

**E02-04 PROPOSED PUBLIC RESERVE,
AVONDALE ROAD TO FONTEYN
STREET**

Establishment of reserve will be a permitted activity provided that -

1. Development shall be in accordance with the development controls for the Open Space 2 zone.
2. Landscaping shall be provided and maintained in such a manner as to create and preserve a good standard of amenity.
3. The term for implementation of this designation shall be within 12 years from the inclusion of the designation in the District Plan in accordance with Section 184 of the Resource Management Act.
4. Unless lapsed prior to 15 June 2010, the expiry date of this designation was extended to 1 November 2015, by S78 of the Local Government (Auckland Transitional Provisions) Act 2010.

**E02-05 PROPOSED PUBLIC RESERVE,
RIVERSDALE ROAD**

Establishment of a reserve will be a permitted activity provided that -

1. Development shall be in accordance with the development controls for the Open Space 3 zone.
2. The proposed reserve shall be classified as recreation reserve under the Reserves Act 1977.
3. The terms for implementation of this designation shall be within 12 years from the inclusion of the designation in the District Plan in accordance with Section 184 of the Resource Management Act.
4. Unless lapsed prior to 15 June 2010, the expiry date of this designation was extended to 1 November 2015, by S78 of the Local Government (Auckland Transitional Provisions) Act 2010.

**E02-06 PROPOSED PUBLIC RESERVE,
RIVERSDALE ROAD**

Establishment of a reserve will be a permitted activity provided that -

1. Development shall be in accordance with the development controls for the Open Space 3 zone.
2. The proposed reserve shall be classified as recreation reserve under the Reserves Act 1977.

3. The terms for implementation of this designation shall be within 12 years from the inclusion of the designation in the District Plan in accordance with Section 184 of the Resource Management Act.

4. Unless lapsed prior to 15 June 2010, the expiry date of this designation was extended to 1 November 2015, by S78 of the Local Government (Auckland Transitional Provisions) Act 2010.

**E03-03 ROSEBANK PRIMARY SCHOOL,
ROSEBANK ROAD**

Development to be in accordance with the following -

1. The following trees shall not be cut, damaged, altered, injured, destroyed or partly destroyed other than in accordance with an outline plan submitted and processed in terms of Section 176A of the Resource Management Act 1991:

- indigenous trees (including the roots) over 6m in height or with a girth (measured at 1.4m above the ground) greater than 600mm;
- exotic trees (including the roots) over 8m in height or with a girth (measured at 1.4m above the ground) greater than 800mm.

In the case of a tree with multiple trunks (such as pohutukawa) the girth measurement shall be the aggregate or collective measurement of all trunks which have a circumference of 250mm or more.

Provided that regular minor trimming or maintenance effected by hand operated secateurs or pruning shears, may be undertaken in accordance with accepted arboricultural practice, and that removal or trimming required to safeguard life and property is permitted without an outline plan.

2. No works shall be carried out within the dripline of the following trees other than in accordance with an outline plan submitted and processed in terms of Section 176A of the Resource Management Act 1991:

- indigenous trees (including the roots) over 6m in height or with a girth (measured at 1.4m above the ground) greater than 600mm;
- exotic trees (including the roots) over 8m in height or with a girth (measured at 1.4m above the ground) greater than 800mm.

In the case of a tree with multiple trunks (such as pohutukawa) the girth measurement shall be the aggregate or collective measurement of all trunks which have a circumference of 250mm or more.

3. Carparking shall be provided at the rate of two carparks per classroom, except where the Council



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accepts, on the basis of a specifically commissioned parking study by an appropriately qualified engineer, that a lesser level is appropriate.

4. Unless lapsed prior to 15 June 2010, the expiry date of this designation was extended to 1 November 2015, by S78 of the Local Government (Auckland Transitional Provisions) Act 2010.

E03-04 AVONDALE COLLEGE AND AVONDALE INTERMEDIATE SCHOOL, VICTOR STREET

Development to be in accordance with the following -

1. The following trees shall not be cut, damaged, altered, injured, destroyed or partly destroyed other than in accordance with an outline plan submitted and processed in terms of Section 176A of the Resource Management Act 1991:

- indigenous trees (including the roots) over 6m in height or with a girth (measured at 1.4m above the ground) greater than 600mm;
- exotic trees (including the roots) over 8m in height or with a girth (measured at 1.4m above the ground) greater than 800mm.

In the case of a tree with multiple trunks (such as pohutukawa) the girth measurement shall be the aggregate or collective measurement of all trunks which have a circumference of 250mm or more.

Provided that regular minor trimming or maintenance effected by hand operated secateurs or pruning shears, may be undertaken in accordance with accepted arboricultural practice, and that removal or trimming required to safeguard life and property is permitted without an outline plan.

2. No works shall be carried out within the dripline of the following trees other than in accordance with an outline plan submitted and processed in terms of Section 176A of the Resource Management Act 1991:

- indigenous trees (including the roots) over 6m in height or with a girth (measured at 1.4m above the ground) greater than 600mm;
- exotic trees (including the roots) over 8m in height or with a girth (measured at 1.4m above the ground) greater than 800mm.

In the case of a tree with multiple trunks (such as pohutukawa) the girth measurement shall be the aggregate or collective measurement of all trunks which have a circumference of 250mm or more.

3. Carparking shall be provided at the rate of two carparks per classroom, except where the Council accepts, on the basis of a specifically commissioned

parking study by an appropriately qualified engineer, that a lesser level is appropriate.

4. A new 1.8m close board timber fence shall be erected along the eastern boundary of Lot 1 DP 159809 and the north western boundary of Lot 8 DP 50025 at the commencement of the re-development of these sites.
5. A landscaped strip with a minimum width of 1m shall be planted along the length of the close boarded fence on the eastern boundary of Lot 1 DP 159809 prior to the completion of the redevelopment of this site. In addition to the 1m landscaping strip, further planting shall be provided where appropriate between any carparking spaces and the eastern boundary.
6. If the dwelling existing on the Lot 1 DP 159809 in January 2004 is removed, a landscaping strip with a minimum width of 2m shall be established along the length of eastern boundary of this site. If condition 5 above has already been given effect to an additional 1m of landscaping shall be established along the length of the eastern boundary.
7. If the dwelling existing on the Lot 8 DP 50025 in January 2004 is removed, a landscaping strip with a minimum width of 2m shall be established along the length of the north western boundary of this site.
8. All buildings shall have a maximum height of 10m where they are located within 20m of a residential zone boundary or a maximum height of 12.5m if they are located elsewhere on the site(s).
9. All buildings located on Lot 1 DP 159809 and Lot 8 DP 50025 shall comply with Clause 7.8.1.3(b) - Height in Relation to Boundary of the Isthmus District Plan 1999 in respect of the eastern boundary of Lot 1 DP 159809 and the north western boundary of Lot 8 DP 50025.
10. A 3m front yard is required on each of the above sites. If any of the dwellings existing on these sites in January 2004 are removed a minimum of 50% of the front yard of the relevant site(s) shall be landscaped and maintained in such a manner as to create and preserve a good standard of visual amenity.
11. Where any outdoor storage, refuse disposal area, service or parking area directly adjoins or faces a public road this area shall be screened by a solid wall not less than 1m in height and densely planted vegetation and shrubs that screen the area during all seasons of the year.
12. Activities shall comply with Clause 10.8.2.6 - Noise Control at the Residential Zone Interface in the Isthmus District Plan 1999.
13. Unless lapsed prior to 15 June 2010, the expiry date of this designation was extended to 1 November



2015, by S78 of the Local Government (Auckland Transitional Provisions) Act 2010.

N.B: for clarity the eastern boundary of Lot 1 DP 159809 is the boundary adjoining the sites at 43 and 41a Victor St and the north western boundary of Lot 8 DP 50025 is the boundary adjoining 175 Rosebank Road.

**E03-06 PROPOSED PUBLIC RESERVE,
GREAT NORTH ROAD**

Establishment of a reserve will be a permitted activity provided that -

1. Development shall be classified as recreation reserve under the Reserves Act 1977.
2. Sediment controls shall be carried out as appropriate in accordance with the guidelines "Erosion and Sediment Controls Guidelines for Earthwork", Auckland Regional Council Technical Publication No. 2
3. Development shall comply with all relevant Council Bylaws, the Building Act and Regulations and all necessary consents, permits etc shall be obtained.
4. The term for implementation of this designation shall be within 12 years from the inclusion of the designation in the District Plan in accordance with Section 184 of the Resource Management Act.
5. Unless lapsed prior to 15 June 2010, the expiry date of this designation was extended to 1 November 2015, by S78 of the Local Government (Auckland Transitional Provisions) Act 2010.

E03-07 AVONDALE POLICING CENTRE

Development to be in accordance with the following conditions -

Design of Works and Landscape Protection

1. Any further development or activity not disclosed on the plans and notice of requirement shall require a new notice of requirement or notice of alteration under Section 181 of the Resource Management Act 1991.
2. That the development of the works be generally in accordance with the amended plans submitted numbered Job No 9385 Sheets SK001 to 003 revised 20 July 1994 (Revision C) and elevations numbered Job No 9385 Sheets SK04 and 05 by Dodd Paterson and Bukowski-Rehm Architects Limited and be consistent with the notice of requirements, subject to any modification required to comply with these conditions. Notwithstanding the above, the

introduction of verandahs as per the original elevations would be supported.

3. That the landscape concept plan submitted with the requirement notice and dated 2 March 1994 shall be revised to the satisfaction of the Council, to take into account the amended development plans named in Condition 2 above and any other modification required to comply with these conditions and that the site be landscaped and maintained generally in accordance with the revised plan.
4. That either -
 - (a) The camphor laurel and the puriri tree on the Great North Road frontage be retained and that the following further measures be undertaken for their protection:
 - that all site works be designed and managed to ensure their protection;
 - that trimming of the camphor laurel where it abuts the proposed building is permitted to reduce its extent by 1.5 metres out to the nearest growth point. In the vicinity of the drive the trees may be subject to a crown lift to a minimum height of 3 metres. This would involve removal of secondary lateral branches only. All dead wood and ground level vegetation is to be removed and the root area mulched. Any further trimming to enhance the shape of either tree shall be to the satisfaction of the Council;
 - A 1.8 metre solid protective fence be constructed outside the dripline of the trees to the satisfaction of Council's arborist prior to works commencing in their vicinity;
 - The fence on the Great North Road frontage shall be designed and constructed to minimise damage to the tree roots, to the satisfaction of Council's arborist;
 - Any paving of the area beneath the dripline of these trees shall be constructed of a porous surface laid above existing ground level to avoid excavation and damage to the tree roots, to the satisfaction of Council's arborist;
 - The paved area shall be limited to that shown on the plans and the southern entrance shall not exceed 5 metres in width;
 - Regular monitoring by a qualified arborist contracted by the requiring authority throughout the works.

Or

- (b) In substitution for these trees a revised landscaping plan prepared in consultation with the



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nearby Walsall Street residents be submitted which shall be to the satisfaction of the Council.

5. Parallel to the eastern boundary and for its full length as far as the transport garage a solid 1.8 metre high screen wall shall be provided, and the boundary planting adjacent to it shall not exceed the height of this wall. On the southern boundary a 1.8 metre high timber or timber and masonry screen fence shall be provided.
6. That any street trees removed shall be replaced with titioki trees of approximately 2.5 metres height (PB150).
7. That at least 41 parking spaces designed to comply with the Transitional District Plan (Former Auckland District) parking requirements be provided on site including two within the garage building in the southeast corner of the site and that all parking and manoeuvring areas, drives and aisles be formed, provided with an all weather surface, drained marked and maintained at all times to the satisfaction of the Council.
8. That the on-street parking situation in Walsall Street be monitored on behalf of Council at regular intervals during the period of six months and twelve months after the use commences. If it is found that vehicles are being regularly parked in that street in connection with the Policing Centre function then within six months of a formal request from Council that up to seven additional off-street parking spaces be provided, the Minister will ensure that binding arrangements are made for such additional parking spaces in the vicinity, for use in connection with the site to the satisfaction of the Council, and the Minister will ensure that the Centre staff are required to use these for parking.

Consents Prior to Works

9. That prior to any works being commenced the following consents shall be obtained:
 - any necessary soil conservation or earthworks consents; and
 - any necessary discharge permits; and
 - that public consultation regarding a satisfactory threshold treatment in Walsall Street and no-stopping restrictions as itemised below be carried out and Community Board approval be obtained to these matters prior to the commencement of any works authorised by this designation;
 - Any consents required under the Building Act.

Mitigation of Effects

10. That the first vehicle crossing in Walsall Street be located at least 8.5 metres from the corner and be

marked to indicate that no entry is permitted from Walsall Street.

11. That all power and telephone lines to the development be underground.
12. That transport garage shall provide for a minimum of two parking spaces and its use shall be limited to storage of equipment and vehicles.
13. That the Minister of Police undertake to pay the full costs of any works required to achieve satisfactory threshold controls in Walsall Street and any no-stopping restrictions agreed to by the Council in Condition 2 of this consent.
14. That noise including that generated by any building services shall under normal circumstances comply with the following levels -

The L10 noise level and maximum level arising from any activity measured at or within the boundary of any residential property shall not exceed the following limits:

Times	dBA Level
Monday to Sunday 7.00am - 10.00pm	L10: 50dBA
Sunday and Public Holidays 9.00am - 6.00pm	L10: 50dBA
At all other times	L10: 40 dBA

15. That under normal circumstances access to and from the site between the hours of 10pm and 6am shall be from Great North Road only.
 16. That any lighting shall be designed to prevent excessive light falling on surrounding residential land and to minimise reflected light from such fittings.
 17. That the activity comply with Rule [4A.1E MAINTENANCE AND CONDITION OF LAND AND BUILDINGS](#) of the Proposed District Plan as at 1 August 1994 which deals with the maintenance and condition of land and buildings including washdown areas.
- Term of Designation
18. That the term of this designation, unless given effect to, shall be two years from the inclusion of the designation in the District Plan.
 19. Unless lapsed prior to 15 June 2010, the expiry date of this designation was extended to 1 November 2015, by S78 of the Local Government (Auckland Transitional Provisions) Act 2010.



20. That any administrative charges incurred by the Council associated with the carrying out of its functions in relation to this designation shall be recoverable from the requiring authority.

Advice Note:

1. In order to fulfil the above conditions it will be necessary for Council to be consulted over the final form of the plans.

**E03-15 WASTEWATER PURPOSES,
COMBINED SEWER OVERFLOW
(CSO) COLLECTOR SEWERS,
SEASIDE RESERVE**

General Conditions

1. Except as modified by the conditions below and subject to final design, the works shall be undertaken in general accordance with the information provided by the Requiring Authority in the Notice of Requirement dated August 2012 and supporting documents being:

- (a) Assessment of Effects on the Environment Part A titled *"Combined Sewer Overflow Collector Sewers – Resource Consent Applications and Assessment of Effects on the Environment"* prepared by Watercare / Central Interceptor Team, dated 10 August 2012, reference 60102004.
- (b) Assessment of Effects on the Environment Part B – Drawing Set, prepared by Watercare / Central Interceptor Team dated August 2012 (all drawings dated 26 July 2012), except as amended by the plans submitted by Watercare to Auckland Council on 24 May 2013 as listed in (f) below.
- (c) Assessment of Effects on the Environment Part C: Technical Reports (TR) as listed below:
 - TR A: Traffic Impact Assessment, prepared by Traffic Design Group, dated 7 August 2012;
 - TR B: Noise Impact Assessment, prepared by Marshall Day Acoustics, dated 23 July 2012;
 - TR C: Vibration Assessment, prepared by Tonkin & Taylor Limited, dated July 2012, reference 27993;
 - TR D: Ground Contamination Assessment, prepared by Tonkin & Taylor Limited, dated July 2012, reference 26145.401;
 - TR E: CSO Settlement Study, prepared by Tonkin & Taylor Limited, dated July 2012, reference 21645.32;

- TR F: Archaeological Assessment, prepared by Clough & Associates Ltd, dated August 2012;
- TR G: Erosion and Sediment Control Plan, prepared by SKM, dated 5 June 2012;
- TR H: Arboricultural Assessment, prepared by Arborlab Consultancy Services Limited, dated 30 July 2012, reference 17967.

- (d) Section 92 Response Report to Auckland Council, dated December 2012.

- (e) Section 92 Response Report to Auckland Council, cover letter dated 1 March 2013 including the following attachment:

- *"Central Interceptor Combined Sewer Overflow Works – Groundwater and surface settlement effects assessment – Technical response to Auckland Council Section 92 queries"*, letter from Tonkin and Taylor Limited, dated 1 March 2013.

- (f) Letter from Watercare to Auckland Council dated 24 May 2013 titled "Combined Sewer Overflow (CSO) Collector Sewers Alteration to Proposed Designation Boundary – Notice of Requirement 5, Seaside Reserve (Proposed Plan Modification 344)".

2. As soon as practicable following completion of commissioning of the Combined Sewer Overflow Collector Sewers Project and associated works ("the Project"), the Requiring Authority shall, in consultation with the Auckland Council ("the Council"):

- (a) review the extent of the area designated for the Project;
- (b) identify any areas of designated land that are no longer necessary for the ongoing operation, maintenance, renewal and protection of the wastewater infrastructure;
- (c) give notice to the Council in accordance with Section 182 of the Resource Management Act 1991 for the removal of those parts of the designation identified in (b) above which are not required for the long term operation and maintenance of the wastewater infrastructure; and
- (d) provide as-built plans to the Council.

3. 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 designation and construction work. The liaison person's name and contact details shall be advised to affected parties by the Requiring Authority. This person must be



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reasonably available for on-going consultation on all matters of concern to affected persons arising from the Project. If a liaison person will not be available for any reason, an alternative contact person shall be nominated to ensure that a Project contact person is available by telephone 24 hours per day seven days per week during the construction phase.

4. The designation shall lapse on the expiry of a period of 15 years after the date it is included in the District Plan in accordance with Section 184(1)(c) of the RMA, unless:

- (a) it is given effect to before the end of that period; or
- (b) the Council determines, on an application made within 3 months before the expiry of that period, that substantial progress or effort has been made towards giving effect to the designation and is continuing to be made, and fixes a longer period for the purposes of this subsection.

Outline Plan of Works

5. Except as provided for in Condition 6, the Requiring Authority shall submit an Outline Plan of Works (OPW) for the Project in accordance with Section 176A of the RMA.
6. An OPW need not be submitted if the Council has waived the requirement for an OPW in accordance with Section 176A(2)(c) of the RMA.
7. The OPW shall include the following Management Plans:
- (a) Construction Management Plan (CMP);
 - (b) Traffic Management Plan (TMP);
 - (c) Communications Plan (CP);
 - (d) Construction Noise and Vibration Management Plan (CNVMP); and
 - (e) Cultural and Archaeological Management Plan (CAMP).

Construction

8. The Requiring Authority shall prepare a Construction Management Plan (CMP) for the proposed works. The purpose of the CMP is to set out the detailed management procedures and construction methods to be undertaken in order to avoid, remedy or mitigate potential adverse effects arising from construction activities. The CMP shall be provided to the Council with the OPW.
9. The CMP required by Condition 8 above shall include specific details relating to the management of all construction activities within the site, including:
- (a) Details of the site or project manager and the construction liaison person identified in Condition

3, including their contact details (phone, postal address, email address);

- (b) An outline construction programme;
- (c) The proposed hours of work;
- (d) Measures to be adopted to maintain the land affected by the works in a tidy condition in terms of disposal / storage of rubbish, storage and unloading of construction materials and similar construction activities;
- (e) Location of site infrastructure including site offices, site amenities, contractors yards site access, equipment unloading and storage areas, contractor car parking, and security;
- (f) Procedures for controlling sediment run-off, dust and the removal of soil, debris, demolition and construction materials (if any) from public roads or places adjacent to the work site;
- (g) Procedures for ensuring that residents, road users and businesses in the immediate vicinity of construction areas are given prior notice of the commencement of construction activities and are informed about the expected duration and effects of the works;
- (h) Means of providing for the health and safety of the general public;
- (i) Procedures for the management of works which directly affect or are located in close proximity to existing network utility services;
- (j) Procedures for responding to complaints about construction activities;
- (k) Procedures for the refuelling of plant and equipment;
- (l) A Construction Noise and Vibration Management Plan (CNVMP) containing measures to address the management of noise and vibration as identified in Conditions 11 - 21;
- (m) Measures for the protection of and management of trees as identified in Condition 31;
- (n) Measures to address Crime Prevention Through Environmental Design issues within and around the construction site;
- (o) Measures for dealing with archaeological remains as identified in Conditions 32 - 34.

10. The CMP shall be implemented and maintained throughout the entire construction period to manage potential adverse effects arising from construction activities to the greatest practicable extent. The CMP or any specific component of the CMP shall be



updated as necessary and provided to the Council in accordance with Condition 8.

Construction Noise and Vibration

11. A Construction Noise and Vibration Management Plan (CNVMP) shall be prepared, either as part of the CMP or as a standalone plan, and shall be prepared by a suitably qualified person. The CNVMP shall be submitted to the Council with the relevant OPW to which it relates.
12. Construction noise shall be measured and assessed in accordance with NZS6803:1999 Acoustics – Construction Noise, and shall comply with the following noise limits, unless varied in accordance with Condition 15:

Time and Day	Noise Limits	
	L_{Aeq} dB	L_{Amax} dB
Monday to Saturday 0730 – 1800	70	85
At All Other Times and Public Holidays	45	75

13. Construction works which exceed a level of L_{Aeq} 45dB at the most exposed receiver(s) are restricted to between 0730 to 1800 on weekdays and Saturdays, with no noisy works permitted on Sundays and Public Holidays. The CNVMP shall define which activities will comply with a limit of L_{Aeq} 45dB and can therefore be undertaken outside of these hours in compliance with Condition 28.
14. The CNVMP shall as a minimum, address the following aspects with regard to construction noise:
- a description of noise sources, including machinery, equipment and construction techniques to be used;
 - predicted construction noise levels;
 - hours of operation, including times and days when noisy construction work and blasting would occur in compliance with Condition 13;
 - physical noise mitigation measures, including limiting the use of tonal reverse alarms during night-time works, maintenance of access roads (to

ensure they are smooth), acoustic screening around the site, plant selection and maintenance procedures, and site layout;

- construction noise criteria for any specific areas and sensitive receivers such as schools, child care centres, medical or aged care facilities;
 - the identification of activities and locations that will require the design of specific noise mitigation measures;
 - the consultation undertaken by the Requiring Authority with affected stakeholders to develop the proposed noise management measures and any feedback received from those stakeholders, along with the noise management measures that will be adopted based on this consultation;
 - methods for monitoring and reporting on construction noise;
 - methods for receiving and responding to complaints about construction noise; and
 - construction operator training procedures.
15. Where a CNVMP predicts that noise levels from a particular activity will or will likely exceed the noise limits set out in Condition 12, or where noise measurements show that compliance is not being achieved, the Requiring Authority shall prepare and submit for the approval of the Council an Activity Specific Noise Management Plan (ASNMP). The ASNMP(s) shall be submitted to the Council for review and approval at least 7 working days prior to the proposed works commencing.

Activities that exceed the limits in Condition 12 may only be undertaken subject to an approved ASNMP between Monday to Friday (inclusive) and not on Saturdays, Sundays or Public Holidays.

Works subject to the ASNMP(s) shall not commence until approval is received from the Council. If monitoring shows that levels specified in an ASNMP are being exceeded, work generating the exceedance shall stop and not recommence until further mitigation is implemented in accordance with an amended ASNMP approved by the Council.

In addition to the requirements of Condition 14, an ASNMP must:

- Describe the activity (including duration), plant and machinery that is expected not to comply with the noise limits in Condition 12;
- Describe the mitigation measures proposed to reduce the noise levels as far as practicable, including any options that have been discounted due to cost or any other reason;



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- (c) Provide predicted noise levels for all receivers where the noise levels will not be compliant with the limits in Condition 12, including the effect of mitigation specified in Condition 14(b) above;
 - (d) Provide a set of noise limits that are Activity – Specific;
 - (e) Describe the noise monitoring that will be undertaken to determine compliance with the Activity – Specific noise limits; and
 - (f) Describe any additional noise mitigation measures that may be implemented to maintain compliance with Activity Specific noise limits.
16. The CNVMP shall also describe measures adopted to meet the requirements of German Standard DIN4150-3:1999 and, as a minimum, address the following aspects with regard to construction vibration:
- (a) vibration sources, including machinery, equipment and construction techniques to be used;
 - (b) preparation of building condition reports on 'at risk' buildings prior to, during and after completion of works, where for the purposes of this condition an 'at risk' building is one at which the levels in the German Standard DIN4150-3:1999 are likely to be approached or exceeded.
 - (c) use of building condition surveys to determine the sensitivity of the building(s) on the adjacent sites to ground movement in terms of the Line 1-3 criteria of the DIN standard;
 - (d) provision for the determination of buildings that require post-condition surveys to be undertaken following commencement of blasting or piling;
 - (e) identification of any particularly sensitive activities in the vicinity of the proposed works (e.g. commercial activity using sensitive equipment such as radiography or mass-spectrometry), along with details of consultation undertaken with the landowners of the sites where the sensitive activities are located and any management measures that will be adopted based on this consultation;
 - (f) the consultation undertaken by the Requiring Authority with affected stakeholders to develop the proposed vibration management measures and any feedback received from those stakeholders, along with the vibration management measures that will be adopted based on this consultation;
 - (g) methods for monitoring and reporting on construction vibration, including specification of continuous monitoring for receivers and activities where the levels in the German Standard DIN4150-3:1999 are likely to be approached or exceeded or described as subject to moderate or greater risk in Table 9.1 of the report entitled *Central Interceptor Project – Vibration Assessment for Combined Sewer Overflows* Tonkin & Taylor Limited (July 2012); and
 - (h) methods for receiving and responding to complaints about construction vibration.
17. Air overpressure levels from blasting shall comply with the following limits, measured and assessed in accordance with AS2187.2-2006 Explosives – Storage and Use Part 2: Use of Explosives:
- (a) For buildings that are not occupied for any blast event, the air overpressure limit shall be 133 dBZ Lpeak unless agreement is reached in writing with the owner(s) (in conjunction with a building pre-condition survey) that a higher limit may apply; and
 - (b) For buildings that are occupied for any blast event, and where there are less than 20 blast events to be undertaken on the site over the entire project, the air overpressure limit shall be 128 dBZ Lpeak; and
 - (c) For buildings that are occupied for any blast event, and where there are more than 20 blast events to be undertaken on the site over the entire project, the air overpressure limit shall be 120 dBZ Lpeak.
- Note: A blast event may comprise the detonation of one or more charges in a period not exceeding three seconds.*
18. The Guideline vibration limits set out in DIN 4150-3:1999 must be complied with for all blast events and all construction activities at all buildings and infrastructure not owned by the Requiring Authority unless varied in accordance with Condition 19.
19. The Guideline vibration limits set out in DIN4150-3:1999 must not be exceeded except where the Requiring Authority can demonstrate to the satisfaction of the Council:
- (a) that the receiving building(s) are capable of withstanding higher levels of vibration and what the new vibration limit is. The investigation required to demonstrate this must include an assessment of the building(s) by a suitably experienced and qualified structural engineer and a full pre-condition survey; and
 - (b) that the Requiring Authority has obtained the written agreement of the building owner(s), that a higher limit may be applied.
20. Construction works undertaken between the hours of 10pm and 7am shall at times comply with a vibration



velocity limit of 0.3mms-1 when measured at any part of the floor of any bedroom or habitable room of a residential dwelling. Vibration measurements to determine compliance with this limit are only required to be undertaken where a complaint is received by an occupant of any dwelling.

21. The CNVMP shall be implemented and maintained throughout the entire construction period. The CNVMP shall be updated when necessary and any updated CNVMP shall be submitted to the Council in accordance with Condition 8.

Operational Noise

22. The noise arising from any operational activities undertaken on the designated land shall not exceed the applicable noise limits set out in the Auckland Council District Plan (Auckland City Isthmus Section) or any new proposed or operative plan that has effect at the time of the works.

Traffic Management

23. A detailed Traffic Management Plan (TMP) shall be prepared for the Project, by a suitably qualified person.
24. The TMP shall describe the measures that will be taken to avoid, remedy or mitigate the traffic effects associated with construction of the Project. In particular, the TMP shall describe:
 - (a) Traffic management measures to maintain traffic capacity or minimise the impact on traffic capacity during weekdays and weekends;
 - (b) Methods to manage the effects of the delivery of construction material, plant and machinery;
 - (c) Measures to maintain existing vehicle access to property where practicable, or to provide alternative access arrangements;
 - (d) Measures to maintain pedestrian and cyclist movements and reduce the impact on mobility impaired users on roads and footpaths adjacent to the construction works. Such access shall be safe, clearly identifiable and seek to minimise significant detours;

and, where relevant:

- (e) Any road closures that will be required and the nature and duration of any traffic management measures that will result, including any temporary restrictions, detours or diversions for general traffic and buses;
- (f) Measures to manage any potential effects on children at / around education facilities;
- (g) Measures to manage any potential construction traffic related effects on pedestrians and/or traffic

associated with large-scale events in parks and reserves;

- (h) Any proposed monitoring to measure the impact of the works on traffic and the impact of the traffic management measures. If safety or operational issues are evident, measures to be implemented to address these issues;
- (i) Measures to manage the proposed access to the site should access be unable to cater for two way traffic passing at the same time, and in particular to minimise reverse movements and blocking of the road; and
- (j) The availability of on-street and off-street parking if the designated site is unable to accommodate all contractor parking. This will include an assessment of available parking (if any) for contractors on street and identify measures to meet and/or reduce contractor parking demand should it be found that there is insufficient on-street parking to meet this demand.

25. The TMP shall be consistent with the New Zealand Transport Agency *Code of Practice for Temporary Traffic Management* that applies at the time of construction.

26. Any damage in the road corridor directly caused by heavy vehicles entering or exiting the construction site shall be repaired as soon as practicable or within a timeframe agreed with Auckland Transport.

Pedestrian Management

27. Where construction works impact on existing pedestrian or cycle ways, alternative access shall be provided. Any temporary accessways shall be designed as far as practicable in accordance with Crime Prevention Through Environmental Design principles and provide appropriate lighting and signage where necessary.

Construction Hours

28. Construction hours shall be as follows, except where work is necessary outside the specified days or hours for the purposes specified in Condition 29 below.
 - (a) Microtunnelling and trenching activities – this work shall generally occur during normal working hours, 7 am to 6 pm, Monday to Friday and 8 am to 6 pm Saturday, except that, the Requiring Authority may undertake microtunnelling works 24 hours a day 7 days a week (or alternative extended hours) to meet construction demands, provided that construction work can be managed to meet construction traffic, noise and vibration conditions of this designation.



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- (b) General site activities – 7 am to 6 pm, Monday to Friday, 8 am to 6 pm Saturday.
- (c) Truck movements – 7 am to 6 pm, Monday to Friday, 8 am to 6 pm Saturday.

29. Purposes for which work may occur outside of the specified days or hours are:

- (a) where, due to unforeseen circumstances, it is necessary to complete an activity that has commenced;
- (b) where work is specifically required to be planned to be carried out at certain times e.g. to tie into the existing network during periods of low flow.
- (c) for delivery of large equipment or special deliveries required outside of normal hours due to traffic management requirements;
- (d) in cases of emergency;
- (e) for securing of the site or removing a traffic hazard; and/or
- (f) for any other reason specified in the CMP or TMP.

Where any work is undertaken pursuant to paragraphs (a) – (f), the Consent Holder shall, within five working days of the commencement of such work, provide a report to Council detailing how the work was authorised under those paragraphs.

Community Information and Liaison

30. The Requiring Authority shall prepare a Communications Plan (CP) for the construction phase of the Project, and submit the plan in accordance with Condition 8, setting out:

- (a) the method(s) of consultation and liaison with key stakeholders and the owners/occupiers of neighbouring properties regarding the likely timing, duration and effects of works.
- (b) details of prior consultation or community liaison undertaken with the parties referred to in (a) above, including outlining any measures developed with such persons or groups to manage or to mitigate any adverse effects or inconvenience that may arise; and
- (c) full contact details for the person appointed to manage the public information system and be the point of contact for related enquiries.

Tree Management

31. The Requiring Authority shall provide details in the CMP as to how the potential impacts of construction on trees and vegetation will be managed. The following matters shall be included:

- (a) Identification of trees to be protected, pruned, removed, or transplanted and procedures for marking these out on site.
- (b) Procedures for identifying and protecting significant trees to be retained where works occur in the dripline of such trees as identified by a suitably qualified person.

Archaeology and Heritage

32. A Cultural and Archaeological Management Plan ("CAMP") shall be prepared for the Project in consultation with tangata whenua (as listed in the report referenced in Condition 1(a)) and Auckland Council. The purpose of the CAMP is to identify areas of potential cultural and archaeological significance and to establish methods, such as further archaeological investigation prior to works or monitoring by tangata whenua during works, at sites having potential archaeological and cultural significance. The CAMP shall also include the Accidental Discovery Protocol required by Condition 33.

33. Detailed protocols for the management of archaeological and waahi tapu discoveries shall be developed by the Requiring Authority in consultation with tangata whenua, the New Zealand Historic Places Trust, and Auckland Council prior to construction. These detailed protocols shall confirm the names and contact details for tangata whenua, the New Zealand Historic Places Trust and the Council to be contacted in accordance with Condition 34.

34. If any archaeological sites, including human remains are exposed during site works then the following procedures shall apply:

- (a) immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease;
- (b) the Requiring Authority shall immediately secure the area so that any artefacts or remains are untouched; and
- (c) the Requiring Authority shall notify tangata whenua, the New Zealand Historic Places Trust and the Council (and in the case of human remains, the New Zealand Police) as soon as practicable and advise those parties that an archaeological site has been exposed so that appropriate action can be taken. Works shall not recommence in the immediate vicinity of the archaeological site until approval is obtained from the New Zealand Historic Places Trust.

Site Reinstatement



35. Prior to commencement of works on the designated land, the Requiring Authority shall prepare a Reinstatement Plan for the site, in consultation with the landowner. The plan shall include:

- (a) any existing structures or features on the site to be protected during works or reinstated on completion of works;
- (b) the location and design of permanent wastewater infrastructure to remain at the site including the design of lid structures and chamber covers;
- (c) the location and design of permanent access to the wastewater infrastructure. As far as practicable, permanent all-weather access for heavy vehicles shall minimise areas of new impermeable surfaces. In open space areas, the use of grass cell, or similar, shall be preferred;
- (d) details of proposed landscaping and planting, including implementation and maintenance programmes;
- (e) details of the restoration of park infrastructure to at least the same standards and specifications as existing at the time of the works; and
- (f) reinstatement of all pedestrian linkages and walkways affected by construction.

36. The Reinstatement Plan shall be designed to integrate as far as practicable with relevant park development and management plans of the Council, the Auckland Design Manual - Parkland Design Guidelines (Draft 2013) or final approved or updated version of these guidelines, and designed in accordance with Crime Prevention Through Environmental Design principles.

37. When contractors' yards or other temporary works areas are no longer required for any construction or operational purpose, site works, including site offices, storage and equipment sheds, fencing and hard stand areas shall be removed and the area reinstated in accordance with Conditions 35 and 36.

**E04-06 BUILDING LINE FOR ROAD
WIDENING, WOODWARD STREET**

1. The term for implementation of this designation shall be within 12 years from the inclusion of the designation in the District Plan in accordance with Section 184 of the Resource Management Act.
2. Unless lapsed prior to 15 June 2010, the expiry date of this designation was extended to 1 November 2015, by S78 of the Local Government (Auckland Transitional Provisions) Act 2010.

3. Council, when designing the works will have regard to any scheduled or protected item directly affected by the works.

**E04-08 PROPOSED RESERVE AND
ACCESSWAY, 1628 GREAT NORTH
ROAD / OAKLEY CREEK**

1. The term for implementation of this designation shall be within 5 years from the inclusion of the designation in the District Plan in accordance with Section 184 of the Resource Management Act.
2. Unless lapsed prior to 15 June 2010, the expiry date of this designation was extended to 1 November 2015, by S78 of the Local Government (Auckland Transitional Provisions) Act 2010.

**E04-09 PROPOSED PUBLIC RESERVE,
TRENT STREET**

Establishment of reserve will be a permitted activity provided that -

1. Development shall be in accordance with the development controls for the Open Space 2 zone.
2. Landscaping shall be provided and maintained in such a manner as to create and preserve a good standard of amenity.
3. The term for implementation of this designation shall be within 12 years from the inclusion of the designation in the District Plan in accordance with Section 184 of the Resource Management Act.
4. Unless lapsed prior to 15 June 2010, the expiry date of this designation was extended to 1 November 2015, by S78 of the Local Government (Auckland Transitional Provisions) Act 2010.

**E04-11 CONCEPT PLAN - HEBRON
CHRISTIAN COLLEGE**

DOMINANT ACTIVITY: EDUCATION

PERMITTED ACTIVITIES

- Carparking areas
- Educational facilities for 220 school pupils and 30 tertiary students
- Recreational activities and facilities
- Residential accommodation for staff.
- Residential accommodation for up to 30 tertiary students.



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- Community use of school facilities

CONTROLLED ACTIVITIES

- Alterations to existing buildings not including additions to such buildings.

DISCRETIONARY ACTIVITIES

- New buildings or additions to existing buildings

DEVELOPMENT CONTROLS

All development is subject to the development controls contained in Clause [10.8.1 ALL SITES SUBJECT TO CONCEPT PLANS IN THE SPECIAL PURPOSE 1 AND 2 ZONES](#) of the Plan, except where otherwise specified below.

1. Building Platform

Building development is limited to the building platform illustrated on the Concept Plan.

2. Landscaping

Except for points of access to the site, the street frontages shall be planted, landscaped and maintained in such a manner as to create and preserve a good standard of amenity.

3. Screening and Fencing

The rear boundary of the site abutting land zoned residential shall be fenced or screened to the satisfaction of the Council, provided that with the written consent of adjoining neighbours the required fencing and/or screening may be dispensed with.

4. Noise

Noise levels from machinery on the site shall not exceed 45dBA at the site boundaries at all times.

For all other noise the provisions of Clause [10.8.1.4 NOISE](#) shall apply.

5. Parking

A minimum of 41 carparking spaces shall be maintained to the satisfaction of the Council.

6. Access

Any alteration to existing points of pedestrian and vehicular access to the site shall be subject to a non-notified application.

7. Tree Protection

Trees on the site are protected in accordance with provisions of Clause [5C.7.3.3C GENERAL TREE PROTECTION](#).

Scheduled trees are protected in accordance with provisions of Clause [5C.7.3.3A SCHEDULED TREES](#).

8. Scheduled Buildings and Geological Features

The Lava Cave is protected in accordance with Clause [5C.7.4.3 RULES : ARCHAEOLOGICAL FEATURES](#).

Caughey House is protected in accordance with Clause [5C.7.1.3 RULES : BUILDINGS, OBJECT, HERITAGE PROPERTIES OR PLACES OF SPECIAL VALUE](#).

Explanation

The dominant activity provided for on the site is education. While the school is for day pupils, there is residential accommodation provided for 30 tertiary students. Included in the grounds of the site are a number of features that have been scheduled for protection. These include Caughey House, the Lava Cave, 2 Washington palms, 2 magnolias, 1 puriri and 1 pohutukawa.

The provisions for the site are designed to address particularly the following concerns:

- 1. The size of the school roll. The site is intensely used and any increase in numbers may have an adverse impact on the local environment. It is therefore appropriate that the number of school pupils and tertiary students be restricted to those set by the Planning Tribunal Decision in 1984.*
- 2. The effect of vehicle parking and movement on McLean Street and Allendale Road, particularly congestion, has been of concern to local residents. The Plan seeks to ensure that effects are contained as far as practicable within the school boundaries.*

Criteria for Assessing Controlled Activities

Applications for controlled activity consent will be assessed against the objectives and policies of the zone, and the following -

1. The impact of buildings on the visual amenity of surrounding residential areas will be taken into account in considering any alterations or additional building.

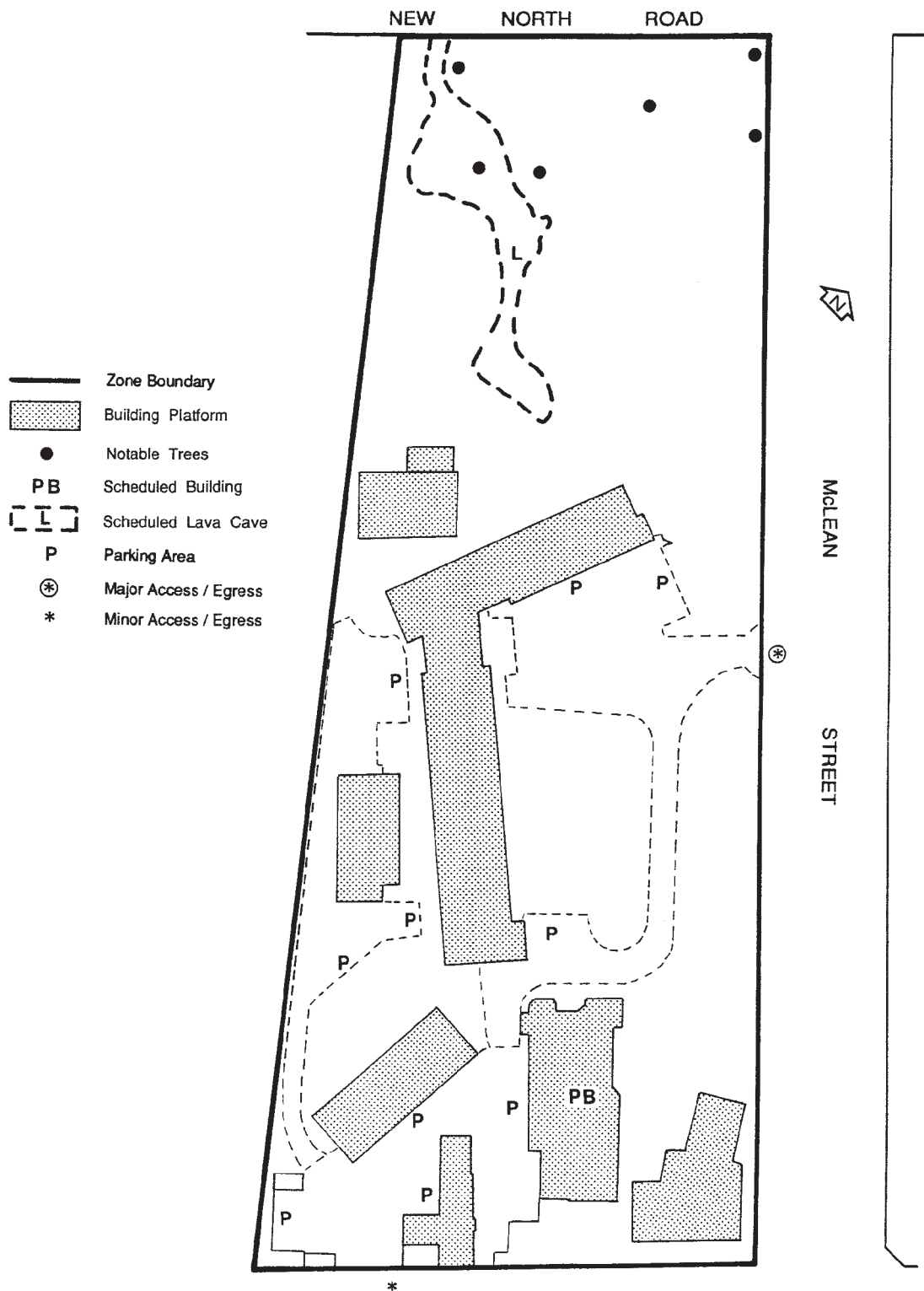
Criteria for Assessing Discretionary Activities

In addition to the matters set out in Clause [10.7.2.3 DISCRETIONARY ACTIVITIES](#) the following matters are of concern -

1. The Council is concerned to see the protected features located on the site retained in a setting that is sympathetic to their presence. Extensions to existing buildings or new buildings must ensure that the design of the building is appropriate to the character of the site, the protected features and the adjacent residential area.



E04-11 Concept Plan - Special Purpose 2 Zone - Hebron Christian College



**E04-13 WESTERN RING ROUTE -
WATERVIEW CONNECTION,
TUNNELS, ALAN WOOD RESERVE
TO GREAT NORTH ROAD**

For a complete set of conditions, refer to the Waterview Connection Proposal Board of Inquiry decision titled "Final Report and Decision of the Board of Inquiry into the New Zealand Transport Agency Waterview Connection Proposal - Volume 2" dated June 2011.

General Designation Conditions

DC.1, DC.1A, DC.2, DC.3, DC.4, DC.5, DC.6, DC.10, DC.12, DC.13, DC.14 – Refer to A07-01D

Construction Environmental Management Plan Conditions

CEMP.1, CEMP.2, CEMP.3, CEMP.4, CEMP.5, CEMP.6, CEMP.7, CEMP.8, CEMP.9, CEMP.10, CEMP.11, CEMP.12, CEMP.13, CEMP.14, CEMP.15 – Refer to A07-01D

Public Information Conditions

PI.1, PI.2, PI.3, PI.4, PI.5, PI.6 – Refer to A07-01D

Operational Traffic

OT.2

The NZTA shall prepare a Tunnel Traffic Operation Plan in consultation with the Auckland Transport and Auckland Council. The Plan shall include, but not be limited to:

- (a) Procedures for tunnel operational safety, including fire-life safety;
- (b) Procedures for maintenance requirements.
- (c) Procedures for managing traffic to avoid or minimise potential congestion within the tunnel, particularly during peak periods.
- (d) Procedures for the management of traffic during incidents.
- (e) Procedures for the operation of tunnel fans and the management of portal emissions.
- (f) Confirmation that all equipment has been tested and operates in accordance with requirements and specifications.

The Tunnel Traffic Operation Plan shall be completed and provided to Auckland Transport and to the Major Infrastructure Team Manager, Auckland Council (in respect of Condition OT.2(e)), prior to operational use of the tunnelled section of SH20.

Advice note: The operation and maintenance of the air quality monitoring equipment inside the tunnel shall follow manufacturer's recommendations.

Noise and Vibration Conditions - Construction

CNV.1, CNV.2 – Refer to A07-01D

CNV.3

Project Construction Noise Criteria: Airblast (excluding Sundays)

Category	Type of Blasting Operations	Peak Sound Pressure Level (LZ _{peak} dB)
Human Comfort Limits		
Sensitive Site	Operations lasting longer than 12 months or more than 20 Blasts	115 dB for 95% blasts per year. 120 dB maximum unless agreement is reached with occupier that a higher limit may apply
Sensitive Site	Operations lasting less than 12 months or less than 20 Blasts	120 dB for 95% blasts per year. 125 dB maximum unless agreement is reached with occupier that a higher limit may apply
Occupied non-sensitive sites such as factories and commercial premises	All blasting	125 dB maximum unless agreement is reached with the occupier that a higher limit may apply. For sites containing equipment sensitive to vibration, the vibration should be kept below manufacturer's specifications of levels that can be shown to adversely affect the equipment operation



Damage Control Limits		
Structures that include masonry, plaster and plaster-board in their construction and also unoccupied structures of reinforced concrete or steel construction	All Blasting	133 dB unless agreement is reached with owner that a higher limit may apply.
Service structures such as pipelines, powerlines and cables located above ground	All Blasting	Limit to be determined by structural design methodology



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CNV.4, CNV.5 – Refer to A07-01D

CNV.6

Blasting shall be undertaken between 09:00h and 17:00h, Monday to Saturday, except that blasting may be undertaken between 09:00h and 17:00h on Sundays where:

- (a) The blasting is at least 50m inside the Sector 8 tunnel;
- (b) The blasting produces peak particle velocities at any residential building not exceeding 0.5mm/s; and
- (c) The Project construction noise criteria set out in Condition CNV.2 for Sundays are complied with

CNV.10

If noise and vibration monitoring of the tunnelling works for the Project (in accordance with Condition CNV.1), indicates that the noise or vibration criteria of Conditions CNV.2(c) or CNV.4 will potentially be exceeded and that temporary relocation will be offered for residents at 1510 Great North Road, then relocation (and temporary transportation) shall be arranged with the leaseholder at 1510 Great North Road for tenants (with at least 1 months' notice to the leaseholder prior to relocation). Any accepted offer of relocation is to be in place prior to tunnelling works within 50m of the building at 1510 Great North Road.

CNV.11

For all other properties, if noise and vibration monitoring of the tunnelling works for the Project (in accordance with Condition CNV.1), indicates that the noise or vibration criteria of Conditions CNV.2 or CNV.4 will potentially be exceeded, then the process set out in the CNVMP will be undertaken including Site Specific Noise Management Plans. Where relocation for residents is proposed, notification of such relocation with residents and property owners will be undertaken in accordance with the processes contained in the CNVMP.

CNV.12

Any relocation required by CNV.10 will not be undertaken in the period between 10 working days prior to any Unitec examinations and the completion of those examinations.

CNV.13 – Refer to A07-01D

Vibration Conditions - Operation

OV.1 – Refer to A07-01D

Operational Air Quality Conditions

OA.2

Prior to the tunnels becoming operational, the NZTA shall establish two ambient air quality monitoring stations and one portal air quality monitoring station. The location and types of these monitoring stations shall be selected by the NZTA in consultation with the Auckland Council and Peer Review Panel (Condition OA.7),

providing that one ambient monitoring station will be located within the Waterview Primary School (subject to agreement by the School).

Ambient air quality shall be monitored continuously in real time, to monitor potential effects associated with the operation of the ventilation system from the tunnels. Ambient monitoring shall include fine particulates (PM10 and PM2.5) and nitrogen dioxide. Portal monitoring shall include nitrogen dioxide. Results shall be compared with the relevant National Environmental Standards for air quality and Auckland Regional air quality targets (as identified in Chapter 4 of the Auckland Regional Plan: Air, Land and Water, 2010). Monitoring shall be undertaken at each site until the Peer Review Panel recommends that monitoring is no longer necessary. The locations, operation and maintenance schedules of the continuous monitors shall, as far as practicable, comply with the requirements of AS/NZ 3580.1.1: 2007 Method for Sampling and Analysis of Ambient Air – Guide to Siting Air Monitoring Equipment, and with methods specified in the National Environment Standards.

Social Conditions

SO.6 – Refer to A07-01D

Ground Settlement Conditions

S.1

The NZTA shall finalise, and implement through the CEMP, the Settlement Effects Management Plan (SEMP) lodged with the application prior to construction activities being undertaken. Prior to construction (following detailed investigation and design), the total estimated settlements and building damage categories shall be confirmed using the methodology in Technical Report G.13 *Assessment of Ground Settlement Effects* and the SEMP shall be updated accordingly.

In the event that settlement predictions are greater (than those allowed for in Figure E.14 (refer Schedule A, Row 26)) or building damage categories increase in ranking or buildings affected from those identified in Figures G1-G4 (refer Schedule A, Row 27), mitigation measures shall be introduced as part of the detailed design and construction process to avoid any adverse effects greater than predicted by the application lodged in August 2010.

Settlement Monitoring

S.2

The NZTA shall establish a series of ground settlement monitoring markers to monitor potential settlement in relation to the construction of the tunnels. The survey markers will be located generally as follows:

- (a) Along the tunnel alignment and extending out to a maximum of 400m either side of the tunnels to



correlate with cross sections that have been used for the settlement estimates and to infill between them.

- (b) To cover the more extensive eastern zone area of settlement at Chainage 3400 (Figure E.14 refer Schedule A, Row 26).
- (c) On or around buildings or features considered to be particularly sensitive as defined in the SEMP (including those buildings identified in Condition S.7) and as may be updated to reflect detailed analysis and interpretation of monitoring results as the Project proceeds.

Two types of markers shall be established: Framework Markers which shall form the main basis of monitoring, and Intermediate Markers which shall provide additional monitoring information for interpretation of Alerts and Alarms. The locations of each type of settlement monitoring marker shall be confirmed in the SEMP. Each Framework Marker shall have an alert and alarm level set in relation to Figure E.14, where alert = 75% of the theoretical value and alarm = 100% of the theoretical value with due consideration of the seasonal range of ground movement identified by pre-construction monitoring.

S.3

The NZTA shall survey the settlement monitoring markers at the following frequency:

- (a) Pre-construction
 - i) All Framework Markers – Vertical and selected horizontal at 3 monthly intervals, starting at least 12 months prior to construction commencing; and
 - ii) All Intermediate Markers - Vertical and selected horizontal once.
- (b) During Construction
 - i) All Framework Markers - Vertical on a monthly basis; and
 - ii) Selected Framework Markers only - Horizontal on a monthly basis.
- (c) During Active Construction
 - i) All Framework and Intermediate Markers – Vertical on a weekly basis; and
 - ii) Selected Framework Markers only - Horizontal on a monthly basis.

“Active construction” shall be defined as:

- (a) Starting when the advancing tunnel face comes within 150m and ending when the final tunnel lining has been installed 150m beyond the section; and
- (b) When excavation in front of a retaining wall comes within 100m of a section and ending when the

permanent wall supports are in place beyond a distance of 100m.

S.4

Within three days of each monitoring round, the NZTA shall use the settlement monitoring results (together with the results of groundwater monitoring where they may provide an earlier indication of future settlements) to reassess the ground settlements and building damage categories and compare them to those estimated in Figures E.14 and G1-G4 (refer Schedule A, Row 26 and 27).

If alert and alarm levels are exceeded, the trigger marker shall be resurveyed within 24 hours.

If the reassessment indicates that a building has increased its damage category from that in Figures G1 – G4 (refer Schedule A, Row 27) then this shall be considered to be an Alert Level and additional specific assessment of the building shall be carried out by the NZTA to confirm this reassessment within 72 hours.

If the additional assessment confirms the increase in damage category, this shall be considered to be an Alarm Level and the property owner and occupier will be notified within 48 hours. Following consultation with the property owner and occupier(s); subsequent actions may include increased frequency and/or extent of monitoring, modification to the construction approach or mitigation works to the affected building.

S.5

Settlement monitoring shall be undertaken for a period of 2 years following completion of the tunnels. The NZTA may reduce the frequency of settlement monitoring, required by Condition S.3, to 6-monthly:

- (a) Once the active construction stage has passed; and
- (b) Monthly monitoring has been undertaken for a minimum of 6 months; and
- (c) The monitoring indicates that any potential settlement effects are within a satisfactory range as specified in the SEMP; and
- (d) The criteria in (a) to (c) above has been certified by the Auckland Council.

S.6

The NZTA shall collate the results of the settlement monitoring (undertaken pursuant to Conditions S.2 – S.5) and prepare a report that shall be made available to the Auckland Council. A settlement monitoring report shall be prepared prior to the commencement of construction, and then at monthly intervals throughout the construction period. Following the completion of construction, a settlement monitoring report shall be prepared following each round of settlement monitoring undertaken (i.e. monthly and then 6-monthly when monitoring is reduced pursuant to Condition S.5).



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The settlement reports shall highlight any alert or alarm level exceedences and provide a full interpretation and/or explanation as to why these levels are exceeded, the likely effects and detail any remedial or mitigation measures initiated as a result of these trigger exceedences.

Building Condition Surveys

S.7

The NZTA shall review and update the schedule of buildings and structures considered to be at risk in accordance with the criteria of the SEMP and maintain this for review by the Auckland Council. This shall include, but not be limited to, the following properties identified in the Technical Report G.13 *Assessment of Ground Settlement Effects* provided in support of this application:

- (a) Buildings on properties within the substrata designation;
- (b) Buildings where total estimated settlement is greater than 50mm (defined in Figure E.14 – Refer Schedule A, Row 26);
- (c) Buildings in areas estimated to have a risk of damage more than negligible (defined in Figures G1-G4 as categories 1-5 (Refer Schedule A, Row 27));
- (d) Unitec Buildings 76, and 310-313 (as per Unitec Site Plan in Schedule A, Row 31);
- (e) 1510 Great North Road, Unitec Residential Flats (two buildings);
- (f) Pak’n Save Supermarket;
- (g) Metro Football Clubhouse, Phyllis Street;
- (h) Building at 1550 Great North Road;
- (i) BP Service station at 1380 Great North Road;
- (j) Modern Chairs Building (Richardson Road);
- (k) Waterview Primary School;
- (l) Operational septic tanks where total estimated settlement is greater than 50mm; and
- (m) Buildings on the western side of the alignment between Chainage 3000 and 3400 where total estimated settlement is greater than 20mm.

S.8

The NZTA shall consult with owners of buildings and structures identified in Condition S.7 and, subject to the owner’s approval of terms acceptable to the NZTA, shall undertake a preconstruction condition assessment of these structures in accordance with the SEMP.

S.9

The NZTA shall employ a suitably qualified person (e.g. a Chartered Professional Engineer) to undertake the

building assessments required pursuant to Conditions S.8 and S.12 and identify this person in the SEMP.

S.10

The NZTA shall undertake monthly visual inspections of the following buildings during the “active construction” phase of the Project as defined in Condition S.3:

- (a) All Type 1 Dwellings within a zone where “more than negligible” effects have been predicted;
- (b) All Type 2 Dwellings within a zone where “slight” effects or greater have been predicted
- (c) Unitec Building 76;
- (d) 1510 Great North Road, Unitec Residential Flats (two buildings);
- (e) Pak’n Save supermarket; and
- (f) Waterview Primary School (pool and hall).

Note: Type 1 and 2 Dwellings are those as defined in Technical Report G.13 *Assessment of Ground Settlement Effects*.

S.11

The NZTA shall undertake level and/or wall inclination surveys on a monthly basis during the “active construction” phase of the Project on the following buildings:

- (a) All Type 1 Dwellings within a zone where “slight” effects or greater have been predicted;
- (b) Unitec Building 76;
- (c) 1510 Great North Road, Unitec Residential Flats (two buildings);
- (d) Waterview Primary School (pool); and
- (e) Pak ‘n’ Save Supermarket

S.12

The NZTA shall, subject to the owner(s) approval, ensure that within 6 months of completion of construction activities, a post-construction condition assessment covering the matters identified in the SEMP is undertaken and shall be provided to the owner(s). The assessment report shall include a determination of the cause of damage identified (if any) since the preconstruction condition assessments. The NZTA shall agree with the owner(s) appropriate remedial works (if any) in conjunction with arrangements for implementation and/or compensation. The requirements of this condition need not be fulfilled for any particular building with the written approval of the current owner of a building or where the NZTA can provide reasonable evidence to the Auckland Council that the current owner of that building has agreed they do not require such a survey.



S.13

The NZTA shall ensure that a copy of the pre, post-construction and any additional building condition assessment reports for each building be forwarded to the respective property owner(s) within 15 working days of completing the reports. The NZTA shall notify the Auckland Council that the assessments have been completed. The community liaison person appointed pursuant to Condition PI.1 shall be the contact person for owner(s) subject to assessment and reporting under Conditions S.1 to S.11 and S.16 and remedial works or compensation payments under Condition S.12 and S.16.

Retaining Wall Monitoring**S.14**

The NZTA shall establish inclinometer and surface monitoring of the retaining walls for the tunnel portals and cut and cover tunnel to determine any potential effect from the tunnels. The nature and timing of the monitoring shall be determined during detailed design of the retaining walls and specified in the SEMP.

Services Monitoring**S.15**

Prior to construction commencing, the NZTA shall undertake CCTV surveys of services identified in the SEMP as being susceptible to damage or particularly critical. This shall include, but not be limited to:

- (a) Waterview Orakei No. 9 trunk sewer.

The NZTA shall monitor these services by undertaking additional CCTV surveys throughout the construction period. If any damage is determined in relation to the Project, the NZTA shall undertake any remedial action as required in consultation with the service provider.

Slope Stability Assessments**S.16**

Prior to construction commencing, the NZTA shall undertake geotechnical investigations of slopes or sites that have been identified as potentially being susceptible to movement. This shall include, but not be limited to:

- (a) 14H and 14J Cradock Street
- (b) 34 Cradock Street
- (c) 40 Cradock Street
- (d) 56 Powell Street;
- (e) 1590A Great North Road; and
- (f) Other sites on the western slopes of Oakley Creek identified under Condition S.7(b) and S.7(m) which are assessed in the course of a pre-construction condition assessment undertaken in accordance with Condition S.8 as potentially being susceptible to slope movement.

The NZTA shall undertake monitoring throughout the active construction period in accordance with Condition S.10 above and shall assess and agree remedial action as required, in consultation with the owner, in accordance with Condition S.12 above.

Differential Settlement**S.17**

Pairs of settlement markers shall be established on each side of the cross sections identified on Figure E.14 to monitor differential movements. The markers in each pair shall be no more than 20m apart, and each pair shall be within 100m of the centreline of the closest tunnel. Monitoring installed in accordance with Condition S.11 can be utilised for this purpose. Each pair of markers shall have Alert and Alarm values set based on the calculated differential settlements at that location and consistent with the relevant calculated Building Damage Category (Figures G1-G4, (Refer Schedule A Row 27)), Alert and Alarm levels shall be as defined in Condition S.2. Monitoring frequency shall be as defined for Framework Markers in Condition S.3.

Contaminated Land and Contaminated Discharges Conditions

CL.1 – Refer to A07-01D

CL.2

Prior to the main construction works commencing, the baseline quality of soils and groundwater within Sector 5 (the southern bank of Oakley Creek coincident with the location of the former tannery) and Sector 7 (particularly in relation to works in the vicinity of Great North Road) shall be investigated and established. The investigations shall be carried out in accordance with appropriate Ministry for the Environment and Auckland Council guidelines. The findings of the soil and groundwater investigations shall be used to determine the specific constructions methods during work in this area to manage any likely environmental effects in relation to the Project.

CL.3

Prior to the main construction works commencing, soils and fill materials within Alan Wood Reserve (Sector 9) shall be further classified so as to determine the distribution and extent of cleanfill, managed fill and contaminated/hazardous fill materials.

CL.4, CL.5, CL.6, CL.7, CL.8 – Refer to A07-01D

CL.9

During and following the tunnel construction works beneath Sector 8, groundwater quality monitoring shall be carried out at locations within and down hydraulic gradient of Phyllis Street Landfill. Monitoring shall be undertaken on at least a monthly basis, and for a period up to 12 months following completion of the tunnel construction works. The monitoring programme shall be



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submitted for approval by the Auckland Council as landowner.

CL.10

Prior to, during and following tunnel construction works beneath Phyllis Street Landfill, monitoring for landfill gas shall be carried out from existing monitoring boreholes within the landfill. Monitoring shall be undertaken on at least a monthly basis, for a period of no less than 6 months prior to, and up to 12 months following completion of the tunnelling works. The monitoring programme shall be submitted for approval by the Auckland Council as landowner.

CL.11 – Refer to A07-01D

E04-19 WATERVIEW SHARED PATH

General

1. Except as modified by conditions below, the works shall be undertaken in general accordance with the information provided by the Requiring Authority in the Notice of Requirement, dated November 2014 and supporting and supplementary information provided. The information includes:

a) *Waterview Walking and Cycling Facility-Assessment of Environmental Effects to support Notice of Requirement and Resource Consents*, Beca, 15 October 2014.

b) *Waterview Shared Path Land Requirement Plans, Rev E, dated April 2015*.

c) Further information contained within the Notice of Requirement and Resource Consent applications including all technical information, received by the Council on 17 November 2014.

d) Additional landscape assessment supplied via email on 3 December 2014, subject '*WSP- Landscape and Visual Assessment*' and via fileshare on 11 December 2014 subject '*WSP- update to landscape assessment*' (*Appendices Me and Md*), both received from Melissa Spearman, Beca.

e) Additional information supplied via email on 3 March 2015, subject '*Waterview Shared Path-Response to Expert Comments and Feedback.pdf*', received from Melissa Spearman, Beca.

f) Additional information supplied via email on 19 March 2015, subject '*WSP - Response to Council's specialist reports*' received from Melissa Spearman, Beca; and

g) Revised design plans for the Soljak Place Bridge, provided in the Second Statement of Supplementary Evidence of Ms Amelia Joan Linzey, 1 May 2015

h) *Waterview Shared Path - Alteration to Designation & Section 127 Application for the Trent Street Link and Harbutt Reserve Bridge*. Well Connected Alliance. 26 May 2016.

i) Response to the letter titled 'Notice of Requirement to Alter Auckland Transport Designation E04-19 (DP Isthmus PA388); Application to Change Conditions of Resource Consents R/REG/2014/4801 and R/REG/2014/4811 under Section 127 of the RMA- request for further information'. prepared by the Well Connected Alliance. dated 7 July 2016.

j) *Waterview Shared Path: Historic Heritage Management Plan* prepared by Clough and Associates Ltd dated June 2016.

Outline Plan of Works

2. An Outline Plan of Works (OPW) (or staged outline plans) shall be prepared and provided to the Council pursuant to section 176A of the Resource Management Act 1991 (the RMA) with the exception that an OPW is not required for the Trent Street link with the OPW matters having been addressed in the information provided under condition 1h). i) and j). The OPW shall include details on the following:

a) Final Design and Route Details, including design of the Alford Street Bridge, and design and route plans for the Soljak Place Bridge;

b) The Construction Environmental Management Plan (CEMP), including community engagement plans for construction works;

c) The Construction Traffic Management Plan (CTMP);

d) An Ecological Mitigation Plan (EMP) (including pest management plan and revegetation plans) and tree management;

e) Heritage Mitigation; and

f) Lighting Plans

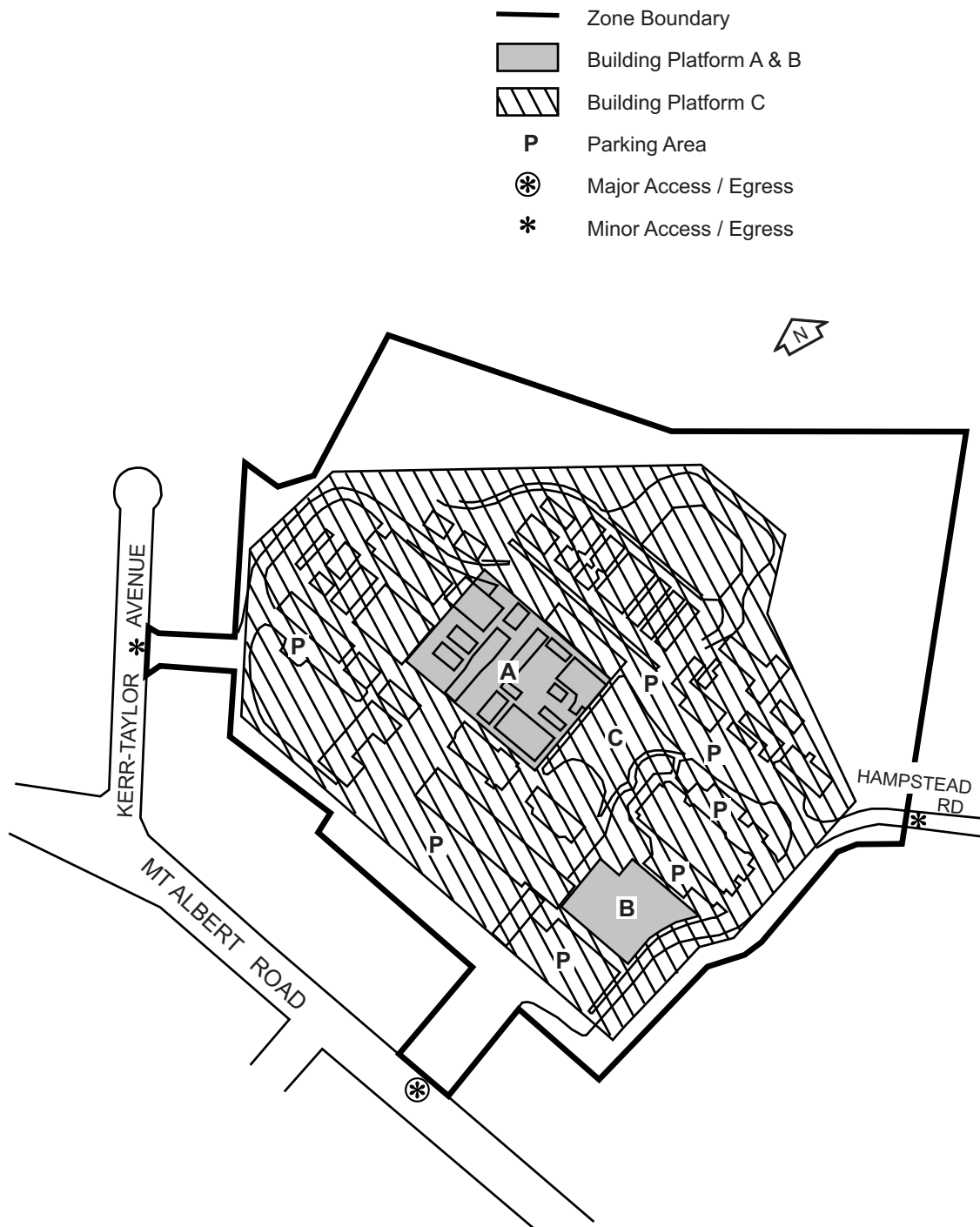
Design/Route Details

Soljak Place Bridge

3. Design/route detail for the Soljak Place Bridge must be prepared as part of the OPW. The purpose of this design/route detail is to demonstrate how the design responds to the visual and shading impacts on the residents of 8 Soljak Place. Subject to the matters below, the design/route detail shall be in general accordance with the Waterview Shared Path Mitigation Options- Soljak Place Bridge, prepared by Boffa Miskell, dated 3 October 2014, Waterview Shared Path- Soljak Place Bridge & Planting Shadow Study, prepared by Boffa



E05-05 Concept Plan - Special Purpose 2 Zone - Mt Albert Research Centre



APPENDIX B (PLANNING MAPS)

Miskell, dated 14 November 2014 except as modified by the Second Statement of Supplementary Evidence of Shannon Bray. The design/route detail shall be prepared subject to the following additional requirements:

- a) The route and design will seek to maximise the mitigation of the Soljak Place Bridge and ramps from the north / northwest boundary of the 45/8 and 46/8 Soljak Place, whilst maintaining compliance with the AUSTROAD regional shared path standards for a cycleway facility, as generally detailed in the revised design plans DG-CK-4017, DG-ST-4210, DG-ST-4025;
- b) Physical screening (of the Soljak Place Bridge) shall be provided to mitigate the visual and privacy effects of the Soljak Place Bridge on 45/8 and 46/8 Soljak Place, whilst minimising adverse effects of shading on these properties where practicable. Subject to the consultation with the residents required by Condition 3(d) below, the design of screening shall be in general accordance with the Waterview Shared Path Mitigation Options- Soljak Place Bridge plans, Figures 1-3. This mitigation shall be in place before the Soljak Place Bridge section (Soljak Place to Harbutt Reserve) is open for public use;
- c) Planting plans shall be provided to mitigate the visual effects of the Soljak Place Bridge on 39-44/8, and 45/8 and 46/8 Soljak Place. Subject to the consultation with these residents, as required by Condition 3(d) below, the plant species and planting design shall be in general accordance with the Waterview Shared Path Mitigation Options- Soljak Place Bridge plans, Figures 1-3;
- d) The requiring authority must consult the owners of the apartments at 39-44/8, and 45/8 and 46/8 Soljak Place and the Body Corporate, in respect of the mitigation options set out in Conditions 3(a), 3(b) and 3(c). The Outline Plan of Works must detail what consultation has been undertaken and clearly identify how any matters raised by the adjoining apartment owners have been taken into consideration in finalising the design of the bridge and associated mitigation; and
- e) Lighting plans for the Soljak Place Bridge shall be designed to achieve no more than 5 lux at the boundary of 8 Soljak Place.

4. In addition to the physical screening of the Soljak Place Bridge, within 3 months of the opening of the Soljak Place Bridge, Auckland Transport shall provide a written offer to the residents of 45/8 and 46/8 Soljak Place for installation of screening (either by installation of physical blinds or by application of window film on the existing north facing windows of these properties). Works will be limited to cosmetic treatment (e.g. film, curtains or blinds

that can be affixed to the existing window/door structures).

- a) If within 3 months of receipt of the written offer following the opening of the Soljak Place Bridge the owners confirm acceptance of this offer, then Auckland Transport will undertake the installation of screening. Any non-response will be deemed a decline of the offer. If this opportunity is accepted by the owners of these residences, the owners will be responsible for arranging appropriate access to the property for undertaking the works.

Alford Street Bridge

5. Design detail for the Alford Street Bridge shall be prepared as part of the OPW required by Condition 2. The purpose of this design detail is to demonstrate:

- a) How potential design opportunities can integrate with the existing Open Space activities (including the Oakley Creek Walkway) and the Wairaka Precinct development concepts; and
- b) How the design of the bridge and landing respond to cultural values and design responses identified by Mana Whenua (Kawerau a Maki Trust, Ngati Whatua Orakei Whai Maia Ltd., Ngai Tai Ki Tamaki, and Te Akitai Waiohioa); and
- c) How potential adverse effects on vegetation can be appropriately minimised, remedied and mitigated

The design detail shall be in general accordance with the Waterview Shared Path Concept Plans, presented in the Notice of Requirement and as revised in evidence (listed in Condition 1) and subject to the following additional requirements:

- d) The design shall minimise construction within the floodplain (defined by the 1% AEP event) whilst minimising disruption to the existing Oakley Creek walkway;
- e) The design shall minimise removal of vegetation from the Oakley Creek/Waterview Glades Reserve;
- f) The requiring authority shall take all practicable steps to:
 - i) integrate with the land development plans of the Wairaka Precinct (recognising both the landholdings of Whai Rawa and Unitec); and to
 - ii) recognise Mana Whenua values as identified in cultural impact assessments or similar; and to
 - iii) consult with the following parties, in respect of the final design of the Alford Street Bridge: Auckland Council (Parks), Auckland Council (Auckland Design Unit), Ngati Whatua Orakei Whai Rawa Limited, Unitec, Friends of Oakley



Creek, Kawerau a Maki Trust, Ngati Whatua Orakei Whai Maia Ltd, Ngai Tai Ki Tamaki, and Te Akitai Waiohoa;

g) The OPW shall detail what consultation has been undertaken and how any matters raised in this consultation has been taken into consideration in finalising the design of the bridge.

6. The final alignment of the Shared Path through Albie Turner Field and Phyllis Reserve will as far as practicable and within the designation, take into account development proposed for the reserve as detailed in any final, adopted Phyllis Reserve Masterplan.

Construction Environmental Management Plan (CEMP)

7. Prior to the commencement of construction and/or earthworks activity, the Outline Plan for that section of works (as required by Condition 2) must include a finalised Construction Environmental Management Plan (CEMP). No construction activity shall commence until the CEMP is confirmed as part of this Outline Plan process.

The final CEMP shall include information contained in the draft *'Waterview Shared Path- Construction Environmental Management Plan Framework'*, prepared by Beca, dated 5 November 2014, including but not limited to:

- a) the management of general construction,
- b) processes to address public safety during construction by excluding the public from the work site during construction,
- c) communications, including processes to advise residents adjoining the construction site of works and Construction Team contact/liaison detail for residents and the community,
- d) erosion and sediment control,
- e) contaminated soils,
- f) construction noise and vibration
- g) trees,
- h) archaeology,
- i) herpetofauna
- j) compliance and monitoring requirements.

8. All construction related activity must be carried out in accordance with the final CEMP required by Condition 7 to the satisfaction of Team Leader, Central Monitoring, Auckland Council.

9. Following completion of construction works in the vicinity of the Mount Albert Playcentre, Auckland

Transport shall (subject to approval from the operators of the Playcentre) provide for a full washdown of the Playcentre building and outdoor facilities on their site.

Construction Traffic Management Plan

10. A Construction Traffic Management Plan (CTMP) including but not limited to the following matters shall be prepared and implemented through the CEMP. The CTMP shall be provided to the relevant road controlling authority at least 10 working days prior to construction activity. 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 the following matters:

- a) Methods to avoid, remedy or mitigate the local and network-wide effects of the construction of individual elements of the project, particularly near Soljak Place and within the Unitec site (e.g. intersections/bridges);
- b) Methods to manage the effects of the delivery of construction material, plant and machinery (including cranes and oversized trucks) during construction;
- c) Measures to maintain existing vehicle access, as far as practicable, or where the existing property access is to be removed or becomes unsafe as a result of the construction works, measures to provide alternative access arrangements in consultation with the affected landowner (including Auckland Council Parks, Unitec and Whai Rawa Ltd);
- d) Measures to maintain pedestrian and cycle access with thoroughfare to be maintained on all roads and footpaths (including within Unitec) adjacent to the construction works, where practicable (e.g. 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; and
- e) Measures to minimise loss of parking through construction (including contractor vehicles).

Ecological Mitigation

11. A Pest Plant Control and Native Re-vegetation Plan (PPC&NRP) must be prepared and submitted as part of the OPW. The purpose of the PPC&NRP is to detail mitigation proposed to address potential ecological impacts of the Waterview Shared Path. The PPC&NRP must provide detail on the following works:



APPENDIX B (PLANNING MAPS)

a) The methodology used to clear pest plants pre construction and during construction;

b) Confirmation of the mitigation planting and pest management proposed by the Waterview Glades landscape mitigation plan (required as part of the Waterview Connection Project) or, if such work is not required for that Project, as an alternative, confirmation of mitigation options for the clearance of the vegetation required for the construction and maintenance of Alford Street Bridge including:

- Pest plant control proposed within the designated area, for up to 3 years following construction
- Ecosourced (where practicable), native revegetation, to replace any native vegetation cleared (including that within the SEA at a ratio of at least 1.5:1.
- Long term planting maintenance.

c) Confirmation of the impacts of the Waterview Shared Path on the remnant copses of Mahoe rock forest in the Phyllis Reserve/ Harbutt Reserve area (including the areas directly adjacent to the rail corridor). If the works impact on any copses of Mahoe, plans must be provided detailing the mitigation works proposed, including but not limited to:

- Methods to minimise impacts on any Mahoe trees;
- Pest plant control proposed within the designated area adjacent to the copse, for up to years following construction;

d) Details on the timing and sequencing of all mitigation works in respect of the overall construction programme.

12. All replacement plantings are to be ecosourced (where practicable) and be appropriate for their vicinity to the Oakley Creek.

13. All pest plant control and native re-vegetation must be carried out in accordance with the final PPC & NRP required by Condition 11 to the satisfaction of Team Leader, Central Monitoring, Auckland Council.

14. A Tree Management Plan (TMP) shall be prepared and be submitted with the OPW required by Condition 2. The purpose of the TMP is to provide detail on the mitigation measures proposed to address adverse effects on specimen and valued trees potentially affected by construction works of the Project. The Plan must provide detail on the following:

- a) The nominated 'Tree Works' Arborist;
- b) Plans detailing trees proposed for removal;
- c) Plans detailing valued trees where works will be required within the dripline;

d) Procedures proposed for the identification of valued trees within the construction area and measures proposed to appropriately protect the dripline of these trees during general construction works (e.g. measures proposed to avoid construction traffic movement or storage within the dripline of the trees and any other measures to protect the ground surface where works are required in the dripline of trees);

e) Procedures to be implemented for specific construction works where the shared path is within the dripline of valued trees (e.g. for works in the Unitec site).

15. The Requiring Authority shall undertake all practicable steps to consult with relevant landowners (including Auckland Council (Parks), Whai Rawa, Unitec and the owners of 8 Phyllis Street) in the preparation of the PPC&NRP and TMP, and include documentation on how that consultation has been responded to in the design plans above.

Lizard Management Plan

16. A Lizard Management Plan (LMP) shall be prepared and implemented by an experienced, Department of Conservation approved, herpetologist. The LMP shall include, but not be limited to, the following:

- a) Methods of survey and rescue prior to construction commencing;
- b) Methods of survey and rescue during construction of the pathway;
- c) Identification of relocation sites that have not been used for previous lizard rescues; and
- d) Recommended means of enhancement for identified rescue sites.

Heritage

17. The OPW must nominate the following personnel for the management of potential heritage impacts during construction:

- a) Project Archaeologist(s);
- b) Building archaeologist (or other specialist experienced in the history and recording of drystone walling) who is either confirmed by Heritage New Zealand approval or otherwise is confirmed as acceptable to Auckland Council Heritage Unit;
- c) Heritage stonemason; and
- d) Mana Whenua appointed personnel to observe sections of the Waterview Shared Path near the SEA, if identified and as required by Mana Whenua.



18. The OPW must provide detail on how the scheduled historic heritage features (historic stone walls, midden, visible features of the piggery) will be identified so that all contractors on site can appropriately avoid potential impacts of construction works on these areas (for example, by protective warning tape (to demarcate the area), coloured sandbags or other measures).

19. All works within 20m of historic heritage sites must be monitored by the project archaeologist.

Advice Note:

If any archaeological features are uncovered on the site, works should cease and the Team Leader Cultural Heritage Implementation and Heritage New Zealand {09 307 9920} should be notified immediately. The Heritage New Zealand Pouhere Taonga Act 2014 provides for the identification, protection, preservation and conservation of the historic and cultural heritage of New Zealand. It is an offence under this Act to destroy, damage or modify any archaeological site without an authority from Heritage New Zealand Pouhere Taonga. An archaeological site is defined as a place associated with pre-1900 human activity where there may be evidence relating to the history of New Zealand. Archaeological features' may include old whaling stations, shipwrecks, shell middens, hangi or ovens, pit depressions, defensive ditches, artefacts, or koiwi tangata {human skeletal remains}, etc. For guidance and advice on managing the discovery of archaeological features, contact the Team Leader Cultural Heritage Implementation on 09 301 0101.

20. Potential adverse effects on the dry stone wall located in the vicinity of Laurel Street /Albie Turner Field are to be mitigated by:

- a) Manually removing the vegetation covering the length of the wall within the designation under supervision of the Project Archaeologist;
- b) Completing a full (scaled) photographic record of both sides of the wall, annotating this record and supplying it to the Team Leader Cultural Heritage Implementation (Auckland Council) within 6 months of the completion of works;
- c) Where the deconstruction of any portion of the wall is required under this designation all recording, drawing, photography and supervised removal of stone of this portion of the project must be undertaken by the specified Building Archaeologist (or other specialist experienced in the history and recording of drystone walling) in conjunction with the Heritage Stonemason identified under Condition 17.

20A. Additional information arising from heritage subcontractors (reports, analyses) relating to all historic heritage works along this shared path shall be supplied to the Team Leader Cultural Heritage Implementation,

Auckland Council within 12 months of the completion of the project, to allow the Cultural Heritage Inventory to be updated.

21. The OPW shall include details of at least one interpretation sign with information relating to the Māori and early European history of the area. The purpose of the interpretative signage is to detail cultural and historic heritage values of the area. This interpretative signage shall be located in an appropriate location within the designation, in the northern part of the walkway (from Phyllis Street Reserve north). In addition, the interpretation panel could also incorporate information relating to ecological and geological values.

Advice Note:

All archaeological sites are protected under the provisions of the Heritage New Zealand Pouhere Taonga Act 2014 (HNZPTA) (formerly the Historic Places Act 1993). It is an offence under this Act to destroy, damage or modify any archaeological site, whether or not the site is entered on the Heritage NZ (HNZ) List of Historic Places, Historic Areas, Wāhi Tapu and Wāhi Tapu Areas. Under section 44 of the Act, applications must be made to the HNZ for an authority to destroy, damage or modify an archaeological site(s) where avoidance of effect is not practicable. It is the responsibility of the applicant (consent holder) to consult with the HNZ about the requirements of the HNZPTA and to obtain the necessary Authorities under the Act should these become necessary, as a result of any activity associated with the proposed development. For information please contact the HNZ Northern Regional Archaeologist- Beverley Parslow (09) 307 9923.

Lighting Plans

22. The OPW required by Condition 2 shall include provision of plans to light the Waterview Shared Path. These plans shall demonstrate:

- a) that the spacing of lighting poles along the route demonstrates that, wherever practicable, lighting poles are located at the side boundaries of any adjoining residential property sites (so that lighting poles are, as much as practicable, not located in the middle of the rear boundary of adjoining residential properties). Where any lighting poles cannot be located at site boundaries, Auckland Transport shall take all practicable steps to consult with those landowners affected to achieve an agreed location;
- b) that subject to (c) below, the proposed illuminance levels associated with any artificial lighting on the shared path which shall comply with the Auckland City Council Consolidated Bylaw- Part 13.5.2: Lighting and the Auckland Council District Plan (Isthmus



Section) 10 lux maximum illuminance levels on all boundaries with residential zoned properties;

c) that lighting the Alford Street Bridge and Soljak Place Bridge will be incorporated in the bridge handrails. Lighting of the Soljak Place Bridge will be incorporated in the bridge handrails on the main bridge span and the ramp opposite the north/north-west boundary of 45/8 and 46/8 Soljak Place as shown on the plan titled "*Soljak Place Bridge Extent of Handrail Lighting*" and referenced "DG-ST-4279" in Appendix H of *Waterview Shared Path - Alteration to Designation & Section 127 Application for the Trent Street Link and Harbutt Reserve Bridge*, Well-Connected Alliance. 26 May 2016; and

d) that lighting from the Soljak Place Bridge is designed to achieve no more than 5 lux the boundary of 8 Soljak Place, as required by Condition 3(e).

Section 176 RMA Waiver

23. Where works and activities are carried out within the Waterview Shared Path designation by Auckland Council (Parks), Unitec and Whai Rawa, or their agents (for the respective land holdings), and those works and activities do not prevent or obstruct users of the path or the maintenance requirements for the path, these parties are not required to obtain the written agreement of Auckland Transport usually required under s176(1)(b) of the RMA. Section 176(1)(b) RMA written approval will be required from Auckland Transport if the activity involves any excavation of the Waterview Shared Path or the activity would prevent, restrict or otherwise obstruct use of the path (by pedestrians and/or cyclists or for maintenance or service access). If a s176(1)(b) written approval is required, the request must be in writing and be addressed to the Group Manager Property and Planning, Auckland Transport.

Lapsing of designation

24. The designation shall lapse on the expiry of a period of ten years after the date it is included in the District Plan in accordance with section 184(1)(c) of the RMA, unless:

- a) It is given effect to before the end of that period; or
- b) the Council determines, on an application made within three months before the expiry of that period, that substantial progress or effort has been made towards giving effect to the designation and is continuing to be made, and fixes a longer period for the purposes of this subsection.

Alteration of designation boundary post-construction

25. Within 60 working days of completion of construction of the Waterview Shared Path the Requiring Authority shall:

- a) Review the area designated for the Waterview Shared Path;
- b) Identify any areas of designated land that are no longer necessary for the on-going operation and maintenance of the Waterview Shared Path, or for on-going mitigation measures; and
- c) 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 (b) above.

Monitoring

26. The consent holder shall pay the Council a consent compliance monitoring charge of \$1,000.00 (inclusive of GST), plus any further monitoring charge or charges to recover the actual and reasonable costs that have been incurred to ensure compliance with the conditions attached to this consent. (This charge is to cover the cost of inspecting the site, carrying out tests, reviewing conditions, updating files, etc., all being work to ensure compliance with the above conditions).

The \$1,000.00 (inclusive of GST) charge shall be paid as part of the resource consent fee and the consent holder will be advised of the further monitoring charge or charges as they fall due. Such further charges are to be paid within one month of the date of invoice.

E05-05 CONCEPT PLAN - MT ALBERT RESEARCH CENTRE

DOMINANT ACTIVITY: SCIENTIFIC RESEARCH

PERMITTED ACTIVITIES

- Carparking areas
- Conference rooms
- Containment glasshouse facility (for transgenic plants)
- Coolroom storage facilities
- Glasshouse
- Insect quarantine facility
- Laboratories and research facilities
- Libraries
- Mechanical engineering and electronic workshop associated with the primary use of the site



- Plant quarantine facility
- Research orchard
- Residential accommodation associated with the primary use of the site

DEVELOPMENT CONTROLS

All development will be subject to the development controls contained in Clause **10.8.1 ALL SITES SUBJECT TO CONCEPT PLANS IN THE SPECIAL PURPOSE 1 AND 2 ZONES** of the Plan, except where otherwise specified below.

1. Building Platform

Building development is limited to the building platform illustrated on the Concept Plan.

2. Maximum Height

Building Platform A: 15m

Building Platform B: 20m

However, the special height limits in Clause **5C.7.6 VIEWS** shall apply where relevant.

3. Maximum Building Coverage

35%.

4. Hazardous Facilities

Activities on the site using hazardous substances must comply with the provisions of **PART 5E - HAZARDOUS FACILITIES**.

Criteria for Assessing Applications for Resource Consent

In addition to the matters set out in Clause **10.7.2.3 DISCRETIONARY ACTIVITIES**, the following matters are of concern.

1. The location and scale of buildings and their effect on the surrounding residential properties. This should be taken into account in any future development or redevelopment and appropriate measures taken to mitigate such effects.
2. The need to maintain the existing carparking numbers on-site and to increase these accordingly as further development occurs. This will reduce any overspill of vehicles parking in nearby residential streets.
3. The need to protect views to Mt. Albert through view-line height limits.

**E05-24 MT ALBERT GRAMMAR SCHOOL,
ALBERTON AVENUE**

Development to be in accordance with the following -

1. The following trees shall not be cut, damaged, altered, injured, destroyed or partly destroyed other than in accordance with an outline plan submitted and processed in terms of Section 176A of the Resource Management Act 1991:

- indigenous trees (including the roots) over 6m in height or with a girth (measured at 1.4m above the ground) greater than 600mm;
- exotic trees (including the roots) over 8m in height or with a girth (measured at 1.4m above the ground) greater than 800mm.

In the case of a tree with multiple trunks (such as pohutukawa) the girth measurement shall be the aggregate or collective measurement of all trunks which have a circumference of 250mm or more.

Provided that regular minor trimming or maintenance effected by hand operated secateurs or pruning shears, may be undertaken in accordance with accepted arboricultural practice, and that removal or trimming required to safeguard life and property is permitted without an outline plan.

2. No works shall be carried out within the dripline of the following trees other than in accordance with an outline plan submitted and processed in terms of Section 176A of the Resource Management Act 1991:

- indigenous trees (including the roots) over 6m in height or with a girth (measured at 1.4m above the ground) greater than 600mm;
- exotic trees (including the roots) over 8m in height or with a girth (measured at 1.4m above the ground) greater than 800mm.

In the case of a tree with multiple trunks (such as pohutukawa) the girth measurement shall be the aggregate or collective measurement of all trunks which have a circumference of 250mm or more.

3. Carparking shall be provided at the rate of two carparks per classroom, except where the Council accepts, on the basis of a specifically commissioned parking study by an appropriately qualified engineer, that a lesser level is appropriate.
4. No additions or alterations shall be made to the building scheduled in the District Plan (Map Reference E05-13 Main Building) other than in accordance with an outline plan submitted and processed in terms of Section 176A of the Resource Management Act 1991. This provision shall also apply to the interior of the building and the site surrounds as dimensioned in the Plan.
5. Unless lapsed prior to 15 June 2010, the expiry date of this designation was extended to 1 November



APPENDIX B (PLANNING MAPS)

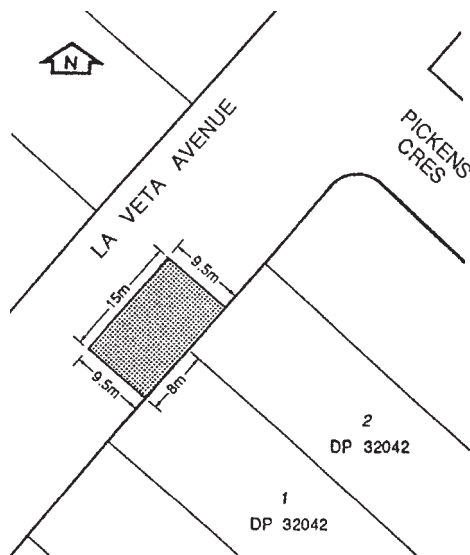
2015, by S78 of the Local Government (Auckland Transitional Provisions) Act 2010.

E05-27 WATER SUPPLY PURPOSES, LA VETA AVE

Development to be in accordance with the following:

1. All activities, works and buildings not fully described in the notice of requirement shall be the subject of either:
 - (a) a new notice of requirement, which shall be publicly notified, pursuant to Section 168 or 168A of the Resource Management Act; or
 - (b) a notice to alter the designation, pursuant to Section 181 of the Resource Management Act, which notice shall be publicly notified unless the alteration is minor and affected persons agree in accordance with the provisions of Section 181(3) of the Act.
2. Unless lapsed prior to 15 June 2010, the expiry date of this designation was extended to 1 November 2015, by S78 of the Local Government (Auckland Transitional Provisions) Act 2010.

E05-28 Water Supply Purposes, 27 La Veta Avenue



E05-28 WATER SUPPLY PURPOSES, 27 LA VETA AVENUE

Development to be in accordance with the following -

1. All activities, works and buildings not fully described in the notice of requirement shall be the subject of either:
 - (a) a new notice of requirement, which shall be publicly notified, pursuant to Section 168 or 168A of the Resource Management Act; or
 - (b) a notice to alter the designation, pursuant to Section 181 of the Resource Management Act, which notice shall be publicly notified unless the alteration is minor and affected persons agree in accordance with the provisions of Section 181(3) of the Act.
2. Unless lapsed prior to 15 June 2010, the expiry date of this designation was extended to 1 November 2015, by S78 of the Local Government (Auckland Transitional Provisions) Act 2010.

See also Diagram E05-28

E05-32 COUNCIL CARPARK, NEW NORTH ROAD

Development to be in accordance with the following -

1. All activities, works and buildings not fully described in the notice of requirements shall be the subject of either:
 - (a) a new notice of requirement, which shall be publicly notified, pursuant to Section 168A of the Resource Management Act; or
 - (b) a notice to alter the designation, pursuant to Section 181 of the Resource Management Act, which notice shall be publicly notified unless the alteration is minor and the affected persons agree in accordance with the provisions of Section 181(3) of the Act.
2. Unless lapsed prior to 15 June 2010, the expiry date of this designation was extended to 1 November 2015, by S78 of the Local Government (Auckland Transitional Provisions) Act 2010.

E05-33 COUNCIL CARPARK, CORNER NEW NORTH ROAD AND MOUNT ALBERT ROAD

Development to be in accordance with the following -

1. All activities, works and buildings not fully described in the notice of requirement shall be the subject of either:



- (a) a new notice of requirement, which shall be publicly notified, pursuant to Section 168A of the Resource Management Act; or
 - (b) a notice to alter the designation, pursuant to Section 181 of the Resource Management Act, which notice shall be publicly notified unless the alteration is minor and affected persons agree in accordance with the provisions of Section 181(3) of the Act.
2. Unless lapsed prior to 15 June 2010, the expiry date of this designation was extended to 1 November 2015, by S78 of the Local Government (Auckland Transitional Provisions) Act 2010.

E05-37 TE KURA KAUPAPA MAORI O MAUNGAWHAU

Development to be in accordance with the following -

1. Except as modified by the conditions below, the work shall be undertaken in general accordance with the notice of requirement (signed by Wyatt Creech, Minister of Education, and dated 21 October 1996) and supporting documents including the site plan and elevations drawn by Mike Barns and Associates. The site plan identifies building platforms for Stage 1 and indicative building platforms for future Stage 2. The notice of requirement and supporting documents have been referenced by the Council as IPP/96/149.
2. The term for implementation of this designation shall be 12 years from the inclusion of the designation in the District Plan, in accordance with Section 181(3) of the Act.
 - 2.1. Unless lapsed prior to 15 June 2010, the expiry date of this designation was extended to 1 November 2015, by S78 of the Local Government (Auckland Transitional Provisions) Act 2010.
3. All paved or sealed areas shall be formed and drained to Council standards prior to the kura being opened for pupils.
4. That a minimum of 21 parking spaces as shown on the plans submitted with the requirement shall be formed, sealed, and drained to Council standards and marked out prior to the kura being opened for pupils.
5. After the kura has been open for six months, the requiring authority shall review the adequacy of parking on the site. If there is found to be insufficient parking on site to meet requirements during the peak period, then additional parking shall be provided in the areas identified as future parking on the site plan submitted with the notice of requirement.
6. Restrictions shall be placed on the side of Haverstock Road opposite the access to the kura, prohibiting stopping between the hours of 8.00 to 9.00am and 2.30 to 3.30pm weekdays (excluding public holidays). These restrictions shall extend 30 metres north and south of the centreline of the accessway to the kura. The restrictions shall be installed to the satisfaction of the Manager: Roading and Traffic Services prior to the kura opening for pupils. This work shall be completed by the Ministry of Education or at their expense.
7. Before the commencement of construction of the building, a landscaping plan giving details of planting (showing species and their location and size at time of planting, soil or growing medium depth and drainage), and also outlining a maintenance programme for these plantings shall be submitted to the satisfaction of the Manager: Isthmus Policy and Projects. These plans shall identify suitable species to grow to a maximum height of 3 metres. These plans shall show at least fifteen specimen trees which have a minimum girth of at least 10 cm (at breast height) and a root ball size of at least PB95 at the time of planting. Planting shall be in the locations generally identified on the indicative landscaping plan submitted with the notice of requirement. In addition planting shall be provided along the entire rear southwestern boundary of the kura site where it adjoins Numbers 17, 19, 20 and 22 Kerr-Taylor Avenue (Lots 11, 12, 13, and 14, DP 42591) and the balance of the HortResearch site. Landscaping shall be undertaken in accordance with these approved plans during the first planting season after the kura opens for pupils.
8. Provision must be made and maintained at all times to ensure continued growth and health of the planting referred to in Condition (7) with respect to soil or growing medium depth, drainage, and watering to the satisfaction of the Manager: Isthmus Policy and Projects.
9. A wheel wash shall be installed and used on the site during the full period of construction to ensure that loose material associated with excavation, removal of soil and debris and delivery of construction material is not carried by vehicle tyres and deposited on public roads. During such times the road carriageway adjacent to the site shall be hosed down at the end of each working day.
10. During earthworks and excavation for the site, all stormwater runoff from the site is to be managed and controlled to ensure no silt, sediment or water containing silt or sediment is discharged into stormwater pipes, drains, channel or soakage systems and in accordance with the methods to prevent erosion and sediment loss set out in [ANNEXURE 14](#)



APPENDIX B (PLANNING MAPS)

- of the Auckland City Proposed District Plan (Isthmus Section).
11. The use of motorised earthmoving equipment and the removal of the surplus excavated material from the site by trucks shall not be undertaken outside the hours of 8.00am to 6.00pm Monday to Friday, and 8.30am to 1.00pm Saturdays.
 12. With the exception of all trees currently existing on the site, other than cabbage trees, the development shall comply with the general tree protection controls as set out in Clause [5C.7.3.3C GENERAL TREE PROTECTION](#) of the Auckland City Proposed District Plan (Isthmus Section).
 13. The existing barbed wire fencing along the rear boundaries of Numbers 17, 19, 20 and 22 Kerr-Taylor Avenue (Lots 11, 12, 13, and 14, DP 42591) is to be removed. A 2.0 metre high close-boarded and battened fence shall be erected along the northern boundary of 130 Haverstock Road (Lot 10 DP 45282), the southern boundary of 144 Haverstock Road (Lot 8 DP 62387), and along the entire rear southwestern boundary of the kura site where it adjoins Numbers 17, 19, 20 and 22 Kerr-Taylor Avenue (Lots 11, 12, 13, and 14, DP 42591). The balance of the HortResearch site shall be provided with a 2 metre high post and wire fence. The fence shall be constructed from wire posts with 50 x 50mm wire mesh and shall not contain any barbed wire. Such fencing is to be completed prior to the commencement of construction on the site.
 14. Screening shall be provided to prevent floodlighting or vehicle lights from shining directly on adjacent sites.
 15. Screening of any outdoor storage, refuse disposal areas, service or parking areas shall be provided in accordance with Clause [10.8.2.5B SCREENING](#), of the Auckland City Proposed District Plan (Isthmus Section).
 16. During the period of construction, noise shall comply with the controls set out in Clause [4A.1\(D\) CONSTRUCTION NOISE](#), of the Auckland City Proposed District Plan (Isthmus Section).
 17. Subject to Condition (16) above, noise levels shall comply with Clause [10.8.2.6 NOISE CONTROL AT THE RESIDENTIAL ZONE INTERFACE](#), of the Auckland City Proposed District Plan (Isthmus Section).
 18. All reasonable internal and external costs directly incurred monitoring the conditions are to be borne by the requiring authority.
 19. The residential accommodation shall be used for the purposes of providing accommodation for persons whose duties require them to live on site. This may include, for instance, a school caretaker and his/her family.
 20. Development shall comply with the 'building in relation to boundary control' as set out in Clause [10.8.2.2 BUILDING IN RELATION TO BOUNDARY](#) of the Auckland City Proposed District Plan (Isthmus Section).
 21. Prior to the commencement of building work on the site, the Certificates of Title for Lot 9 DP 45282, and Lots 2 & 3 DP 155403, shall be held together in such a way that they cannot be dealt with separately without the prior consent of Council.
 22. Prior to the commencement of building work on the site, the requiring authority shall obtain legal access to the site from Haverstock Road, including access over Meola Stream, to the satisfaction of the Manager: Isthmus Policy and Projects.
 23. Any bridging over Meola Stream shall be designed and constructed in a manner which does not impede the overland flow path and which allows Council access to the stream bed and pipe for maintenance purposes to the satisfaction of Council.
 24. Prior to the commencement of construction on the site, the requiring authority shall provide evidence from an appropriate expert to satisfy the Manager: Isthmus Policy and Projects that there are no outstanding contamination issues on the site which would cause the site to be unsuitable for the proposed activity.
 25. Prior to the commencement of construction on the site, a site management plan shall be produced to the satisfaction of the Manager: Isthmus Policy and Projects regulating activities at the site. The management plan shall detail the management of:
 - construction activities;
 - ongoing site maintenance including maintenance of plantings, buildings, grounds, sealed areas;
 - security measures for the kura;
 - litter and rubbish disposal including frequency of collection.
 26. That prior to the commencement of construction of Stage 2, detailed plans shall be submitted to the satisfaction of the Manager: Isthmus Policy and Projects. The buildings, parking and manoeuvring for Stage 2 shall be located generally within the areas identified as 'future Stage 2' on the site plan submitted with the notice of requirement. The design and external appearance of the Stage 2 buildings shall be compatible with the Stage 1 development.



27. Prior to the relocation of the caretaker's cottage on the site, detailed plans showing the location, internal layout, external design and appearance shall be submitted to the satisfaction of the Manager: Isthmus Policy and Projects.

Advice Notes:

1. A resource consent is required if the site and / or buildings are to be used for activities not directly associated with the educational facility.
2. The requiring authority needs to obtain all other necessary consents and permits, including those under the Building Act 1991, and comply with all relevant Council bylaws.

E05-38 MAXIMUM HEIGHT CONTROL, 14A PICKENS CRESCENT

All development is subject to the development controls in clause 7.8 Rules: Development controls of the Plan, except where otherwise specified below.

Maximum Height

1. The permitted maximum height for the site at 14A Pickens Crescent is 7.3 metres.
2. For the purpose of height controls on the land, height shall be measured by the rolling height method as defined in Part 13 of the District Plan.
3. Any application to exceed the permitted height of 7.3 metres will be considered as a discretionary activity.

E06-02 EDENDALE PRIMARY SCHOOL, SANDRINGHAM ROAD

Development to be in accordance with the following -

1. The following trees shall not be cut, damaged, altered, injured, destroyed or partly destroyed other than in accordance with an outline plan submitted and processed in terms of Section 176A of the Resource Management Act 1991:
 - indigenous trees (including the roots) over 6m in height or with a girth (measured at 1.4m above the ground) greater than 600mm;
 - exotic trees (including the roots) over 8m in height or with a girth (measured at 1.4m above the ground) greater than 800mm.

In the case of a tree with multiple trunks (such as pohutukawa) the girth measurement shall be the aggregate or collective measurement of all trunks which have a circumference of 250mm or more.

Provided that regular minor trimming or maintenance effected by hand operated secateurs or pruning shears, may be undertaken in accordance with accepted arboricultural practice, and that removal or trimming required to safeguard life and property is permitted without an outline plan.

2. No works shall be carried out within the dripline of the following trees other than in accordance with an outline plan submitted and processed in terms of Section 176A of the Resource Management Act 1991:
 - indigenous trees (including the roots) over 6m in height or with a girth (measured at 1.4m above the ground) greater than 600mm;
 - exotic trees (including the roots) over 8m in height or with a girth (measured at 1.4m above the ground) greater than 800mm.

In the case of a tree with multiple trunks (such as pohutukawa) the girth measurement shall be the aggregate or collective measurement of all trunks which have a circumference of 250mm or more.

3. Carparking shall be provided at the rate of two carparks per classroom, except where the Council accepts, on the basis of a specifically commissioned parking study by an appropriately qualified engineer, that a lesser level is appropriate.
4. Unless lapsed prior to 15 June 2010, the expiry date of this designation was extended to 1 November 2015, by S78 of the Local Government (Auckland Transitional Provisions) Act 2010.

E06-03 BUILDING LINE FOR ROAD WIDENING, ALBERTON AVENUE

1. That the term for implementation of this designation be 12 years from the inclusion of the designation in the District Plan, in accordance with Section 184 of the Resource Management Act 1991.
2. Council, when designing the works will have regard to any scheduled or protected item directly affected by the works.
3. Unless lapsed prior to 15 June 2010, the expiry date of this designation was extended to 1 November 2015, by S78 of the Local Government (Auckland Transitional Provisions) Act 2010.

[SECTION CONTINUED](#)



Plan change annotations - key



Indicates where content is affected by proposed plan modification x.
Refer to plan modification folder or website for details.



Indicates where the content is part of plan modification x, which is
subject to appeal.

Underlined content to be inserted.

~~Struck through~~ content to be deleted.

