

## Proposed Waikato District Plan – Hearing 25 – Special Purpose Zone Hopuhopu – Consequential changes to Chapter 14 – Infrastructure

Make the following consequential changes to Chapter 14 (additional text shown in red and underlined, deleted text shown ~~red and struck through~~):

(yellow highlight indicates changes recommended in the s42a report for Hearing 22 – Infrastructure chapter – these changes are shown here for context but do not form part of the SPZ-H changes put forward under Hearing 25).

### 14.5 Electrical distribution

#### 14.5.1 Permitted Activities

P4	Substations and associated transformers and switching stations	14.5.1.2 (a) Substations and associated transformers and switching stations distributing electricity that comply with the following: (i) Distribute electricity at a voltage up to and including 110kV; and (ii) Are located within the Business Zone, Business Town Centre Zone, Tamahere Business Zone, Te Kowhai Airpark Zone, Industrial Zone <u>Heavy</u> , Motor Sport and Recreation Zone <u>and the Rural Zone</u> <del>and the Special Purpose Zone - Hopuhopu</del> ; and (iii) Any ancillary buildings do not exceed 100m <sup>2</sup> in gross floor area; and (iv) Are not located within an Identified Area
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### 14.1 Electricity generation

#### 14.6.1 Permitted Activities

Activity	Activity specific conditions
Small-scale electricity generation	14.6.1.1 (a) Small-scale electricity generation and community-scale electricity generation that comply with each of the following conditions, where applicable: (a) Is not located within an Identified Area; (b) Is not located on a road, or unformed road; (c) Less than 20kW of electricity is generated; (d) Maximum one wind turbine per site in the Residential, Rangitahi Peninsula, <del>and</del> Village and <u>Special Purpose Hopuhopu</u> Zones; (e) Freestanding wind turbines must not exceed the building height limit of the zone in which they are located by more than 3m;
Community-scale electricity generation	

	<ul style="list-style-type: none"> <li>(f) Freestanding wind turbines have a maximum blade diameter of 2.5m;</li> <li>(g) Roof-mounted wind turbines must not exceed the building height limit of the zone in which they are located by more than 3m;</li> <li>(h) Roof-mounted wind turbines have a maximum blade diameter of 2.5m;</li> <li>(i) Any wind turbine on a site adjoining Residential, Rangitahi Peninsula, <del>or Village</del> or Special Purpose - Hopuhopu Zones must meet the height in relation to boundary limits on the boundary with that adjoining zone;</li> <li>(j) Solar panels on the roof of a building must not exceed 1.5m in height above the existing roof. Solar panels may be attached to a ground mounted frame;</li> <li>(k) Wind turbine noise must:             <ul style="list-style-type: none"> <li>(i) Not exceed the background sound level (L95) by more than 5dBA, or a level of 40dBA (L95), whichever is the greater, when measured at operational wind speeds, and for properties located adjacent to the facility when measured at:                 <ul style="list-style-type: none"> <li>(1) Any existing building or structure for sensitive land uses; and</li> <li>(2) Any potential building site where a building or structure for sensitive land uses could be located as a permitted activity;</li> </ul> </li> <li>(ii) Be measured and assessed in accordance with NZS6808: 2010 Acoustics – Wind Farm Noise</li> </ul> </li> </ul> <p>(l) All other structures not listed above must not be higher than the maximum building height limit of the zone in which they are located.</p>
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## 14.10 Telecommunications and radiocommunications

### 14.10.1 Permitted Activities

P5	Antennas+ <sup>1</sup> attached to a building and/or structure	<p>14.10.1.4</p> <ul style="list-style-type: none"> <li>(a) Antennas attached to a building and/or structure that comply with all of the following conditions:             <ul style="list-style-type: none"> <li>(i) Do not connect to an area, façade or item specifically listed in Schedule 30.1;</li> <li>(ii) The building and/or structure is located within:                 <ul style="list-style-type: none"> <li>A. Business Zone</li> <li>B. Business Town Centre Zone</li> <li>C. Tamahere Business Zone</li> <li>D. Te Kowhai Airpark Zone</li> <li>E. Industrial Zone</li> <li>F. Industrial Zone Heavy</li> <li>G. Motor Sport and Recreation Zone</li> <li>H. Rural Zone</li> <li>I. Country Living Zone</li> <li>J. Reserve Zone</li> <li>K. Special Purpose Area - Hopuhopu</li> </ul> </li> <li>(iii) The face of the antenna does not exceed 1.5m<sup>2</sup> or 1.2m in diameter for dish antennas, or 1.6m in length for Yagi antenna on an existing pole.</li> </ul> </li> </ul>
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	(b) Rule 14.10.1.4 does not apply to private television antennas and satellite dishes +21.
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P9	Poles, antennas and headframes+ <sup>1</sup>	<p>14.10.1.7</p> <p>(a) Any poles and attached antenna that comply with the following conditions:</p> <ul style="list-style-type: none"> <li>(i) Are not located within an Identified Area;</li> <li>(ii) Do not connect to an area, façade or item specifically listed in Schedule 30.1;</li> <li>(iii) Comply with the height in relation to boundary limits for the zone in which it is located;</li> <li>(iv) Not exceed the height limits set out in the following table:</li> </ul> <table border="1" style="margin-left: 40px;"> <thead> <tr> <th style="text-align: left;">Zone</th> <th style="text-align: left;">Permitted height</th> </tr> </thead> <tbody> <tr> <td>Rural, Country Living</td> <td>25m (and 30m for co-location of at least two operators)</td> </tr> <tr> <td>Industrial, Heavy Industrial and Motor Sport and Recreation</td> <td>25m (and 30m for co-location of at least two operators)</td> </tr> <tr> <td>Business, Business Town Centre, Business Zone Tamahere, Te Kowhai Airpark</td> <td>20m</td> </tr> <tr> <td>Reserve</td> <td>20m</td> </tr> <tr> <td>Residential, Rangitahi Peninsula, Village</td> <td>15m</td> </tr> <tr> <td><u>Special Purpose Zone – Hopuhopu</u></td> <td><u>In the PRECI – the Residential Precinct – 20 m</u>  <u>In all other Precincts - 25m (and 30m for co-location of at least two operators)</u></td> </tr> <tr> <td>Road or unformed road</td> <td>That of the adjoining zone</td> </tr> </tbody> </table> <p>(b) Headframes that comply with the following conditions:</p> <ul style="list-style-type: none"> <li>(i) Comply with the height in relation to boundary limits for the zone in which it is located;</li> <li>(ii) Within the Residential Zone do not exceed 1.0m diameter; or</li> <li>(iii) Within all other zones and unformed roads do not exceed 6.0m diameter; and</li> <li>(iv) Within the road do not exceed 0.7m diameter.</li> </ul>	Zone	Permitted height	Rural, Country Living	25m (and 30m for co-location of at least two operators)	Industrial, Heavy Industrial and Motor Sport and Recreation	25m (and 30m for co-location of at least two operators)	Business, Business Town Centre, Business Zone Tamahere, Te Kowhai Airpark	20m	Reserve	20m	Residential, Rangitahi Peninsula, Village	15m	<u>Special Purpose Zone – Hopuhopu</u>	<u>In the PRECI – the Residential Precinct – 20 m</u>  <u>In all other Precincts - 25m (and 30m for co-location of at least two operators)</u>	Road or unformed road	That of the adjoining zone
Zone	Permitted height																	
Rural, Country Living	25m (and 30m for co-location of at least two operators)																	
Industrial, Heavy Industrial and Motor Sport and Recreation	25m (and 30m for co-location of at least two operators)																	
Business, Business Town Centre, Business Zone Tamahere, Te Kowhai Airpark	20m																	
Reserve	20m																	
Residential, Rangitahi Peninsula, Village	15m																	
<u>Special Purpose Zone – Hopuhopu</u>	<u>In the PRECI – the Residential Precinct – 20 m</u>  <u>In all other Precincts - 25m (and 30m for co-location of at least two operators)</u>																	
Road or unformed road	That of the adjoining zone																	

		(c) Rule 14.10.1.7 <del>(1)</del> (a) does not apply to lightning rods and GPS antenna, omni directional whip antenna, ancillary telecommunication devices and earthpeaks.
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P10	Externally-mounted telecommunication satellite dishes and ancillary components	<p>14.10.1.8</p> <p>(a) Externally-mounted telecommunication satellite dishes and ancillary components that comply with the following conditions:</p> <p>(i) Do not exceed 1.0m in diameter or 1.8 m in diameter in Industrial Zone, Industrial Zone Heavy, Country Living Zone, Rural Zone and Special Purpose Zone - Hopuhopu</p> <p>(ii) Are attached to existing buildings and/or including a pole or structure other than a building when located in the Country Living and Rural Zones;</p> <p>(iii) Do not connect to an area, façade or item specifically listed in Schedule 30.1; and</p> <p>(iv) Are not located within an Identified Area.</p>
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#### 14.10.2 Controlled Activities

- (a) The activities listed below are controlled activities.

Activity		Matters of Control
C1	Ancillary equipment that do not comply with the conditions of Rule 14.10.1.1	<p>(a) Control is reserved over:</p> <p>(i) The size, colour and design of the proposed facility, equipment or structure;</p> <p>(ii) The location of the proposed facility, equipment or structure;</p> <p>(iii) The ability to provide screening or landscaping; and</p> <p>(iv) Effects on the values, qualities and characteristics of the site and/or items in Schedule 30.1.</p>
C2	Cabinets that do not comply with one or more of the conditions of Rule 14.10.1.2	
C3	<p>(a) Cabinets not meeting the NESTF regulations 19, 20, and 21 that are located within:</p> <p>(i) Business Zone</p> <p>(ii) Business Town Centre Zone</p> <p>(iii) Business Zone Tamahere</p> <p>(iv) Te Kowhai Airpark Zone</p> <p>(v) Industrial Zone</p> <p>(vi) Industrial Zone Heavy</p> <p>(vii) Motorsport and Recreation Zone</p> <p>(viii) Rural Zone</p> <p>(ix) Country Living Zone</p> <p>(x) Reserve Zone</p> <p>(xi) Special Purpose Zone – Hopuhopu</p>	
C4	Antennas attached to an existing pole in the road reserve that do not comply with Regulations 26 and 27 of the NESTF and antennas attached to an existing pole in unformed road	
C5	<p>(a) Antennas attached to a building that do not comply with the conditions of Rule 14.10.1.4 and are located within:</p> <p>(i) Business Zone</p> <p>(ii) Business Town Centre Zone</p> <p>(iii) Business Zone Tamahere</p> <p>(iv) Te Kowhai Airpark Zone</p> <p>(v) Industrial Zone</p> <p>(vi) Industrial Zone Heavy</p>	

	<ul style="list-style-type: none"> <li>(vii) Motorsport and Recreation Zone</li> <li>(viii) Rural Zone</li> <li>(ix) Country Living Zone</li> <li>(x) Reserve Zone</li> <li>(xi) <u>Special Purpose Zone – Hopuhopu</u></li> </ul>	
C5	<ul style="list-style-type: none"> <li>(a) Dish antennas not complying with regulations 26-35 of the NESTF that are located within:                             <ul style="list-style-type: none"> <li>(i) Business Zone</li> <li>(ii) Business Town Centre Zone</li> <li>(iii) Business Zone Tamahere</li> <li>(iv) Te Kowhai Airpark Zone</li> <li>(v) Industrial Zone</li> <li>(vi) Heavy Industrial Zone</li> <li>(vii) Motor Sport and Recreation Zone</li> <li>(viii) Rural Zone</li> <li>(ix) Country Living Zone</li> <li>(x) Reserve Zone</li> <li>(xi) <u>Special Purpose Zone – Hopuhopu</u></li> </ul> </li> </ul>	
C6	<ul style="list-style-type: none"> <li>(a) Antennas located within an Identified Area that comply with the following:                             <ul style="list-style-type: none"> <li>(i) GPS antennas that do not exceed the following dimensions:                                     <ul style="list-style-type: none"> <li>A. 300mm high; and</li> <li>B. 130mm in diameter.</li> </ul> </li> <li>(ii) Omni-directional 'whip' or di-pole type antennas that do not exceed the following dimensions:                                     <ul style="list-style-type: none"> <li>A. 1.6m high;</li> <li>B. 1.5m horizontal length whip or rod; or</li> <li>C. Cross section element no more than 60mm in diameter.</li> </ul> </li> </ul> </li> </ul>	
C7	Small cell units located within an Identified Area exceeding the maximum volumetric dimension of 0.1 l m <sup>3</sup> regulated in the NESTF, up to a maximum volumetric dimension of 0.25m <sup>3</sup>	

## 14.11 Water, wastewater and stormwater

### 14.11.2 Restricted Discretionary Activities

RD6	Stormwater ponds or wetlands, that serve more than one site, located within: <ul style="list-style-type: none"> <li>(i) Residential Zone</li> <li>(ii) Rangitahi Peninsula Zone</li> <li>(iii) Village Zone</li> <li>(iv) Country Living Zone</li> <li>(v) Road and unformed road</li> <li>(vi) Identified Area</li> <li>(vii) <u>Special Purpose Zone - Hopuhopu</u></li> </ul>	Discretion is restricted to: <ul style="list-style-type: none"> <li>(a) The functional need and operational need of, and benefits derived from, the infrastructure;</li> <li>(b) Visual, streetscape and amenity effects;</li> <li>(c) Road network safety and efficiency;</li> <li>(d) The risk of hazards to public or individual</li> </ul>
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		safety, and risk of property damage; and (e) Effects on the specific values, qualities and characteristics of any Identified Area.
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#### 14.11.4 Non-Complying Activities

(a) The activities listed below are non-complying activities.

NC1	Water treatment plants located within the following: (viii) Road and unformed road (ix) Identified Area
NC2	Wastewater treatment plants located within the following: (x) Residential Zone (xi) Rangitahi Peninsula Zone (xii) Village Zone (xiii) Business Zone (xiv) Business Town Centre Zone (xv) Tamahere Business Zone (xvi) Te Kowhai Airpark Zone (xvii) Road and unformed road (xviii) Identified Area (xix) <u>Special Purpose Zone - Hopuhopu</u>
NC3	Above ground reservoirs located within an Identified Area

#### 14.12 Transportation

##### 14.12.1 Permitted Activities

Activity		Activity specific conditions
PI	Vehicle access for all activities	14.12.1.1 (1) All activities must comply with the following vehicle access conditions: (a) The site has a <b>vehicle legal physical</b> access to a formed road that is maintained by a road-controlling authority; (b) The site has a vehicle access that is constructed to comply with the relevant requirements of Table 14.12.5.1, Figure 14.12.5.2, Table 14.12.5.3 and Figure 14.12.5, <b>Table 14.12.5.14 and Table 14.12.5.15</b> except: i. Rule 14.12.1.1(1)(b) does not apply where the separation distance requirements of Table 14.12.5.1 and Figure 14.12.5.2 cannot be achieved on a site's road frontage due to existing vehicle accesses on adjacent sites;

		<p>ii. <u>Tables 14.12.5.14 and 14.12.5.15 do not apply to internal accessways within the Special Purpose Zone – Hopuhopu</u></p> <p>(c) No new vehicle access shall be created from Newell Road (south of Birchwood Lane);</p> <p>(d) No access, access leg or right-of-way shall run parallel to any road within 30m of the road, except:</p> <p>i. Rule 14.12.1.1(d) does not apply to farm races, or unsealed internal rural accesses in sites within the Rangitahi Peninsula Structure Plan Area and Opoturu Road;</p> <p>(e) On a site with legal access to two roads, the activity only accesses the road with the lower classification in the road hierarchy in Tables 14.12.5.5 and 14.12.5.6 (where the roads have the same classification, access is only to the road with the lower average daily traffic movements);</p> <p>(f) New vehicle accesses/entrances are not to be constructed to any site from the following roads:</p> <p>i. Main Street, Huntly;</p> <p>ii. Jesmond Street, Ngaruawahia;</p> <p>iii. Bow Street, Raglan (James Street to Cliff Street);</p> <p>iv. George Street, Tuakau (Gibson Road to Liverpool Street);</p> <p>v. Great South Road, Pokeno (Selby Street to Market Street); and</p> <p>vi. Main Street, Te Kauwhata (Saleyard Road to Baird Avenue); and</p> <p>(g) No new vehicle access shall be created within 30 metres of a railway level crossing.</p> <p>(h) All existing and new accesses and roads that cross an operational rail network via a level crossing must be maintained in accordance with the sight line triangles provided in Table 14.12.5.22.</p> <p>(i) New vehicle access shall not be located within an Identified Area.</p> <p><b>Note:</b> Any new vehicle access (or additional land use utilising an existing vehicle access) on a <del>limited access road</del> or state highway will require the approval of the NZ Transport Agency, as the road-controlling authority, and on a limited access road will require the approval of the road controlling authority.</p>
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P4	Traffic generation	<p>14.12.1.4</p> <p>(a) <del>Any activity</del> Each site must comply with the following traffic generation conditions:</p> <p>(b) Within the Residential, Village or Country Living Zones there is a maximum of 100 vehicle movements per site per day, and no more than 15% of these vehicle movements are heavy vehicle movements; or</p> <p>(c) Within the Rangitahi Peninsula Zone there is a maximum of 200 vehicle movements per site per day, and no more than 5% of these vehicle movements are heavy vehicle movements; or</p>
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		<p>(d) Within the Business Zone Tamahere, Business Zone or Business Town Centre Zone there is a maximum of 300 vehicle movements <b>per site</b> per day, and no more than 15% of these vehicle movements are heavy vehicle movements; or</p> <p>(e) Within the Rural Zone:</p> <p>(f) There is maximum 200 vehicle movements <b>per site</b> per day and no more than 15% of these vehicle movements are heavy vehicle movements; <del>or</del></p> <p><b>(g) For activities directly associated with horticulture harvesting, a maximum of 300 vehicle movements per site per day for up to a month, once in a 12-month period and no more than 33% of these vehicle movements are heavy vehicle movements; or</b></p> <p>(h) Within the Agricultural Research Centres identified on the planning maps as a Specific Area there is maximum 3000 vehicle movements <b>per site</b> per day; or</p> <p>(i) Within the Industrial and Heavy Industrial Zone (excluding the Huntly Power Station and Huntly Quarry site):</p> <p>(j) Maximum 250 vehicle movements <b>per site</b> per day and no more than 15% of these vehicle movements are heavy vehicle movements; or</p> <p>(k) From the Huntly Power Station site as shown as the Heavy Industrial Zone on the planning maps:</p> <p>(l) All <b>traffic vehicle</b> movements generated from all activities on the site combined (including those movements which were lawfully established prior to 5 December 2012), there is a maximum 750 vehicle movements <b>per site</b> per day; and</p> <p>(m) Maximum 300 of these vehicle movements are heavy vehicle movements; or</p> <p>(n) From the Huntly Quarry site:</p> <p>(o) All <b>traffic vehicle</b> movements generated from all activities on the site combined (excluding those movements which were lawfully established prior to 5 December 2012), there is maximum 350 vehicle movements <b>per site</b> per day; and</p> <p>(p) No more than 150 of these vehicle movements are heavy vehicle movements, increasing to 200 once the Huntly Bypass section of the Waikato Expressway is open for public use.</p> <p>(q) Within Precincts A and B of the Te Kowhai Airpark Zone there is a maximum 250 vehicle movements <b>per site</b> per day and no more than 15% of these vehicle movements are heavy vehicle movements.</p> <p>(r) Within Precincts C and D of the Te Kowhai Airpark Zone there is a maximum of 30 vehicle movements <b>per site</b> per day and no more than 4 of these vehicle movements are heavy vehicle movements except:</p> <p>(s) Movement restrictions do not apply if the activity is an event or promotion (including temporary events) in Precinct C or a community facility in Precinct C.</p> <p><b>(t) From the Horotiu Industrial Park does not exceed 15.4 trips/ha gross land area/peak hour.</b></p> <p><b>(2) <u>Within the Special Purpose Zone – Hopuhopu:</u></b></p> <p><b>(a) <u>In PREC1 – the Hopuhopu Residential Precinct, there is a maximum of 150 residential units;</u></b></p> <p><b>(b) <u>In PREC2 – the Hopuhopu Education and Conference Precinct, there is a maximum of 300 vehicle movements per activity per day and no more than 15% of these vehicle movements are heavy vehicle movements;</u></b></p>
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		<p>(c) <u>In PREC 4 – the Hopuhopu Open Space Precinct, there is a maximum of 300 vehicle movements per activity per day and no more than 15% of these vehicle movements are heavy vehicle movements;</u></p> <p>(d) <u>In PREC3 – the Hopuhopu Business Precinct and PREC5 – the Hopuhopu Mixed Use Precinct, there is a maximum of 5,000m<sup>2</sup> gross floor area across both precincts combined (in addition to building GFA in existence as at the date that the District Plan is made operative);</u></p> <p>(e) <u>Movement restrictions do not apply if the activity is an event (including temporary events).</u></p> <p><b>Note:</b> Where the likely vehicle movement rates or the actual generation rates of the actual activity are unknown, Table 14.12.5.13 provides indicative traffic generation rates for various activities</p>

RD4	Traffic generation that does not comply with one or more of the conditions of Rule 14.12.1.4	<p>Discretion is restricted to:</p> <p>(a) The trip characteristics <del>of associated with</del> the proposed activity <del>on the site</del>;</p> <p>(b) <del>Safety design for vehicles and pedestrians</del> The design of features intended to ensure safety for all users of the access site, and/or intersecting road including but not limited to vehicle occupants, vehicle riders and pedestrians;</p> <p>(c) <del>Road Land Transport</del> network safety and efficiency, particularly at peak traffic times (of both the activity and road network);</p> <p>(d) Mitigation to address adverse effects, such as:</p> <ul style="list-style-type: none"> <li>• Travel planning;</li> <li>• Providing alternatives to private vehicle trips, including accessibility to public transport;</li> <li>• Staging development; and</li> <li>• Contributing to improvements to the road network.</li> </ul>
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**Table 14.12.5.14 – Access and road conditions (Residential, Village, Business, Business Town Centre, ~~and~~ Industrial, Te Kowhai Airport, Rangitahi Peninsula and Motorsport and Recreation Zones, and Special Purpose Zone - Hopuhopu)**

Road Type	General				Seal Width				Berms		General		
	Number of Allotments or Activities	Design Speed (km/h)	Design Vehicle (RTS 18 Vehicle)	Minimum Road/ROW Reserve Width (m)	Minimum Trafficable Carriageway (m)	Minimum Median Provision (m)	Parking Provision	Minimum Total Seal Width (m) Does not include concrete kerb width	Minimum Services (m)	Minimum Footpath / Shared path (m)	Kerb and Channel / Water-table	Turning Area for no exit roads (RTS 18 Vehicle)	
<b>Access and road conditions (Residential, Village, Business, Business Town Centre, Industrial, <del>and</del> Heavy Industrial Zones and Special Purpose Zone - Hopuhopu)</b>													
Access leg to an allotment (Residential, Village)	1	N/A	8m Rigid	4	N/A								
Access leg to an allotment (Business, Industrial)	1	N/A		6	N/A								
Private access, including ROWs and access allotments (Residential, Village)	2 to 4	N/A		8	5	N/A	N/A	4	Unsealed 1.2m on at least one side	N/A	Nib on one side, mountable on other	Subject to specific design that has been certified	
Private access, including ROWs and access allotments (Business, Industrial)	2 to 8	N/A		10	6		N/A	6			Mountable	Subject to specific design that has been certified	
Access allotment (Residential, Village)	5 to 8	N/A		8	5		Optional	5			Mountable	Yes	
Service Lane (Business and Industrial)	N/A	N/A	Subject to specific design that has been certified	8	6		No parking	6	Subject to specific design that has been certified	Optional	Non-mountable	Subject to specific design that has been certified	
Local Road (Residential, Village)	>8	50	8m Rigid	20	6	None	1m on each side	8				1.8m on each side	8m Rigid
Local Road (Business and Industrial)			19m Semi		9		Optional	9					19m Semi
Collector Road (Residential, Village)	>100	50	8m Rigid	22	6	Subject to specific design that has been certified	2.5m on each side	11				1.8m on each side	8m Rigid
Collector Road (Business and Industrial)			19m Semi		7							12	
Arterial Road (Residential, Village)	N/A	60	19m Semi	30	10	3	Recessed 2.5m on each side	13				1.8m on each side	N/A
Arterial Road (Business and Industrial))													
Local roads in Lorenzen Bay Structure Plan Area	>8	50-80 (max)	N/A	17 (Complies with Figure 14.1.5.18)	6		2.5 metres on alternative sides	11	Subject to specific design that has been certified	1.5 metres on one side of the road	Subject to specific design that has been certified	Yes	

Roads in Te Kauwhata Structure Plan area	>1	50-80 (max)	N/A	20	Refer to Figures 14.1.5.19-14.1.5.21 (cross-sections)
Roads in the Special Purpose Zone - Hopuhopu	N/A	50	Subject to specific design that has been certified		

- Notes:**
- The Regional Integrated Technical Specifications **May 2018** contains further details on road width/design requirements
  - Figure 14.1.4.16 illustrates the various parts of the road (seal width, berm etc.) defined in Tables 14.12.4.14 and 14.12.4.15
  - \*Accesses shall have a minimum height clearance of 4.0m and a maximum gradient of 1 in 5 (with minimum 4.0m transition ramps of 1 in 8) except where the access terminates less than 135m from the nearest road that has reticulated water supply (included hydrants).