

## 29. Proposed designation conditions

### 29.1 Guide to reading the conditions

The proposed suite of conditions to manage effects of the Project has been numbered in order to eliminate confusion, specifically to avoid multiple 'Condition 1' and so forth. The numbering format is as follows:

Set of proposed conditions	Numbering format
NZTA designation conditions	<b>NZTA.1., NZTA.2.</b> and so on
PCC designation conditions	<b>PCC.1., PCC.2.</b> and so on

### 29.2 Proposed NZTA designation conditions

#### 29.2.1 Definitions

AEE	Transmission Gully Project Assessment of Effects on the Environment Volumes 1 to 5 dated August 2011
CEMP	Construction Environmental Management Plan
Commencement of Works	means the time when the works that are the subject of these consents commence
Council	means the <b>[insert relevant Council]</b>
Existing network utilities	all network utilities existing at the date of lodgement of this Notice of Requirement (network utility has the same meaning as in Section 166 RMA)
GWRC	Wellington Regional Council
KCDC	Kapiti Coast District Council
Manager	means the <b>[insert relevant position title]</b> of the Council
OP	means an Outline Plan prepared in accordance with Section 176A of the RMA
PCC	Porirua City Council
Project	means the construction, maintenance and operation of the Transmission Gully Main Alignment and/or the Kenepuru Link Road
Requiring Authority	means the NZ Transport Agency

RMA	means the Resource Management Act 1991.
Road Asset Manager	means the <b>[insert relevant Council]</b> Council's road asset manager
SSEMP	means a Site Specific Environmental Management Plan required under the provisions of regional consent conditions
Stage	means a stage of the Project as nominated by the contractor and agreed with the GWRC
UHCC	Upper Hutt City Council
WCC	Wellington City Council

### 29.2.2 Advice Notes

- A. These conditions apply to all jurisdictions unless otherwise stated.
- B. These conditions are related to the proposed regional consent conditions, and the proposed designation conditions for each of the relevant districts. Where management plans are required, a single management plan could be prepared to address the relevant condition for each NoR and any similar regional consent condition.
- C. Where possible, the designation and regional consent conditions use the same or similar wording.

Reference	Proposed condition
	<b>General conditions and administration</b>
NZTA.1.	Except as modified by the conditions below, and subject to final design, the Project shall be undertaken in general accordance with the information provided by the Requiring Authority in the Notice of Requirement dated <b>[insert date]</b> and supporting documents being: <b>a. [insert final dates and revision numbers here]</b> For the avoidance of doubt, none of these conditions prevent or apply to works required for the ongoing operation or maintenance of the Project following construction such as changes to street furniture or signage over time. Depending upon the nature of such works, OPs or OP waivers may be required for any such works.
NZTA.2.	As soon as practicable following completion of construction of the Project, the Requiring Authority shall: a. Review the width of the area designated for the Project; b. Identify any areas of designated land that are no longer necessary for the ongoing operation, or maintenance of the Project or for ongoing mitigation measures; and c. Give notice to the Council in accordance with Section 182 of the RMA for the removal of those parts of the designation identified in NZTA.2(b) above.
NZTA.3.	The designation shall lapse if not given effect to within 15 years from the date on which it is included in the District Plan under Section 175 of the RMA.
	<b>Outline plans</b>
NZTA.4.	Subject to Condition NZTA.5 below, the Requiring Authority shall submit an Outline Plan (OP) to the Council for the part of the Project located within the District or for each Project stage within the District, in accordance with Section 176A of the RMA.
NZTA.5.	An OP need not be submitted if the Council has waived the requirement for an OP for the Project or for the relevant Project stage located within the District in accordance with Section 176A(2)(c) of the RMA.

Reference	Proposed condition
NZTA.6.	The OP(s) shall include the following Management Plans for the relevant stage(s) of the Project: <ul style="list-style-type: none"> <li>a. Archaeological Management Plan (ArchMP);</li> <li>b. Construction Environmental Management Plan (CEMP);</li> <li>c. Construction Traffic Management Plan (CTMP); and</li> <li>d. Landscape Management Plan (LMP).</li> </ul>
	<b>Management plans</b>
NZTA.7.	All works shall be carried out in general accordance with any of the management plans required by these conditions.
NZTA.8.	The consent holder may request amendments to any of the management plans required by these conditions by submitting the amendments in writing to the Manager for approval prior to any changes taking effect.
	<b>Archaeology and heritage</b>
NZTA.9.	The Requiring Authority shall, prior to the commencement of construction of the part of the Project located within the District, or prior to the commencement of construction of any Project stage within the District, prepare an <b>Archaeological Management Plan</b> (ArchMP) in consultation with Te Runanga o Toa Rangatira Inc and the New Zealand Historic Places Trust. The ArchMP shall include: <ul style="list-style-type: none"> <li>a. Methods to avoid noise, vibration and dust effects on St Josephs Church building;</li> <li>b. Methods to avoid adverse vibration and other construction effects on the brick fuel containment structure at approximate chainage 2500</li> </ul> and shall be consistent with any conditions imposed on any relevant New Zealand Historic Places Trust authority. <p><b>Note:</b> Condition NZTA.9(a) applies to the Porirua District Plan designation only.</p> <p><b>Note:</b> Condition NZTA.9(b) applies to the Kapiti Coast District Plan designation only.</p> <p><b>Explanatory note:</b> An authority under Section 12 of the Historic Places Act will be sought prior to the commencement of construction and is also likely to require the preparation of an ArchMP.</p>
NZTA.10.	The Requiring Authority, in consultation with, Te Runanga o Toa Rangatira Inc and the New Zealand Historic Places Trust, shall prepare an accidental discovery protocol to be implemented in the event of accidental discovery of cultural or archaeological artefacts or features during the construction of the Project. This protocol shall be submitted to the Manager at least 20 working days prior to any construction or enabling Work commencing under this consent on any part of the Project within the District. The protocol shall include, but not be limited to: <ul style="list-style-type: none"> <li>a) Training procedures for all contractors regarding the possible presence of cultural or archaeological sites or material, what these sites or material may look like, and the relevant provisions of the Historic Places Act 1993 if any sites or material are discovered;</li> <li>b) Parties to be notified in the event of an accidental discovery shall include, but need not be limited to Te Runanga o Toa Rangatira Inc, the New Zealand Historic Places Trust, the GWRC, the relevant District or City Council and the New Zealand Police (if koiwi are discovered);</li> <li>c) Procedures to be undertaken in the event of an accidental discovery (these shall include immediate ceasing of all physical works in the vicinity of the discovery); and</li> <li>d) Procedures to be undertaken before Work under this consent may recommence in the vicinity of the discovery. These shall include allowance for appropriate tikanga (protocols), recording of sites and material, recovery of any artefacts, and consulting with Te Runanga o Toa Rangatira Inc and the New Zealand Historic Places Trust prior to recommencing works in the vicinity of the discovery.</li> </ul>
	<b>Construction Environmental Management Plan</b>
NZTA.11.	An OP for the part of the Project located within the District or for any Project stage located within the District shall include a Construction Environmental Management Plan or Plans (CEMP) for the relevant part of the Project. Among other things, a CEMP is to confirm that the proposed construction methodology for the relevant part of the Project complies with General Condition 1 of this designation and to demonstrate how other

Reference	Proposed condition
	conditions of this designation have been or will be complied with during the construction of the relevant part of the Project.
NZTA.12.	<p>The purpose of the CEMP is to confirm final project details, staging of Work, and detailed engineering design to seek to ensure that the Project remains within the limits and standards approved under this consent and that the construction and operation activities avoid, remedy or mitigate adverse effects on the environment in accordance with the conditions of this consent. The CEMP shall provide details of the responsibilities, reporting frameworks, coordination and management required for project quality assurance; final detailed design; construction methodologies; timeframes and monitoring processes and procedures. Works shall not commence on a Stage until the consent holder has received the Manager's written approval for the CEMP(s) for that Stage.</p> <p>A CEMP shall include but need not be limited to:</p> <p><u>(1) Quality Assurance</u></p> <p>A Quality Assurance section which shall include management frameworks, systems and procedures for quality management of all on-site activities and compliance with the conditions of this designation. Among other matters this section shall provide details of the following:</p> <ol style="list-style-type: none"> <li>a. Name, qualifications, relevant experience and contact details of an appropriately qualified and experienced project manager, who shall be responsible for overseeing compliance with the CEMP;</li> <li>b. Names, qualifications, relevant experience, and methods for contacting principal staff employed on the relevant part of the Project, along with details of their roles and responsibilities;</li> <li>c. Methods and systems to inform and train all persons working on site of potential environmental issues and how to comply with conditions of the consent;</li> <li>d. Systems and processes whereby the public are informed of contact details of the project manager and principal staff identified above;</li> <li>e. Liaison procedures with the Council; and</li> <li>f. Communication protocols.</li> </ol> <p><u>(2) Site Management</u></p> <p>The Site Management section of the CEMP shall detail procedures to manage the relevant part of the Project throughout the entire construction process in a safe manner. This section shall provide details of the following (and may include other matters):</p> <ol style="list-style-type: none"> <li>a. Details of the site access for all Work associated with construction of the part of the Project;</li> <li>b. Measures to be adopted to maintain the site in a tidy condition in terms of disposal/storage of rubbish, storage and unloading of building materials and similar construction activities;</li> <li>c. Location of workers' conveniences (e.g. portaloos);</li> <li>d. Procedures for controlling sediment run-off into the watercourses/streams, dust and the removal of soil, debris and construction materials from the watercourses/streams and riparian margins, and onto public roads or places (including identifying the location of wheel wash facilities);</li> <li>e. A contingency plan in the event that there is any unconsented discharge to watercourses/streams;</li> <li>f. Details of the storage of fuels and lubricants (which shall require that storage be bunded or contained in such a manner so as to prevent the discharge of contaminants from spillages);</li> <li>g. Details of the proposed maintenance of machinery and plant to minimise the potential for leakage of fuels and lubricants;</li> <li>h. Location of vehicle and construction machinery access and storage during the period of site works;</li> </ol>

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	<ul style="list-style-type: none"> <li>i. Procedures for thoroughly cleaning all machinery of unwanted vegetation (e.g. weeds), seeds or contaminants prior to entering the site;</li> <li>j. Methods for the clear identification and marking of the construction zones including those which extend into watercourses;</li> <li>k. A methodology that prescribes the extent to which machinery can operate in the vicinity of watercourses so as to minimise disruption and damage to the watercourses and associated vegetation;</li> <li>l. Methods to manage public health and safety during the construction works, and notification to the public of temporary access restrictions to the immediate works area during the staged construction;</li> <li>m. Confirmation that no equipment or machinery will be cleaned, or refuelled in any part of any watercourses/streams, except as otherwise specifically provided for in the CEMP or an SSEMP;</li> <li>n. Procedures for removing all contaminants (e.g. fuel, hydraulic oils, lubricants etc) from the site at the end of the construction period, except for those required for ongoing maintenance of the road and operational activities; and</li> <li>o. Procedures for making any repairs to the adjacent road network required where any damage occurs as a direct result of the Project.</li> </ul> <p><u>(3) Construction Programme and Methodology</u></p> <p>A Construction Programme which shall include a programme of works that seeks to enable the relevant part of the Project to be constructed in a manner that is timely, adequately co-ordinated and manages the adverse effects of construction on the environment. This section shall, among other matters, provide details on the following:</p> <ul style="list-style-type: none"> <li>a. A detailed staging programme and anticipated timetable for construction works during the relevant part of the Project; and</li> <li>b. A methodology to identify how earthworks will be staged during the relevant part of the Project to manage the effects of the Project on the Pauatahanui Inlet.</li> </ul> <p><u>(4) Environmental Management Plans</u></p> <p>The following environmental management plans shall be included in the appendices to any CEMP:</p> <ul style="list-style-type: none"> <li>a. <b>Construction Noise and Vibration Management Plan (CNVMP);</b></li> <li>b. <b>Contaminated Land Management Plan (CLMP);</b> and</li> <li>c. <b>Construction Air Quality Management Plan (CAQMP).</b></li> </ul> <p>A. The CNVMP shall:</p> <ul style="list-style-type: none"> <li>a. Be prepared by a suitably qualified acoustics specialist;</li> <li>b. Include specific details relating to methods for the control of noise associated with all relevant Project works, which shall be formulated to, as far as practicable, comply with the following criteria in accordance with NZS 6803:1999:</li> </ul> <table border="1" data-bbox="533 1688 1291 1951"> <thead> <tr> <th>Day</th> <th>Time</th> <th>L<sub>Aeq(15 min)</sub></th> <th>L<sub>AFmax</sub></th> </tr> </thead> <tbody> <tr> <td rowspan="2">Weekdays</td> <td>0630h - 0730h</td> <td>55 dB</td> <td>75 dB</td> </tr> <tr> <td>0730h - 1800h</td> <td>70 dB</td> <td>85 dB</td> </tr> </tbody> </table>	Day	Time	L <sub>Aeq(15 min)</sub>	L <sub>AFmax</sub>	Weekdays	0630h - 0730h	55 dB	75 dB	0730h - 1800h	70 dB	85 dB
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		1800h - 2000h	65 dB	80 dB	
		2000h - 0630h	45 dB	75 dB	
	Saturday	0630h - 0730h	45 dB	75 dB	
		0730h - 1800h	70 dB	85 dB	
		1800h - 2000h	45 dB	75 dB	
		2000h - 0630h	45 dB	75 dB	
	Sundays and public holidays	0630h - 0730h	45 dB	75 dB	
		0730h - 1800h	55 dB	85 dB	
		1800h - 2000h	45 dB	75 dB	
		2000h - 0630h	45 dB	75 dB	
	<p>c. Address the following aspects with regard to construction noise:</p> <ul style="list-style-type: none"> <li>i. Noise sources, including machinery, equipment and construction techniques to be used;</li> <li>ii. Predicted construction noise levels;</li> <li>iii. Hours of operation, including times and days when noisy construction work and blasting would occur;</li> <li>iv. The identification of activities and locations where structural noise mitigation measures such as temporary barriers or enclosures may be used;</li> <li>v. Details of which road-traffic noise mitigation options will be implemented early to also mitigate construction noise;</li> <li>vi. The measures that will be undertaken by the Requiring Authority to communicate noise management measures to affected stakeholders;</li> <li>vii. Mitigation options, including alternative strategies where full compliance with the noise criteria cannot practicably be achieved;</li> <li>viii. Schedules containing site specific information;</li> <li>ix. Methods for monitoring and reporting on construction noise; and</li> </ul> <p>d. Include specific details relating to methods for the control of vibration and airblast associated with all relevant Project works, which shall be</p>				

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	<p>formulated to, as far as practicable, comply with the Category A criteria in the following table, measured in accordance with ISO 4866:2010 and AS 2187-2:2006:</p> <table border="1"> <thead> <tr> <th>Receiver</th> <th>Details</th> <th>Category A</th> <th>Category B</th> </tr> </thead> <tbody> <tr> <td rowspan="2">Occupied dwellings</td> <td>Night-time 2000h - 0630h (transient vibration)</td> <td>0.3 mm/s ppv</td> <td>1 mm/s ppv</td> </tr> <tr> <td>Daytime 0630h - 2000h</td> <td>1 mm/s ppv</td> <td>5 mm/s ppv</td> </tr> <tr> <td rowspan="2">All occupied buildings</td> <td>Daytime blasting – vibration</td> <td>5 mm/s ppv</td> <td>10 mm/s ppv</td> </tr> <tr> <td>– airblast</td> <td>120 dB L<sub>Zpeak</sub></td> <td>-</td> </tr> <tr> <td rowspan="4">All buildings</td> <td>Vibration - transient (including blasting)</td> <td rowspan="2">5 mm/s ppv</td> <td>BS 5228-2 Table B.2</td> </tr> <tr> <td>Vibration - continuous</td> <td>BS 5228-2 50% of Table B.2 values</td> </tr> <tr> <td>Airblast</td> <td>-</td> <td>133 dB L<sub>Zpeak</sub></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>e. Describe the measures to be adopted in relation to construction vibration including:</p> <ol style="list-style-type: none"> <li>Vibration sources, including machinery, equipment and construction techniques to be used;</li> <li>Procedures for building condition surveys at locations close to activities generating significant vibration, prior to and after completion of the works (including all buildings predicted to experience vibration which exceeds the Category A vibration criteria);</li> <li>Procedures for management of vibration by a suitably qualified expert, if measured or predicted vibration and airblast levels exceed the Category A criteria;</li> <li>Procedures for approval by the Council and continuous monitoring of vibration levels and effects by suitably qualified experts if measured or predicted vibration and airblast levels exceed the Category B criteria; and</li> <li>The measures that will be undertaken by the Requiring Authority to communicate vibration management measures to affected stakeholders.</li> </ol> <p>B. The CLMP shall include information regarding:</p> <ol style="list-style-type: none"> <li>The measures to be undertaken in the handling, storage and disposal of all contaminated material excavated during the construction works</li> </ol>	Receiver	Details	Category A	Category B	Occupied dwellings	Night-time 2000h - 0630h (transient vibration)	0.3 mm/s ppv	1 mm/s ppv	Daytime 0630h - 2000h	1 mm/s ppv	5 mm/s ppv	All occupied buildings	Daytime blasting – vibration	5 mm/s ppv	10 mm/s ppv	– airblast	120 dB L <sub>Zpeak</sub>	-	All buildings	Vibration - transient (including blasting)	5 mm/s ppv	BS 5228-2 Table B.2	Vibration - continuous	BS 5228-2 50% of Table B.2 values	Airblast	-	133 dB L <sub>Zpeak</sub>			
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	<p>including the appointment of a suitably qualified contractor to supervise the removal of any contaminated soil;</p> <ul style="list-style-type: none"> <li>b. The soil validation testing that will be undertaken;</li> <li>c. The soil verification testing that will be undertaken to determine the nature of any contamination in excavated spoil and the potential reuse or disposal options for contaminated spoil;</li> <li>d. Measures to be undertaken in the event of unexpected contamination being identified during construction activities, including measures to: <ul style="list-style-type: none"> <li>i. Assist with identification of unknown contaminated material;</li> <li>ii. Stop work or isolate the area (as necessary) once any such material is identified;</li> </ul> </li> <li>e. The measures to be undertaken to: <ul style="list-style-type: none"> <li>i. Protect the health and safety of workers and the public from the potential effects of contaminated soil;</li> <li>ii. Control stormwater runoff and runoff to and from areas of contaminated soil;</li> <li>iii. Remove or manage any contaminated soil; and</li> </ul> </li> <li>f. The measures to be undertaken to: <ul style="list-style-type: none"> <li>i. Identify any suspected asbestos;</li> <li>ii. Identify the type of asbestos and confirm the appropriate means by which it shall be removed;</li> <li>iii. Handle material containing asbestos, particularly in buildings built prior to 1980;</li> <li>iv. Implement appropriate health and safety measures to ensure the safety of workers and the public from the potential effects of asbestos; and</li> <li>v. Remove the asbestos and dispose of it to an appropriately licensed facility.</li> </ul> </li> </ul> <p>The Requiring Authority shall ensure a suitably qualified contaminated land specialist is available to:</p> <ul style="list-style-type: none"> <li>a. supervise excavation works for the Project which are in the vicinity of any contaminated soils;</li> <li>b. supervise any removal of contaminated soil required for the Project</li> <li>c. ensure that an appropriately qualified contractor identifies and handles asbestos in accordance with the CLMP when demolishing any buildings built prior to 1980; and</li> <li>d. advise the Manager in writing of this contractor, prior to such demolition occurring.</li> </ul> <p>These measures shall include appointment of a suitably qualified contractor to implement the asbestos identification and handling measures identified in the CLMP; and the appointment of a suitably qualified contaminated land specialist to supervise excavation works for the Project which are in the vicinity of any contaminated soils, and notification of these appointments to the Manager prior to any relevant demolition works or soil removal being undertaken.</p> <ul style="list-style-type: none"> <li>C. The CAQMP shall provide a methodology for managing the effects of dust from the site, and shall, as a minimum include: <ul style="list-style-type: none"> <li>a. Identification and implementation of dust suppression measures appropriate to the environment in which the works are located, and the sensitivity of nearby receptors; and</li> <li>b. Identification of contingency measures to address identified and verified adverse effects on sensitive receptors. Contingency measures may</li> </ul> </li> </ul>



Reference	Proposed condition
	<p>include options such as:</p> <ol style="list-style-type: none"> <li>i. Cleaning of water tanks and replenishment of water supplies;</li> <li>ii. Cleaning of houses; and</li> <li>iii. Cleaning of other buildings and infrastructure.</li> </ol> <p><u>(5) Layout Drawings</u></p> <p>Drawings showing the proposed layout of the construction yards, including associated buildings, fencing and site accesses. The layout drawings shall, as far as practicable, incorporate the following:</p> <ol style="list-style-type: none"> <li>a. The main access to the construction yards to be located as far as practicable from residential dwellings;</li> <li>b. Noisy construction activities to be located as far as practicable from residential dwellings;</li> <li>c. Temporary acoustic fences and visual barriers.</li> </ol>
NZTA.13.	The Requiring Authority shall provide the Manager with an updated schedule of construction activities at monthly intervals during the construction of any part of the Project or any Project Stage within the District.
	<b>Communications and public liaison</b>
NZTA.14.	A liaison person shall be appointed by the Requiring Authority for the duration of the construction phase of the Project to be the main and readily accessible point of contact for persons affected by the construction work. The Requiring Authority shall take appropriate steps to seek to advise all affected parties of the liaison person's name and contact details. This person must be reasonably available for on-going consultation on all matters of concern to affected persons arising from the construction of the Project. If the liaison person will not be available for any reason, an alternative contact person shall be nominated, to seek to ensure that a project contact person is available by telephone 24 hours per day/seven days per week during the construction phase of the Project.
NZTA.15.	<p>Prior to the commencement of construction and/or enabling works, the requiring authority shall prepare and implement, a <b>Communications Plan</b> that sets out procedures detailing how the public will be communicated with throughout the construction period. As a minimum, the Communications Plan shall include:</p> <ol style="list-style-type: none"> <li>a. Details of a contact person available on site at all times during works. Contact details shall be prominently displayed at the entrance to the site(s) so that they are clearly visible to the public at all times.</li> <li>b. Methods to consult on and to communicate the proposed hours of construction activities outside of normal working hours and on weekends and public holidays, to surrounding residential communities, and methods to deal with concerns raised about such hours.</li> <li>c. Methods to record concerns raised about hours of construction activities and, where practicable, methods to so far as is practicable, avoid particular times of day which have been identified as being particularly sensitive for neighbours.</li> <li>d. Details of communications activities proposed including: <ol style="list-style-type: none"> <li>i. Publication of a newsletter, or similar, and its proposed delivery area.</li> <li>ii. Newspaper advertising</li> <li>iii. Notification and consultation with individual property owners and occupiers with dwellings within 20 metres of construction activities.</li> </ol> </li> </ol> <p>The Communications Plan shall also include linkages and cross-references to methods set out in other management plans where relevant.</p>
	<b>Complaints</b>
NZTA.16.	<p>During construction Work, the consent holder shall maintain a permanent record of any complaints received alleging adverse effects from, or related to, the exercise of this consent. The record shall include:</p> <ol style="list-style-type: none"> <li>a) the name and address (as far as practicable) of the complainant;</li> <li>b) identification of the nature of the complaint;</li> <li>c) location, date and time of the complaint and of the alleged event;</li> </ol>

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	<p>d) weather conditions at the time of the complaint (as far as practicable), and including wind direction and approximate wind speed if the complaint relates to air quality.</p> <p>e) the outcome of the consent holders investigation into the complaint;</p> <p>f) measures taken to seek to ensure that such a complaint does not occur again; and</p> <p>g) Any other activities in the area, unrelated to the project that may have contributed to the complaint, such as non-project construction, fires, traffic accidents or unusually dusty conditions generally.</p> <p>The consent holder shall also keep a record of any remedial actions undertaken.</p> <p>This record shall be maintained on site and shall be made available to the Manager, upon request. The consent holder shall notify the Manager in writing of any such complaint within 5 working days of the complaint being brought to the attention of the consent holder.</p>
	<b>Existing network utilities</b>
NZTA.17.	The Requiring Authority shall prepare and implement a <b>Network Utilities Management Plan (NUMP)</b> so that enabling works, design and construction of the Project adequately take account of, and include measures to address, the safety, integrity, protection or, where necessary, relocation of, existing network utilities.
NZTA.18.	A copy of the NUMP shall be provided to the Manager at least 10 working days prior to the commencement of any enabling or construction works on any part of the Project located within the District.
NZTA.19.	<p>The NUMP shall include, but need not be limited to, the following matters:</p> <p>a. The methods the Requiring Authority will use to liaise with all infrastructure providers who have existing network utilities that are directly affected by, or located in close proximity to, the part of the Project in the District.</p> <p>b. The methods the Requiring Authority will use to enable infrastructure providers to access existing network utilities for maintenance at all reasonable times, and to access existing network utilities for emergency works at all times, whilst construction activities associated with the Project are occurring.</p> <p>c. The methods the Requiring Authority will use to seek to ensure that all construction personnel, including contractors, are aware of the presence and location of the various existing network utilities which traverse, or are in close proximity to, the part of the Project in the District, and the restrictions in place in relation to those existing network utilities. This shall include plans identifying the locations of the existing network utilities and appropriate physical indicators on the ground showing specific surveyed locations.</p>
NZTA.20.	<p>The NUMP shall be prepared in consultation with the relevant infrastructure providers who have existing network utilities that are directly affected by the Project and, in addition to the matters listed in Condition NZTA.19, shall include:</p> <p>a. Measures to be used to accurately identify the location of existing network utilities,</p> <p>b. Measures for the protection, relocation and/or reinstatement of existing network utilities;</p> <p>c. Measures to provide for the safe operation of plant and equipment, and the safety of workers, in proximity to live existing network utilities;</p> <p>d. Measures to manage potential induction hazards to existing network utilities;</p> <p>e. Earthworks management (including depth and extent of earthworks), for earthworks in close proximity to existing network utility;</p> <p>f. Vibration management for works in close proximity to existing network utility; and</p> <p>Emergency management procedures in the event of any emergency involving existing network utilities.</p>
	<b>Operational noise</b>
NZTA.21.	<p>For the purposes of Conditions NZTA.21- NZTA.31 the following terms will have the following meanings:</p> <p>a. Acoustics Assessment – means the Acoustics Assessment report submitted as part of the AEE for this designation.</p> <p>b. BPO – means Best Practicable Option.</p>

Reference	Proposed condition
	<p>c. Building-Modification Mitigation – has the same meaning as in NZS 6806:2010.</p> <p>d. Habitable space – has the same meaning as in NZS 6806:2010.</p> <p>e. Noise Criteria Categories – means the groups of preference for time-averaged sound levels established in accordance with NZS 6806:2010 when determining the BPO mitigation option, ie Category A – primary noise criterion, Category B – secondary noise criterion and Category C – internal noise criterion.</p> <p>f. NZS 6806:2010 – means NZS 6806:2010 Acoustics – Road-traffic noise – New and altered roads.</p> <p>g. PPFs – means only the premises and facilities identified in green, yellow or red in the Acoustics Assessment.</p> <p>Structural Mitigation – has the same meaning as in NZS 6806:2010.</p>
NZTA.22.	<p>The Requiring Authority shall implement the road-traffic noise mitigation measures identified as the “Selected Options” in the Acoustics Assessment as part of the Project, in order to achieve the Noise Criteria Categories indicated in the Acoustics Assessment (“Identified Categories”), where practicable, subject to Conditions NZTA.23- NZTA.31 below.</p>
NZTA.23.	<p>The detailed design of the Structural Mitigation measures in the “Selected Options” (the “Detailed Mitigation Options”) shall be undertaken by a suitably qualified acoustics specialist prior to commencement of construction of the Project, and, subject to Condition NZTA.24, shall include, as a minimum, the following:</p> <p>a. Noise barriers with the location, length and height in general accordance with Table 5-2 of the Acoustics Assessment; and</p> <p>b. Open graded porous asphalt or equivalent low-noise road surfaces in general accordance with Table 5-1 of the Acoustics Assessment.</p>
NZTA.24.	<p>Where the design of the Detailed Mitigation Options identifies that it is not practicable to implement a particular Structural Mitigation measure in the location or of the length or height included in the “Selected Options” either:</p> <p>a. if the design of the Structural Mitigation measure could be changed and the measure would still achieve the same Identified Category or Category B at all relevant PPFs, and a suitably qualified or experienced planner approved by the Council certifies to the Council that the changed Structural Mitigation would be consistent with adopting the BPO in accordance with NZS 6806:2010, the Detailed Mitigation Options may include the changed mitigation measure; or</p> <p>b. if the changed design of the Structural Mitigation measure would change the Noise Criteria Category at any relevant PPF from Category A or B to Category C, but the Council confirms that the changed Structural Mitigation measure would be consistent with adopting BPO in accordance with NZS 6806:2010, the Detailed Mitigation Options may include the changed mitigation measure.</p>
NZTA.25.	<p>The Detailed Mitigation Options shall be implemented prior to completion of construction of the Project, with the exception of any low-noise road surfaces, which shall be implemented within 12 months of completion of construction of the Project.</p>
NZTA.26.	<p>Prior to construction of the Project, a suitably qualified acoustics specialist shall identify those PPFs which following implementation of all the Structural Mitigation measures included in the Detailed Mitigation Options are not in Noise Criteria Categories A or B and where Building-Modification Mitigation may be required to achieve 40 dB LAeq(24h) inside habitable spaces (“Category C Buildings”).</p> <p>a. Prior to commencement of construction of the Project in the vicinity of a Category C Building, the Requiring Authority shall write to the owner of each Category C Building seeking access to such building for the purpose of measuring internal noise levels and assessing the existing building envelope in relation to noise reduction performance.</p> <p>b. If the owner of the Category C Building consents to the Requiring Authority request for access to the property within 12 months of the date of the Requiring Authority’s letter (sent pursuant to Condition NZTA.26(a)), then no more than six months prior to commencement of construction of the Project, the Requiring Authority shall instruct a suitably qualified acoustics specialist to visit the building to measure internal noise levels and assess the existing building envelope in relation to noise reduction performance.</p>

Reference	Proposed condition
NZTA.27.	<p>Where a Category C Building is identified, the Requiring Authority shall be deemed to have complied with Condition NZTA.26 above where:</p> <ol style="list-style-type: none"> <li>The Requiring Authority (through its acoustics specialist) has visited the building; or</li> <li>The owner of the Category C Building consented to the Requiring Authority's request for access, but the Requiring Authority could not gain entry for some reason (such as entry being denied by a tenant); or</li> <li>The owner of the Category C Building did not approve the Requiring Authority's access to the property within the time period set out in Condition NZTA.27(b) (including where the owner(s) did not respond to the Requiring Authority's letter (sent pursuant to Condition NZTA.26(a) within that period)); or</li> <li>The owner of the Category C Building cannot, after reasonable enquiry, be found prior to completion of construction of the Project.</li> </ol> <p>If any of (b) to (d) above apply to a particular Category C Building, the Requiring Authority shall not be required to implement any Building-Modification Mitigation at that Category C Building.</p>
NZTA.28.	<p>Subject to Condition NZTA.27, no more than six months after the assessment required under Condition NZTA.26(b), the Requiring Authority shall give written notice to the owner of each Category C Building:</p> <ol style="list-style-type: none"> <li>Advising of the options available for Building-Modification Mitigation to the building; and</li> <li>Advising that the owner has three months within which to decide and advise the Requiring Authority whether to accept Building-Modification Mitigation for the building, and if the Requiring Authority has advised the owner that more than one option for Building-Modification Mitigation is available, to advise the Requiring Authority which of those options the owner prefers.</li> </ol>
NZTA.29.	<p>Once an agreement on Building-Modification Mitigation is reached between the Requiring Authority and the owner of an affected building, the mitigation shall be implemented in a reasonable and practical timeframe agreed between the Requiring Authority and the owner.</p>
NZTA.30.	<p>Subject to Condition NZTA.27, where Building-Modification Mitigation is required, the Requiring Authority shall be deemed to have complied with Condition NZTA.29 above where:</p> <ol style="list-style-type: none"> <li>The Requiring Authority has completed Building-Modification Mitigation to the Category C Building; or</li> <li>The owner of the Category C Building did not accept the Requiring Authority's offer to implement Building-Modification Mitigation prior to the expiry of the timeframe stated in Condition NZTA.28(b) above (including where the owner did not respond to the Requiring Authority within that period); or</li> <li>The owner of the Category C Building cannot, after reasonable enquiry, be found prior to completion of construction of the Project.</li> </ol>
NZTA.31.	<p>The Requiring Authority shall manage and maintain the Detailed Mitigation Options to ensure that, to the extent practicable, those mitigation works retain their noise reduction performance.</p>
	<p><b>Roading and traffic management</b></p>
NZTA.32.	<p>A general Construction Traffic Management Plan (CTMP) shall be prepared for the Project. This CTMP shall address the following:</p> <ol style="list-style-type: none"> <li>The staging of the works, including details of any proposals to work on multiple sections of the Project route concurrently;</li> <li>A general methodology for selecting detour routes; and</li> <li>The potential effects on the detour routes selected and how these will be managed to seek to ensure safety for all road users.</li> </ol>
NZTA.33.	<p>The CTMP shall be provided to the Road Asset Manager at least one month prior to commencement of construction of any part of the Project within the District.</p>
NZTA.34.	<p>The CTMP shall contain a section setting out methods to manage the construction traffic effects of the harvesting of plantation forestry as part of the enabling works for the Project. These methods shall include but not be limited to:</p>

Reference	Proposed condition
	<ul style="list-style-type: none"> <li>a. Traffic and access considerations;</li> <li>b. Methods to manage effects on the amenity of surrounding residential neighbourhoods including hours of operation, and number of heavy vehicle movements per day;</li> <li>c. The areas to be cleared at any one time; and</li> <li>d. Methods to maintain the quality of local roads used as access routes.</li> </ul>
NZTA.35.	<p>Site Specific Traffic Management Plans (SSTMPs) shall be provided to the road controlling authority at least 3 working days prior to the commencement of work in that area, and shall describe the measures that will be taken to manage the traffic effects associated with the construction of specific parts of the Project prior to construction of the relevant part(s) of the project commencing. In particular SSTMP(s) shall describe:</p> <ul style="list-style-type: none"> <li>a. Temporary traffic management measures required to manage impacts on road users during proposed working hours;</li> <li>b. Delay calculations associated with the proposed closure/s and detour routes;</li> <li>c. The capacity of any proposed detour route(s) and their ability to carry the additional traffic volumes and any known safety issues associated with the detour route, including any mitigation measures the Requiring Authority proposes to put in place to address any identified safety issues;</li> <li>d. Individual traffic management plans for intersections of the proposed Project with arterial roads;</li> <li>e. Measures to maintain, where practicable, existing vehicle access to adjacent properties and businesses;</li> <li>f. Measures to maintain, where practicable, safe and clearly identified pedestrian and cyclist access on roads and footpaths adjacent to the construction works. Where detours are necessary to provide such access the Requiring Authority shall provide for the shortest and most convenient detours, which it is reasonably practicable to provide, having regard to safety;</li> <li>g. Any proposed temporary changes in speed limit;</li> <li>h. Provision for safe and efficient access of construction vehicles to and from construction site(s); and</li> <li>i. The measures that will be undertaken by the Requiring Authority to communicate traffic management measures to affected road users and stakeholders.</li> </ul>
NZTA.36.	<p>SSTMP(s) shall be prepared following consultation with the following key stakeholders:</p> <ul style="list-style-type: none"> <li>a. The Council;</li> <li>b. Emergency services (police, fire and ambulance).</li> <li>c. Schools and childcare centres with frontage or access to roads within which works in relation to the relevant part of the Project will take place.</li> </ul>
NZTA.37.	<p>The CTMP and SSTMP(s) shall be consistent with the version of the NZ Transport Agency Code of Practice for Temporary Traffic Management (COPTTM) which applies at the time the CTMP or the relevant SSTMP is prepared.</p>
NZTA.38.	<p>The CTMP and SSTMP(s) shall undergo an independent safety and traffic operational review, by a suitably qualified independent party, prior to being submitted to the Council.</p>
NZTA.39.	<p>The Requiring Authority shall carry out random auditing of temporary road closure/s in accordance with COPTTM at regular intervals throughout the construction of the Project. The intervals shall be stated in the generic CTMP.</p>
NZTA.40.	<p>Prior to the commencement of any part of the Project, or any enabling works within the District, the Requiring Authority shall undertake a pre-construction condition survey of the carriageway/s along those local roads affected by the Project for which the Council is the road controlling authority and submit it to the Manager and the Roding Asset Manager. The condition survey shall consist of a photographic or video record of the carriageway.</p>
NZTA.41.	<p>The Requiring Authority shall, at carry out regular inspections of the road networks affected by the Project during construction, to seek to ensure that all potholes and other damage resulting from the construction of the Project are repaired as soon as practicable.</p>

Reference	Proposed condition
NZTA.42.	As soon as practicable following completion of construction of the Project the Requiring Authority shall, at its expense, conduct a post-construction condition survey of the road network affected by the Project. The results of the pre and post construction surveys will be compared and where necessary, the Requiring Authority shall arrange for the Council's road maintenance contractor to repair any damage to the carriageways and footpaths (and associated road components), for which the Council is the road controlling authority, where that damage has resulted from the impacts of construction of the Project.
	<b>Site specific contamination matters</b>
NZTA.43.	<p>The Requiring Authority shall, in consultation with the New Zealand Police and New Zealand Defence Force update the protocol that has been prepared detailing the procedures to manage the risk of unexpectedly discovering an unexploded ordnance (UXO). The protocol shall include:</p> <ol style="list-style-type: none"> <li>Arrangements for intrusive investigation of any potential UXO in the MacKays Crossing area where the potential UXO could be disturbed by construction activities prior to commencement of any enabling or construction works in the MacKays Crossing area; and</li> <li>Measures to seek to ensure the safety of workers and the public from the potential effects of the UXO.</li> </ol> <p><b>Note:</b> This condition applies to the Kapiti Coast District Plan designation only.</p>
NZTA.44.	<p>The Requiring Authority shall prepare a specific remedial action plan (RAP) for the Porirua Gun Club site and provide this to the Manager at least 20 working days prior to undertaking either remedial action or earthworks at the Porirua Gun Club site. The RAP shall include:</p> <ol style="list-style-type: none"> <li>A soil excavation plan;</li> <li>A soil disposal plan;</li> <li>A validation sampling plan; and</li> <li>Reporting requirements.</li> </ol> <p>The Requiring Authority shall implement the RAP.</p> <p><b>Note:</b> This condition applies to the Porirua District Plan designation only</p>
	<b>Lighting</b>
NZTA.45.	<p>Lighting shall be designed and screened to minimise the amount of lighting overspill and illumination of residential areas, and shall demonstrate that:</p> <ol style="list-style-type: none"> <li>All motorway lighting shall be designed in accordance with "Road lighting Standard AS/NZS1158"; and</li> <li>All other lighting shall be designed in accordance with the rules of the relevant District Plan (if any).</li> </ol>
	<b>Landscape management and urban design</b>
NZTA.46.	<p>An OP for the construction of any part of the Project located within the District or for the construction of any Project stage within the District shall include a Landscape Management Plan (LMP) for the relevant part of the Project. The LMP shall be prepared by a suitably qualified landscape architect (or similar appropriate personnel), and shall be prepared in accordance with:</p> <ol style="list-style-type: none"> <li>Transit New Zealand's Guidelines for Highway Landscaping (dated September 2002);</li> <li>Transit New Zealand's "Urban Design Implementation Principles (2006)";</li> </ol> <p>and shall be consistent with:</p> <ol style="list-style-type: none"> <li>the Transmission Gully Urban and Landscape Design Framework (Beca et al, 2011); and</li> <li>the Ecological Management and Monitoring Plan (Boffa Miskell, August 2011).</li> </ol>
NZTA.47.	<p>All LMP(s) shall provide for:</p> <ol style="list-style-type: none"> <li>Input to earthworks contouring;</li> <li>The integration of the Project's permanent works into the surrounding landscape;</li> <li>Landscape works within land acquired for the Project which mitigate the effects of the Project on properties in the vicinity of the alignment;</li> </ol>

Reference	Proposed condition
	<p>d. Retention or relocation of significant existing trees, where practicable; and</p> <p>e. Replacement planting for loss of existing trees, where appropriate and practicable.</p>
NZTA.48.	<p>The LMP(s) shall be prepared in consultation with Te Runanga o Toa Rangatira Inc, and the <b>[insert relevant Council here]</b> and shall include the following:</p> <p>a. A Concept Plan/Report – this shall depict the overall landscape and urban design concept, and provide a framework for the design intent, layout and mitigation proposals.</p> <p>b. Landscape Design Details – these shall include the following details:</p> <p>i. Identification of vegetation to be retained;</p> <p>ii. Proposed planting, including plant species, mixes, spacing/densities, sizes (at the time of planting) and layout;</p> <p>iii. Planting programme – the staging of planting in relation to the construction programme;</p> <p>iv. Detailed specifications relating to (but not limited to) the following:</p> <ul style="list-style-type: none"> <li>• Vegetation protection (for desirable vegetation to be retained);</li> <li>• Weed control and clearance;</li> <li>• Ground preparation (topsoiling and decompaction to provide for rapid plant establishment and ongoing vigour);</li> <li>• Mulching; and</li> <li>• Plant supply and planting - which shall require: <ul style="list-style-type: none"> <li>1. Any planting to reflect the natural plant associations of the area;</li> <li>2. Where practicable, the use of mixes of plant which are of a suitable richness and diversity to encourage self-sustainability once established; and</li> <li>3. Any native plants to, so far as practicable, be genetically sourced from the relevant Ecological District;</li> </ul> </li> </ul> <p>v. A maintenance regime including monitoring and reporting requirements, which is to apply for the three years following that planting being undertaken;</p> <p>vi. Landscape treatment for noise barriers;</p> <p>vii. Landscape treatment for any pedestrian and cycle facilities;</p> <p>viii. Consideration of:</p> <ul style="list-style-type: none"> <li>• The landscape character of the area;</li> <li>• The relationship of the works to the natural environment, including streams;</li> <li>• The potential for a joint pedestrian and cycle path under the SH58 interchange; and</li> <li>• Crime Prevention Through Environmental Design (CPTED) principles in urban areas.</li> </ul>
NZTA.49.	<p>Prior to the Requiring Authority undertaking any planting provided for in the LMP and throughout the ensuing landscaping maintenance period, all weed species declared as plant pests in the Wellington region by the Wellington Regional Pest Management Strategy shall be controlled and removed from the site of any planting undertaken pursuant to the LMP which is located on:</p> <p>a. Land declared to be motorway or limited access road;</p> <p>b. Any Crown land held for roading or motorway purposes for the Project and which the NZTA administers; or</p> <p>c. Any other land, e.g. private land and local authority owned land, in relation to which the NZTA has appropriate property rights which allow it to lawfully undertake such weed removal.</p>
NZTA.50.	<p>The planting identified in a LMP shall be implemented in accordance with the LMP within the first planting season following the completion of the construction works to which the LMP relates, or where an LMP relates to a number of Project stages, within the first planting season following completion of construction of the Project stage to which the planting relates, providing climatic conditions are suitable; otherwise at the first practicable opportunity thereafter.</p>

## 29.3 Proposed PCC designation conditions

### 29.3.1 Definitions

AEE	Transmission Gully Project Assessment of Effects on the Environment Volumes 1 to 5 dated August 2011
CEMP	Construction Environmental Management Plan
Commencement of Works	means the time when the works that are the subject of these consents commence
Council	means the Porirua City Council
Existing network utilities	all network utilities existing at the date of lodgement of this Notice of Requirement (network utility has the same meaning as in Section 166 RMA)
GWRC	Wellington Regional Council
Manager	means the <b>[insert relevant position title]</b> of the Council
OP	means an Outline Plan prepared in accordance with Section 176A of the RMA
PCC	Porirua City Council
Project	means the construction, maintenance and operation of the Waitangirua and Whitby Link Roads
Requiring Authority	means the Porirua City Council
RMA	means the Resource Management Act 1991.
Road Asset Manager	means the Council's road asset manager
SSEMP	means a Site Specific Environmental Management Plan required under the provisions of regional consent conditions
Stage	means a stage of the Project as nominated by the contractor and agreed with the GWRC

### 29.3.2 Advice Notes

- A. These conditions apply to both the Whitby Link Road and the Waitangirua Link Road Notices of Requirement unless otherwise stated.



- B. These conditions are related to the proposed regional consent conditions, and the proposed designation conditions for each of the relevant districts. Where management plans are required, a single management plan could be prepared to address the relevant condition for each NoR and any similar regional consent condition.
- C. Where possible, the designation and regional consent conditions use the same or similar wording.

Reference	Proposed condition
	<b>General conditions and administration</b>
PCC.1.	<p>Except as modified by the conditions below, and subject to final design, the Project shall be undertaken in general accordance with the information provided by the Requiring Authority in the Notice of Requirement and supporting documents being:</p> <p>a. <b>[list final dates and revision numbers here]</b></p> <p>For the avoidance of doubt, none of these conditions prevent or apply to works required for the ongoing operation or maintenance of the Project following construction such as changes to street furniture or signage over time. Depending upon the nature of such works, OPs or OP waivers may be required for any such works.</p>
PCC.2.	<p>As soon as practicable following completion of construction of the Project, the Requiring Authority shall:</p> <p>a. Review the width of the area designated for the Project;</p> <p>b. Identify any areas of designated land that are no longer necessary for the ongoing operation and maintenance of the Project or for ongoing mitigation measures; and</p> <p>c. Give notice to the Council in accordance with Section 182 of the RMA for the removal of those parts of the designation identified in PCC.2b above.</p>
PCC.3.	The designation shall lapse if not given effect to within 15 years from the date on which it is included in the District Plan under Section 175 of the RMA.
	<b>Outline plan</b>
PCC.4.	Subject to Condition PCC.5 below, the Requiring Authority shall submit an Outline Plan (OP) to the Council for the part of the Project located within the District or for each Project stage within the District, in accordance with Section 176A of the RMA.
PCC.5.	An OP need not be submitted if the Council has waived the requirement for an OP for the Project or for the relevant Project stage in accordance with Section 176A (2) (c) of the RMA.
PCC.6.	<p>The OP(s) shall include the following Management Plans for the relevant stage(s) of the Project:</p> <p>a. Construction Environmental Management Plan (CEMP);</p> <p>b. Construction Traffic Management Plan (CTMP); and</p> <p>c. Landscape Management Plan (LMP).</p>
	<b>Management plans</b>
PCC.7.	All works shall be carried out in general accordance with any of the management plans required by these conditions.
PCC.8.	The consent holder may request amendments to any of the management plans required by these conditions by submitting the amendments in writing to the Manager for approval prior to any changes taking effect.
	<b>Archaeology and heritage</b>
PCC.9.	<p>The Requiring Authority, in consultation with, Te Runanga o Toa Rangatira Inc and the New Zealand Historic Places Trust, shall prepare an accidental discovery protocol to be implemented in the event of accidental discovery of cultural or archaeological artefacts or features during the construction of the Project. This protocol shall be submitted to the Manager at least 20 working days prior to any construction or enabling Work commencing under this consent on any part of the Project within the District. The protocol shall include, but not be limited to:</p> <p>a. Training procedures for all contractors regarding the possible presence of cultural or archaeological sites or material, what these sites or material may look like, and the</p>

Reference	Proposed condition
	<p>relevant provisions of the Historic Places Act 1993 if any sites or material are discovered;</p> <p>b. Parties to be notified in the event of an accidental discovery shall include, but need not be limited to Te Runanga o Toa Rangatira Inc, the New Zealand Historic Places Trust, the GWRC, the relevant District or City Council and the New Zealand Police (if koiwi are discovered);</p> <p>c. Procedures to be undertaken in the event of an accidental discovery (these shall include immediate ceasing of all physical works in the vicinity of the discovery); and</p> <p>d. Procedures to be undertaken before Work under this consent may recommence in the vicinity of the discovery. These shall include allowance for appropriate tikanga (protocols), recording of sites and material, recovery of any artefacts, and consulting with Te Runanga o Toa Rangatira Inc and the New Zealand Historic Places Trust prior to recommencing works in the vicinity of the discovery.</p>
	<b>Construction Environmental Management Plan</b>
PCC.10.	<p>An OP for the part of the Project located within the District or for any Project stage located within the District shall include a Construction Environmental Management Plan or Plans (CEMP) for the relevant part of the Project. Among other things, a CEMP is to confirm that the proposed construction methodology for the relevant part of the Project complies with General Condition 1 of this designation and to demonstrate how other conditions of this designation have been or will be complied with during the construction of the relevant part of the Project.</p>
PCC.11.	<p>The purpose of a CEMP is to confirm, for the relevant part of the Project, the staging of works, detailed engineering design to seek to ensure that the construction of that part of the Project remains within the limits and standards approved under this designation and that the construction activities avoid, remedy or mitigate adverse effects on the environment. A CEMP shall provide details of the responsibilities, reporting frameworks, coordination and management required for Project quality assurance, final detailed design, construction methodologies, anticipated timeframes and monitoring processes and procedures.</p> <p>A CEMP shall include but need not be limited to:</p> <p><u>(A) Quality Assurance</u></p> <p>A Quality Assurance section which shall include management frameworks, systems and procedures for quality management of all on-site activities and compliance with the conditions of this designation. Among other matters this section shall provide details of the following:</p> <ol style="list-style-type: none"> <li>a. Name, qualifications, relevant experience and contact details of an appropriately qualified and experienced project manager, who shall be responsible for overseeing compliance with the CEMP;</li> <li>b. Names, qualifications, relevant experience, and methods for contacting principal staff employed on the relevant part of the Project, along with details of their roles and responsibilities;</li> <li>c. Methods and systems to inform and train all persons working on site of potential environmental issues and how to avoid, remedy or mitigate any potential adverse construction effects;</li> <li>d. Systems and processes whereby the public are informed of contact details of the project manager and person or persons identified above;</li> <li>e. Liaison procedures with the Council; and</li> <li>f. Communication protocols.</li> </ol> <p><u>(B) Site Management</u></p> <p>The Site Management section of the CEMP shall detail procedures to manage the relevant part of the Project throughout the entire construction process in a safe manner. This section shall provide details of the following (and may include other matters):</p> <ol style="list-style-type: none"> <li>a. Details of the site access for all works associated with construction of the part of the Project;</li> </ol>

Reference	Proposed condition
	<ul style="list-style-type: none"> <li>b. Measures to be adopted to maintain the site in a tidy condition in terms of disposal/storage of rubbish, storage and unloading of building materials and similar construction activities;</li> <li>c. Location of workers' conveniences (e.g. portaloos);</li> <li>d. Procedures for controlling sediment run-off into the watercourses/streams, dust and the removal of soil, debris and construction materials from the watercourses/streams and riparian margins, and onto public roads or places (including identifying the location of wheel wash facilities);</li> <li>e. A contingency plan in the event that there is any unconsented discharge to watercourses/streams;</li> <li>f. Details of the storage of fuels and lubricants (which shall require that storage be bunded or contained in such a manner so as to prevent the discharge of contaminants from spillages);</li> <li>g. Details of the proposed maintenance of machinery and plant to minimise the potential for leakage of fuels and lubricants;</li> <li>h. Location of vehicle and construction machinery access and storage during the period of site works;</li> <li>i. Procedures for thoroughly cleaning all machinery of unwanted vegetation (e.g. weeds), seeds or contaminants prior to entering the site;</li> <li>j. Methods for the clear identification and marking of the construction zones including those which extend into watercourses;</li> <li>k. A methodology that prescribes the extent to which machinery can operate in the vicinity of watercourses so as to minimise disruption and damage to the watercourses and associated vegetation;</li> <li>l. Methods to ensure public health and safety during the construction works, and notification to the public of temporary access restrictions to the immediate works area during the staged construction;</li> <li>m. Confirmation that no equipment or machinery will be cleaned, or refuelled in any part of any watercourses/streams, except as otherwise specifically provided for in the CEMP or an SSEMP;</li> <li>n. Procedures for removing all contaminants (e.g. fuel, hydraulic oils, lubricants etc) from the site at the end of the construction period, except for those required for ongoing maintenance of the road and operational activities; and</li> <li>o. Procedures for making any repairs to the adjacent road network required where any damage occurs as a direct result of the Project.</li> </ul> <p><u>(C) Construction Programme and Methodology</u></p> <p>A Construction Programme which shall include a programme of works that seeks to enable the relevant part of the Project to be constructed in a manner that is timely, adequately co-ordinated and manages the adverse effects of construction on the environment. This section shall, among other matters, provide details on the following:</p> <ul style="list-style-type: none"> <li>a. A detailed staging programme and anticipated timetable for construction works during the relevant part of the Project; and</li> <li>b. A methodology to identify how earthworks will be staged during the relevant part of the Project to manage the effects of the Project on the Pauatahanui Inlet.</li> </ul> <p><u>(D) Environmental Management Plans</u></p> <p>The following environmental management plans shall be included in the appendices to any CEMP:</p> <ul style="list-style-type: none"> <li>a. <b>Construction Noise and Vibration Management Plan (CNVMP)</b>; and</li> <li>b. <b>Construction Air Quality Management Plan (CAQMP)</b>.</li> </ul> <p style="margin-left: 40px;">A. The CNVMP shall:</p> <ul style="list-style-type: none"> <li>a. Be prepared by a suitably qualified acoustics specialist;</li> </ul>

Reference	Proposed condition																																											
	<p>b. Include specific details relating to methods for the control of noise associated with all relevant Project works, which shall be formulated to, as far as practicable, comply with the following criteria in accordance with NZS 6803:1999:</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr style="background-color: #cccccc;"> <th>Day</th> <th>Time</th> <th>L<sub>Aeq</sub>(15 min)</th> <th>L<sub>AFmax</sub></th> </tr> </thead> <tbody> <tr> <td rowspan="4">Weekdays</td> <td>0630h - 0730h</td> <td>55 dB</td> <td>75 dB</td> </tr> <tr> <td>0730h - 1800h</td> <td>70 dB</td> <td>85 dB</td> </tr> <tr> <td>1800h - 2000h</td> <td>65 dB</td> <td>80 dB</td> </tr> <tr> <td>2000h - 0630h</td> <td>45 dB</td> <td>75 dB</td> </tr> <tr> <td rowspan="4">Saturday</td> <td>0630h - 0730h</td> <td>45 dB</td> <td>75 dB</td> </tr> <tr> <td>0730h - 1800h</td> <td>70 dB</td> <td>85 dB</td> </tr> <tr> <td>1800h - 2000h</td> <td>45 dB</td> <td>75 dB</td> </tr> <tr> <td>2000h - 0630h</td> <td>45 dB</td> <td>75 dB</td> </tr> <tr> <td rowspan="4">Sundays and public holidays</td> <td>0630h - 0730h</td> <td>45 dB</td> <td>75 dB</td> </tr> <tr> <td>0730h - 1800h</td> <td>55 dB</td> <td>85 dB</td> </tr> <tr> <td>1800h - 2000h</td> <td>45 dB</td> <td>75 dB</td> </tr> <tr> <td>2000h - 0630h</td> <td>45 dB</td> <td>75 dB</td> </tr> </tbody> </table> <p>c. Address the following aspects with regard to construction noise:</p> <ol style="list-style-type: none"> <li>i. Noise sources, including machinery, equipment and construction techniques to be used;</li> <li>ii. Predicted construction noise levels;</li> <li>iii. Hours of operation, including times and days when noisy</li> </ol>	Day	Time	L <sub>Aeq</sub> (15 min)	L <sub>AFmax</sub>	Weekdays	0630h - 0730h	55 dB	75 dB	0730h - 1800h	70 dB	85 dB	1800h - 2000h	65 dB	80 dB	2000h - 0630h	45 dB	75 dB	Saturday	0630h - 0730h	45 dB	75 dB	0730h - 1800h	70 dB	85 dB	1800h - 2000h	45 dB	75 dB	2000h - 0630h	45 dB	75 dB	Sundays and public holidays	0630h - 0730h	45 dB	75 dB	0730h - 1800h	55 dB	85 dB	1800h - 2000h	45 dB	75 dB	2000h - 0630h	45 dB	75 dB
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	<p>construction work and blasting would occur;</p> <ul style="list-style-type: none"> <li>iv. The identification of activities and locations where structural noise mitigation measures such as temporary barriers or enclosures may be used;</li> <li>v. Details of which road-traffic noise mitigation options will be implemented early to also mitigate construction noise;</li> <li>vi. The measures that will be undertaken by the Requiring Authority to communicate noise management measures to affected stakeholders;</li> <li>vii. Mitigation options, including alternative strategies where full compliance with the noise criteria cannot practicably be achieved;</li> <li>viii. Schedules containing site specific information;</li> <li>ix. Methods for monitoring and reporting on construction noise; and</li> </ul> <p>d. Include specific details relating to methods for the control of vibration and airblast associated with all relevant Project works, which shall be formulated to, as far as practicable, comply with the Category A criteria in the following table, measured in accordance with ISO 4866:2010 and AS 2187-2:2006:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="background-color: #808080; color: white;">Receiver</th> <th style="background-color: #808080; color: white;">Details</th> <th style="background-color: #808080; color: white;">Category A</th> <th style="background-color: #808080; color: white;">Category B</th> </tr> </thead> <tbody> <tr> <td rowspan="2" style="text-align: center;">Occupied dwellings</td> <td style="text-align: center;">Night-time 2000h - 0630h  (transient vibration)</td> <td style="text-align: center;">0.3 mm/s ppv</td> <td style="text-align: center;">1 mm/s ppv</td> </tr> <tr> <td style="text-align: center;">Daytime 0630h - 2000h</td> <td style="text-align: center;">1 mm/s ppv</td> <td style="text-align: center;">5 mm/s ppv</td> </tr> <tr> <td style="text-align: center;">All occupied buildings</td> <td style="text-align: center;">Daytime blasting – vibration  – airblast</td> <td style="text-align: center;">5 mm/s ppv  120 dB L<sub>Zpeak</sub></td> <td style="text-align: center;">10 mm/s ppv  -</td> </tr> <tr> <td rowspan="4" style="text-align: center;">All buildings</td> <td style="text-align: center;">Vibration - transient  (including blasting)</td> <td rowspan="4" style="text-align: center;">5 mm/s ppv</td> <td style="text-align: center;">BS 5228-2  Table B.2</td> </tr> <tr> <td style="text-align: center;">Vibration - continuous</td> <td style="text-align: center;">BS 5228-2  50% of Table B.2 values</td> </tr> <tr> <td style="text-align: center;">Airblast</td> <td style="text-align: center;">-</td> <td style="text-align: center;">133 dB L<sub>Zpeak</sub></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>e. Describe the measures to be adopted in relation to construction vibration including:</p> <ul style="list-style-type: none"> <li>i. Vibration sources, including machinery, equipment and construction techniques to be used;</li> <li>ii. Procedures for building condition surveys at locations close to</li> </ul>	Receiver	Details	Category A	Category B	Occupied dwellings	Night-time 2000h - 0630h  (transient vibration)	0.3 mm/s ppv	1 mm/s ppv	Daytime 0630h - 2000h	1 mm/s ppv	5 mm/s ppv	All occupied buildings	Daytime blasting – vibration  – airblast	5 mm/s ppv  120 dB L <sub>Zpeak</sub>	10 mm/s ppv  -	All buildings	Vibration - transient  (including blasting)	5 mm/s ppv	BS 5228-2  Table B.2	Vibration - continuous	BS 5228-2  50% of Table B.2 values	Airblast	-	133 dB L <sub>Zpeak</sub>			
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Reference	Proposed condition
	<p>activities generating significant vibration, prior to and after completion of the works (including all buildings predicted to experience vibration which exceeds the Category A vibration criteria);</p> <ul style="list-style-type: none"> <li>iii. Procedures for management of vibration by a suitably qualified expert, if measured or predicted vibration and airblast levels exceed the Category A criteria;</li> <li>iv. Procedures for approval by the Council and continuous monitoring of vibration levels and effects by suitably qualified experts if measured or predicted vibration and airblast levels exceed the Category B criteria; and</li> <li>v. The measures that will be undertaken by the Requiring Authority to communicate vibration management measures to affected stakeholders.</li> </ul> <p>B. The CAQMP shall provide a methodology for managing the effects of dust from the site, and shall, as a minimum include:</p> <ul style="list-style-type: none"> <li>a. Identification and implementation of dust suppression measures appropriate to the environment in which the works are located, and the sensitivity of nearby receptors; and</li> <li>b. Identification of contingency measures to address identified and verified adverse effects on sensitive receptors. Contingency measures may include options such as cleaning houses and buildings.</li> </ul> <p><u>(E) Layout Drawings</u></p> <p>Drawings showing the proposed layout of the construction yards, including associated buildings, fencing and site access. The layout drawings shall, as far as practicable, incorporate the following:</p> <ul style="list-style-type: none"> <li>a. The main access to the construction yards to be located as far as practicable from residential dwellings;</li> <li>b. Noisy construction activities shall be located as far as practicable from residential dwellings;</li> <li>c. Temporary acoustic fences and visual barriers.</li> </ul>
PCC.12.	The Requiring Authority shall provide the Manager with an updated schedule of construction activities at monthly intervals during the construction of any part of the Project.
<b>Communications and public liaison</b>	
PCC.13.	A liaison person shall be appointed by the Requiring Authority for the duration of the construction phase of the Project to be the main and readily accessible point of contact for persons affected by the construction work. The Requiring Authority shall take appropriate steps to seek to advise all affected parties of the liaison person's name and contact details. This person must be reasonably available for on-going consultation on all matters of concern to affected persons arising from the construction of the Project. If the liaison person will not be available for any reason, an alternative contact person shall be nominated, to seek to ensure that a project contact person is available by telephone 24 hours per day/seven days per week during the construction phase of the Project.
PCC.14.	Prior to the commencement of construction and/or enabling works, the requiring authority shall prepare and implement, a <b>Communications Plan</b> that sets out procedures detailing how the public will be communicated with throughout the construction period. As a minimum, the Communications Plan shall include: <ul style="list-style-type: none"> <li>a. Details of a contact person available on site at all times during works. Contact details shall be prominently displayed at the entrance to the site(s) so that they are clearly visible to the public at all times.</li> <li>b. Methods to consult on and to communicate the proposed hours of construction activities outside of normal working hours and on weekends and public holidays, to surrounding residential communities, and methods to deal with concerns raised</li> </ul>

Reference	Proposed condition
	<p>about such hours.</p> <p>c. Methods to record concerns raised about hours of construction activities and, where practicable, methods to so far as is practicable, avoid particular times of day which have been identified as being particularly sensitive for neighbours.</p> <p>d. Details of communications activities proposed including:</p> <ul style="list-style-type: none"> <li>i. Publication of a newsletter, or similar, and its proposed delivery area.</li> <li>ii. Newspaper advertising</li> <li>iii. Notification and consultation with individual property owners and occupiers with dwellings within 20 metres of construction activities.</li> </ul> <p>The Communications Plan shall also include linkages and cross-references to methods set out in other management plans where relevant.</p>
	<b>Incidents / public complaints</b>
PCC.15.	<p>During construction Work, the consent holder shall maintain a permanent record of any complaints received alleging adverse effects from, or related to, the exercise of this consent. The record shall include:</p> <ul style="list-style-type: none"> <li>a. the name and address (as far as practicable) of the complainant;</li> <li>b. identification of the nature of the complaint;</li> <li>c. location, date and time of the complaint and of the alleged event;</li> <li>d. weather conditions at the time of the complaint (as far as practicable), and including wind direction and approximate wind speed if the complaint relates to air quality.</li> <li>e. the outcome of the consent holders investigation into the complaint;</li> <li>f. measures taken to seek to ensure that such a complaint does not occur again; and</li> <li>g. Any other activities in the area, unrelated to the project that may have contributed to the complaint, such as non-project construction, fires, traffic accidents or unusually dusty conditions generally.</li> </ul> <p>The consent holder shall also keep a record of any remedial actions undertaken.</p> <p>This record shall be maintained on site and shall be made available to the Manager, upon request. The consent holder shall notify the Manager in writing of any such complaint within 5 working days of the complaint being brought to the attention of the consent holder.</p>
	<b>Existing network utilities</b>
PCC.16.	<p>The Requiring Authority shall prepare and implement a <b>Network Utilities Management Plan (NUMP)</b> so that enabling works, design and construction of the Project adequately take account of, and include measures to address, the safety, integrity, protection or, where necessary, relocation of, existing network utilities.</p>
PCC.17.	<p>A copy of the NUMP shall be provided to the Manager at least 10 working days prior to the commencement of any enabling or construction works on any part of the Project located within the District.</p>
PCC.18.	<p>The NUMP shall include, but need not be limited to, the following matters:</p> <ul style="list-style-type: none"> <li>a. The methods the Requiring Authority will use to liaise with all infrastructure providers who have existing network utilities that are directly affected by, or located in close proximity to, the Project.</li> <li>b. The methods the Requiring Authority will use to enable infrastructure providers to access existing network utilities for maintenance and all reasonable times, and to access existing network utilities for emergency works at all times, whilst construction activities associated with the Project are occurring.</li> </ul> <p>The methods the Requiring Authority will use to seek to ensure that all construction personnel, including contractors, are aware of the presence and location of the various existing network utilities which traverse, or are in close proximity to the Project, and the restrictions in place in relation to those existing network utilities. This shall include plans identifying the locations of the existing network utilities and appropriate physical indicators on the ground showing specific surveyed locations.</p>
PCC.19.	<p>The NUMP shall be prepared in consultation with the relevant infrastructure providers who have existing network utilities that are directly affected by the Project and, in addition to the matters listed in Condition PCC.18 shall include:</p>

Reference	Proposed condition
	<ul style="list-style-type: none"> <li>a. Measures to be used to accurately identify the location of existing network utilities,</li> <li>b. Measures for the protection, relocation and/or reinstatement of existing network utilities;</li> <li>c. Measures to provide for the safe operation of plant and equipment, and the safety of workers, in proximity to live existing network utilities;</li> <li>d. Measures to manage potential induction hazards to existing network utilities;</li> <li>e. Earthworks management (including depth and extent of earthworks), for earthworks in close proximity to existing network utility;</li> <li>f. Vibration management for works in close proximity to existing network utility; and</li> <li>g. Emergency management procedures in the event of any emergency involving existing network utilities.</li> </ul>
	<b>Roading and traffic management</b>
PCC.20.	<p>A general Construction Traffic Management Plan (CTMP) shall be prepared for the Project. This CTMP shall address the following:</p> <ul style="list-style-type: none"> <li>a. The staging of the works, including details of any proposals to work on multiple sections of the Project route concurrently;</li> <li>b. A general methodology for selecting detour routes; and</li> <li>c. The potential effects on the detour routes selected and how these will be managed to seek to ensure safety for all road users.</li> </ul>
PCC.21.	<p>The CTMP shall be provided to the Road Asset Manager at least one month prior to commencement of construction of any part of the Project within the District.</p>
PCC.22.	<p>Site Specific Traffic Management Plans (SSTMPs) shall be provided to the road controlling authority at least 3 working days prior to the commencement of work in that area, and shall describe the measures that will be taken to manage the traffic effects associated with the construction of specific parts of the Project prior to construction of the relevant part(s) of the project commencing. In particular SSTMP(s) shall describe:</p> <ul style="list-style-type: none"> <li>a. Temporary traffic management measures required to manage impacts on road users during proposed working hours;</li> <li>b. Delay calculations associated with the proposed closure/s and detour routes;</li> <li>c. The capacity of any proposed detour route(s) and their ability to carry the additional traffic volumes and any known safety issues associated with the detour route, including any mitigation measures the Requiring Authority proposes to put in place to address any identified safety issues;</li> <li>d. Individual traffic management plans for intersections of the proposed Project with arterial roads;</li> <li>e. Measures to maintain, where practicable, existing vehicle access to adjacent properties and businesses;</li> <li>f. Measures to maintain, where practicable, safe and clearly identified pedestrian and cyclist access on roads and footpaths adjacent to the construction works. Where detours are necessary to provide such access the Requiring Authority shall provide for the shortest and most convenient detours, which it is reasonably practicable to provide, having regard to safety;</li> <li>g. Any proposed temporary changes in speed limit;</li> <li>h. Provision for safe and efficient access of construction vehicles to and from construction site(s); and</li> <li>i. The measures that will be undertaken by the Requiring Authority to communicate traffic management measures to affected road users and stakeholders.</li> </ul>
PCC.23.	<p>SSTMP(s) shall be prepared following consultation with the following key stakeholders:</p> <ul style="list-style-type: none"> <li>a. The Council;</li> <li>b. Emergency services (police, fire and ambulance).</li> <li>c. Schools and childcare centres with frontage or access to roads within which works in relation to the relevant part of the Project will take place.</li> </ul>
PCC.24.	<p>The CTMP and SSTMP(s) shall be consistent with the version of the NZ Transport Agency Code of Practice for Temporary Traffic Management (COPTTM) which applies at the time</p>



Reference	Proposed condition
	the CTMP or the relevant SSTMP is prepared.
PCC.25.	The Requiring Authority shall, at carry out regular inspections of the road networks affected by the Project during construction, to ensure all potholes and other damage resulting from the construction of the Project are repaired as soon as practicable.
PCC.26.	As soon as practicable following completion of construction of the Project the Requiring Authority shall, at its expense, conduct a post-construction condition survey of the road network affected by the Project. The results of the pre and post construction surveys will be compared and where necessary, the Requiring Authority shall arrange for the Council's road maintenance contractor to repair any damage to the carriageways and footpaths (and associated road components), for which the Council is the road controlling authority, where that damage has resulted from the impacts of construction of the Project.
	<b>Lighting</b>
PCC.27.	Any lighting used during construction shall be designed and screened to minimise the amount of lighting overspill and illumination of residential areas.
	<b>Landscape management and urban design</b>
PCC.28.	An OP for the construction of any part of the Project located within the District or for the construction of any Project stage within the District shall include a Landscape Management Plan (LMP) for the relevant part of the Project. The LMP shall be prepared by a suitably qualified landscape architect (or similar appropriate personnel), and shall be prepared in accordance with: <ul style="list-style-type: none"> <li>a. Transit New Zealand's Guidelines for Highway Landscaping (dated September 2002);</li> <li>b. Transit New Zealand's "Urban Design Implementation Principles (2006)";</li> </ul> and shall be consistent with: <ul style="list-style-type: none"> <li>c. the Transmission Gully Urban and Landscape Design Framework (Beca et al, 2011); and</li> <li>d. the Ecological Management and Monitoring Plan (Boffa Miskell, August 2011).</li> </ul>
PCC.29.	All LMP(s) shall provide for: <ul style="list-style-type: none"> <li>a. Input to earthworks contouring;</li> <li>b. The integration of the Project's permanent works into the surrounding landscape;</li> <li>c. Landscape works within land acquired for the Project which mitigate the effects of the Project on properties in the vicinity of the alignment;</li> <li>d. Retention or relocation of significant existing trees, where practicable; and</li> <li>e. Replacement planting for loss of existing trees, where appropriate and practicable.</li> </ul>
PCC.30.	The LMP(s) shall be prepared in consultation with Te Runanga o Toa Rangatira Inc, PCC (as asset owner), Whitby Residents Association, Maraeroa Marae Executive, and Tokelauan Christian Church and shall include the following: <ul style="list-style-type: none"> <li>a. A Concept Plan/Report – this shall depict the overall landscape and urban design concept, and provide a framework for the design intent, layout and mitigation proposals.</li> <li>b. Landscape Design Details – these shall include the following details: <ul style="list-style-type: none"> <li>i. Identification of vegetation to be retained;</li> <li>ii. Proposed planting including – plant species, mixes, spacing/densities, sizes (at the time of planting) and layout;</li> <li>iii. Planting programme – the staging of planting in relation to the construction programme;</li> <li>iv. Detailed specifications relating to (but not limited to) the following: <ul style="list-style-type: none"> <li>• Vegetation protection (for desirable vegetation to be retained);</li> <li>• Weed control and clearance;</li> <li>• Ground preparation (topsoiling and decompaction to provide for rapid plant establishment and ongoing vigour);</li> <li>• Mulching; and</li> <li>• Plant supply and planting - which shall require: <ul style="list-style-type: none"> <li>1. Any planting to reflect the natural plant associations of the area;</li> </ul> </li> </ul> </li> </ul> </li> </ul>

Reference	Proposed condition
	<ol style="list-style-type: none"> <li>2. Where practicable, the use of mixes of plant which are of a suitable richness and diversity to encourage self-sustainability once established; and</li> <li>3. Any native plants to, so far as practicable, be genetically sourced from the relevant Ecological District;</li> <li>v. A maintenance regime for any planting which is to apply for the three years following that planting being undertaken (requirements and programme)</li> <li>vi. Waitangirua entrance feature;</li> <li>vii. Landscape treatment for noise barriers (Waitangirua Link Road);</li> <li>viii. Pedestrian and cycle facilities;</li> <li>ix. Consideration of: <ul style="list-style-type: none"> <li>• The landscape character of the area; and</li> <li>• The relationship of the works to the natural environment, including streams</li> <li>• Crime Prevention Through Environmental Design (CPTED) principles in urban areas.</li> </ul> </li> </ol>
PCC.31.	Prior to the Requiring Authority undertaking any planting provided for in the LMP and throughout the ensuing maintenance period, all weed species declared as plant pests in the Wellington region shall be controlled and removed from the site of any planting undertaken pursuant to the LMP.
PCC.32.	The planting identified in a LMP shall be implemented in accordance with the LMP within the first planting season following the completion of the construction works to which the LMP relates, or where an LMP relates to a number of Project stages, within the first planting season following completion of construction of the Project stage to which the planting relates, providing climatic conditions are suitable otherwise at the first practicable opportunity thereafter.