heritage Implementation Team. The objective of the HHMP is to provide a framework for the avoidance, remediation or mitigation of adverse effects on archaeological sites during construction of the Project.

44. The HMP should set out details of how procedures for archaeological investigations and monitoring of preliminary earthworks are to be implemented in areas where there is potential for archaeological remains to be discovered. These include:

- a) Details of all the historic heritage sites within the Project area;
- b) Details of how construction, operation and maintenance of the Project will ensure that any effects on the historic heritage sites are avoided, remedied or mitigated and should include:
 - i. The identification of any direct and indirect effects on historic heritage within the development area.
 - ii. The identification of proposed management processes for each direct and indirect effect on historic heritage
 - iii. the requirement for hand clearance of vegetation within 30m of an archaeological site; and
 - iv. the requirement for the Project Archaeologist to demarcate a 30m buffer around each archaeological site within the vicinity of the proposed using coloured tape or sandbags (or similar) prior to the start of works;
- c) Constructor roles and responsibilities, stand down periods and reporting requirements are to be clearly identified;
- d) A description of the Project Team roles and responsibilities
- e) The procedure for a cultural heritage induction for all contractors prior to the onset of earthworks. This briefing should be conducted by the Project archaeologist and provide information to the contractors regarding:
 - i. What constitutes archaeological material;
 - ii. The legal requirements for unanticipated archaeological discoveries;
 - iii. The appropriate procedures to follow under Accidental Discovery Protocols to safeguard materials; and
 - iv. The contact information of the relevant agencies including the Project Archaeologist, Heritage New Zealand and the Auckland Council Implementation Team.
 - v. Details will include how and when training will occur, who will provide the training and identification of the members of the Project Team who will receive the training;
- f) The Accidental Discovery Protocols proposed so in the event of an accidental discovery of archaeological material, including a requirement that work must be cease immediately, and

the site manager must notify Auckland Council's Heritage Unit (Cultural Heritage Implementation) immediately;

- g) Procedures for recording any archaeological remains or evidence before it is modified or destroyed, including opportunities for the conservation and preservation of any artefacts and ecofacts (biological material) that are discovered.
- h) The details on the storage and curation of the site archive and dissemination of the results of any fieldwork investigations undertaken in relation to historic heritage.
- i) Procedures for ensuring that the New Zealand Archaeological Association (NZAA) and Council records of the sites are updated.

Ecological Restoration Plan (ERP)

45. The Requiring Authority shall prepare and submit with the Outline Plan an Ecological Restoration Plan (ERP) to Auckland Council prepared by a suitably experienced ecologist. The objective of the ERP is to, commensurate with the vegetation clearance undertaken and the ecological value of any stream or wetland loss as a result of the works; provide weed control, native planting and native fauna habitat enhancement. The area(s) of replanting and riparian restoration shall be approved by Auckland Council prior to vegetation clearance commencing within the SEA identified in the Auckland Unitary Plan.

46. The ERP shall provide details of:

- a) Restoration planting adjacent to the Shared Path (in areas where vegetation has been removed) to prevent edge effects and enhance the visual amenity including methodology and details for exotic weed removal and replacement with appropriate native species;
- b) Reinstatement of planting in Tahapa East and Tahapa Reserve removed due to construction related activity;
- c) Riparian restoration for the Pourewa Creek catchment to remedy or mitigate any works undertaken in or adjacent to any stream and based on the outcomes of a Stream Ecological Valuation Assessment undertaken in accordance with Auckland Council's guidelines
- d) How the restoration is to be undertaken;
- e) A species list with plant species of native ecosourced vegetation from the Auckland Ecological Region that will enhance the wider environment including the stream ecology;
- f) Planting plans for different areas including plant species, spacing, plant sizes at the time of planting, layout, grade, likely heights on maturity and how planting will be staged, and established;
- g) Methods of ground preparation, fertilising, mulching, spraying and ongoing maintenance; and
- h) A vegetation maintenance schedule for the proposed planting and landscaping, in particular details of maintenance methodology and dates / frequencies for the first 5 years following completion of construction works on the site.

46A. Immediately following completion of construction works on LINZ land, the Requiring Authority shall implement the following:

- a) The planting of large grade native trees (45L) at a replacement ratio of 3:1 for every semi-mature tree removed.

- b) The replacement trees selected shall align with the requirements of the Ecological Restoration Plan (ERP) required by condition 45
 - c) The planting shall be implemented in conjunction with the restoration planting undertaken in the section to the north of the rail corridor.
- 46B. Immediately following completion of construction works on Purewa Cemetery, the Requiring Authority shall implement the following:
- a) The planting as a minimum three (3x) 50L Pohutukawa, two (2x) 50L Puriri, two (2x) 25L Karaka, and a larger number of closely spaced Tarata and Kohuhu 10L shrubs
 - b) The planting of the replacement trees shall be implemented in conjunction with the restoration planting undertaken on the adjacent area of Tahapa Reserve East.
47. All restoration plantings shall be maintained by way of weed control, pest control and replacement planting (where required) for a minimum period of 5 years.
48. Weed hygiene methods shall be implemented including washing machinery prior and after construction, and ensuring species-appropriate weed control treatment and disposal.

Tree Protection and Management Plan(TPMP)

49. A Tree Protection and Management Plan (TPMP) shall be prepared and submitted by the Requiring Authority with the Outline Plan of Works for certification by Auckland Council's Consents Arborist. The objective of the TPMP is to avoid, remedy or mitigate any adverse construction effects on those trees to be retained as part of the Project.
- 49A. All tree works shall be in accordance with Table 1 of the Arborlab report, titled Glen Innes to Tamaki Drive Shared Path Bridge 86 Designation Boundary change - Arboriculture, dated 11 Feb 2019 (for trees 45-53) and implemented through the TPMP required under condition 49.
50. The TPMP shall include sufficient detail in order to ensure that all tree work undertaken as part of the Project meets this objective and complies with the best practicable arboricultural option. In particular, the TPMP should include, but not be limited to the following:
- a) Details of which trees are to be retained and which trees will be removed or require pruning as part of the works. The TPMP should provide details on how the findings of the Arborlab Arboricultural Assessment, dated 26 March 2016 have been considered in the final route selection for the Project.
 - b) Details of the specific tree protection methods and pruning requirements for the identified oak tree (tree 30) at Chainage 2100 and for the other trees identified for retention as part of this plan.
 - c) The name of the suitably experienced arborist ('works arborist') to be employed by the Requiring Authority for the duration of the Project works to monitor, direct and supervise all tree removals and all works within the dripline of protected trees / street trees adjacent to the works site. The appointed works arborist must be experienced in tree protection systems and construction methodologies and be able to coordinate the site works to ensure that the approved tree protection methodology is correctly implemented.
 - d) Measures to ensure that all contractors, subcontractors, and workers engaged in all activities covered by this designation are advised of the tree protection measures required as conditions upon this designation, and operate in accordance with them.

- e) Measures to protect trees while providing for the passage of machinery, or emplacement of materials, equipment, fuels and oils, and spoil, within the dripline of any tree in the vicinity of the works.
51. The felling of trees identified for removal shall be undertaken outside of the main avifauna breeding season (01 September to 31 December).
 52. The pruning of trees should be carried out prior to works commencing on the Project. The pruning should be carried out by a qualified arborist in accordance with correct arboricultural practice and adopting natural target pruning techniques.
 53. The edges of hard surface that are to be established within the drip lines of any of the retained trees should be reviewed and agreed by the arborist, prior to any excavation by machine.
 54. Any tree roots encountered during any part of the works process shall be retained as far as possible. Where roots cannot be retained they should be severed cleanly by the arborist only where the works arborist has determined that removal will not be detrimental to the health and stability of the tree. Where roots are to be retained the works arborist shall take appropriate action to ensure the root is protected.
 55. All care should be taken to avoid striking any part of any tree with machinery during the course of the Project.
 56. Compliance with the tree protection measures required in the TPMP should be monitored by the appointed works arborist and logged. The log sheet shall be provided to the consent holder at the completion of the Project to serve as a compliance report.
 57. The Requiring Authority shall prepare and submit to Auckland Council's Consents Arborist and Monitoring Inspector compliance reports on a monthly basis throughout the course of the works. The compliance reports shall include:
 - a) A digital photographic record of the tree works undertaken from the Appointed Works Arborist.
 - b) Confirmation that the works to date have been in accordance with the conditions of this designation while under the direction of the Works Arborist.
 58. A completion report shall be provided by the Works Arborist to the Auckland Council's Resource Consents Arborist within one month of the finish of site works. The completion report shall confirm (or otherwise) that the works have been undertaken in accordance with the tree protection measures in the conditions and under the direction of the Works Arborist. The completion report shall also confirm (or otherwise) that the impact on the protected trees has been no greater than that afforded under the conditions.

Stormwater

59. Subject to the requirement of any resource consent, the construction and operation of the Project shall not increase flooding risk to surrounding land and/or property.

Contaminated land

60. The Requiring Authority shall ensure the works are undertaken in accordance with the recommendations contained within the Site Management Plan (SMP) for the Project (reference: *Glen Innes to Tamaki Drive Shared Path – Section 2 Site Management Plan*, prepared by MWH, March 2016)) Any modifications to the SMP shall be submitted to AC for approval a minimum of one month in advance of commencement of excavation works.

Attachments

No attachments.

Attachment 3

Corrections to Designation 6773 Glen Innes to Tamaki

Corrected Text

6773 Glen Innes to Tamaki Drive Shared Path – Section 2

Designation Number	6773
Requiring Authority	New Zealand Transport Agency
Location	Pourewa Valley within the area bounded by St Johns Road (St Johns) to the east, Orakei Basin to the west, Whytehead Crescent, Edison Place and John Rymer Place and the Pourewa Creek (Kohimarama) to the north and North Island Main Trunk Line, Purewa Cemetery, Tahapa Crescent and Purewa Road (Meadowbank) to the south.
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

To construct, operate and maintain Section 2 (St Johns Road to Meadowbank Train Station) of the Glen Innes to Tamaki Drive proposed shared pedestrian and cycle path.

Conditions

General

1. Except as modified by the conditions below and subject to final detailed design, the Project shall be undertaken in accordance with the information provided by the Requiring Authority in the NoR dated April 2016 and supporting documents (as updated by information provided by the Requiring Authority up until the close of the Hearing) being:
 - a) Notice of Requirement - Assessment of Environmental Effects prepared by MWH, April 2016;
 - b) Supporting technical reports dated March 2016; and
 - c) Plans sets:
 - i. Land Requirement Plans (sheets 1-8) Drawing No 80504522-C4-0402_G851-G858);
 - ii. Construction Extent and Access Location Plan Drawing No 80504522-C4-0402_G801-G808);
 - iii. AUCKLAND TRANSPORT AND NEW ZEALAND TRANSPORT AGENCY GLEN INNES TO TAMAKI DRIVE SHARED PATH SECTION – 2 – Phase 1 (CH00 to CH880) – Land Requirement Plan (Sheet 1 of 1) Drawing No 80504522-C4-0402 G879 Rev C produced by MWH now part of Stantec design review dated 09.02.18 by Nick Gluyas (Not approved); and
 - iv. Proposed Alterations to Extents of Designation Drawing 80504522-C4-0402_SK085 Rev A
2. Where there is inconsistency between:

Auckland Unitary Plan Operative in part

- a) The documents provided by the Requiring Authority listed above and these conditions, these conditions shall prevail.
 - b) The information and plans lodged with the requirements and presented at the Council Hearing, the most recent information and plans shall prevail.
 - c) The evidence presented at the Council Hearing and the management plans required by the conditions of this designation and submitted through the Outline Plan the requirements of the management plans shall prevail.
3. In accordance with section 184(1)(c) of the Resource Management Act 1991 (the RMA), this designation shall lapse if not given effect to within 5 years from the date on which it is included in the district plan under section 175 of the RMA.
 4. No later than 12 months from the date of the Project becoming operational, the Requiring Authority shall:
 - a) Identify any areas of the designation that are no longer necessary for the on-going maintenance or operation of the Project or for on-going mitigation measures; and
 - b) Give notice to the Auckland Council in accordance with Section 182 of the RMA for the removal of those parts of the designation identified in (a) above.

Pre-construction

Pre-construction Communication and Consultation Management Plan (PCCMP)

5. Within 3 months of confirmation of the designation, the Requiring Authority shall appoint a Communication and Consultation Manager to implement a Pre-construction Communication and Consultation Management Plan (PCCMP). The objective of the PCCMP is to set out a framework to ensure appropriate communication and consultation prior to the commencement of construction of Section 2 of the Shared Path Project. The framework shall set out how the Requiring Authority will:
 - a) Inform the community of Project progress and likely commencement of construction works;
 - b) Engage with the community in order to foster good relationships and to provide learning opportunities about the Project;
 - c) Respond to queries and complaints.
 - d) Articulate how any feedback has informed the development of the CEMP and subsidiary management plans and set out any reasons where it has not informed that development.
6. The PCCMP shall be submitted to Auckland Council's Major Infrastructure Projects Team Manager for certification and shall be implemented and complied with for the duration of the Project. This PCCMP shall set out recommendations and requirements (as applicable) that should be adopted by and/or inform the CEMP and other Management Plans. The PCCMP shall be prepared in consultation with:
 - a) Auckland Council Parks Department;
 - b) New Zealand Rail Corporation (KiwiRail);
 - c) Watercare Limited;
 - d) Meadowbank Pony Club;

- e) Purewa Cemetery;
- f) Auckland Transport ;
- g) Heritage New Zealand Pouhere Taonga (HNZPT); and
- h) Owners and occupiers of the adjacent residential properties.

Mana Whenua Engagement

7. The Requiring Authority shall utilise the existing forum for engagement with Mana Whenua that Auckland Transport has established and used for this Project to provide for an on-going role in the development of the mitigation plans for the Project. These include:
 - a) Urban Design and Landscape Management Plan;
 - b) Ecological Restoration Management Plan;
 - c) Herpetofauna Management Plan;
 - d) Construction Environmental Management Plan; and
 - e) Tree Protection and Management Plan

Archaeological Considerations

8. Prior to the preparation of the Outline Plan and lodging of resource consents the hand vegetation clearance of the area between Chainage 1400 and Chainage 1755 shall be undertaken to enable the recording and recovery of archaeological information.
9. Evidence of consultation with HNZPT, regarding the status of an exploratory authority for site 16669 (NZAA R11/2276) shall be provided to the Auckland Council’s Heritage Unit.
10. A final archaeological investigation report shall be provided to the Auckland Council’s Heritage Unit following the investigation of 16669 (NZAA R11/2276).
11. Where evidence of archaeological information is found in relation to the sites above, the route design should be adjusted if possible to avoid/minimise impact (s) on any archaeological site and enable the recording and recovery of archaeological information.
12. Prior to the preparation of the Outline Plan and lodging of resource consents, the route at site R11/1605 should be adjusted to avoid any impact on the archaeological site.

Arboricultural considerations

13. Prior to any site works commencing, a pre-commencement site meeting shall be held so that all vegetation protection measures are explained by the works arborist to a representative of all contractors or sub-contractors and work site supervisory staff who will be carrying out Project works within the dripline of all scheduled vegetation adjacent to the site. The pre-commencement site meeting shall also be attended by the relevant Auckland Council arborist (or representative) The Auckland Council arborist (or representative) and works arborist shall discuss (amongst other things) the locations and detail of the proposed protective fencing around retained trees.
14. Where pre-start tree protection measures are required (such as protective fencing, mulching etc.) a compliance report is required from the Appointed Works Arborist on the completion of the pre commencement meeting to confirm the implementation of those measures. No further associated

works are permitted until the Auckland Council's Resource Consents Arborist has received and approved this compliance report.

Construction

15. Prior to commencement of construction, the Requiring Authority shall submit an Outline Plan to Auckland Council for the construction of the Project in accordance with section 176A of the RMA. The Outline Plan may be submitted in stages to reflect any proposed staging of the physical works. The Outline Plan shall include:
- a) Pre- Construction Communication and Consultation Management Plan (PCCMP);
 - b) Construction Environmental Management Plan (CEMP);
 - c) Construction Noise and Vibration Management Plan(CNVMP);
 - d) Construction Traffic Management Plan(CTMP);
 - e) Construction Communication and Consultation Management Plan(CCCMP);
 - f) Urban Design and Landscape Management Plan(UDLMP);
 - g) Tree Protection and Management Plan(TPMP);
 - h) Herpetofauna Management Plan(HMP);
 - i) Erosion and Sediment Control Plan(ESCP);
 - j) Ecological Restoration Plan(ERP);
 - k) Historic Heritage Management Plan(HHMP);
 - l) Any other information required by the conditions of this designation associated with the construction of the Project; and
 - m) A statement outlining how residents, businesses, community and facilities who are directly affected (Watercare, Auckland Council Park's department, Meadowbank Pony Club and KiwiRail) or affected by proximity (properties that are adjacent to the designation boundary and properties on roads providing immediate access to the Project during construction) have been communicated with regarding:
 - i. The nature and timing of Project works ;and
 - ii. Access and operational requirements.
16. The plans listed in Condition 15 above must clearly document the comments and inputs received by the Requiring Authority during its further discussion and consultation undertaken in accordance with the requirements of the relevant conditions for each management plan.
17. All works shall be carried out in accordance with the Outline Plan(s), CEMP and other Management Plans required by this condition.

Construction Communication and Consultation Management Plan (CCCMP)

18. A Construction Communication and Consultation Management Plan (CCCMP) shall be prepared and submitted by the Requiring Authority with the Outline Plan. The objective of the CCCMP is to set out a framework to ensure appropriate communication and consultation is undertaken with the community, stakeholders, directly affected parties and affected parties (as described in

Condition 15) in proximity to construction during construction. The framework of the CCCMP shall set out how the Requiring Authority will:

- a) Inform the community of Project progress and likely construction works and programme;
- b) Engage with the community in order to foster good relationships and to provide opportunities for learning about the Project;
- c) Engage with the Meadowbank Pony Club in order to foster good relationships and advise them about work that may affect the club or its members;
- d) Advise neighbours about work that may affect them or the need to access sites to undertake monitoring (such as of potential vibration from works being) or the need to undertake works at night or the need to install fences;
- e) Respond to queries and complaints.
- f) Articulate how any environmental monitoring and complaints received throughout construction are responded to and how management plans and construction activities are amended.

19. The CCCMP shall include:

- a) a communications framework that details the Requiring Authority's communication strategies, the accountabilities, frequency of communications and consultation, the range of communication and consultation tools to be used (including any modern and relevant communication methods, newsletters or similar, advertising etc.), and any other relevant communication matters;
- b) The Communication and Consultation Manager for the Project including their contact details (phone, email and postal address);
- c) The methods for identifying, communicating and consulting with people affected by the Project including but not limited to:
 - i. Meadowbank Pony club
 - ii. Purewa Crematorium and Cemetery
 - iii. Watercare Ltd
 - iv. All property owners and occupiers of properties adjacent to the designation boundary and properties on roads providing immediate access to the Project during construction
 - v. All community and education facilities directly affected or affected by proximity to the Project;
 - vi. Heritage New Zealand Pouhere Taonga (HNZPT);
 - vii. The wider community; and
 - viii. Network utility operators
- d) Methods for communication and consulting in advance of proposed hours of construction activities outside of normal working hours and on weekends and public holidays, to directly affected and affected by proximity parties (including surrounding communities);

- e) How stakeholders and persons affected by the Project shall be consulted in the development and review of the CEMP and subsidiary Management Plans, including specifying reasonable timeframes for feedback.
 - f) Methods for communicating with directly affected and affected by proximity parties (including surrounding communities), and the general public in advance of temporary traffic management measures;
 - g) Methods for communicating and consulting in advance of construction works with emergency services (Police, Fire, Ambulance) on the location, timing and duration of construction works, and particularly in relation to temporary road lane reductions and/or closures and the alternative routes or detours to be used; and
 - h) The process for Concerns and Complaints Management (receiving, acknowledging, responding and reporting to the community on actions taken).
20. The CCCMP Plan shall also include (as relevant) linkages and cross-references to the CEMP and other Management Plans (including any subsidiary Management Plans). The CCCMP shall be submitted to Auckland Council's Major Infrastructure Projects Team Manager for certification.
21. The Requiring Authority shall implement and comply with the CCCMP for the duration of construction.
22. This CCCMP shall set out recommendations and requirements (as applicable) that should be adopted by and/or inform the CEMP and other Management Plans.
23. The CCCMP shall be prepared in consultation with:
- a) Auckland Council Parks Department;
 - b) Meadowbank Pony Club;
 - c) Purewa Cemetery;
 - d) Watercare Limited;
 - e) Auckland Transport; and
 - f) Heritage New Zealand Pouhere Taonga (HNZPT).

Construction Environmental Management Plan (CEMP)

24. A Construction Environmental Management Plan (CEMP) shall be prepared and submitted by the Requiring Authority with the Outline Plan. The CEMP must include details of:
- a) Information boards that clearly identify the Requiring Authority and the Project name, together with the name and telephone of the Site Manager;
 - b) Training requirements for employees, subcontractors and visitors on construction procedures, environment management and monitoring; and
 - c) The procedure for a cultural heritage induction for all parties involved in excavation works on the Project Site including training requirements for employees sub-contractors and visitors on the cultural history and significance of the area, construction procedures, environmental management and monitoring.

- d) The site or Project Manager and the Communication and Consultation Manager (who will implement and monitor the Communication and Consultation Plan), including their contact details (phone, email and physical address).
- e) The document management system for administering the CEMP, including review and Requiring Authority / Constructor / Auckland Council requirements;
- f) Environmental incident and emergency management procedures (including spills);
- g) Environmental complaint management procedures;
- h) An outline of the construction programme of the work, including construction hours of operation, indicating linkages to the other Management Plans which address the management of adverse effects during construction;
- i) An outline of the location of the construction laydown area, including:
 - i. how it is to be managed and maintained during the Project; and
 - ii. the location of any temporary buildings (including workers offices and portaloos) and vehicle parking (which should be located within the construction area and not on adjacent streets);
- j) Methods to manage equipment and construction activity within the railway corridor using agreed practices in consultation with KiwiRail;
- k) Methods to ensure the safety of the general public;
- l) Specific details on the environmental monitoring to be undertaken throughout construction, as required by the designation conditions;
- m) Where access points are to be located and procedures for managing construction vehicle ingress and egress to construction support and storage areas, including provision of suitable wheel wash facilities which are to be provided for all vehicles exiting the construction site;
- n) Measures to ensure that all storage of materials and equipment associated with the construction works takes place within the boundaries of the designation;
- o) Methods to ensure the prevention and mitigation of adverse effects associated with the storage, use, disposal, or transportation of hazardous substances and pest plants;
- p) Measures to ensure all temporary boundary / security fences associated with the construction of the Project are maintained in good order;
- q) The location and specification of any temporary fences or visual or acoustic barriers;
- r) Measures adopted to ensure that any vehicles associated with the construction of the Project do not park on any adjacent streets;
- s) Measures, such as bridges and culverts, to provide temporary access for construction machinery over waterbodies; and
- t) Measures to minimise any works within or within close proximity to waterbodies.

24A. Prior to works commencing a 1.8m high close boarded fence shall be installed along the designation boundary in Purewa Cemetery and the fence shall be retained during construction works.

Construction Traffic Management Plan (CTMP)

25. A Construction Traffic Management Plan (CTMP) shall be prepared by the Requiring Authority in accordance with the following conditions, and shall be implemented through the CEMP. The objective of the CTMP is to provide a framework to avoid, remedy or mitigate adverse traffic effects associated with the construction of the Project. The CTMP shall be submitted to Auckland Council at least 10 working days prior to site preparation or construction activity.
26. The CTMP shall describe the measures that will be undertaken to avoid, remedy or mitigate the local and network wide effects of construction of the Project. In particular, the CTMP shall include (but not be limited to) the following matters:
- a) Methods to manage the effects on the rail line and on the local road network of the delivery and departure of construction material, plant and machinery (including cranes and oversized trucks) during construction, including measures to maintain pedestrian and cycle access to the Meadowbank Train Station and to limit access to 64 John Rhymer Place to small vehicles only;
 - b) Measures to maintain thoroughfare on all roads and footpaths adjacent to the construction works unless provision of such access is severed by the works or such access will become unsafe as a result of the construction works. Such access shall be safe, clearly identifiable, provide permanent surfacing and seek to minimise significant detours;
 - c) Measures to minimise loss of parking through construction on the adjacent roads;
 - d) Measures to ensure that heavy vehicles to avoid residential local roads, especially roads adjacent to Schools and peak school times;
 - e) Measures to ensure heavy vehicles do not turn right in or out of the proposed access on Kohimarama Road (at existing Pony Club access).
 - f) Measures to limit access off Purewa Road and 63 Tahapa Crescent by vehicles longer than 8m (excluding vehicles longer than 8 m required to travel along Purewa Road to deliver the crane, barge and glulam beams required for Section 3 of the Shared Path);
 - g) Measures to limit access off John Rymer Place by vehicles longer than 12.6m; and
 - h) Measures to ensure pedestrian safety is not compromised at the temporary construction access points to Tahapa reserve.

Erosion and Sediment Control Plan(ESCP)

27. An Erosion and Sediment Control Plan (ESCP) shall be prepared by the Requiring Authority and submitted to Auckland Council in accordance with the following conditions, and implemented through the CEMP. The objective of the ESCP is to avoid, remedy or mitigate any adverse erosion and sediment effects of the Project's construction activities on the surrounding environment; in particular the Pourewa Creek environment. The measures outlined within the ESCP shall be implemented and maintained in accordance with Auckland Regional Council Technical Publication No. 90 - Guidelines for Land Disturbing Activities in the Auckland Region.

Project construction noise and vibration

28. All construction noise generated by the Project, including the use of stock piling areas, bridge construction and activities in lay-down areas, shall comply with the noise limits for 'long term' projects at any occupied building as set out in NZS6803:1999 Acoustics – Construction Noise, with the following exceptions:

- a) General Construction Works

- i. For a period of no greater than 14 days (in total over Project life) adjacent to any occupied dwelling, all noise from Project construction works that are transient in nature for the pathway construction including top soil stripping for the pathway area, importation and compaction of fill and concrete pours shall comply with noise limits of 80dB LAeq and 90dB LMax, between 07:30 and 18:00, Monday to Saturday excluding public holidays, when measured in accordance with NZS6803:1999
- b) Works during a Block-of-line
 - i. Construction work on Christmas Day, New Year's Day, Easter Friday and Easter Sunday shall be restricted to works that can only be undertaken during a block of line.
 - ii. All works within the rail corridor between the hours of 07.30 and 18:30 undertaken during a block-of- line on the days specified in (i) above shall comply with the noise limit of 70 dB LAeq
 - iii. All works within the rail corridor between the hours of 18:30 to 07:30 undertaken during a block-of-line on the days specified in (i) above shall comply with the noise limit of 60 dB LAeq
- 29. The Requiring Authority shall notify the occupants of any occupied building where construction activities are anticipated to exceed the NZS6803:1999 long term noise limits (including nights and public holidays and works undertaken during a block-of-line) with a description of the works their anticipated duration(including start and end date) and a procedure for receiving, investigating and managing complaints (in accordance with the CNVMP required by condition 33) no less than 10 calendar days before works commence.
- 30. The hours of construction work shall be restricted to between 07:30 and 18:00, Monday to Saturday. No noisy work shall be undertaken at night or on Sundays or Public Holidays with the exception of works undertaken within the rail corridor during a block-of-line. These restrictions do not apply to quiet works such as painting, electrical work and planting provided they are undertaken in accordance with the noise limits in condition 28.
- 31. Work may only be undertaken at night where the Construction Noise and Vibration Management Plan (Condition 33) detailing the predicted noise levels and mitigation measures for those works has been certified by the Council and neighbours have been advised of the works.
- 32. Vibration from construction shall not at any time exceed the limits set out in Tables 1 and 3 of German Standard DIN 4150 Part 3: 1999 "Structural Vibration in Buildings – Effects on Structures" (the DIN standard) at any building.

Construction Noise and Vibration Management Plan (CNVMP)

- 33. No later than ten working days prior to the commencement of work on the Project, the Requiring Authority must submit a Construction Noise and Vibration Management Plan (CNVMP) to Auckland Council for certification. The certified CNVMP must be adhered to and maintained throughout the construction period. The CNVMP must describe the Best Practicable Option(s) that will be adopted to minimise construction noise and vibration effects. The CNVMP shall be considered a living document and shall be updated with certification from the Council when required.
- 34. The CNVMP must refer to the noise management measures set out in Annexure E of the NZS6803:1999 and as a minimum must address:

- a) Construction sequencing;

- b) Machinery and equipment to be used, including promotion of the use of low noise machinery or methods where practicable;
 - c) Hours of operation, including times and days and reasons for when it is necessary to undertake construction works outside of the hours in Condition 28 above.
 - d) The design of noise mitigation measures such as temporary barriers or enclosures;
 - e) Construction noise limits;
 - f) Development of alternative strategies where full compliance with NZS6803:1999 cannot be achieved, including consultation with residents
 - g) and other occupiers to achieve acceptance outcomes, predicted noise levels and a description of the Best Practicable Option to be adopted for those activities;
 - h) Methods for monitoring and reporting on construction noise; and
 - i) Methods for receiving and responding to complaints about construction noise; and
 - j) Noise level predictions and mitigation measures for night works when the specific details of night works are known.
 - k) Best practicable option for the reduction of noise from haul roads and access points, including prioritisation of the routes further from receivers where practicable
35. The CNVMP must refer to vibration management measures set out in the vibration standards of the German Standard D1N4150-3:1999 and must address the following aspects:
- a) Vibration monitoring measures;
 - b) Vibration criteria;
 - c) Possible mitigation measures;
 - d) Complaint response;
 - e) Reporting procedures;
 - f) Notification and information for the community of the proposed work;
 - g) Vibration testing of equipment to confirm vibration predictions; and
 - h) Location for vibration monitoring when construction activities are adjacent to buildings

Urban Design and Landscape Management Plan (UDLMP)

36. An Urban Design and Landscape Management Plan (UDLMP) shall be prepared and submitted by the Requiring Authority with the Outline Plan. The objective of the UDLMP is to enable integration of the above ground works and structures in to the surrounding landscape in a manner using Te Aranga principles and adopting appropriate CPTED principles.
37. The UDLMP shall provide details of how the relevant design elements and landscaping detailed in (a)-(l) following have been incorporated into the detailed design of the Project to meet the objective. In particular, the UDLMP shall provide details of:

- a) Planting required to mitigation the visual impact of earthworks and structures including how all engineered cut and fill batters are to be designed and constructed to integrate with the surrounding adjacent natural landform (graded out and either grassed or vegetated to ensure that they integrate with the surrounding vegetated characteristics)
 - b) The design of the Rail over-bridge and how it minimises visual impacts and minimises indigenous vegetation removal within Tahapa Reserve
 - c) The design of permeable hand railings and fences to reduce the visual effect of a solid barrier
 - d) Planting in the 1m wide planted swale on either side of the path and provision of mechanisms to manage surface runoff
 - e) The design of temporary (construction) lighting and permanent (operational) lighting and measures to ensure that glare and light spill into the adjacent properties is avoided or minimised, such that lighting does not exceed 10 lux above background levels when measured at or within the boundary of any adjacent land containing a lawfully established dwelling.
 - f) Opportunities for additional connections
 - g) Signage
 - h) How the Project has adopted CPTED principles
 - i) How the pathway route and associated earthworks have been designed to minimise earthworks; integrate into the surrounding landform; avoid the removal of vegetation of value; and minimised the height and visual impact of retaining walls
 - j) Mitigation measures to minimise potential adverse effects on privacy and overlooking for the properties adjacent to the Shared Path (Whytehead Crescent / Eddison Place and Tahapa Reserve)
 - k) Details and content of consultation undertaken with the adjacent property owners and the outcomes of any consultation.
38. Immediately following completion of construction works on the site, the Requiring Authority shall implement all planting, as per the approved UDLMP. The planting shall be implemented and maintained, to the satisfaction of the Auckland Council Team Leader Compliance and Monitoring – Central.
39. The Requiring Authority shall maintain all new plantings for a period of no less than 5 years and all plantings shall be self-sustaining at the conclusion of this period.

Herpetofauna Management Plan (HMP)

40. The Requiring Authority shall prepare and submit with Outline Plan a Herpetofauna Management Plan (HMP) to Auckland Council prepared by a suitably experienced field herpetologist in advance of construction works. The objective of the HMP is to avoid, remedy or mitigate any adverse construction effects of the Project on Herpetofauna. The HMP should set out details of the lizard salvage operation to be undertaken prior to vegetation clearance-and include details of survey and salvage methodology, and relocation site selection and management.
41. The salvage operation shall be undertaken by herpetologists/ecologists who are legally permitted under the Department of Conservation's Wildlife Act to undertake lizard capture and relocation where required.

42. The HMP must be certified by Auckland Council prior to salvage being undertaken.

Historic Heritage Management Plan(HHMP)

43. The Requiring Authority shall prepare and submit to Auckland Council with the Outline Plan a Historic Heritage Management Plan (HHMP) prepared by a suitably experienced archaeologist. The final version of the HHMP shall be agreed to by the Requiring Authority and Cultural Heritage Implementation Team. The objective of the HHMP is to provide a framework for the avoidance, remediation or mitigation of adverse effects on archaeological sites during construction of the Project.

44. The HMP should set out details of how procedures for archaeological investigations and monitoring of preliminary earthworks are to be implemented in areas where there is potential for archaeological remains to be discovered. These include:

- a) Details of all the historic heritage sites within the Project area;
- b) Details of how construction, operation and maintenance of the Project will ensure that any effects on the historic heritage sites are avoided, remedied or mitigated and should include:
 - i. The identification of any direct and indirect effects on historic heritage within the development area.
 - ii. The identification of proposed management processes for each direct and indirect effect on historic heritage
 - iii. the requirement for hand clearance of vegetation within 30m of an archaeological site; and
 - iv. the requirement for the Project Archaeologist to demarcate a 30m buffer around each archaeological site within the vicinity of the proposed using coloured tape or sandbags (or similar) prior to the start of works;
- c) Constructor roles and responsibilities, stand down periods and reporting requirements are to be clearly identified;
- d) A description of the Project Team roles and responsibilities
- e) The procedure for a cultural heritage induction for all contractors prior to the onset of earthworks. This briefing should be conducted by the Project archaeologist and provide information to the contractors regarding:
 - i. What constitutes archaeological material;
 - ii. The legal requirements for unanticipated archaeological discoveries;
 - iii. The appropriate procedures to follow under Accidental Discovery Protocols to safeguard materials; and
 - iv. The contact information of the relevant agencies including the Project Archaeologist, Heritage New Zealand and the Auckland Council Implementation Team.
 - v. Details will include how and when training will occur, who will provide the training and identification of the members of the Project Team who will receive the training;
- f) The Accidental Discovery Protocols proposed so in the event of an accidental discovery of archaeological material, including a requirement that work must be cease immediately, and

the site manager must notify Auckland Council's Heritage Unit (Cultural Heritage Implementation) immediately;

- g) Procedures for recording any archaeological remains or evidence before it is modified or destroyed, including opportunities for the conservation and preservation of any artefacts and ecofacts (biological material) that are discovered.
- h) The details on the storage and curation of the site archive and dissemination of the results of any fieldwork investigations undertaken in relation to historic heritage.
- i) Procedures for ensuring that the New Zealand Archaeological Association (NZAA) and Council records of the sites are updated.

Ecological Restoration Plan (ERP)

45. The Requiring Authority shall prepare and submit with the Outline Plan an Ecological Restoration Plan (ERP) to Auckland Council prepared by a suitably experienced ecologist. The objective of the ERP is to, commensurate with the vegetation clearance undertaken and the ecological value of any stream or wetland loss as a result of the works; provide weed control, native planting and native fauna habitat enhancement. The area(s) of replanting and riparian restoration shall be approved by Auckland Council prior to vegetation clearance commencing within the SEA identified in the Auckland Unitary Plan.

46. The ERP shall provide details of:

- a) Restoration planting adjacent to the Shared Path (in areas where vegetation has been removed) to prevent edge effects and enhance the visual amenity including methodology and details for exotic weed removal and replacement with appropriate native species;
- b) Reinstatement of planting in Tahapa East and Tahapa Reserve removed due to construction related activity;
- c) Riparian restoration for the Pourewa Creek catchment to remedy or mitigate any works undertaken in or adjacent to any stream and based on the outcomes of a Stream Ecological Valuation Assessment undertaken in accordance with Auckland Council's guidelines
- d) How the restoration is to be undertaken;
- e) A species list with plant species of native ecosourced vegetation from the Auckland Ecological Region that will enhance the wider environment including the stream ecology;
- f) Planting plans for different areas including plant species, spacing, plant sizes at the time of planting, layout, grade, likely heights on maturity and how planting will be staged, and established;
- g) Methods of ground preparation, fertilising, mulching, spraying and ongoing maintenance; and
- h) A vegetation maintenance schedule for the proposed planting and landscaping, in particular details of maintenance methodology and dates / frequencies for the first 5 years following completion of construction works on the site.

46A. Immediately following completion of construction works on LINZ land, the Requiring Authority shall implement the following:

- a) The planting of large grade native trees (45L) at a replacement ratio of 3:1 for every semi-mature tree removed.

- b) The replacement trees selected shall align with the requirements of the Ecological Restoration Plan (ERP) required by condition 45
 - c) The planting shall be implemented in conjunction with the restoration planting undertaken in the section to the north of the rail corridor.
- 46B. Immediately following completion of construction works on Purewa Cemetery, the Requiring Authority shall implement the following:
- a) The planting as a minimum three (3x) 50L Pohutukawa, two (2x) 50L Puriri, two (2x) 25L Karaka, and a larger number of closely spaced Tarata and Kohuhu 10L shrubs
 - b) The planting of the replacement trees shall be implemented in conjunction with the restoration planting undertaken on the adjacent area of Tahapa Reserve East.
47. All restoration plantings shall be maintained by way of weed control, pest control and replacement planting (where required) for a minimum period of 5 years.
48. Weed hygiene methods shall be implemented including washing machinery prior and after construction, and ensuring species-appropriate weed control treatment and disposal.

Tree Protection and Management Plan(TPMP)

49. A Tree Protection and Management Plan (TPMP) shall be prepared and submitted by the Requiring Authority with the Outline Plan of Works for certification by Auckland Council's Consents Arborist. The objective of the TPMP is to avoid, remedy or mitigate any adverse construction effects on those trees to be retained as part of the Project.
- 49A. All tree works shall be in accordance with Table 1 of the Arborlab report, titled Glen Innes to Tamaki Drive Shared Path Bridge 86 Designation Boundary change - Arboriculture, dated 11 Feb 2019 (for trees 45-53) and implemented through the TPMP required under condition 49.
50. The TPMP shall include sufficient detail in order to ensure that all tree work undertaken as part of the Project meets this objective and complies with the best practicable arboricultural option. In particular, the TPMP should include, but not be limited to the following:
- a) Details of which trees are to be retained and which trees will be removed or require pruning as part of the works. The TPMP should provide details on how the findings of the Arborlab Arboricultural Assessment, dated 26 March 2016 have been considered in the final route selection for the Project.
 - b) Details of the specific tree protection methods and pruning requirements for the identified oak tree (tree 30) at Chainage 2100 and for the other trees identified for retention as part of this plan.
 - c) The name of the suitably experienced arborist ('works arborist') to be employed by the Requiring Authority for the duration of the Project works to monitor, direct and supervise all tree removals and all works within the dripline of protected trees / street trees adjacent to the works site. The appointed works arborist must be experienced in tree protection systems and construction methodologies and be able to coordinate the site works to ensure that the approved tree protection methodology is correctly implemented.
 - d) Measures to ensure that all contractors, subcontractors, and workers engaged in all activities covered by this designation are advised of the tree protection measures required as conditions upon this designation, and operate in accordance with them.

- e) Measures to protect trees while providing for the passage of machinery, or emplacement of materials, equipment, fuels and oils, and spoil, within the dripline of any tree in the vicinity of the works.
51. The felling of trees identified for removal shall be undertaken outside of the main avifauna breeding season (01 September to 31 December).
 52. The pruning of trees should be carried out prior to works commencing on the Project. The pruning should be carried out by a qualified arborist in accordance with correct arboricultural practice and adopting natural target pruning techniques.
 53. The edges of hard surface that are to be established within the drip lines of any of the retained trees should be reviewed and agreed by the arborist, prior to any excavation by machine.
 54. Any tree roots encountered during any part of the works process shall be retained as far as possible. Where roots cannot be retained they should be severed cleanly by the arborist only where the works arborist has determined that removal will not be detrimental to the health and stability of the tree. Where roots are to be retained the works arborist shall take appropriate action to ensure the root is protected.
 55. All care should be taken to avoid striking any part of any tree with machinery during the course of the Project.
 56. Compliance with the tree protection measures required in the TPMP should be monitored by the appointed works arborist and logged. The log sheet shall be provided to the consent holder at the completion of the Project to serve as a compliance report.
 57. The Requiring Authority shall prepare and submit to Auckland Council's Consents Arborist and Monitoring Inspector compliance reports on a monthly basis throughout the course of the works. The compliance reports shall include:
 - a) A digital photographic record of the tree works undertaken from the Appointed Works Arborist.
 - b) Confirmation that the works to date have been in accordance with the conditions of this designation while under the direction of the Works Arborist.
 58. A completion report shall be provided by the Works Arborist to the Auckland Council's Resource Consents Arborist within one month of the finish of site works. The completion report shall confirm (or otherwise) that the works have been undertaken in accordance with the tree protection measures in the conditions and under the direction of the Works Arborist. The completion report shall also confirm (or otherwise) that the impact on the protected trees has been no greater than that afforded under the conditions.

Stormwater

59. Subject to the requirement of any resource consent, the construction and operation of the Project shall not increase flooding risk to surrounding land and/or property.

Contaminated land

60. The Requiring Authority shall ensure the works are undertaken in accordance with the recommendations contained within the Site Management Plan (SMP) for the Project (reference: *Glen Innes to Tamaki Drive Shared Path – Section 2 Site Management Plan*, prepared by MWH, March 2016)) Any modifications to the SMP shall be submitted to AC for approval a minimum of one month in advance of commencement of excavation works.

Attachments

No attachments.