



## Appendix 1: Schedule of District Plan Rules Attached to Land Use Conditions

Schedule #	Relevant Land Use Condition	Christchurch District Plan Rule Set
1	Condition 4a	General Industrial Zone 16.4.1.1 Permitted Activities
2	Condition 5	General Industrial Zone 16.4.2 Built Form Standards
3	Condition 8	General Noise Rules 6.1.4 and Zone-Specific Noise Rules 6.1.5
4	Condition 9	Glare Rules 6.3.4.1 Permitted Activities Control of Glare
5	Condition 11	Light Spill 6.3.5.1 Permitted Activities Control of Light Spill and 6.3.6 Light Spill Standards by Zone
6	Condition 13	Aircraft Protection <u>Permitted Activity</u> Rules 6.7.4 including: i. 6.7.4.1.1 Protection Surfaces, ii. 6.7.4.2.1 Runway End Protection Surfaces, iii. 6.7.4.3.1 Bird Strike Management Areas, and iv. 6.7.4.4 Protection Surfaces for Christchurch International Airport
7	Condition 14	Sign Rules 6.8.4
8	Condition 15	Earthworks Rules 8.9.2.1
9	Condition 18	Transport Activity Status Tables Rule 7.4.2
10	Condition 19	Transport Standards Rule 7.4.3 and Appendices in 7.5



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**Schedule 1: Condition 4a: General Industrial Zone 16.4.1.1 Permitted Activities**

## Chapter 16 Industrial

### 16.4 Rules - Industrial General Zone

#### 16.4.1 Activity status tables - Industrial General Zone

##### 16.4.1.1 Permitted activities

- a. The activities listed below are permitted activities in the Industrial General Zone if they meet the activity specific standards set out in this table and the built form standards in [Rule 16.4.2](#). Note, the built form standards do not apply to an activity that does not involve any development.
- b. Activities may also be controlled, restricted discretionary, discretionary, non-complying or prohibited, as specified in Rules [16.4.1.2](#), [16.4.1.3](#), [16.4.1.4](#), [16.4.1.5](#), and [16.4.1.6](#).
- c. The activities listed below include any associated [landscaping](#), [access](#), [parking areas](#), [loading](#), [waste management areas](#) and other hard standing areas.

Activity		Activity specific standards
P1	Any new building or addition to a building for any activity listed in Rule 16.4.1.1 P2 to P21.	Nil
P2	Industrial activity	
P3	Warehousing and distribution activities	
P4	High technology industrial activity	
P5	Service industry	
P6	Trade and industry training activity	
P7	Ancillary retail activity	<p>a. Any ancillary retail activity shall:</p> <ul style="list-style-type: none"> <li>i. occupy no more than 250m<sup>2</sup> or 25% of the GFA of all buildings on the same site, whichever is the lesser; and</li> <li>ii. have visually transparent glazing on the ground floor elevation facing the street for a minimum of 20% of that elevation where goods are displayed for sale within the building and the retail activity fronts the street.</li> <li>iii. be limited to the display and sale of goods produced, processed or stored on the site.</li> </ul>
P8	Retail activity on the Tannery site (between Cumnor Terrace and Tanner street), within the brownfield overlay on Planning Map 47.	a. The maximum GFA of retail activity shall be 2,278m <sup>2</sup> .
P9	Food and beverage outlet	Nil
P10	Trade supplier	
P11	Yard-based supplier	
P12	Service station	
P13	Second-hand goods outlets	
P14	Ancillary office	<p>a. Any ancillary offices shall:</p> <ul style="list-style-type: none"> <li>i. occupy no more than 500m<sup>2</sup> or 30% of the GFA of all buildings on the same site, whichever is the lesser or for yard based activities, shall occupy no more than 250m<sup>2</sup> of floor area on the whole site; and</li> <li>ii. have visually transparent glazing on the ground floor elevation facing the road for a minimum of 20% of that elevation where the office fronts the road.</li> </ul> <p>Advice note:</p> <ol style="list-style-type: none"> <li>1. Clause i. shall not apply to land legally described as Lot 1 DP 2951, Lot 2 DP 2951, and Pt Sec 16 Lyttelton Town, where any office shall be ancillary to port activities.</li> </ol>
P15	Public transport facility	Nil

Activity	Activity specific standards
P16	Emergency service facilities
P17	Gymnasium
P18	<p><b>Preschool</b></p> <ul style="list-style-type: none"> <li>a. outside the 50 dB Ldn Air Noise Contour;</li> <li>b. in Lyttelton, outside the Lyttelton Port Influences Overlay Area as defined on the planning maps;</li> <li>c. outside the Woolston Risk Management Area as defined on the planning maps.</li> </ul> <p>a. Any preschool activity shall:</p> <ul style="list-style-type: none"> <li>i. be located more than 100 metres from the boundary of an Industrial Heavy Zone; and</li> <li>ii. have any indoor areas (excluding bathroom, laundry, toilet, pantry, walk-in wardrobe, corridor, hallway, lobby or clothes drying room) designed and constructed to achieve an external to internal noise reduction of not less than 25 dB Dtr, 2m, nT,w+ Ctr; and</li> <li>iii. have any bedroom or sleeping area designed and constructed to achieve an external to internal noise reduction of not less than 30 dB Dtr,2m,nT,w+ Ctr.</li> </ul>
P19	Parking lots and parking buildings
P20	Community corrections facility
P21	<p>Any activity listed in Rule Rule 16.4.1.1 P1 to P20 at 65 – 67 Racecourse Road (Refer to Appendix 16.8.12)</p> <p>a. Development is to be in accordance with the outline development plan in Appendix 16.8.12.</p>
P22	Commercial film or video production

**Activity** The matters over which Council reserves its control:



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## **Schedule 2: Condition 5: General Industrial Zone 16.4.2 Built Form Standards**

## Chapter 16 Industrial

### 16.4 Rules - Industrial General Zone

#### 16.4.2 Built form standards - Industrial General Zone

- a. The following built form standards shall be met by all permitted activities and restricted discretionary activities RD2, RD3 and RD4 unless otherwise stated.

##### 16.4.2.1 Maximum height for buildings

- a. The maximum height of any building within 20 metres of a residential zone shall be 15 metres  
b. Any application arising from this rule shall not be publicly notified.

##### 16.4.2.2 Minimum building setback from road boundaries/ railway corridor

- a. The minimum building setback from a road boundary and a rail corridor boundary shall be as follows:

	Applicable to	Standard
i.	Any activity unless specified below	1.5 metres
ii.	Any activity fronting on to an arterial road or opposite a residential zone unless specified in (iii)	3 metres
iii.	Buildings, balconies and decks on sites adjacent to or abutting railway lines.	4 metres from the rail corridor boundary

- b. Any application arising from this rule (other than clause iii.) shall not be limited or publicly notified.  
c. Any application arising from clause iii. of this rule shall not be publicly notified and shall be limited notified only to KiwiRail (absent its written approval).

##### 16.4.2.3 Minimum building setback from the boundary with a residential zone

- a. The minimum building setback from the boundary with a residential zone shall be as follows:

	Applicable to:	Standard
i.	All buildings within sites which share a boundary with a residential zone	<p>a. 3 metres</p> <p>b. Clause (i) shall not apply to the Industrial General zone off Haytons Road.</p>

- b. Any application arising from this rule shall not be publicly notified.

##### 16.4.2.4 Sunlight and outlook at boundary with a residential zone and road

	Standard
a.	<p>i. Where an internal site boundary adjoins a residential zone, no part of any building shall project beyond a building envelope contained by a recession plane measured at any point 2.3 metres above the internal boundary in accordance with the relevant diagram in Appendix 16.8.11.</p> <p>ii. Clause (a) shall not apply to the Industrial General Zone off Haytons Road.</p>
b.	Where a site adjoins Blakes Road at East Belfast, no buildings shall project beyond a building envelope constructed by recession planes commencing at a point 8 metres above the road boundary with Blakes Road and climbing at an angle of 15 degrees until it reaches a line 50 metres back from and parallel to the road boundary with Blakes Road.

- c. Where sites are located within a Flood Management Area, recession plane breaches created by the need to raise floor levels shall not be publicly or limited notified.

- d. Any application arising from this rule shall not be publicly notified.

#### 16.4.2.5 Outdoor storage of materials

- a. Any outdoor storage areas shall:
- i. not be located within the minimum setbacks specified in Rule 16.4.2.2.
  - ii. be screened by landscaping, fencing or other screening to a minimum of 1.8 metres in height from any adjoining residential zone.
- b. Any application arising from this rule shall not be limited or publicly notified, except where the adjoining zone is residential.

#### 16.4.2.6 Landscaped areas

- a. Landscaping and trees shall be provided as follows:

	Standard
i.	<p>The road frontage of all sites opposite a residential zone or listed below shall have a landscaping strip with a minimum width of 1.5 metres, and minimum of 1 tree for every 10 metres of road frontage or part thereof.</p> <ol style="list-style-type: none"> <li>A. Sites adjoining Main North Road (SH1) between Dickeys Road and Factory Road;</li> <li>B. Sites adjoining Main South Road, between Barbers Road and Halswell Junction Road; and</li> <li>C. Sites adjoining Tunnel Road.</li> <li>D. This standard shall not apply to an emergency service facility or vehicle access to any site.</li> </ol>
ii.	<p>On sites adjoining a residential zone, trees shall be planted adjacent to the shared boundary at a ratio of at least 1 tree for every 10 metres of the boundary or part thereof.</p>
iii.	<p>All landscaping / trees required by these rules shall be in accordance with the provisions in Appendix 6.11.6 of Chapter 6.</p>

- b. Any application arising from clause i. of this rule shall not be limited or publicly notified.

Advice note:

1. Vegetation in close proximity to the electricity transmission network will need to be planted and managed in accordance with the Electricity (Hazards from Trees) Regulations 2003.
2. Stormwater facilities shall be incorporated into any development to achieve effective stormwater management and to protect groundwater. The stormwater facilities, which support multiple values such as stormwater retention, water quality treatment, biodiversity enhancement, Ngāi Tahu/mana whenua values and landscape amenity, should be incorporated into landscaped areas, where practicable, to achieve effective stormwater management and the protection of groundwater in an integrated manner. Stormwater treatment sites or treatment facilities should be separated from natural waterways with vegetated buffers to ensure stormwater is treated before it is discharged into natural waterways or natural wetlands.

#### 16.4.2.7 Visual amenity and screening

- a. Where a site adjoins an Open Space, Specific Purpose (School), Specific Purpose (Cemetery) or Specific Purpose (Tertiary Education) Zone, provision shall be made for landscaping, fence(s), wall(s) or a combination to at least 1.8 metres in height along the length of the zone boundary, excluding any road frontages. Where landscaping is provided, it shall be continuous and for a minimum depth of 1.5 metres along the zone boundary.
- b. Any application arising from this rule shall not be limited or publicly notified.

#### 16.4.2.8 Access to Industrial General Zone (Deans Avenue)

- a. Any activity in the Industrial General zone bound by Deans Avenue, Lester Lane and the railway line shall only have access from Lester Lane. In the event that Lester Lane is realigned, site access shall be solely from the realigned Lester Lane.
- b. Any application arising from this rule shall not be publicly notified.

#### 16.4.2.9 Water supply for fire fighting

- a. Provision for sufficient water supply and access to water supplies for firefighting shall be made available to all buildings via Council's urban reticulated system (where available) in accordance with the New Zealand Fire Service Firefighting Water Supplies Code of Practice (SNZ PAS: 4509:2008).
- b. Any application arising from this rule shall not be publicly notified and shall be limited notified only to New Zealand Fire Service Commission (absent its written approval).



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**Schedule 3: Condition 8: General Noise Rules 6.1.4 and Zone-Specific Noise Rules 6.1.5**

## Chapter 6 General Rules and Procedures

### 6.1 Noise

#### 6.1.4 General Noise Rules

##### 6.1.4.1 Measurement and assessment of noise

- a. Unless otherwise specified elsewhere in this [District Plan](#), noise shall be measured in accordance with NZS 6801:2008 “Acoustics – Measurement of environmental sound”, and assessed in accordance with NZS 6802:2008 “Acoustics-Environmental noise”, except that provisions in NZS 6802 referring to Special Audible Characteristics shall not be applied.
- b. The noise standards shall apply at any point within a site receiving noise from an activity, except where:
  - i. the [site boundary](#) is a [boundary](#) with a [site](#) in the Transport Zone outside the [Central City](#), in which case noise standards shall apply at or beyond the far boundary of the Transport Zone; or
  - ii. the [site boundary](#) is a [boundary](#) with a [site](#) in the Transport Zone, open space zone or any combination of these zones in the [Central City](#), in which case noise standards shall apply at or beyond the far boundary of the Transport or open space zone; or
  - iii. the standards specify otherwise.
- c. Where a [site](#) is divided by a zone boundary then each part of the [site](#) divided by the zone boundary shall be treated as a separate [site](#) for the purpose of these rules.

##### 6.1.4.2 Exempt activities

- a. The provisions in [Rule 6.1.5](#), and [Rule 6.1.6](#) do not apply to the following noise sources:
  - i. traffic noise generated within a Transport Zone;
  - ii. trains and crossing bells within a Transport Zone, within the area of the Scheduled Activity (Ferrymead Heritage Park), and including railway yards, [rail sidings](#) (excludes new sidings on private land) or stations, tramways, trams and tram crossing bells;
  - iii. sirens used during an [emergency](#);
  - iv. helicopters used for an [emergency](#) and as an air ambulance;
  - v. outside the [Central City](#), boating activities permitted under [Rule 18.8.1.1 P3](#);
  - vi. outside the [Central City](#), normal [farming](#) practices undertaken for a limited duration, and using equipment which is mobile during its normal use. This includes activities such as harvesting, but does not include the use of helicopters, bird-scaring devices, frost control fans or irrigation pumps (for these activities refer to [Rule 6.1.6.2.4](#)). Motorbikes and chainsaws are only exempt when being used as part of normal [farming](#) activity;
  - vii. spontaneous social activities and children’s play (but not including [preschools](#));
  - viii. the use of generators and mobile equipment (including vehicles) for [emergency](#) purposes, including testing and maintenance not exceeding 48 hours in duration, where they are operated by emergency services or lifeline [utilities](#); and
  - ix. the use of mobile generators by lifeline [utilities](#) for planned electricity supply interruption not exceeding 48 hours in duration; and
  - x. activities at [emergency service facilities](#) associated with [emergency](#) response and [emergency](#) response training.
- b. Any noise received in the [Open Space Natural Zone](#) from activities in the [adjoining](#) Specific Purpose (Burwood Landfill and Resource Recovery Park) is not subject to noise limits for the open space zone under [Rule 6.1.5.1](#). All other provisions apply to activities within the zone.

Advice note:

1. Although these noise sources are exempted from meeting the rules, any potential and actual adverse effects shall be considered for any discretionary or non-complying activity.
2. While not exempt from the noise provisions, broadband reversing alarms are encouraged in preference to tonal models.

##### 6.1.4.3 Duration of resource consents for activities operating after 23:00 hours in Category 3 Precincts in Central City Mixed Use Zones

- a. In the Central City Mixed Use Zone and Central City Mixed Use Zone (South Frame), any resource consent granted under [Rule 6.1.5](#) for activities operating after 23:00 hours in Category 3 Precincts shall be limited in duration to 7 years. For the avoidance of doubt, further resource consent/s for an additional 7 year term, or shorter duration, can be sought.

## Chapter 6 General Rules and Procedures

### 6.1 Noise

#### 6.1.5 Zone Specific Noise Rules

- a. Rule 6.1.5 does not apply to activities for which activity specific rules are specified in [Rule 6.1.6](#) (unless otherwise specified in [Rule 6.1.6](#)).

##### 6.1.5.1 Activity status tables

###### 6.1.5.1.1 Permitted activities

- a. The activities listed below are permitted activities if they meet the activity specific standards set out in the following table.
- b. Activities may also be controlled, restricted discretionary, discretionary, non-complying or prohibited as specified in [Rules 6.1.5.1.2, 6.1.5.1.3, 6.1.5.1.4, 6.1.5.1.5 and 6.1.5.1.6](#).

	Activity	Activity specific standards
P1	Outside the <a href="#">Central City</a> , any activity that generates noise and which is not exempt by <a href="#">Rule 6.1.4.2</a> or specified in <a href="#">Rule 6.1.5.1.1 P2</a> below.	a. Any activity that generates noise shall meet the Zone noise limits outside the <a href="#">Central City</a> in <a href="#">Rule 6.1.5.2.1</a> .
P2	Outside the <a href="#">Central City</a> , people in outdoor areas of premises licensed for the sale, supply, and/or consumption of alcohol, in all <a href="#">commercial zones</a> .	a. No noise standard applies. b. The activity shall only occur between 07:00 hours and 22:00 hours. c. The maximum size of the outdoor area shall be 50m <sup>2</sup> . d. The outdoor area shall be setback at least 10 metres from the <a href="#">boundary</a> of any <a href="#">site</a> in a residential zone.
P3	In the <a href="#">Central City</a> , any activity that generates noise and which is not exempt by <a href="#">Rule 6.1.4.2</a> .	a. Any activity that generates noise shall meet the Noise limits in the <a href="#">Central City</a> in <a href="#">Rule 6.1.5.2.2</a> .

###### 6.1.5.1.2 Controlled activities

There are no controlled activities.

###### 6.1.5.1.3 Restricted discretionary activities

- a. The activities listed below are restricted discretionary activities.
- b. Discretion to grant or decline consent and impose conditions is restricted to the matters of discretion set out in [Rule 6.1.8](#), as set out in the following table.

Activity	The <a href="#">Council's</a> discretion shall be limited to the following matters:
RD1 Any activity listed in <a href="#">Rule 6.1.5.1.1 P1</a> or <a href="#">P3</a> that exceeds the noise limits in the activity specific standards by 10 dB or less.	a. Matters of discretion - <a href="#">Rule 6.1.8</a>

###### 6.1.5.1.4 Discretionary activities

a. The activities listed below are discretionary activities.

Activity	
<b>D1</b>	Any activity listed in Rule 6.1.5.1.1 P2 that does not meet one or more of the activity specific standards.
<b>D2</b>	Any activity not provided for as a permitted, restricted discretionary or non-complying activity.

#### 6.1.5.1.5 Non-complying activities

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

Activity	
<b>NC1</b>	Any activity listed in Rule 6.1.5.1.1 P1 or P3 that exceeds the noise limits in the activity specific standards by more than 10 dB.

#### 6.1.5.1.6 Prohibited activities

There are no prohibited activities.

### 6.1.5.2 Noise Standards

#### 6.1.5.2.1 Zone noise limits outside the Central City

a. Outside the Central City, any activity that generates noise shall meet the Zone noise limits in Table 1 below at any site receiving noise from that activity, as relevant to the zone of the site receiving the noise.

Table 1: Zone noise limits outside the Central City

Zone of site receiving noise from the activity	Time (hrs)	Noise Limit (dB)	
		L <sub>AEq</sub>	L <sub>Amax</sub>
a. All residential zones (other than in the Accommodation and Community Facilities Overlay)	07:00-22:00	50	n/a
b. All rural zones, except Rural Quarry Zone, assessed at any point within a notional boundary	22:00-07:00	40	65
c. Specific Purpose (Flat Land Recovery) and Specific Purpose (Ōtākaro Avon River Corridor) Zones			
d. Papakāinga/Kāinga Nohoanga Zone			
e. Within medium and high density zoned areas within the Industrial Interface overlay, any parts of new residential units exceeding 8m in height above ground level (except residential units exceeding 8m in height above ground level existing at 12 December 2024 a. above applies instead).	07:00-22:00	60	n/a
	22:00-07:00	50	75
f. All commercial zones g. All open space zones h. All rural zones, except Rural Quarry Zone, assessed at the site boundary i. Accommodation and Community Facilities Overlay j. All industrial park zones (excluding Awatea and Memorial Avenue) k. Industrial Office Zone l. Specific Purpose (Cemetery, Schools, Tertiary Education, Golf Resort, Defence Wigram and Hospital) Zones	07:00-22:00	55	n/a
	22:00-07:00	45	70
m. Industrial General Zone	07:00-22:00	70	n/a
Except that noise levels shall not exceed 50 dB L <sub>AEq</sub> /75 dB L <sub>Amax</sub> at any residential unit lawfully established prior to 6 March 2017 during the hours of 22:00 to 07:00	22:00-07:00	70	n/a
n. Industrial Park Zones - (Awatea and Memorial Avenue)	07:00-22:00	60	n/a
	22:00-07:00	60	n/a
Except that noise levels shall not exceed 50 dB L <sub>AEq</sub> /75 dB L <sub>Amax</sub> at any residential unit lawfully established prior to 6 March 2017 during the hours of 22:00 to 07:00			

Zone of <b>site</b> receiving noise from the activity	Time (hrs)	Noise Limit (dB)	
<p>o. Industrial Heavy Zone</p> <p>Except that noise levels shall not exceed 50 dB <math>L_{Aeq}</math> /75 dB <math>L_{Amax}</math> at any residential unit lawfully established prior to 6 March 2017 during the hours of 22:00 to 07:00.</p>	07:00-22:00	75	n/a
	22:00-07:00	75	n/a
<p>p. Rural Quarry Zone</p> <p>q. Specific Purpose (Styx Mill Road Transfer Station)</p> <p>r. Specific Purpose (Burwood Landfill and Resource Recovery Park) Zone</p> <p>Except that noise levels shall not exceed 50 dB <math>L_{Aeq}</math> /75 dB <math>L_{Amax}</math> at any residential unit lawfully established prior to 6 March 2017 during the hours of 22:00 to 07:00.</p>	07:00-22:00	65	n/a
	22:00-07:00	65	n/a

#### 6.1.5.2.2 Noise limits in the Central City

- a. In the **Central City**, any activity that generates noise shall meet the Noise standards in Table 2 below at any **site** receiving noise from that activity, as relevant to the Category of Precinct in which the site receiving the noise is located (as shown on the Central City Entertainment and Hospitality Precinct Overlay Planning Map).

Table 2: Noise standards for each Category

Category of Precinct in which the site receiving noise is located		Applicable to:	Time (hrs)	Noise Limit		Exemptions
				L <sub>AEq</sub>	L <sub>Amax</sub>	
a.	Category 1: Higher noise level entertainment and hospitality precincts.	Activities other than discrete outdoor entertainment events	07:00-03:00	60	85	This shall not include noise from people in outdoor areas of premises licensed for the sale, supply and/or consumption of alcohol that meet the specified outdoor area setback required by <a href="#">Rule 6.1.6.2.10</a> .
			03:00-07:00	60	75	
		Discrete outdoor entertainment events	07:00-22:00	65	85	
			22:00-07:00	65	85	
b.	Category 2: Lower noise level entertainment and hospitality precincts.	All except Victoria Street area	07:00-01:00	60	85	This shall not include noise from people in outdoor areas of premises licensed for the sale, supply and/or consumption of alcohol that meet the specified outdoor area setback required by <a href="#">Rule 6.1.6.2.10</a> , between 07:00 hours and 23:00 hours for the Victoria Street area and between 07:00 hours and 01:00 hours for the remainder of Category 2.
			01:00-07:00	50	75	
		Victoria Street area	07:00-23:00	55	85	
			23:00-07:00	50	75	
c.	Category 3: All Central City areas other than Category 1 and 2 entertainment and hospitality precincts.	All activities	07:00-23:00	55	85	This shall not include noise from people in outdoor areas of premises licensed for the sale, supply and/or consumption of alcohol up to a maximum size of 50m <sup>2</sup> , in all Category 3 Zones except High Density Residential Zone, between 07:00 hours and 23:00 hours.
		All activities	23:00-07:00	45	75	

Advice notes:

1. The map of the three categories is shown in the Central City Entertainment and Hospitality Precinct Overlay Planning Map.
2. Compliance with the noise limits in Table 2 relating to entertainment and hospitality activities may require assessment of the ability of individual site design and building construction to attenuate noise to the required level, e.g. noise lobbies, "sound ceilings" or other means, or certification by an experienced acoustic consultant.



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**Schedule 4: Condition 9: Glare Rules 6.3.4.1 Permitted activities Control of Glare**

# Table of Contents

Chapter 6 General Rules and Procedures	1
6.3 Outdoor Lighting	1
6.3.4 Rules - Activity status tables - Control of glare	1
6.3.4.1 Permitted activities	1

## Chapter 6 General Rules and Procedures

### 6.3 Outdoor Lighting

#### 6.3.4 Rules - Activity status tables - Control of glare

##### 6.3.4.1 Permitted activities

- a. The activities listed below are permitted activities if they meet the activity specific standards set out in the following table and the activity specific standards in [Rule 6.3.5 Control of Light Spill](#).
- b. Activities may also be controlled, restricted discretionary, discretionary, non-complying or prohibited as specified in [Rules 6.3.4.2, 6.3.4.3, 6.3.4.4, 6.3.4.5 and 6.3.4.6](#).

Activity		Activity specific standards
<b>P1</b>	Any activity involving artificial outdoor lighting, other than activities specified in <a href="#">Rule 6.3.4.5 NC1 or NC2</a> .	<ol style="list-style-type: none"> <li>a. All fixed exterior lighting shall, as far as practicable, be aimed, adjusted and/or screened to direct lighting away from the <a href="#">windows of habitable spaces of sensitive activities</a>, other than <a href="#">residential units</a> located in industrial zones, so that the obtrusive effects of glare on occupants are minimised.</li> <li>b. Artificial outdoor lighting shall not result in a greater than 2.5 lux spill (horizontal or vertical) into any part of a <a href="#">major arterial road</a> or <a href="#">minor arterial road</a> or arterial route identified in <a href="#">Appendix 7.5.12</a> where this would cause driver distraction.</li> </ol> <p>Advice note:</p> <ol style="list-style-type: none"> <li>1. See <a href="#">Appendix 6.11.13</a> for guidance on lighting design to reduce light spill and glare.</li> </ol>



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**Schedule 5: Condition 11: Light Spill 6.3.5.1 Permitted Activities Control of Light Spill and 6.3.6 Light Spill Standards by Zone**

## Chapter 6 General Rules and Procedures

### 6.3 Outdoor Lighting

#### 6.3.5 Rules - Activity status tables - Control of Light Spill

##### 6.3.5.1 Permitted activities

- a. The activities listed below are permitted activities if they meet the activity specific standards set out in the following table and the activity specific standards in [Rule 6.3.4 Control of Glare](#).
- b. Activities may also be controlled, restricted discretionary, discretionary, non-complying or prohibited as specified in [Rules 6.3.5.2, 6.3.5.3, 6.3.5.4, 6.3.5.5 and 6.3.5.6](#).

Activity		Activity specific standards
<b>P1</b>	Any activity involving outdoor artificial lighting except as specified in <a href="#">Rule 18.4.1.1 P26</a> .	<p>a. Any outdoor artificial lighting shall comply:</p> <ol style="list-style-type: none"> <li>i. with the light spill standards in <a href="#">Rule 6.3.6</a> as relevant to the zone in which it is located, and;</li> <li>ii. where the light from an activity spills onto another site in a zone with a more restrictive standard, the more restrictive standard shall apply to any light spill received at that site.</li> </ol> <p>Advice note:</p> <ol style="list-style-type: none"> <li>1. See <a href="#">Appendix 6.11.13</a> for guidance on lighting design to reduce light spill and glare.</li> </ol>

##### 6.3.5.2 Controlled activities

There are no controlled activities.

##### 6.3.5.3 Restricted discretionary activities

- a. The activities listed below are restricted discretionary activities.
- b. Discretion to grant or decline consent and impose conditions is restricted to the matters of discretion set out in [Rule 6.3.7](#), as set out in the following table.

Activity		The Council's discretion shall be limited to the following matters:
<b>RD1</b>	Any activity listed in <a href="#">Rule 6.3.5.1 P1</a> that does not meet the activity specific standard.	<p>a. Amenity - <a href="#">Rule 6.3.7.1</a></p>

##### 6.3.5.4 Discretionary activities

There are no discretionary activities.

##### 6.3.5.5 Non-complying activities

There are no non-complying activities.

##### 6.3.5.6 Prohibited activities

There are no prohibited activities.

## Chapter 6 General Rules and Procedures

### 6.3 Outdoor Lighting

#### 6.3.6 Rules - Light Spill Standards by Zone

- a. The added horizontal or vertical illuminance from the use of artificial outdoor lighting must not exceed the limits in the following table of light spill standards by zone, when measured or calculated 2 metres within the **boundary** of any adjacent **site**.
- b. Where a **site** is divided by a zone boundary, each part of the **site** shall be treated as a separate **site** for the purpose of the standards contained in the following table of light spill standards by zone.

Table 6.3.6.1: Light Spill Standards by Zone

Zone or scheduled activity		Permitted lux spill (horizontal and vertical)
i.	Open Space Coastal Zone	4.0
ii.	City Centre Zone	20.0
iii.	Commercial zones, all other	10.0
iv.	Residential Visitor Accommodation Zone	5.0
v.	Industrial Park Zone; Industrial General Zone	10.0
vi.	Industrial zones, all other	20.0
vii.	Open Space Community Parks Zone; Open Space Natural Zone; Open Space Water and Margins Zone and Avon River Precinct/Te Papa Ōtākaro Zone	4.0
viii.	Open Space zones, all other	10.0
ix.	Papakāinga / Kāinga Nohoanga Zone	4.0
x.	Residential zones, all other	4.0
xi.	Rural Quarry Zone	10.0
xii.	Rural zones, all other	10.0
xiii.	Scheduled activities (taverns; service stations)	10.0
xiv.	Scheduled activities, all other	4.0
xv.	Specific Purpose (Cemetery) Zone; Specific Purpose (Hospital) Zone other than Christchurch Hospital; Specific Purpose (School) Zone; Specific Purpose (Tertiary Education) Zone; Specific Purpose (Flat Land Recovery) Zone; Specific Purpose (Ōtākaro Avon River Corridor) Zone	4.0

Zone or scheduled activity	Permitted lux spill (horizontal and vertical)
xvi. Specific Purpose (Hospital) Zone - Christchurch Hospital; Specific Purpose (Golf Resort) Zone; Specific Purpose (Ruapuna Motorsport) Zone; Specific Purpose (Styx Mill Road Transfer Station) Zone; Specific Purpose (Defence Wigram) Zone	10.0
xvii. Specific Purpose (Airport) Zone	20.0
xviii. Transport Zone  Advice note:  1. Exemptions from this standard can be found in <a href="#">6.3.3</a> .	Activities in the Transport Zone must meet the standards for the zones in which the adjacent <a href="#">sites</a> are located.



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## **Schedule 6: Condition 13: Aircraft Protection Permitted Activity Rules 6.7.4**

- i. 6.7.4.1.1 Protection Surfaces,**
- ii. 6.7.4.2.1 Runway End Protection Surfaces,**
- iii. 6.7.4.3.1 Bird Strike Management Areas, and**
- iv. 6.7.4.4 Protection Surfaces for Christchurch International Airport**

## Chapter 6 General Rules and Procedures

### 6.7 Aircraft Protection

#### 6.7.4 Rules - Christchurch International Airport

##### 6.7.4.1 Activity status tables - Protection Surfaces

###### 6.7.4.1.1 Permitted activities

- a. Within the areas covered by Christchurch International Airport's Protection Surfaces as specified in Rule 6.7.4.4 and shown on the diagrams in Appendix 6.11.7.1 and 6.11.7.2, the activities listed below are permitted activities.
- b. Activities may be controlled, restricted discretionary, discretionary, non-complying or prohibited as specified in Rules 6.7.4.1.2, 6.7.4.1.3, 6.7.4.1.4, 6.7.4.1.5 and 6.7.4.1.6.

Activity		Activity Specific Standards
P1	Any activity not specifically provided for as a restricted discretionary or prohibited activity in Rules 6.7.4.1.3 or 6.7.4.1.6.	Nil

###### 6.7.4.1.2 Controlled activities

There are no controlled activities.

###### 6.7.4.1.3 Restricted discretionary activities

- a. Within the areas covered by Christchurch International Airport's Protection Surfaces as specified in Rule 6.7.4.4 and shown on the diagrams in Appendix 6.11.7.1 and 6.11.7.2, the activities listed below are restricted discretionary activities.
- b. Discretion to grant or decline consent and impose conditions is restricted to the matters of discretion set out in the following table.

Activity		The Council's discretion shall be limited to the following matters
RD1	<ol style="list-style-type: none"> <li>a. Any alteration, relocation or replacement of a tower of a National Grid transmission line existing on 14 January 2010 that penetrates the Protection Surfaces.</li> <li>b. Any application arising from this rule shall not be publicly notified or shall be limited notified only to Christchurch International Airport Limited and the Director of the Civil Aviation Authority (absent their written approval).</li> </ol>	<ol style="list-style-type: none"> <li>a. The extent to which any adverse effects on navigable airspace, representing a hazard to the safety or regularity of aircraft operations, are avoided or mitigated.</li> <li>b. The adequacy of consideration of possible alternatives.</li> </ol>

###### 6.7.4.1.4 Discretionary activities

There are no discretionary activities.

###### 6.7.4.1.5 Non-complying activities

There are no non-complying activities.

### 6.7.4.1.6 Prohibited activities

- a. Within the areas covered by Christchurch International Airport's Protection Surfaces as specified in [Rule 6.7.4.4](#) and shown on the diagrams in [Appendix 6.11.7.1](#) and [6.11.7.2](#), the activities listed below are prohibited activities.

Activity	
PR1	<p>Any part of a <b>building</b>, structure, tree or <b>utility</b> that penetrates the Protection Surfaces (other than provided for by <a href="#">Rule 6.7.4.1.3 RD1</a>), except for:</p> <ul style="list-style-type: none"> <li>a. <b>navigational aids</b> for aircraft; and</li> <li>b. maintenance or repair works on any existing <b>building</b>, structure or <b>utility</b>, including minor upgrading of existing <b>support structures</b> for <b>transmission lines</b> or <b>electricity distribution lines</b> where this does not increase the <b>height</b> or external envelope of the <b>utility</b>.</li> </ul>

## Chapter 6 General Rules and Procedures

### 6.7 Aircraft Protection

#### 6.7.4 Rules - Christchurch International Airport

##### 6.7.4.2 Activity status tables - Runway End Protection Areas

###### 6.7.4.2.1 Permitted activities

- a. Within the Runway End Protection Areas (REPAs) as shown in Appendix 6.11.7.3, the activities listed below are permitted activities.
- b. Activities may be controlled, restricted discretionary, discretionary, non-complying or prohibited as specified in Rules 6.7.4.2.2, 6.7.4.2.3, 6.7.4.2.4, 6.7.4.2.5 and 6.7.4.2.6.

Activity		Activity specific standards
P1	Any activity not specifically provided for as a prohibited activity in Rule 6.7.4.2.6.	Nil

###### 6.7.4.2.2 Controlled activities

There are no controlled activities.

###### 6.7.4.2.3 Restricted discretionary activities

There are no restricted discretionary activities.

###### 6.7.4.2.4 Discretionary activities

There are no discretionary activities.

###### 6.7.4.2.5 Non-complying activities

There are no non-complying activities.

###### 6.7.4.2.6 Prohibited activities

- a. Within the Runway End Protection Areas (REPAs) as shown in Appendix 6.11.7.3, the activities listed below are prohibited activities.

Activity	
PR1	<p>Any <b>building</b> or <b>utility</b>, excluding:</p> <ul style="list-style-type: none"> <li>a. <b>navigational aids</b> for aircraft;</li> <li>b. structures associated with upgrades for State Highway 1;</li> <li>c. maintenance or repair works on any existing <b>building</b> or <b>utility</b>;</li> <li>d. enclosed walkways associated with vehicle <b>parking areas</b> which are no greater than 2.4 metres in <b>height</b> and 1.8 metres in width; and</li> <li>e. the establishment or replacement of any underground <b>utility</b>.</li> </ul>
PR2	<p><b>Mass assembly of people</b>.</p>
PR3	<p>The use or storage of <b>hazardous substances</b> in fuel storage facilities or for other industrial or commercial operations.</p>
PR4	<p>Production of direct light beams or reflective glare that could interfere with the vision of a pilot excluding:</p> <ul style="list-style-type: none"> <li>a. normal operational reflection from glass and mirrors used in motor vehicles; and</li> <li>b. normal operational light from motor vehicles.</li> </ul> <p>Advice note:</p> <ol style="list-style-type: none"> <li>1. Refer also to <a href="#">Rule 6.3.4.5</a> with regard to rules applying to outdoor lighting within 500 metres of the threshold of a runway at Christchurch International Airport.</li> </ol>

## Chapter 6 General Rules and Procedures

### 6.7 Aircraft Protection

#### 6.7.4 Rules - Christchurch International Airport

##### 6.7.4.3 Activity status tables - Birdstrike Management Areas

###### 6.7.4.3.1 Permitted activities

- a. In the Birdstrike Management Area (within 3 km of the thresholds of the runways at Christchurch International Airport) as shown in [Appendix 6.11.7.5](#), the activities listed below are permitted activities if they meet the activity specific standards set out in the following table.
- b. Activities may be controlled, restricted discretionary, discretionary, non-complying or prohibited as specified in Rules [6.7.4.3.2](#), [6.7.4.3.3](#), [6.7.4.3.4](#), [6.7.4.3.5](#), and [6.7.4.3.6](#).

Activity		Activity specific standards
P1	Any activity not specifically provided for as a permitted, controlled, restricted discretionary or discretionary activity in Rules <a href="#">6.7.4.3.1</a> - <a href="#">6.7.4.3.6</a> .	Nil
P2	Fish processing or packing plants, abattoirs or freezing works.	<ol style="list-style-type: none"> <li>a. Storage, processing and disposal of all organic material takes place within enclosed <a href="#">buildings</a>.</li> <li>b. There is no disposal of effluent onto land associated with the plant or works.</li> </ol>
P3	<p>Creation of a new:</p> <ol style="list-style-type: none"> <li>a. stormwater basin; or</li> <li>b. <a href="#">water body</a> (including wastewater oxidation pond) which exceeds 500m<sup>2</sup> in area.</li> </ol> <p>Except that This rule does not apply to any area of a <a href="#">water body</a> covered by an aviary/s.</p>	<ol style="list-style-type: none"> <li>a. The combined area of all stormwater basins and/or <a href="#">water bodies</a>, that are wholly or partly within 0.5km of the proposed <a href="#">water body</a> or stormwater basin's edge, shall not exceed 1000m<sup>2</sup>.</li> <li>b. Any stormwater basin has been designed by a suitably qualified person, with experience in stormwater management systems, to the following standards: <ol style="list-style-type: none"> <li>i. Stormwater infiltration basins shall be designed to fully drain within 48 hours of the cessation of a 2% AEP storm event;</li> <li>ii. Sufficient rapid soakage overflow capacity shall be provided to minimise any ponding of stormwater outside the infiltration area(s); and</li> <li>iii. Plant species used shall be limited to those listed in <a href="#">Appendix 6.11.9</a>.</li> </ol> </li> <li>c. Any <a href="#">water body</a> has been designed by a suitably qualified person, with experience in stormwater management systems, to the following standards: <ol style="list-style-type: none"> <li>i. Side slopes shall be at least as steep as 1H:4V except for: <ol style="list-style-type: none"> <li>A. any side slope treated with rock armouring; or</li> <li>B. any area required for vehicle access, provided that such access has a gradient of at least 8H:1V:</li> </ol> </li> <li>ii. No permanent island features shall be included, that could provide perching sites for birds; and</li> <li>iii. Plant species used shall be limited to those listed in <a href="#">Appendix 6.11.9</a>.</li> </ol> </li> </ol>

### 6.7.4.3.2 Controlled activities

- a. In the Birdstrike Management Area (within 3 km of the thresholds of the runways at Christchurch International Airport) as shown in [Appendix 6.11.7.5](#), the activities listed below are controlled activities.

Activity		The matters over which Council reserves its control:
C1	<p>a. Any activity listed in <a href="#">Rule 6.7.4.3.1 P2</a> that does not meet one or more of the activity specific standards.</p> <p>b. Applications must be accompanied by a <b>birdstrike</b> risk assessment from a qualified and experienced ornithologist, and that assessment must include recommendations for appropriate conditions for mitigation of <b>birdstrike</b> risk.</p>	<p>a. Mitigation of <b>birdstrike</b> risk, including by design measures and operation or management procedures.</p>

### 6.7.4.3.3 Restricted discretionary activities

- a. In the Birdstrike Management Area (within 3 km of the thresholds of the runways at Christchurch International Airport) as shown in [Appendix 6.11.7.5](#), the activities listed below are restricted discretionary activities.
- b. Discretion to grant or decline consent and impose conditions is restricted to the matters of discretion, as set out in the following table.

Activity		The Council's discretion shall be limited to the following matters
RD1	Any activity listed in <a href="#">Rule 6.7.4.3.2 C1</a> , where the application is not accompanied by the required <b>birdstrike</b> risk assessment.	<p>a. Scale and significance of <b>birdstrike</b> risk likely to be created at the location proposed.</p> <p>b. Mitigation of <b>birdstrike</b> risk including by design measures, operation or management procedures, direct intervention practices and monitoring</p>
RD2	Any activity listed in <a href="#">Rule 6.7.4.3.1 P3</a> that does not meet one or more of the activity specific standards.	

### 6.7.4.3.4 Discretionary activities

- a. The activities listed below are discretionary activities.

Activity	
D1	New landfills, excluding cleanfills, within <b>Christchurch District</b> excluding <b>Banks Peninsula Ward</b> (as shown in <a href="#">Appendix 2.1</a> ).

### 6.7.4.3.5 Non-complying activities

There are no non-complying activities.

### 6.7.4.3.6 Prohibited activities

There are no prohibited activities.

## Chapter 6 General Rules and Procedures

### 6.7 Aircraft Protection

#### 6.7.4 Rules - Christchurch International Airport

##### 6.7.4.4 Protection Surfaces for Christchurch International Airport

a. General explanation

- i. The environs of Christchurch International Airport are protected by a series of protection surfaces - defined surfaces in the airspace above and adjacent to the aerodrome (see Figure 6.7.1 below and [Appendix 6.11.7.1](#) and [6.11.7.2](#)).
- ii. These protection surfaces are necessary to enable aircraft to maintain a satisfactory level of safety while manoeuvring at low altitude in the vicinity of the aerodrome.
- iii. These surfaces are in accordance with the [Civil Aviation Authority of New Zealand Rule Part 139 Appendix E](#) with surface dimensions as noted in [Advisory Circular 139-6 \(AC 139-6\)](#).

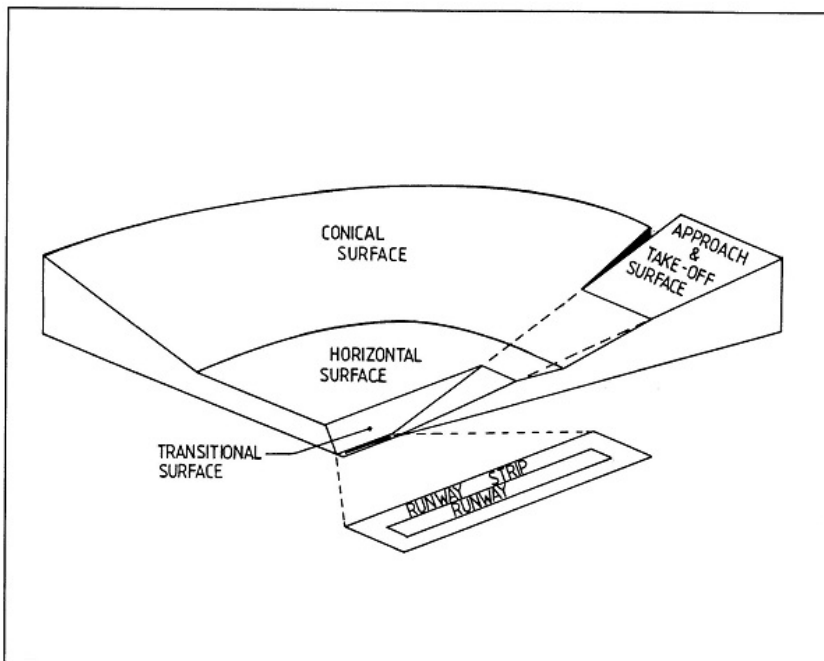


Figure 6.7.1: Illustration of categories of airport protection surfaces. From Civil Aviation Authority Advisory Circular Aerodrome Design AC139-6 Revision 4 (2011) p.55.

b. Horizontal surface for Christchurch International Airport

- i. The horizontal surface consists of a surface located in a horizontal plane above the aerodrome and its environs and having its outer limits at a locus of 4000 metres measured from the periphery of the runway strip.
- ii. The inner horizontal surface is located 83 metres AMSL (45 metres above the aerodrome elevation datum (RL 38.00 AMSL)).

c. Conical surface for Christchurch International Airport

- i. The conical surface is a surface sloping upwards and outwards from the periphery of the horizontal surface.
- ii. The lower edge is coincident with the periphery of the horizontal surface and rises upwards and outwards at a gradient of 1:20 to an elevation of 150 metres above the aerodrome datum level (RL 38.00 AMSL).
- iii. The slope is measured in a vertical plane perpendicular to the periphery of the horizontal surface i.e. 5%.

d. Approach surfaces for Christchurch International Airport

- i. Each runway has an inclined approach surface. The approach path is located within a defined area called the approach fan.
- ii. The origin of the approach fan is an inclined plane originating at the end of the strip. The coordinates of the centre-line of the strip are shown in [Appendix 6.11.7.1](#).

- iii. The fan is essentially a truncated triangle with a cut-off apex line called the inner edge. The width of this inner edge is 300 metres.
- iv. The expanding sides of the approach fan diverge at a constant rate of 1:6.6 (15%, 8° 31' 51") related to the distance from the end of the strip, and extend to a distance of 15,000 metres from the origin except that at any point on the Port Hills where the distance between the ground and the protection surface is less than 10m, the protection surface will be assumed to be at 10 metres.
- v. The elevation of the inner edge of the approach fan is equal to the elevation of the midpoint of the threshold.
- vi. The slope of the approach surface is 1:50 (2%, 1° 8' 45") and is measured in the vertical plane containing the centre line of the runway.

e. Transitional surfaces for Christchurch International Airport

- i. Transitional surfaces originate along the side of the strip and part of the side of the approach surface that slopes upwards and outwards to the horizontal surface.
- ii. From the sides of the strip and the approach surfaces, the transitional surfaces slope upwards and outwards at a gradient of 1:7, extending until they reach the horizontal surface.

f. Take-off surfaces for Christchurch International Airport

- i. Each runway has a take-off surface. The take-off path is located within a defined area called the take-off fan which originates from the end of the runway strip.
- ii. The take-off fan is essentially a truncated triangle with the cut-off apex line called the inner edge. The width of this inner edge is 180 metres. The distance from the inner edge to the runway ends is:

Runway end 02 (north)	432 metres
Runway end 11 (east)	60 metres
Runway end 20 (south)	60 metres
Runway end 29 (west)	300 metres

- iii. The expanding sides of the take-off fan diverge at a constant rate of 1:8 (12.5%, 7° 07' 30") related to the distance from the origin. It expands to a maximum width of 1,200 metres and then the sides remain parallel for a distance of 15,000 metres except that at any point on the Port Hills where the distance between the ground and the protection surface is less than 10 metres, the protection surface will be assumed to be at 10 metres.
- iv. The elevation of the inner edge of the take-off fan is equal to the elevation of the midpoint of the threshold.
- v. The slope of the take-off climb is 1:62.5 (1.6%) and is measured in the vertical plane containing the centre line of the runway.



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**Schedule 7: Condition 14: Sign Rules 6.8.4**

## Chapter 6 General Rules and Procedures

### 6.8 Signs

#### 6.8.4 Rules

##### 6.8.4.1 Activity status tables

##### 6.8.4.1.1 Permitted activities

- a. The activities listed below are permitted activities if they meet the activity specific standards set out in the following table.
- b. Activities may also be controlled, restricted discretionary, discretionary, non-complying or prohibited as specified in Rules 6.8.4.1.2, 6.8.4.1.3, 6.8.4.1.4, 6.8.4.1.5 and 6.8.4.1.6 below.

	Activity	Activity specific standards
P1	Any sign not specifically provided for as a permitted, controlled, restricted discretionary, discretionary or non-complying activity.	a. Relevant built form standards in <a href="#">Rule 6.8.4.2</a>
P2	All signs permitted by Council bylaws, NZTA regulations and standards, and all signs mandated under other legislation or regulation including the NESETA, as per Advice note 1 below table other than signs provided for in 6.8.4.1.1 P18.	a. Relevant built form standards in <a href="#">Rule 6.8.4.2</a> , except that where the standards in <a href="#">Rule 6.8.4.2</a> conflict with Council bylaws, NZTA regulations and standards, and other regulation or legislation, the regulations and standards in the Council bylaws, NZTA regulations and standards, and other regulation or legislation shall prevail.
P3	Temporary signs advertising the following not for profit events: <ul style="list-style-type: none"> <li>a. community gatherings;</li> <li>b. celebrations;</li> <li>c. non-motorised sports; and</li> <li>d. performances.</li> </ul>	<ul style="list-style-type: none"> <li>a. Signs shall be erected no more than 4 weeks before the first day of the event.</li> <li>b. Signs shall be removed within one week of the event ending.</li> <li>c. Where the sign is in a residential zone, it shall be the only sign on the site on which it is located.</li> <li>d. Signs shall display the name and contact details of the person who erected the sign, and the date the sign was erected on the site.</li> <li>e. Relevant built form standards in <a href="#">Rule 6.8.4.2.2</a>.</li> </ul>
P4	Any sign on private land, which is not visible from a publicly accessible space or a residential, open space or transport zone.	Nil
P5	Temporary signs, or other notices, for the purposes of providing information necessary to the public about any rebuilding or recovery work occurring on, or otherwise affecting, that site.	<ul style="list-style-type: none"> <li>a. Temporary signs or notices shall be removed within one month of completion of the project.</li> <li>b. Relevant built form standards in <a href="#">Rule 6.8.4.2.2</a>.</li> </ul>
P6	Temporary signs advertising real estate or development projects.	<ul style="list-style-type: none"> <li>a. Signs may be erected for the duration of the activity, but shall be removed immediately after completion of sale or completion of the development project.</li> <li>b. In residential zones, the maximum area of signage on a site shall not exceed 3m<sup>2</sup>.</li> <li>c. The built form standards in <a href="#">Rule 6.8.4.2.2</a>.</li> </ul>
P7	Business and building identification signs made of three dimensional letters and/or symbols in: <ul style="list-style-type: none"> <li>a. residential zones (other than the Residential Visitor Accommodation Zone or where located within a Character Area Overlay);</li> <li>b. the Papakāinga / Kāinga Nohoanga Zone;</li> <li>c. all open space and rural zones;</li> <li>d. the Specific Purpose (School) Zone; and</li> <li>e. the Specific Purpose (Ōtākaro Avon River Corridor) Zone.</li> </ul>	<ul style="list-style-type: none"> <li>a. The maximum symbol/lettering height shall be 200mm.</li> <li>b. No more than 30 letters and/or symbols shall be displayed on each building frontage.</li> <li>c. Letters and/or symbols shall be applied with no visible mounting structure.</li> <li>d. The background shall not be differentiated from the fabric and colour of the rest of the façade.</li> <li>e. Signs shall not extend above façade height.</li> </ul> <p>Advice note:</p> <ol style="list-style-type: none"> <li>1. Where any one or more of the activity specific standards a. - e. above are not met, <a href="#">Rule 6.8.4.1.1 P1</a> shall apply.</li> </ol>
P8	Business and building identification signs made of three dimensional letters and/or symbols in:	<ul style="list-style-type: none"> <li>a. Letters and symbols shall not exceed a height of 500mm.</li> <li>b. No more than 30 letters and/or symbols shall be displayed on each building frontage.</li> </ul>

	Activity	Activity specific standards
	<ul style="list-style-type: none"> <li>a. the Residential Visitor Accommodation Zone,</li> <li>b. all commercial zones other than:               <ul style="list-style-type: none"> <li>i. the Town or Local Centre Zone in a Key Activity Centre where the maximum building height is 20 metres;</li> <li>ii. the Commercial Banks Peninsula Zone in Akaroa;</li> <li>iii. the Commercial Large Format Retail Zone; and</li> <li>iv. the City Centre Zone where the signage is displayed at a height of greater than 17 metres;</li> </ul> </li> <li>c. all industrial zones; and</li> <li>d. the Specific Purpose (Hospital), Specific Purpose (Styx Mill Road Transfer Station), Specific Purpose (Defence Wigram), Specific Purpose (Airport) and Specific Purpose (Tertiary Education) Zones.</li> </ul>	<p>on each building frontage.</p> <ul style="list-style-type: none"> <li>c. Letters and/or symbols shall be applied with no visible mounting structure.</li> <li>d. The background shall not be differentiated from the fabric and colour of the rest of the facade.</li> <li>e. Signs shall not extend above façade height.</li> </ul> <p>Advice note:</p> <ol style="list-style-type: none"> <li>1. Where any one or more of the activity specific standards a. - e. above are not met, Rule 6.8.4.1.1 P1 shall apply.</li> </ol>

	Activity	Activity specific standards
P9	<p>Business and building identification signs made of three dimensional letters and/or symbols in:</p> <ul style="list-style-type: none"> <li>a. Town Centre or Local Centre Zones in Key Activity Centres where the maximum building height is 20 metres;</li> <li>b. the Large Format Retail Zone; and</li> <li>c. the City Centre Zone where the signage is displayed at a height of greater than 17 metres.</li> </ul>	<ul style="list-style-type: none"> <li>a. Letters and symbols shall not exceed a height of 1 metre.</li> <li>b. No more than 30 letters and/or symbols shall be displayed on each building frontage.</li> <li>c. Letters and/or symbols shall be applied with no visible mounting structure.</li> <li>d. The background shall not be differentiated from the material and colour of the rest of the facade.</li> <li>e. Signs shall not extend above façade height.</li> </ul> <p>Advice note:</p> <ul style="list-style-type: none"> <li>1. Where any one or more of the activity specific standards a. - e. above are not met, Rule 6.8.4.1.1 P1 shall apply.</li> </ul>
P10	<p>Signs on utilities or utility structures.</p> <p>(See Advice Note 1 below table)</p>	<ul style="list-style-type: none"> <li>a. The total area of signs shall not exceed 10m<sup>2</sup> per utility or utility structure.</li> <li>b. Each sign shall be for utility operational, or utility operator identification, purposes only.</li> </ul>
P11	<p>Small off-site signs in:</p> <ul style="list-style-type: none"> <li>a. all residential zones;</li> <li>b. all commercial zones, except for the City Centre Zone; and</li> <li>c. all industrial zones, except for the Industrial Park Zone (Memorial Avenue) within the 20 metre setback adjacent to Memorial Avenue.</li> </ul>	<ul style="list-style-type: none"> <li>a. Each sign shall have a maximum area, including the border, of 1.4m<sup>2</sup>.</li> <li>b. No sign shall be able to be seen from any site located within a residential zone;</li> <li>c. Each sign shall be sealed and waterproof;</li> <li>d. Each sign shall be subject to a written maintenance programme, in the form set out in Appendix 6.11.16 to be undertaken by the operator / provider that has been lodged with the Council prior to its erection;</li> <li>e. No sign shall have moving parts or changing images;</li> <li>f. No sign shall be illuminated;</li> <li>g. Each sign shall have the name and address of the sign operator / provider and other contact details on the sign;</li> <li>h. There shall be no more than three small off-site signs on each road frontage of any site.</li> </ul>
P12	<p>Posters on bollards as authorised by the Council in accordance with a bollard maintenance contract.</p>	<p>Nil</p>
P13	<p>Signage in association with public walking and cycling tracks or areas of public open space that is for track marking, entrance identification, warning, direction, or interpretation of the natural or cultural environment.</p> <p>Advice note:</p> <ul style="list-style-type: none"> <li>1. This rule does not apply to signage in heritage settings or in open spaces which are heritage items identified in Appendix 9.3.7.2, or to signage in heritage areas identified in Appendix 9.3.7.3, which are subject to the signage built form standards in Rule 6.8.4.2.</li> </ul>	<ul style="list-style-type: none"> <li>a. Each sign shall be less than 0.25m<sup>2</sup> in area where used for track marking;</li> <li>b. Each sign shall be less than 2m<sup>2</sup> in area where used for track entrance identification, warning, direction, or interpretation.</li> </ul>
P14	<p>Any sign on Māori land in the Papakāinga / Kāinga Nohoanga Zone,</p>	<p>Nil</p>

	<b>Activity</b>	<b>Activity specific standards</b>
	except for signs that are flashing, illuminated, intermittently illuminated, with moving components, billboards, captive balloons or blimps, or off-site signs.	

	Activity	Activity specific standards
<p><b>P15</b></p>	<p>Static and digital display billboards located on sites fronting arterial roads and/or collector roads within:</p> <ul style="list-style-type: none"> <li>a. the Large Format Retail Zone and the Mixed Use Zone;</li> <li>b. the Specific Purpose (Airport) Zone; and</li> <li>c. all industrial zones, other than the Industrial Park Zone (Memorial Avenue).</li> </ul>	<ul style="list-style-type: none"> <li>a. The maximum area of any single billboard shall be 18m<sup>2</sup>. In the case of two sided billboards, the area shall be calculated as being that visible from one direction only provided that such billboards are joined at the apex and are separated by an angle of 30 degrees or less.</li> <li>b. The maximum height shall be 9 metres.</li> <li>c. The site shall have a minimum road frontage of 40 metres per billboard, provided that no more than 2 billboards may be erected on any single site.</li> <li>d. Any billboard shall not be directly visible from any site within a residential zone.</li> <li>e. Each billboard shall be subject to a written maintenance programme, in the form set out in Appendix 6.11.16, to be undertaken by the operator/provider, that has been lodged with the Council prior to the erection of the billboard.</li> <li>f. The billboard shall be located at least 50 metres from any signalised traffic intersection.</li> </ul> <p>In addition, for digital display billboards:</p> <ul style="list-style-type: none"> <li>g. The billboard shall result in no more than 10.0 lux spill (horizontal and vertical) of light when measured or calculated 2 metres within the boundary of any adjacent site and/or arterial road and/or collector road.</li> <li>h. No live broadcast or pre-recorded video shall be displayed on the screen. Only still images shall be displayed with a minimum duration of 7 seconds.</li> <li>i. There shall be no movement or animation of the images displayed on the screen.</li> <li>j. The material displayed on the screen shall not contain any flashing images and the screen itself shall not contain any retro-reflective material.</li> <li>k. There shall be no transitions between still images apart from cross-dissolve of a maximum of 0.5 seconds.</li> <li>l. There shall be no sound associated with the screen and no sound equipment is to be installed as part of the screen.</li> <li>m. The screen shall incorporate lighting control to adjust brightness in line with ambient light levels.</li> <li>n. The billboard shall not be located on or adjacent to a state highway with a speed limit that is greater than 70km/hr.</li> </ul>
<p><b>P16</b></p>	<p>In the Industrial Park Zone (Memorial, Avenue), any sign within the 20 metre setback adjacent to Memorial Avenue: (except for temporary election and referendum signage).</p>	<ul style="list-style-type: none"> <li>a. There shall be no more than two signs within the 20 metre setback for the entire zone boundary adjacent to Memorial Avenue, and each shall: <ul style="list-style-type: none"> <li>i. be double sided;</li> <li>ii. not exceed a total area of 10m<sup>2</sup> per side;</li> <li>iii. have a maximum height above ground level of 10 metres at the top of the sign;</li> <li>iv. have a maximum width of 5 metres;</li> <li>v. be for directional purposes and only contain the name of the complex, the names of businesses within the complex, access information, the onsite location of facilities (including car parking areas), and hours of operation;</li> <li>vi. not be flashing or illuminated by any means other than lights directed on to it; and</li> </ul> </li> </ul>

	Activity	Activity specific standards
		vii. be located within 10 metres of a <b>vehicle access point</b> .
<b>P17</b>	Signage within the Specific Purpose (Airport) Zone within the scope of <b>designation D1</b> .	Nil
<b>P18</b>	Temporary election and referendum <b>signage</b> including: <ol style="list-style-type: none"> <li><b>signs</b> that encourage or persuade voters to vote for a party or candidate or on a referendum issue; and</li> <li>non-partisan promotional <b>signs</b> to increase public awareness of how, when or where people can participate in elections or referendums.</li> </ol>	<ol style="list-style-type: none"> <li>Temporary election and referendum signage (other than non-partisan promotional signage which is not time limited) shall only be displayed during the period beginning 9 weeks before the voting period begins and ending on midnight on the day before the voting period ends.</li> <li>Relevant built form standards in <a href="#">Rule 6.8.4.2.2</a>, <a href="#">Rule 6.8.4.2.3 (b)</a>, <a href="#">Rule 6.8.4.2.5</a> and <a href="#">Rule 6.8.4.2.7</a>.</li> </ol> <p>Note:</p> <ol style="list-style-type: none"> <li>The rules applying to signage on heritage items or in heritage settings (<a href="#">Rule 9.3.4.1.1 P6</a> and <a href="#">Rule 9.3.4.1.3 RD7</a>) also apply to temporary election and referendum signage.</li> </ol>

Advice notes:

- The [National Environmental Standards for Electricity Transmission Activities Regulations 2009](#) (NESETA) manages the installation and modification of **signs** on **support structures** of existing **transmission lines** that are intended to identify a structure or owner, or intended to help with navigation or safety.
- Permission is required under Council bylaws to place signage on any property owned or administered by the Council including in the road reserve or in parks. This does not include temporary election and referendum signage on fences on the boundary between private property and the road reserve that is facing the road and does not project more than 100mm into the road reserve. NZTA bylaws also require permission from NZTA to place signage on land which they own or administer.
- The standards in [Rule 6.8.4.1.1 P18](#) do not apply to the use of existing lawfully established sign frames or billboards (including digital signs) to display temporary election and referendum signage.

### 6.8.4.1.2 Controlled activities

- The activities listed below are controlled activities if they meet the activity specific standards set out in the following table.
- Unless otherwise specified, controlled activities shall not be limited or publicly notified.
- Discretion to impose conditions is restricted to the matters over which control is reserved, as set out in the following table.

Activity	The Council's control is reserved to the following matters:
<p><b>C1</b> Signage that forms part of any new building, or addition to a building, that is subject to urban design certification under Rule 15.4.2.1 (b) and that:</p> <ul style="list-style-type: none"> <li>a. does not meet one or more of the relevant built form standards in Rule 6.8.4.2; and</li> <li>b. is certified by a qualified urban design expert on a Council approved list as meeting the provisions / outcomes in Rule 6.8.5.1.</li> </ul> <p>Certification shall include sufficient detail to demonstrate how the relevant provisions / outcomes in Rule 6.8.5.1 have been met.</p>	<ul style="list-style-type: none"> <li>a. That the signage is displayed in accordance with the urban design certification.</li> </ul>

#### 6.8.4.1.3 Restricted discretionary activities

- a. Activities listed below are restricted discretionary activities.
- b. Discretion to grant or decline consent and impose conditions is restricted to the matters of discretion set out in Rule 6.8.5, as set out in the following table.

Activity	Council's discretion shall be limited to the following matters:
<p><b>RD1</b></p> <p>a. Any sign listed in Rule 6.8.4.1.1 P1 - P15 and P18 (other than P7, P8, P9 or P15), that does not meet one or more of the activity specific standards, other than:</p> <ul style="list-style-type: none"> <li>i. signs provided for in Rule 6.8.4.1.2 C1, Rule 6.8.4.1.3 RD2 - RD4; or</li> <li>ii. discretionary or non-complying activities in Rule 6.8.4.1.4 and Rule 6.8.4.1.5</li> </ul> <p>b. In the Specific Purpose (Ōtākaro Avon River Corridor) Zone, any sign listed in Rule 6.8.4.1.1 P7 that does not meet one or more of the activity specific standards other than signs provided for in Rule 6.8.4.1.2 C1 and Rule 6.8.4.1.4 D1.</p> <p>c. Any application arising from this rule shall not be publicly notified and shall be limited notified only to the New Zealand Transport Agency where it concerns a road under its control (absent its written approval).</p>	<p>a. All signs and ancillary support structures - Rule 6.8.5.1</p>
<p><b>RD2</b></p> <p>The following signs in all commercial and industrial zones (other than the Commercial Banks Peninsula Zone) and in the Specific Purpose (Airport) Zone, other than signs provided for in Rule 6.8.4.1.1 P11 or P15, or Rule 6.8.4.1.5 NC1:</p> <ul style="list-style-type: none"> <li>a. Off-site signs, other than those provided for in Rule 6.8.4.1.1 P2, P3, P4, P5, P6, P12, P13 or P16;</li> <li>b. Flashing or intermittently illuminated signs;</li> <li>c. Signs with moving components;</li> <li>d. Signs with changing images / digital signs; and</li> <li>e. Captive balloons or blimps;</li> </ul> <p>which meet the relevant built form standards in Rule 6.8.4.2.</p>	<ul style="list-style-type: none"> <li>a. All signs and ancillary support structures - Rule 6.8.5.1</li> <li>b. Illuminated, moving, changing, flashing or retro-reflective displays - Rule 6.8.5.2</li> <li>c. Static and digital billboards - Rule 6.8.5.3</li> </ul>
<p><b>RD3</b></p> <p>Static and digital display billboards listed in Rule 6.8.4.1.1 P15 that do not meet one or more of the activity specific standards in Rule 6.8.4.1.1 P15.</p>	<p>a. Static and digital billboards - Rule 6.8.5.3</p>
<p><b>RD4</b></p> <ul style="list-style-type: none"> <li>a. Any sign listed in Rule 6.8.4.1.1 P16 that does not meet one or more of the activity specific standards, unless otherwise specified in Rule 6.8.4.1.5 NC1.</li> <li>b. Any application arising from this rule</li> </ul>	<p>a. Signage adjacent to Memorial Avenue - Rule 6.8.5.4</p>

Activity	Council's discretion shall be limited to the following matters:
	shall not be publicly or limited notified.
<b>RD5</b> Small <b>off-site signs</b> in the City Centre Zone that meet all the activity specific standards specified for <a href="#">Rule 6.8.4.1.1 P11</a> .	a. All signs and ancillary support structures - <a href="#">Rule 6.8.5.1</a>

#### 6.8.4.1.4 Discretionary activities

- a. The activities listed below are discretionary activities.

	Activity
<b>D1</b>	The following <b>signs</b> in all zones, other than <b>signs</b> provided for in <a href="#">Rule 6.8.4.1.1 P11</a> or <a href="#">P15</a> , <a href="#">Rule 6.8.4.1.3 RD2</a> , <a href="#">RD3</a> or <a href="#">RD5</a> , or <a href="#">Rule 6.8.4.1.5 NC1</a> : <ol style="list-style-type: none"> <li><b>Off-site signs</b>, other than <b>signs</b> provided for by <a href="#">Rule 6.8.4.1.1 P2</a>, <a href="#">P3</a>, <a href="#">P4</a>, <a href="#">P5</a>, <a href="#">P6</a>, <a href="#">P12</a>, <a href="#">P13</a> or <a href="#">P16</a>;</li> <li><b>Illuminated signs</b> (other than <b>signs</b> in industrial, <b>commercial zones</b> (excluding Commercial Banks Peninsula) and Specific Purpose airport zones);</li> <li>Flashing or intermittently illuminated signs;</li> <li><b>Signs</b> with moving components;</li> <li><b>Signs</b> with changing images/<b>digital signs</b>; and</li> <li>Captive balloons or blimps.</li> </ol>
<b>D2</b>	<b>Signs</b> listed in <a href="#">Rule 6.8.4.1.3 RD2</a> that do not meet one or more of the relevant built form standards in <a href="#">Rule 6.8.4.2</a> .

#### 6.8.4.1.5 Non-complying activities

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

	Activity
<b>NC1</b>	Any <b>billboard</b> within the Industrial Park Zone (Memorial Avenue) or the Specific Purpose (Ōtākaro Avon River Corridor) Zone.
<b>NC2</b>	Temporary election or referendum <b>signage</b> that does not meet the built form standards in <a href="#">Rule 6.8.4.2.7 (h)</a> or <a href="#">(i)</a> .

#### 6.8.4.1.6 Prohibited activities

There are no prohibited activities.

### 6.8.4.2 Built form standards

#### 6.8.4.2.1 Measurement of the area of a sign

- a. For the purposes of measuring the area of any **sign** in accordance with [Rule 6.8.4.2](#), a double-sided **sign** shall be measured as the area of one side only, being the larger of any one side (see [Rule 6.11.8 - Diagram 2](#)).

#### 6.8.4.2.2 Traffic safety - applies to all signs

- a. Any **sign** shall be located so as not to obscure or to detract from the interpretation of any traffic **sign** or controls.
- b. No **sign** shall be located adjacent to a state highway or **arterial road** where all of the following criteria are met:
- the **road** has a speed limit of 70km per hour or greater; and

- ii. the sign is located within a road boundary building setback required by a built form standard for the relevant zone; and
- iii. the sign is located within 100 metres (in urban zones) or 200 metres (in rural or open space zones) in front of any official regulatory or warning sign or traffic signal.

Explanatory Note:

1. Official regulatory signs exclude street naming signs and brown information signs.

#### 6.8.4.2.3 Integration with building design

- a. Any sign displayed on wall surfaces, including individual lettering, shall not obscure any window, door or architectural feature, visible from the exterior of the building.
- b. Where a sign, including a flag, extends over part of the Transport Zone the lowest part of the sign shall be located a minimum of 2.6 metres above ground level.

#### 6.8.4.2.4 Signs attached to buildings

- a. For signage on heritage items, on buildings in heritage items which are open spaces, in heritage settings, and in heritage areas, the signage activity standard in 9.3.4.1.1 P4a also applies.
- b. The maximum area and height of signs shall be as follows:

Zone or scheduled activity	Maximum total area of signs per building	Maximum height above ground level at top of sign	
All residential zones (other than Residential Visitor Accommodation Zone)	0.5m <sup>2</sup> , or as specified in an activity status table for permitted non-residential activities in Chapter 14 Residential Zones.	4 metres or façade height , whichever is lower	
Open Space Community Parks Zone	2m <sup>2</sup>		
Open Space Water and Margins Zone and Open Space Avon River Precinct/Te Papa Ōtākaro Zone			
Open Space Natural Zone			
Rural Banks Peninsula Zone			
Specific Purpose (Ōtākaro Avon River Corridor) Zone			
Open Space Metropolitan Facilities Zone	3m <sup>2</sup>		
Open Space McLeans Island Zone			
All rural zones (other than Rural Banks Peninsula Zone)	4m <sup>2</sup>		
All specific purpose zones not listed elsewhere in this table			
Commercial Banks Peninsula Zone (except Lyttelton)	Length along primary building frontage (m) x 0.2m.		6 metres or façade height , whichever is lower
Residential Visitor Accommodation Zone			9 metres or façade height , whichever is lower

Zone or scheduled activity	Maximum total area of signs per building	Maximum height above ground level at top of sign
Commercial Banks Peninsula Zone (Lyttelton)	Length along primary building frontage (m) x 0.5m.	6 metres or façade height , whichever is lower
Neighbourhood Centre Zone		
Commercial Office Zone		
Town Centre or Local Centre Zone (except where listed elsewhere in this table)		
All scheduled activities (Rule 6.5), other than service stations	Length along primary building frontage (m) x 0.5m	6 metres or façade height , whichever is lower
Specific Purpose (Tertiary Education)		
City Centre Zone	Length along primary building frontage (m) x 0.5m.	9 metres or façade height , whichever is lower
Central City Mixed Use Zone		
Central City Mixed Use (South Frame) Zone		
Town Centre or Local Centre Zone (Hornby and The Palms Mall only)	Length along primary building frontage (m) x 1m	Where the maximum height standard is 20 metres, 9 metres or façade height , whichever is lower.
Specific Purpose (Airport) Zone		Where the maximum height standard is 12 metres, 6 metres or façade height , whichever is lower
Scheduled activities (Rule 6.5) service stations		9 metres or façade height , whichever is lower
<p>A. Service stations on the following sites:  64 Blighs Road (Lot 1 DP 28218 Lots 3 &amp; 6 DP 1978);  345 Halswell Road (Lot 2 DP 339018, Lot 2 DP 46884);  4 Russley Road (Pt Lot 1 DP 79303); and  175 Wainoni Road (Lot 2 DP 12297, Pt Lot 3 DP 14198);</p> <p>B. Buildings used for auto servicing, inspections and tyre sales on the following site:  89-91 Beach Road, North New Brighton (Lots 1 &amp; 2 DP25521)</p>		

Zone or scheduled activity	Maximum total area of signs per building	Maximum height above ground level at top of sign
Large Format Retail Zone	Building length of primary building frontage facing roads or customer car parking areas (m) x 1.2m.	9 metres or façade height , whichever is lower
Mixed Use Zone		
All industrial zones		
Town Centre or Local Centre Zone (Eastgate Mall, Northlands Mall, Riccarton Mall only)	Total amount of signage 1500m <sup>2</sup> per mall	12 metres or façade height , whichever is lower
Specific Purpose (Hospital) Zone	No limit on number and area of signs provided they are related solely to a hospital	
Specific Purpose (Lyttelton Port) Zone	No limit on number and area of signs provided they are related solely to port activities	Façade height
Specific Purpose (Styx Mill Road Transfer Station) Zone	5% x road frontage x 1m	6 metres or façade height , whichever is lower
Specific Purpose (Defence Wigram) Zone		4 metres or façade height , whichever is lower

#### 6.8.4.2.5 Projecting signs and signs attached to or on verandas

In addition to meeting the built form standards in Rule 6.8.4.2.4, signs mounted and affixed to or on verandas, signs mounted to the face of verandas, and signs projecting from the face of a building, shall also meet the following built form standards:

- a. Signs mounted and affixed to or on verandas (see Rule 6.11.8 - Diagrams 4 & 5)

Maximum projection into the Transport Zone	2.5 metres
Minimum height above ground level for the lowest part of the sign	2.6 metres
Maximum distance from veranda top surface	1.2 metres
Minimum setback from the face of the kerb	0.5 metres

- b. Signs mounted to the face of verandas (see Rule 6.11.8 - Diagram 4)

Maximum height of sign display	0.5 metres
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- c. Signs projecting from the face of a building (see Rule 6.11.8 - Diagrams 6 & 7)

Signs Parallel to the Building Face	Maximum projection from the face of the building.	0.2 metres	
Signs Perpendicular to the Building Face	Maximum projection from the face of the building	Greater than 2.6m above ground level	1.2 metres
		No greater than 2.6m above ground level	0.2 metres
	Minimum setback from the face of the kerb	0.5 metres	

- d. Signs shall not project forward of the face of the veranda on which they are located.  
e. Projecting signs shall only be at right angles to the building face they are fixed to.

#### 6.8.4.2.6 Free-standing signs

- a. The maximum number, area, width and height of free-standing signs shall be as follows:

Zone or scheduled activity	Number of signs per site	Maximum total area of signs	Maximum height above ground level at top of sign
All residential zones (other than Residential Visitor Accommodation Zone)	1	0.2m <sup>2</sup> , or as specified in an activity status table for permitted non-residential activities in Chapter 14 Residential Zones.	4 metres
Open Space Community Parks Zone	1 for each formed <b>vehicle access</b> (refer to <a href="#">Rule 6.8.4.2.6 c.</a> and <a href="#">d.</a> below) and 1 for each formed pedestrian entrance (refer to <a href="#">Rule 6.8.4.2.6 d.</a> below).	1m <sup>2</sup> per sign	4 metres
Open Space Water and Margins Zone and Open Space Avon River Precinct/Te Papa Ōtākaro Zone			
Open Space Natural Zone (except Orton Bradley Park)			
Open Space Metropolitan Facilities Zone			
Open Space McLeans Island Zone			
All rural zones			
Specific Purpose (Ōtākaro Avon River Corridor) Zone, except within an Edge Housing Area Overlay or Trial Housing Area Overlay, as shown on the Development Plan in Appendix 13.14.6.1.			
Specific Purpose (Ōtākaro Avon River Corridor) Zone within an Edge Housing Area Overlay or Trial Housing Area Overlay, as shown on the Development Plan in Appendix 13.14.6.1.	1	0.2m <sup>2</sup>	4 metres
Open Space Natural Zone (Orton Bradley Park)	1	3m <sup>2</sup>	4 metres

Zone or scheduled activity		Relating to Pedestrian Entrances			Relating to Vehicle Entrances		
		Maximum width	Maximum total area of a sign	Maximum height above ground level at top of sign	Maximum width	Maximum total area of a sign	Maximum height above ground level at top of sign
Number of signs per vehicle or pedestrian entrance							
Commercial Banks Peninsula Zone	1 for each formed <b>vehicle access</b> (refer to Rule 6.8.4.2.6 c. and d. below) and 1 for each formed pedestrian entrance (refer to Rule 6.8.4.2.6 d. below),  (other than <b>billboards</b> permitted under Rule 6.8.4.1.1 P15)		1m <sup>2</sup>	2 metres	2 metres	2m <sup>2</sup>	4 metres
Residential Visitor Accommodation Zone							
Neighbourhood Centre Zone		1 metre	2m <sup>2</sup>	2 metres	2 metres	9m <sup>2</sup>	6 metres
Commercial Office Zone							
City Centre Zone							
All scheduled activities (Rule 6.5) other than <b>service stations</b>							
All specific purpose zones, other than Specific Purpose (Lyttelton Port), Specific Purpose (Airport), Specific Purpose (Ōtākaro Avon River Corridor) and Specific Purpose (Hospital) Zones							
Central City Mixed Use Zone		1 metre	2m <sup>2</sup>	2 metres	2.5 metres	18m <sup>2</sup>	9 metres
Central City Mixed Use (South Frame) Zone					(other than <b>billboards</b> permitted under Rule 6.8.4.1.1 P15)		
Town Centre or Local Centre Zone							
Large Format Retail Zone							
Mixed Use Zone							

Zone or scheduled activity	Relating to Pedestrian Entrances	Relating to Vehicle Entrances
Mixed Use Zone		

Zone or scheduled activity	Relating to Pedestrian Entrances			Relating to Vehicle Entrances		
<p>All industrial zones (other than the Industrial Park Zone (Memorial Avenue) - refer to Rule 6.8.4.2.6 e. below))</p>						
<p>Scheduled activities (Rule 6.5) service stations</p>						
<p>A. Service stations on the following sites: 64 Blighs Road (Lot 1 DP 28218 Lots 3 &amp; 6 DP 1978); 345 Halswell Road (Lot 2 DP 339018, Lot 2 DP 46884); 4 Russley Road (Pt Lot 1 DP 79303); and 175 Wainoni Road (Lot 2 DP 12297, Pt Lot 3 DP 14198);</p> <p>B. Buildings used for auto servicing, inspections and tyre sales on the following site: 89-91 Beach Road, North New Brighton (Lots 1 &amp; 2 DP25521)</p>						
<p>Specific Purpose / Use/Notes</p>						

Zone or scheduled activity	Relating to Pedestrian Entrances				Relating to Vehicle Entrances		
Specific Purpose (Lyttelton Port) Zone							
Specific Purpose (Airport) Zone							
Specific Purpose (Hospital) Zone	No limit on signs provided they are related solely to a hospital.						

- c. Signs relating to a formed vehicle access do not need to be located at the vehicle entrance they relate to.
- d. Pedestrian and vehicle access in Rule 6.8.4.2.6 refer to entrances to sites not to buildings, for example, a vehicle crossing from the road to a parking area, or a pedestrian entrance from the footpath into a site. Building entry and garage doors are not considered to be vehicle or pedestrian entrances when considering standards for free-standing sign under this rule.
- e. Rules 6.8.4.1.1 P16, 6.8.4.1.3 RD4 and 6.8.4.1.5 NC1 apply to the Industrial Park Zone (Memorial Avenue). Where rules conflict, Rules 6.8.4.1.1 P16, 6.8.4.1.3 RD4 and 6.8.4.1.5 NC1 shall prevail.

### 6.8.4.2.7 Temporary election or referendum signs

- a. Rule 6.8.4.2.1 applies to measuring the area of temporary election or referendum signs.
- b. The maximum area of temporary election or referendum signage (excluding promotional signage) on any one site is 3m<sup>2</sup>. This is in addition to any other permanent signage permitted or consented on the site. If the quantum of permanent signage on the site is less than the maximum, the balance enabled for permanent signage may also be used for temporary election or referendum signage. There is no limit on the number of temporary election or referendum signs per site as long as the maximum total area is not exceeded. On a corner site, one temporary election or referendum sign of up to 3m<sup>2</sup> each may be placed on each road frontage.
- c. The maximum area of any individual temporary election or referendum sign shall be 3m<sup>2</sup>.
- d. Rules 6.8.4.2.7(b) and (c) do not apply to temporary signs on a vehicle where that temporary sign is painted onto or attached flush with the vehicle body, does not protrude out from or above the vehicle body and does not obstruct visibility for the driver from any windows of the vehicle.
- e. There shall be no temporary election or referendum signs on trailers or other structures attached to a vehicle that increase its size other than as provided for in Rule 6.8.4.2.7(d).
- f. The maximum height for any part of a temporary election or referendum sign shall be 4m above ground level or at façade height where attached to a building, fence or structure; whichever is the lower of the two.

Note: Signs that are more than 1.8 metres in height are subject to the building setback rules and other built form standards for the zone including recession planes. Signs cannot be placed in the visibility splays adjoining a vehicle access.

- g. Temporary election or referendum signs shall not be affixed to any Significant Tree listed in Appendices 9.4.7.1 and 9.4.7.2.
- h. Free-standing temporary election or referendum signs shall not be erected within (as shown on the planning maps):
  - i. Outstanding Natural Features (as identified in Appendices 9.2.9.2.1, 9.2.9.2.5 and 9.2.9.2.6);
  - ii. Outstanding Natural Landscapes (as identified in Appendices 9.2.9.2.2, 9.2.9.2.5 and 9.2.9.2.6)
  - iii. Significant Features (as identified in Appendices 9.2.9.2.3, 9.2.9.2.5 and 9.2.9.2.6);
  - iv. An area 20 vertical metres immediately below the height, at or above the height of any Identified Important Ridgeline (as shown on the planning maps);
  - v. Areas of Outstanding Natural Character in the Coastal Environment (as identified in Appendices 9.2.9.2.7, 9.2.9.2.10 and 9.2.9.2.11); or
  - vi. Areas of High (and Very High) Natural Character in the Coastal Environment (as identified in Appendices 9.2.9.2.8, 9.2.9.2.10 and 9.2.9.2.11); or
  - vii. Wāhi Tapu / Wāhi Taonga sites of Ngāi Tahu Cultural Significance identified as urupā or listed on Table 4 in Appendix 9.5.6.1.
- i. Free-standing temporary election or referendum signs that require any indigenous vegetation clearance or earthworks deeper than 0.5 metres shall not be erected within (as shown on the planning maps):
  - i. Wāhi Tapu / Wāhi Taonga sites of Ngāi Tahu Cultural Significance (as identified in Appendix 9.5.6.1 and except as listed in Rule 6.8.4.2.7(g) (vii)) or Kaitōrete Spit (ID 64, Schedule 9.5.6.2);
  - ii. Sites of Ecological Significance (as identified in Appendix 9.1.6.1, including Schedules A and B); or
  - iii. Indigenous Vegetation areas (as identified in Appendix 9.1.6.6).

- j. Temporary signs shall not be similar to, or the same as any traffic sign or controls in shape and colour.
- k. Rules 6.8.4.2.7 (b), (c), (d), and (f) do not apply to Māori land in the Papakāinga/Kāinga Nohoanga Zone.



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**Schedule 8: Condition 15: Earthworks Rules 8.9.2.1**

## Chapter 8 Subdivision, Development and Earthworks

### 8.9 Rules - Earthworks

#### 8.9.2 Activity status tables

##### 8.9.2.1 Permitted activities - earthworks

- a. The activities listed below are permitted activities if they meet the activity standards set out in the following table.
- b. Activities may also be controlled, restricted discretionary, discretionary, non-complying or prohibited as specified in Rules 8.9.2.2, 8.9.2.3, 8.9.2.4, 8.9.2.5 and 8.9.2.6.

Activity	Activity Standard
<p><b>P1</b></p> <p><b>Earthworks:</b></p> <ol style="list-style-type: none"> <li>a. not for the purpose of the repair of land used for residential purposes and damaged by earthquakes; and</li> <li>b. if in the Industrial General Zone (North Belfast), greater than 20 metres from:               <ol style="list-style-type: none"> <li>i. the surveyed point of the <b>spring</b> identified on the Outline Development Plan in <a href="#">Appendix 16.8.5</a>; or</li> <li>ii. any <b>spring</b> not identified on the Outline Development Plan in <a href="#">Appendix 16.8.5</a>, and which is within the area identified as Stormwater Management Area 1 on the <a href="#">Outline Development Plan</a> but not within Lots 5, 6 and 7 DP 71209, in which case the setback shall be measured from the head or heads of the <b>spring</b> where visible.</li> </ol> </li> </ol> <p>Advice note:</p> <ol style="list-style-type: none"> <li>1. Chapter 5 contains additional requirements for <b>earthworks</b> within <a href="#">Flood Management Areas</a> and <a href="#">Flood Ponding Management Areas</a>.</li> <li>2. Refer to P2 for <b>earthworks</b> for the purpose of the repair of land used for residential purposes and damaged by earthquakes</li> </ol>	<ol style="list-style-type: none"> <li>a. <b>Earthworks</b> shall not exceed the volumes in Table 9 over any 12 month time period.</li> <li>b. <b>Earthworks</b> in zones listed in Table 9 shall not exceed a maximum depth of 0.6m, other than in relation to <b>farming activities</b>, <b>quarrying activities</b> or permitted <b>education activities</b>.</li> <li>c. <b>Earthworks</b> shall not occur on land which has a gradient that is steeper than 1 in 6.</li> <li>d. <b>Earthworks</b> involving soil compaction methods which create vibration shall comply with DIN 4150 199902 and compliance shall be certified through a statement of professional opinion provided to the <b>Council</b> from a suitably qualified and experienced chartered or registered engineer.</li> <li>e. <b>Earthworks</b> involving mechanical or illuminating equipment shall not be undertaken outside the hours of 07:00 – 19:00 in a Residential Zone. <b>Advice note:</b> 1. Between the hours of 07:00 and 19:00, the noise standards in Chapter 6 Rule 6.1.5.2 and the light spill standards at Chapter 6 Rule 6.3.6 both apply.</li> <li>f. <b>Earthworks</b> involving mechanical equipment, other than in residential zones, shall not occur outside the hours of 07:00 and 22:00 except where compliant with <a href="#">NZS 6803:1999</a>. <b>Advice note:</b> 1. Between the hours of 07:00 and 22:00 the noise standards in Chapter 6 Rule 6.1.5.2 apply except where <a href="#">NZS 6803.1999</a> is complied with, and the light spill standards in Chapter 6 Rule 6.3.6 apply.</li> <li>g. <b>Filling</b> shall consist of <b>clean fill</b>.</li> <li>h. The activity standards listed in Rule 8.9.2.1 P3, P4 and P5.</li> <li>i. Where <b>earthworks</b> occur within 5 metres of a <b>heritage item</b>, or above the volumes contained in Table 9 within a <b>heritage setting</b>, details of temporary protection measures to be put in place to mitigate potential physical effects on the <b>heritage item</b> must be provided to Council's Heritage team for comment at least 5 working days prior to the works commencing.</li> <li>j. In the Industrial General Zone (North Belfast): Activity Standards in Rule 8.6.14.</li> </ol> <p><b>Advice notes:</b></p> <ol style="list-style-type: none"> <li>1. <a href="#">The Erosion and Sediment Control Guidelines</a> (prepared by Environment Canterbury) may be of assistance in terms of the design and location of any filter.</li> <li>2. <a href="#">The Natural Resources Regional Plan</a> and <a href="#">Land and Water Regional Plan</a> include provisions for <b>earthworks</b> in riparian margins and the Port Hills respectively and provisions in relation to dust control.</li> <li>3. The <b>Council's Water Supply, Wastewater and Stormwater Bylaw 2014</b> applies.</li> </ol>

P2

- a. **Earthworks** for the purpose of the repair of land used for residential purposes and damaged by earthquakes:
- i. outside a **Flood Management Area** (including outside the Te Waihora/Lake Ellesmere and Wairewa/Lake Forsyth Management Areas; and
  - ii. outside of the Port Hills and **Banks Peninsula**; but
  - iii. including all other residential land whether or not an EQC payment has been made and residential land which was unimproved when damage occurred.

Advice note:

1. Rule 5.4.4 in Chapter 5 applies to **earthworks** for the repair of land used for residential purposes damaged by earthquakes within **Flood Management Areas** in rural and residential zones.

- a. The **earthworks** shall:
  - i. only occur in a zone listed in Table 10 Earthworks for the purpose of land repair; and
  - ii. be commenced prior to the expiry of this rule on 31 December 2018.
- b. Where the land repair and **earthworks** are not designed, supervised or certified by a Chartered Professional Engineer with experience in geotechnical engineering or Professional Engineering Geologist (IPENZ Registered), any **filling, excavation or disturbance of soils** shall not exceed the requirements of Table 10.
- c. Where the land repair and **earthworks** are designed, supervised and certified by a Chartered Professional Engineer with experience in geotechnical engineering or Professional Engineering Geologist (IPENZ Registered), any **earthworks** shall meet the following requirements:
  - i. The **site** or part of the **site** shall not be located within a **Site of Ngāi Tahu Cultural Significance** identified in [Schedule 9.5.6.1](#).
  - ii. Not more than 80m<sup>3</sup> of **grout** shall be used per **site**.
  - iii. Land repair works involving **soil mixing aggregate piers**, or **grout** shall not occur within 1.0m of a **boundary**.
  - iv. At least 3 working days prior to commencing any work on the **site** (including stockpiling and preparatory works):
    - A. written notice shall be provided to the **Council** informing of the location of the land repair and the name and contact details of the supervising engineer;
    - B. written notice shall be provided to any occupier of a **residential unit adjoining** the land repair **site** to inform the occupier that the works will be taking place, the expected duration of the works and of the contact details of the site supervisor; and
    - C. a **sign** shall be erected at the front of the property which includes the name and contact details of the site supervisor.
  - v. A statement of professional opinion completed by a suitably qualified and experienced Chartered Professional Engineer with experience in geotechnical engineering or Professional Engineering Geologist (IPENZ Registered) shall be provided to the **Council** within 3 months of the land repair being completed to the effect that the works meet all applicable standards and requirements and are suitable for their intended purpose. The statement will include as-built plans of the works.
  - vi. Depth of **filling** above **ground level** shall meet the requirements for the repair of land damaged by earthquakes within **Flood Management Areas** as specified in Chapter 5 (Natural Hazards).
- d. General standards
  - i. There shall be no **earthworks** within 5m of any **network waterway**.  
**Advice note:**  
1. Consent may be required from Canterbury Regional Council for **earthworks** within 10m of other rivers and lakes and 20m of the coast. Refer to the Land and Water Regional Plan, Rules 8.5.2, 9.5.6 and 11.5.1.
  - ii. **Earthworks** shall not occur:
    - A. within the **dripline** of a significant tree listed in [Appendix 9.4.7.1](#);
    - B. within a Site of Ecological Significance listed in Schedule A of [Appendix 9.1.6.1](#); or
    - C. at or within 5 metres of a **heritage item** listed in [Appendix 9.3.7.2](#).
- e. All **filling** greater than 0.3m in depth shall be in accordance with New Zealand Standard NZS 4431:1989 Code of Practice for Earth Fill for Residential Development. Certification is not required except as specified in (c)(v) above.
- f. All land repair works are to be managed in accordance with [New Zealand Standard NZS 6803:1999 Acoustics - Construction Noise](#) and [DIN 4150 1999-](#)

02 Structural Vibration.

- g. Land repair works involving mixing or insertion of grout:
  - i. shall not involve:
    - A. mixtures with a flow time that is greater than 30 seconds when tested in accordance with the grout flow test at NZS 3112: Part 1: 1986 (Test 3) or a flowable concrete/grout including cement and inert additives which exceed a diameter of 300mm when tested in accordance with inverted cone test in NZS 3112: Part 1: 1986 (Test 11) except for in situ mixing; or
    - B. injection of grout into the ground at a pressure of more than 40 bar when measured at the pump.
  - ii. Where grout is deposited into land using in situ mixing the grout shall be mixed evenly through the augured soil column and the percentage of grout within the augured soil column shall not exceed 20%; or
  - iii. Where grout is deposited into land using methods other than in situ mixing, the percentage of cement in the dry grout mixture shall not exceed 30%.
- h. Land repair materials:
  - i. shall consist only of:
    - A. soil, gravel, rocks, concrete, sand, silt (such as exists on site already), or clean, inert material;
    - B. cement and/or bentonite grout including inert additives; or
    - C. timber foundation piles; and
  - ii. shall not:
    - A. include or disturb putrescible, pollutant, inflammable or hazardous components; and/or
    - B. include filling which comprises more than 5% vegetation of any load by volume.
- i. Land repair works, other than dust and sediment control measures, shall not be undertaken outside of the hours of 07.30am to 18.00 Monday to Friday and 08:00 to 17:00 on Saturday. No works shall occur on public holidays.
- j. The activity standards listed in Rule 8.9.2.1 P3, P4 and P5.

**Advice note:**

1. The [Erosion and Sediment Control Guidelines](#) (prepared by Environment Canterbury) may be of assistance in terms of the design and location of any filter.
  2. The [Natural Resources Regional Plan](#) and [Land and Water Regional Plan](#) include provisions for earthworks in riparian margins and the Port Hills respectively and also provisions in relation to dust control.
  3. The Council's [Water Supply, Wastewater and Stormwater Bylaw 2014](#) is applicable.
- k. In addition to the exemptions in Rule 8.9.3, the following earthworks are exempt from compliance with the Standards for P2:
    - i. Works involving the establishment, repair or replacement of any permitted utilities or the maintenance of existing drains or ponds by a utility operator.
    - ii. Works permitted by or exempted from a building consent (including works forming part of foundations for a building) where:
      - A. they meet the standards in Table 10 and (c)(vi) controlling depth of filling above ground level in Flood Management Areas (Chapter 5 Natural Hazards); and
      - B. they are designed, supervised and certified by a suitably qualified

and experienced chartered geotechnical engineer, and

C. they meet General standards (f)(i) and (f)(ii).

iii. Testing or investigation preceding land repairs or remediation as a result of land damaged by earthquakes provided it meets activity standard P2 (a):

- A. Filling or excavation associated with the maintenance of flood protection works.
- B. In the Central City, filling or excavation associated with the repair, maintenance, upgrade or construction of flood protection works undertaken or authorised by Christchurch City Council or the Crown.

l. For the avoidance of doubt, where the earthworks are associated with the repair of land used for residential purposes and damaged by earthquakes. Rule 8.9.2.1 P2 applies alone and instead of other earthworks rules in Rules 8.9.2.1 – 8.9.2.3 (other than RD2 if the activity standards for P2 are not complied with).

m. Measurement of volume shall include only areas which have been disturbed, including by filling, excavation, soil mixing or injection of materials. Soil above or between these areas which remains undisturbed does not form part of the allowable volume, including where those undisturbed soils are compacted or are otherwise altered by the works.

n. For the purposes of this rule, the building consent platform extends to a maximum of 2.5m from the exterior wall of enclosed structures or form support structures of open structures.

o. For the purposes of this rule, when land repairs are being undertaken over a number of properties at the same time and by the same contractor, the site boundary for the purpose of the setback is the outer perimeter of the properties that are the subject of the land repair works.

- Advice note:

1. People intending to do land repair earthworks are responsible for complying with the Resource Management (National Environmental Standard for Assessing and Managing Contaminants in Soil to Protect Human Health) Regulations 2011. People should contact the Christchurch City Council or Canterbury Regional Council to find out whether their land has been used for hazardous activities which might trigger the need for compliance with the NES.
2. Any vegetation removed during land repairs should not be replaced with pest species which are listed in Appendix 1 to the Christchurch City Council Infrastructure Design Standard (Part 10).

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<p>P3</p>	<p>a. Earthworks in the vicinity of the National Grid, except as otherwise specified in:</p> <ul style="list-style-type: none"> <li>i. Rule 8.9.2.2 C1; and</li> <li>ii. Rule 8.9.2.3 RD1, RD3, RD4 and RD5.</li> </ul>	<p>a. Earthworks within 12 metres of the centre line of a 110kV or a 220kV National Grid transmission line or within 10 metres of the centre line of a 66kV National Grid transmission line shall:</p> <ul style="list-style-type: none"> <li>i. be no deeper than 300mm within 6m of a foundation of a National grid transmission line support structure; and</li> <li>ii. be no deeper than 3m: <ul style="list-style-type: none"> <li>A. between 6 and 12 metres from the foundation of a 110kV or a 220kV National Grid transmission line support structure; or</li> <li>B. between 6 and 10 metres from the foundation of a 66kV National Grid transmission line support structure; and</li> </ul> </li> <li>iii. not destabilise a National Grid transmission line support structure; and</li> <li>iv. not result in a reduction in the ground to conductor clearing distances below what is required by Table 4 in New Zealand Electrical Code of Practice for Electrical Safe Distances (NZECP 34:2001), unless the requirements of Clause 2.2.3 of NZECP 34:2001 are met.</li> </ul> <p>b. Activity standard a. i. (above) shall not apply to:</p> <ul style="list-style-type: none"> <li>i. earthworks for a network utility as part of an electricity transmission activity;</li> <li>ii. earthworks undertaken as part of agricultural or domestic cultivation, or repair, sealing or resealing of a road, footpath, driveway or farm track.</li> </ul>
<p>P4</p>	<p>a. Earthworks in the vicinity of a 66kV electricity distribution line, except as otherwise specified in:</p> <ul style="list-style-type: none"> <li>i. Rule 8.9.2.2 C1; and</li> <li>ii. Rule 8.9.2.3 RD1, RD3, RD4 and RD5.</li> </ul>	<p>a. Earthworks within 10 metres of the centre line of a 66kV electricity distribution line shall:</p> <ul style="list-style-type: none"> <li>i. meet the requirements of Clause 2.2.1 and/or 2.2.3 (as applicable) of the New Zealand Electrical Code of Practice for Electrical Safe Distances (NZECP34: 2001); or</li> <li>ii. meet the following requirements: <ul style="list-style-type: none"> <li>A. be no deeper than 300mm within 6 metres of a foundation of a 66kV electricity distribution line support structure; and</li> <li>B. be no deeper than 3m between 6 and 10 metres from the foundation of a 66kV electricity distribution line support structure; and</li> <li>C. not destabilise an electricity distribution line support structure; and</li> <li>D. not result in a reduction in the ground to conductor clearing distances below what is required by Table 4 in the NZECP 34:2001.</li> </ul> </li> </ul> <p>b. Activity standard a.ii.A. (above) shall not apply to:</p> <ul style="list-style-type: none"> <li>i. Earthworks for a network utility, as part of an electricity distribution activity;</li> <li>ii. Earthworks undertaken as part of agricultural or domestic cultivation, or repair, sealing or resealing of a road, footpath, drive or farm track.</li> </ul>
<p>P5</p>	<p>Earthworks in the vicinity of a 33kV electricity distribution line or the 11kV (Heathcote to Lyttelton) electricity distribution line, except as otherwise specified in Rule 8.9.2.3. RD1, RD4 and RD5.</p>	<p>a. Earthworks within 5 metres of the centre line of a 33kV electricity distribution line or the 11kV (Heathcote to Lyttelton) electricity distribution line shall:</p> <ul style="list-style-type: none"> <li>i. meet the requirements of Clause 2.2.1 of the New Zealand Electrical Code of Practice for Electrical Safe Distances (NZECP34: 2001); or</li> <li>ii. meet the following requirements: <ul style="list-style-type: none"> <li>A. be no deeper than 300mm within 2.2 metres of a foundation of a 33kV and 11kV Heathcote to Lyttelton support structure; and</li> <li>B. be no deeper than 0.75m between 2.2 and 5 metres from the</li> </ul> </li> </ul>

foundation of a 33KV and 11KV Heathcote to Lyttelton **electricity distribution line support structure**; and

- C. not destabilise an **electricity distribution line support structure**; and
- D. not result in a reduction in the ground to conductor clearing distances below what is required by Table 4 in the **NZCEP 34:2001**.

b. Activity standard a. ii.A. (above) shall not apply to:

- i. **Earthworks** for a network **utility**, as part of an **electricity distribution activity**;
- ii. **Earthworks** undertaken as part of agricultural or domestic cultivation, or repair, sealing or resealing of a **road**, footpath, drive or farm track.

### Table 9: Maximum volumes - earthworks

- a. The volume thresholds contained in Table 9 apply to both the amount of **filling** and the amount of **excavation** .
- b. Where a volume threshold in Table 9 is stated in m<sup>3</sup>/ha, this shall be applied as a ratio.
- c. Where zone and overlay thresholds differ, the lower volume threshold shall apply.

Zone / Overlay		Volume
d. Residential and Papakāinga/Kāinga Nohoanga	<ul style="list-style-type: none"> <li>i. All residential zones.</li> <li>ii. Māori land within the Papakāinga/Kāinga Nohoanga zone where sites have an area of 2000m<sup>2</sup> or less.</li> </ul>	20m <sup>3</sup> / site
e. Commercial / Industrial	<ul style="list-style-type: none"> <li>i. Neighbourhood Centre and Commercial Banks Peninsula zones.</li> </ul>	20m <sup>3</sup> / site
	<ul style="list-style-type: none"> <li>ii. Local Centre, Town Centre, Commercial Office, Mixed use, Central City Mixed Use, Central City Mixed Use (South Frame), Large Format Retail, Industrial General, Industrial Heavy, and Industrial Park Zones.</li> </ul>	1000m <sup>3</sup> /ha
	<ul style="list-style-type: none"> <li>iii. City Centre Zone</li> </ul>	200m <sup>3</sup> /ha
f. Rural and Papakāinga/Kāinga Nohoanga	<ul style="list-style-type: none"> <li>i. All rural zones and non-Māori land within the Papakāinga/Kāinga Nohoanga zone (excluding excavation and filling associated with quarrying activities).</li> <li>ii. Māori land within the Papakāinga/Kāinga Nohoanga zone where sites have an area of more than 2000m<sup>2</sup>.</li> </ul>	100m <sup>3</sup> /ha
g. Open Space	<ul style="list-style-type: none"> <li>i. Open Space Metropolitan Facilities and Open Space McLeans Island Zones.</li> </ul>	500m <sup>3</sup> /ha
	<ul style="list-style-type: none"> <li>ii. Open Space Community Park Zones.</li> </ul>	20m <sup>3</sup> / site

- iii. Open Space Natural and Open Space Water and Margins Zones (Refer to Rules 6.6.4 - 6.6.6 of Chapter 6 in relation to earthworks adjoining waterbodies ).

50m<sup>3</sup>/ha

	<p>iv. Open Space Water and Margins Zone at Lake Ellesmere / Te Waihora and Lake Forsyth / Wairewa (Refer to Rules 6.6.4 - 6.6.6 of Chapter 6 in relation to earthworks adjoining waterbodies ).</p>	10m <sup>3</sup> /ha
	v. Open Space Coastal Zone.	50m <sup>3</sup> /ha
	<p>vi. Open Space Avon River Precinct (Te Papa Ōtākaro) Zone.</p> <p>Advice note:</p> <p>1. This volume threshold applies outside the water body setback provided in Chapter 6.</p>	50m <sup>3</sup> /ha
h. Specific Purpose	i. Specific Purpose (Hospital) Zone and Specific Purpose (Tertiary Education) Zone.	150m <sup>3</sup> /ha
	ii. Specific Purpose (Airport) zone.	5000m <sup>3</sup> /ha
	iii. Specific Purpose (Cemetery) Zone.	20m <sup>3</sup> / site
	iv. Specific Purpose (Golf Resort) Zone	20m <sup>3</sup> / site
	v. Specific Purpose (Flat Land Recovery) Zone.	50m <sup>3</sup> /ha
	vi. All other Specific Purpose Zones	100m <sup>3</sup> /ha
i. Transport	i. Transport Zone	No limit.

j. <b>Overlays</b>	i. Outstanding Natural Landscapes identified in <a href="#">Appendix 9.2.9.2.2</a>	25m3/ha
	ii. Outstanding Natural Features identified in <a href="#">Appendix 9.2.9.2.1</a>	Nil
	iii. Areas of Outstanding, or High and Very High, Natural Character in the Coastal Environment identified in <a href="#">Appendices 9.2.9.2.7</a> and <a href="#">9.2.9.2.8</a>	25m3/ha
	iv. Sites of Ecological Significance listed in Schedule A of <a href="#">Appendix 9.1.6.1</a>	Nil
	v. Important Ridgelines identified on the planning maps	Nil
	vi. Significant Feature SF8.1 Otākaro / Avon River - East	Nil

Advice note:

- Chapter 5 manages earthworks within identified hazard areas. Chapter 4 contains provisions relating to contaminated land . Chapter 6 manages earthworks within water body setbacks and within, and adjacent to Ngā Wai

Table 10: Earthworks for the purpose of land repair

	Column A Max. Volume (Cumulative)	Column B Max. depth (m)	Column C Max. depth of filling (m) [below ground level]	Column D Filling above ground level	Column E Setback from site boundary
a. Central City Mixed Use and Residential Zones (except the Residential Hills and Residential Large Lot Zones, and the Stormwater Capacity Constraint Overlay), where a site or part of a site is not located in a Flood Management Area or a Flood Ponding Area as shown on the planning maps.	50m <sup>3</sup> /site	0.6	0.6	0.3m max depth;	Setback from site boundary must be equivalent to or greater than the depth of earthworks.
b. Rural Zones (except the Rural Banks Peninsula Zone), where a site or part of a site is not located in a Flood Management Area or Flood Ponding Area as shown on the planning maps.	2000m <sup>3</sup> /site	0.6	0.6	0.3m max. depth;	
c. Land repair works in any zone listed in this table involving soil mixing aggregate piers, or grout.	Not more than 10m <sup>3</sup> of grout per site	1.0	1.0	0.3m max. depth.	



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**Schedule 9: Condition 18: Transport Activity Status Tables Rule 7.4.2**

## Chapter 7 Transport

### 7.4 Rules - Transport

#### 7.4.2 Activity status tables - Transport (All zones outside the Specific Purpose (Lyttelton Port) Zone)

##### 7.4.2.1 Permitted activities

- a. The activities listed below are permitted activities if they meet the activity specific standards set out in this table and the standards in [Rule 7.4.3](#).
- b. Activities may also be controlled, restricted discretionary, discretionary, non-complying or prohibited as specified in Rules [7.4.2.2](#), [7.4.2.3](#), [7.4.2.4](#), [7.4.2.5](#), and [7.4.2.6](#) below.

	Activity	Activity specific standards
P1	Any activity that meets <a href="#">Rule 7.4.3.1</a> - Minimum number and dimensions of car parking spaces required.	Nil
P2	Any activity that meets <a href="#">Rule 7.4.3.2</a> - Minimum number of cycle parking facilities required.	
P3	Any activity that meets <a href="#">Rule 7.4.3.3</a> - Minimum number of loading spaces required.	
P4	Any activity that meets <a href="#">Rule 7.4.3.4</a> - Manoeuvring for parking areas and loading areas.	
P5	Any activity that meets <a href="#">Rule 7.4.3.5</a> - Gradient of parking areas and loading areas.	
P6	Any activity that meets <a href="#">Rule 7.4.3.6</a> - Design of parking areas and loading areas.	
P7	Any activity that meets <a href="#">Rule 7.4.3.7</a> - Access design.	
P8	Any activity that meets <a href="#">Rule 7.4.3.8</a> - Vehicle crossings.	
P9	Any activity that meets <a href="#">Rule 7.4.3.9</a> - Location of buildings and access in relation to road/rail level crossings.	
P10	Any activity that does not require resource consent in accordance with <a href="#">Rule 7.4.3.10</a> - High trip generators.	
P11	<p>Only until 30 April 2018, in the Rural Quarry Zone, <b>heavy vehicle trips</b> for any <b>quarrying activity</b> that do not exceed the average daily <b>heavy vehicle trip</b> generation that existed for the 12 month period prior to 27 August 2014.</p> <p>Advice note:</p> <ol style="list-style-type: none"> <li>1. P11 is a temporary measure to allow existing activities in the Rural Quarry Zone to continue while they seek the necessary consents required by this chapter. The average daily heavy trip generation relates to, and shall be calculated for, each calendar month.</li> </ol>	
P12	The operation or maintenance of <b>transport infrastructure</b> (including <b>ancillary offices</b> and <b>car parking areas</b> ) and <b>freight handling activities</b> in the Transport Zone.	

	Activity	Activity specific standards												
P13	New <b>transport infrastructure</b> and additions to existing <b>transport infrastructure</b> in the Transport Zone (excluding activities or structures listed in Rule 7.4.2.1 P15) and new <b>freight handling activities</b> .	<p>a. The maximum <b>height</b> for any <b>building</b> (excluding street lighting, poles, traffic signals, safety cameras and fences) shall be as follows:</p> <table border="1" data-bbox="874 551 1517 1169"> <thead> <tr> <th data-bbox="874 551 1129 871">Distance of the closest point of the <b>building</b> from the boundary of a Residential, Commercial (excluding Large Format Retail, Specific Purpose Hospital Zone or Open Space Community Park Zone):</th> <th data-bbox="1129 551 1323 871">Maximum <b>height</b> - within a <b>road reserve</b>:</th> <th data-bbox="1323 551 1517 871">Maximum <b>height</b> - not within a <b>road reserve</b> :#:</th> </tr> </thead> <tbody> <tr> <td data-bbox="874 871 1129 969">i. Less than 15 metres</td> <td data-bbox="1129 871 1323 969">5 metres*</td> <td data-bbox="1323 871 1517 969">8 metres</td> </tr> <tr> <td data-bbox="874 969 1129 1068">ii 15-50 metres</td> <td data-bbox="1129 969 1323 1068">5 metres*</td> <td data-bbox="1323 969 1517 1068">10 metres</td> </tr> <tr> <td data-bbox="874 1068 1129 1169">iii. More than 50 metres</td> <td data-bbox="1129 1068 1323 1169">10 metres</td> <td data-bbox="1323 1068 1517 1169">15 metres</td> </tr> </tbody> </table> <p>b. The maximum <b>gross floor area</b> of <b>buildings</b> in the locations marked * shall be 5 m<sup>2</sup>.</p> <p>c. Any <b>building</b> not within <b>road reserve</b> # that is located on a <b>site</b> which has a <b>boundary</b> with a residential zone, shall have minimum <b>setback</b> of 1.8 metres from that <b>boundary</b>; and shall not project beyond a <b>building</b> envelope constructed by the recession planes which apply in the adjacent residential zone.</p> <p>d. The maximum <b>height</b> for any <b>buildings</b> in the South Frame Pedestrian Precinct shown on the planning maps shall be 3 metres.</p> <p>Advice note:</p> <ol style="list-style-type: none"> <li>1. Provisions for <b>signs</b> and <b>temporary activities and buildings</b> can be found in <b>Chapter 6</b>.</li> <li>2. <b>Road</b> design standards (including <b>road widths</b>) for new roads are contained in <b>Chapter 8</b>. <b>Road</b> design standards (including <b>road widths</b>) for existing <b>roads</b> are controlled by the <b>Council's</b> Infrastructure Design Standards.</li> </ol>	Distance of the closest point of the <b>building</b> from the boundary of a Residential, Commercial (excluding Large Format Retail, Specific Purpose Hospital Zone or Open Space Community Park Zone):	Maximum <b>height</b> - within a <b>road reserve</b> :	Maximum <b>height</b> - not within a <b>road reserve</b> :#:	i. Less than 15 metres	5 metres*	8 metres	ii 15-50 metres	5 metres*	10 metres	iii. More than 50 metres	10 metres	15 metres
Distance of the closest point of the <b>building</b> from the boundary of a Residential, Commercial (excluding Large Format Retail, Specific Purpose Hospital Zone or Open Space Community Park Zone):	Maximum <b>height</b> - within a <b>road reserve</b> :	Maximum <b>height</b> - not within a <b>road reserve</b> :#:												
i. Less than 15 metres	5 metres*	8 metres												
ii 15-50 metres	5 metres*	10 metres												
iii. More than 50 metres	10 metres	15 metres												

	Activity	Activity specific standards
P14	Public transport facilities (including any office or retail activity ancillary to a public transport facility), public amenities and landscaping in the Transport Zone.	<ul style="list-style-type: none"> <li>a. Buildings located in road reserve where the closest point of the facility is within 50m of the boundary of a Residential, Commercial (excluding Large Format Retail), Specific Purpose Hospital Zone or Open Space Community Park Zone shall be less than 5m in height.</li> <li>b. Buildings (excluding lighting, poles, traffic signals, safety cameras and fences) shall be less than 3m in height in the South Frame Pedestrian Precinct shown on the planning maps.</li> <li>c. Buildings in any other location shall be less than 10 metres in height.</li> <li>d. The maximum area of buildings in the South Frame Pedestrian Precinct shown on the planning maps is 5m<sup>2</sup>.</li> </ul>
P15	All public artwork, street furniture, community markets, cultural activities or community fund-raising events within road reserve in the Transport Zone or South Frame Pedestrian Precinct shown on the planning maps.	<p>Nil.</p> <p>Advice note:</p> <ul style="list-style-type: none"> <li>1. The Council or New Zealand Transport Agency as owner of roads and KiwiRail as the owner of rail corridors may require permits/approval for such activities under other legislation.</li> </ul>
P16	Any verandas, balconies or floor area of a building overhanging road reserve within the Transport Zone.	<p>Nil.</p> <p>Advice note:</p> <ul style="list-style-type: none"> <li>1. The Council or New Zealand Transport Agency as owner of roads and KiwiRail as the owner of rail corridors will have their own separate approval process for granting rights to build overhanging their land. The Council has a policy that is relevant to this process.</li> </ul>
P17	<ul style="list-style-type: none"> <li>a. Outside the Central City, any activity in the Transport Zone (except for sensitive activities within 50m of a railway line) permitted in the adjoining zone.</li> <li>b. For the avoidance of doubt, any activity permitted in the Industrial General Zone, shall be a permitted activity on 99 Ensors Road (Sec 1 SO 448367).</li> </ul> <p>Advice note:</p> <ul style="list-style-type: none"> <li>1. For the purpose of this rule, where the Transport Zone adjoins two different zones, the provisions of the adjoining zone only apply up to the centre of the Transport Zone in that location.</li> </ul>	<ul style="list-style-type: none"> <li>a. The height limits, maximum gross floor area of a building, setbacks and recession planes in Rule 7.4.2.1 P13 apply</li> <li>b. The applicable activity specific standards and built form standards (except for any minimum building setback from the railway corridor) for the activity in the adjoining zone also apply</li> <li>c. On sites adjacent to the rail corridor the minimum building setback from the railway corridor shall be 1.5 metres from the site boundary adjacent to the railway corridor.</li> </ul>
P18	Construction and/or reconstruction of Selkirk Place, Hawkins Road, Hills Road and Prestons Road within the New Neighbourhood Zone (Highfield).	<ul style="list-style-type: none"> <li>a. Works shall be in general accordance with the cross-sections shown in Appendix 8.10.26 Diagram A in Chapter 8.</li> </ul>

	Activity	Activity specific standards
P19	In <b>Central City</b> - Any activity that complies with <b>Rule 7.4.3.11</b> - Vehicle access to sites fronting more than one street.	Nil
P20	In <b>Central City</b> - Any activity that complies with <b>Rule 7.4.3.12</b> - Central City lane formation.	Nil
P21	Any construction or reconstruction of a <b>roadway</b> within the <b>Central City</b> .	<p>a. Footpaths on both sides of the <b>road</b> shall be provided, unless the legal width of the <b>road</b> is less than 10 metres or the <b>road</b> is designed as a <b>shared space street</b> or is a <b>Central City lane</b> .</p> <p>Advice note:</p> <p>1. <b>Road</b> design standards (including <b>road</b> and footpath widths) for new and existing <b>roads</b> are controlled by the <b>Council</b> 's Infrastructure Design Standards.</p>

### 7.4.2.2 Controlled activities - Outside the Central City

- a. The activities listed below are controlled activities.
- b. Discretion to impose conditions is restricted to the matters of control set out in the following table, and as set out for those matters in [Rule 7.4.4](#).

	Activity	The matters over which <b>Council</b> reserves its control
C1	<p>a. Outside the <b>Central City</b>, any activity that requires resource consent in accordance with <b>Rule 7.4.3.10</b> - High trip generators, and where:</p> <ol style="list-style-type: none"> <li>i. the land use activity is otherwise permitted in the zone where it is located; and</li> <li>ii. the activity does not exceed the thresholds in <b>Table 7.4.4.18.1</b>; and</li> <li>iii. direct <b>vehicle access</b> is not obtained from a state highway, <b>major arterial road</b>, or crosses a railway line; and</li> <li>iv. for a <b>quarrying activity</b> and/or an <b>ancillary aggregates-processing activity</b> in the Rural Quarry Zone, where a <b>vehicle access</b> to the activity is located further than 250 metres from a <b>residential unit</b>.</li> </ol> <p>Advice note:</p> <ol style="list-style-type: none"> <li>1. Refer to the <b>Rule 7.4.3.10</b> for provisions regarding notification.</li> </ol>	<p><b>Rule 7.4.4.18</b> - High trip generators.</p>
C2	<ol style="list-style-type: none"> <li>a. Outside the <b>Central City</b>, any activity in the Transport Zone (except for <b>sensitive activities</b>) that is a controlled activity in the <b>adjoining zone</b>.</li> <li>b. For the purpose of this rule, where the Transport Zone adjoins two different zones, the provisions of the <b>adjoining zone</b> only apply up to the centre of the Transport Zone in that location.</li> </ol>	<ol style="list-style-type: none"> <li>a. The applicable matters of control for the <b>adjoining zone</b>; and</li> <li>b. <b>Rule 7.4.4.19</b> - Transport infrastructure in the Transport Zone.</li> </ol>

### 7.4.2.3 Restricted discretionary activities

- a. The activities listed below are restricted discretionary activities.
- b. Discretion to grant or decline consent and impose conditions is restricted to the matters of discretion set out in the following table and as set out for those matters in 7.4.4.

	Activity	The Council's discretion shall be restricted to the following matters:
RD1	<p>a. Any activity that does not meet any one or more of the standards in Rule 7.4.3 unless where otherwise provided for by Rule 7.4.2.5 NC3; or any activity that requires resource consent in accordance with Rule 7.4.3.10 - High trip generators except where otherwise provided for by Rule 7.4.2.2 C1.</p> <p>Advice note:</p> <ol style="list-style-type: none"> <li>1. Refer to the relevant standards for provisions regarding notification.</li> </ol>	<p>a. As relevant to the standard that is not met, and as specified for each standard in Rule 7.4.3:</p> <ol style="list-style-type: none"> <li>i. Rules 7.4.4.1 - 7.4.4.18 and 7.4.4.21 - 7.4.4.22, 7.4.4.26 and 7.4.4.27.</li> </ol>
RD2	Activities P13 - P14 and P18 listed in Rule 7.4.2.1, that do not meet any one or more of the activity specific standards.	<p>a. Rule 7.4.4.19 - Transport infrastructure in the Transport Zone.</p>
RD3	Any formation of an unformed legal road.	<p>a. Rule 7.4.4.20 - Formation of unformed legal roads.</p>
RD4	<ol style="list-style-type: none"> <li>a. Outside the Central City, any activity (except for sensitive activities) in the Transport Zone that is a restricted discretionary activity in the adjoining zone.</li> <li>b. For the purpose of this rule, where the Transport Zone adjoins two different zones, the provisions of the adjoining zone only apply up to the centre of the Transport Zone in that location.</li> <li>c. For the avoidance of doubt, any restricted discretionary activity in the Industrial General Zone, shall be a restricted discretionary activity on 99 Ensors Road (Sec 1 SO 448367).</li> </ol>	<ol style="list-style-type: none"> <li>a. The applicable matters of discretion for the adjoining zone; and</li> <li>b. Rule 7.4.4.19 - Transport infrastructure in the Transport Zone.</li> </ol>
RD5	Activity P17 listed in Rule 7.4.2.1, that does not meet any one or more of the activity specific standards.	<ol style="list-style-type: none"> <li>a. The applicable matters of discretion for the adjoining zone; and</li> <li>b. Transport infrastructure in the Transport Zone - Rule 7.4.4.19.</li> </ol>
RD6	In the Central City, any site temporarily used for car parking areas, where car parking area is the primary activity on that site until 30 April 2018.	<p>a. Temporary car parks during the earthquake recovery period - Rule 7.4.4.24</p>
RD7	In the Central City, any permitted activity that does not comply with the activity specific standard in Rule 7.4.2.1 for P21.	<p>a. Central City Road Cross sections - Rule 7.4.4.23</p>
RD8	In Central City, any permanent car parking buildings or parking lots where car parking is the primary activity on that site.	<p>a. Commercial car parking buildings and parking lots - Rule 7.4.4.25</p>

### 7.4.2.4 Discretionary activities

- a. The activities listed below are discretionary activities.

	Activity
D1	Any activity in the Transport Zone not provided for as a permitted, controlled, restricted discretionary, non-complying or prohibited activity.

#### 7.4.2.5 Non-complying activities

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

	Activity
NC1	<p>a. Except where provided for in P12 – P16 and P18 listed in <a href="#">Rule 7.4.2.1</a>, or in RD2 or RD3 listed in <a href="#">Rule 7.4.2.3</a>, any activity in the Transport Zone that is a non-complying activity in the <a href="#">adjoining</a> zone.</p> <p>b. For the purpose of this rule, where the Transport Zone adjoins two different zones, the provisions of the <a href="#">adjoining</a> zone only apply up to the centre of the Transport Zone in that location.</p>
NC2	<p>a. Any <a href="#">building</a> or structure in the Transport Zone (except <a href="#">transport infrastructure</a> and <a href="#">utilities</a> that comply with the New Zealand Electrical Code of Practice for Electrical Safe Distances (<a href="#">NZECP 34:2001</a>)) that exceeds 2.5 metres in <a href="#">height</a> within:</p> <ol style="list-style-type: none"> <li>i. 12 metres of the centre line of a 110kV or a 220kV <a href="#">National Grid transmission line</a>; and/or</li> <li>ii. 10 metres of the centre line of a 66kV <a href="#">National Grid transmission line</a>.</li> </ol>
NC3	Any activity within the City Centre Zone that does not comply with <a href="#">7.4.3.1 b.i.</a> .

Advice note:

1. The [National Grid transmission lines](#) are shown on the planning maps.
2. Vegetation to be planted around the [National Grid](#) should be selected and/or managed to ensure that it will not breach the [Electricity \(Hazards from Trees\) Regulations 2003](#).
3. The [New Zealand Electrical Code of Practice for Electrical Safe Distances \(NZECP 34:2001\)](#) contains restrictions on the location of structures and activities in relation to [National Grid transmission lines](#). [Buildings](#) and activities in the vicinity of [National Grid transmission lines](#) must comply with the [NZECP 34:2001](#).

#### 7.4.2.6 Prohibited activities

- a. There are no prohibited activities.



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**Schedule 10: Condition 19: Transport Standards in Rule 7.4.3 and Appendices  
in 7.5**

## Chapter 7 Transport

### 7.4 Rules - Transport

#### 7.4.3 Standards - Transport (All zones outside the Specific Purpose (Lyttelton Port) Zone)

##### 7.4.3.1 Minimum and maximum number and dimensions of car parking spaces required

a. Outside of the **Central City**:

	Applicable to	Standard	The Council's discretion shall be limited to the following matters:
i.	Any car parking spaces available to the general public.	Car parking spaces shall be provided with the minimum dimensions in Table 7.5.1.2 in Appendix 7.5.1.	Rule 7.4.4.1 - Parking space dimensions.
ii.	Any activity: <ul style="list-style-type: none"> <li>a. where standard car parking spaces are provided (except               <ul style="list-style-type: none"> <li>A. residential developments with less than 3 residential units); or</li> <li>B. visitor accommodation for up to ten guests);</li> </ul> </li> <li>or</li> <li>b. containing buildings with a GFA of more than 2,500m<sup>2</sup>.</li> </ul>	At least the minimum number of mobility parking spaces in accordance with Table 7.5.1.1 in Appendix 7.5.1 shall be provided on the same site as the activity.	Rule 7.4.4.2 - Mobility parking spaces.
iii.	Any activity at the Yaldhurst Recreation and Sports Facility at 466-482 Yaldhurst Road, as shown in Appendix 18.11.4:	<ul style="list-style-type: none"> <li>a. Car parking spaces shall comply with the relevant standards in Rules 7.4.2 and 7.4.3; and</li> <li>b. The maximum number of car parking spaces shall be 650. If the maximum number of car parking spaces is exceeded, the High Trip Generator Rule 7.4.3.10(xii) and Table 7.4.4.18.1(l) shall apply.</li> </ul>	<ul style="list-style-type: none"> <li>a. Rule 18.10.27 - Additional matters for the Yaldhurst Recreation and Sports Facility.</li> <li>b. Rule 7.4.4.18 - High Trip Generators.</li> </ul>

Advice note:

1. For the avoidance of doubt there is no on-site carparking required outside of the **Central City**.

b. Within the **Central City**:

	Applicable to	Standard	The Council's discretion shall be limited to the following matters:
i.	Any activity (except within the High Density Residential Zone)	Any car parking and associated manoeuvre area shall be no greater than 50% of the GLFA of the buildings on the site.	Rule 7.4.4.26 – Car parking areas
ii.	Any car parking spaces provided, except residential activities.	Any car parking spaces provided shall have the minimum dimensions in Appendix 7.5.1, Table 7.5.1.2.	Rule 7.4.4.1 – Parking space dimensions
iii.	Any activity other than in respect of: <ul style="list-style-type: none"> <li>a. residential activities or</li> <li>b. visitor accommodation for up to ten guests.               <ul style="list-style-type: none"> <li>A. where standard car parking spaces are provided (except residential developments with less than 3 residential units); or</li> <li>B. containing buildings with a GFA of more than 2,500m<sup>2</sup>.</li> </ul> </li> </ul>	The minimum number of mobility parking spaces in accordance with Appendix 7.5.1 shall be provided on the same site as the activity.	Rule 7.4.4.2 – Mobility parking spaces

Advice note:

2. For the avoidance of doubt there is no on-site carparking required within the Central City. There is also no requirement to provide mobility parking spaces for residential activities or for the visitor accommodation activities specified in 7.4.3.1(b)(iii) above within the Central City.

#### 7.4.3.2 Minimum number of cycle parking facilities required

	Applicable to	Standard	The Council's discretion shall be limited to the following matters:
a.	Any activity.	At least the minimum amount of cycle parking facilities in accordance with Appendix 7.5.2 shall be provided on the same site as the activity.	Rule 7.4.4.3 - Minimum number of cycle parking facilities.

#### 7.4.3.3 Minimum number of loading spaces required

	Applicable to	Standard	The Council's discretion shall be limited to the following matters
a.	Any activity where standard car parks are provided.	At least the minimum amount of loading spaces in accordance with Appendix 7.5.3 shall be provided on the same site as the activity.	Rule 7.4.4.4 - Minimum number of loading spaces required

#### 7.4.3.4 Manoeuvring for parking and loading areas

Applicable to:	Standard	The Council's discretion shall be limited to the following matters:
a. Any activity with a <b>vehicle access</b> .	On-site <b>manoeuvring area</b> shall be provided in accordance with <b>Appendix 7.5.6</b> .	Rule 7.4.4.5 - Manoeuvring for parking areas and loading areas
b. Any activity with a <b>vehicle access</b> to: <ul style="list-style-type: none"> <li>i. a <b>major arterial road</b> or <b>minor arterial road</b>; or</li> <li>ii. a <b>collector road</b> where three or more car <b>parking spaces</b> are provided on <b>site</b>; or</li> <li>iii. six or more car <b>parking spaces</b>; or</li> <li>iv. a <b>heavy vehicle</b> bay required by Rule 7.4.3.3; or</li> <li>v. a local street or local distributor street within the <b>Central City</b> core; or</li> <li>vi. a main distributor street within the <b>Central City</b> where the <b>vehicle access</b> serves three or more <b>parking spaces</b>; or</li> <li>vii. a local street outside the <b>Central City</b> core and the <b>vehicle access</b> serves six or more <b>parking spaces</b>.</li> </ul>	On-site <b>manoeuvring area</b> shall be provided to ensure that a vehicle can manoeuvre in a forward gear on to and off a <b>site</b> .	Rule 7.4.4.5 - Manoeuvring for parking areas and loading areas

c. Any application arising from this rule shall not be publicly or limited notified.

#### 7.4.3.5 Gradient of parking and loading areas

Applicable to:	Standard	The Council's discretion shall be limited to the following matters:
a. All non-residential activities with <b>vehicle access</b> (except <b>visitor accommodation</b> for up to ten guests)	i. Gradient of surfaces at 90 degrees to the angle of parking (i.e. parking stall width).	Gradient shall be ≤ 1:16 (6.26%).
	ii. Gradient of surfaces parallel to the angle of parking (i.e. parking stall length).	Gradient shall be ≤ 1:20 (5%).
	iii. Gradient of mobility <b>parking spaces</b> .	Gradient shall be ≤ 1:50 (2%).

b. Any application arising from this rule shall not be limited or publicly notified.

#### 7.4.3.6 Design of parking areas and loading areas

Applicable to:	Standard	The Council's discretion shall be limited to the following matters:
a. All non-residential activities with parking areas and/or loading areas using during hours of darkness (except hosted visitor accommodation or unhosted visitor accommodation).	Lighting of parking areas and loading areas shall be maintained at a minimum level of two lux, with high uniformity, during the hours of operation.	Rule 7.4.4.7 - Illumination of parking areas and loading areas
b. Any urban activity, except: <ul style="list-style-type: none"> <li>i. residential activities, hosted visitor accommodation or unhosted visitor accommodation, containing less than three car parking spaces; or</li> <li>ii. sites where access is obtained from an unsealed road; or</li> <li>iii. temporary activities and buildings.</li> </ul>	The surface of all car parking areas, loading areas, and associated access areas shall be formed, sealed and drained and car parking spaces permanently marked.	Rule 7.4.4.8 - Surface of parking areas and loading areas

c. Any application arising from this rule shall not be publicly or limited notified.

#### 7.4.3.7 Access design

	Applicable to:	Standard	The Council's discretion shall be limited to the following matters:
a.	Any activity with <b>vehicle access</b> .	<b>Access</b> shall be provided in accordance with <a href="#">Appendix 7.5.7</a> .	Rule 7.4.4.9 - Vehicle access design
b.	Within an <b>Urban intensification area</b> , any <b>residential activity</b> where shared <b>pedestrian access</b> is to three or more <b>residential units</b> .	<b>Pedestrian access</b> shall be provided in accordance with <a href="#">Appendix 7.5.7</a> d., e. and f.	Rule 7.4.4.27 - Pedestrian access
c.	Any activity providing 4 or more car <b>parking spaces</b> or <b>residential units</b> .	<b>Queuing Spaces</b> shall be provided in accordance with <a href="#">Appendix 7.5.8</a>	Rule 7.4.4.10 - Queuing spaces
d.	Outside the <b>Central City</b> , any <b>vehicle access</b> : <ul style="list-style-type: none"> <li>i. to an <b>urban road</b> serving more than 15 car <b>parking spaces</b> or more than 10 <b>heavy vehicle movements</b> per day; and/or</li> <li>ii. on a <b>key pedestrian frontage</b>; and/or</li> <li>iii. within an <b>Urban intensification area</b>, on the same side of the road as a major cycle route.</li> </ul>	Either an audio and visual method of warning pedestrians of the presence of vehicles or a <b>visibility splay</b> in accordance with <a href="#">Appendix 7.5.9</a> shall be provided. If any part of the <b>access</b> lies within 20m of a Residential Zone any audio method should not operate between 20:00 and 08:00 hours.	Rule 7.4.4.11 - Visibility splay
e.	Within the <b>Central City</b> , any <b>vehicle access</b> to a <b>road</b> serving more than 15 car <b>parking spaces</b> or more than 10 <b>heavy vehicle movements</b> per day, where the <b>site</b> provides <b>access</b> onto any street within the core.	An audio and visual method of warning pedestrians of the presence of vehicles about to exit the <b>access</b> point shall be provided.	Rule 7.4.4.11 - Visibility splay
f.	Within the <b>Central City</b> , any <b>vehicle access</b> to a <b>road</b> serving more than 15 car <b>parking spaces</b> or more than 10 <b>heavy vehicle movements</b> per day, in any other location not covered by clause e. above.	Either an audio and visual method of warning pedestrians of the presence of vehicles about to exit the <b>access</b> point or a <b>visibility splay</b> in accordance with <a href="#">Appendix 7.5.9 – Visibility splay</a> , shall be provided. If any part of the <b>access</b> lies within 20 metres of a High Density Residential Zone any audio method should not operate between 20:00 and 08:00 hours, except when associated with an emergency service vehicle.	Rule 7.4.4.11 - Visibility splay

g. Any application arising from this rule shall not be limited or publicly notified.

### 7.4.3.8 Vehicle crossings

Applicable to:	Standard	The Council's discretion shall be limited to the following matters:
a. Any activity with a <b>vehicle access</b> to any <b>road</b> or <b>service lane</b>	A <b>vehicle crossing</b> shall be provided constructed from the property <b>boundary</b> to the edge of the <b>carriageway / service lane</b> .	Rule 7.4.4.12 - Vehicle crossing design
b. Any <b>vehicle crossing</b> on an <b>arterial road</b> or <b>collector road</b> with a speed limit 70 kilometres per hour or greater.	<b>Vehicle crossing</b> shall be provided in accordance with <b>Appendix 7.5.10</b> .	Rule 7.4.4.12 - Vehicle crossing design
c. Any <b>vehicle crossing</b> to any land, <b>building</b> or part of a <b>building</b> located in a rural zone, on or in which <b>rural produce</b> is offered for sale by wholesale and/or retail.	<b>Vehicle crossing</b> shall be provided in accordance with Figure 14 in <b>Appendix 7.5.10</b> .	Rule 7.4.4.12 - Vehicle crossing design
d. Any <b>vehicle crossing</b> on a <b>road</b> with a speed limit 70 kilometres per hour or greater.	The minimum spacing to an adjacent <b>vehicle crossing</b> on the same side of the <b>frontage road</b> , shall be in accordance with Table 7.5.11.1 in <b>Appendix 7.5.11</b> .	Rule 7.4.4.13 - Minimum distance between vehicle crossings
e. Any activity with a <b>vehicle crossing</b> .	The maximum number of <b>vehicle crossings</b> shall be in accordance with Table 7.5.11.2 (outside the <b>Central City</b> ) and Table 7.5.11.3 (within the <b>Central City</b> ) in <b>Appendix 7.5.11</b> .	Rule 7.4.4.14 - Maximum number of vehicle crossings
f. Any activity with a <b>vehicle crossing</b> .	The minimum distance between a <b>vehicle crossing</b> and an <b>intersection</b> shall be in accordance with the Table 7.5.11.4 (outside the <b>Central City</b> ) and Table 7.5.11.5 (within the <b>Central City</b> ) in <b>Appendix 7.5.11</b> .	Rule 7.4.4.15 - Minimum distance between vehicle crossings and intersections
g. Any <b>vehicle crossing</b> on a <b>rural road</b> .	The minimum sight lines to <b>vehicle crossings</b> shall be provided in accordance with Figure 18 in <b>Appendix 7.5.11</b> .	Rule 7.4.4.16 - Sight lines at vehicle crossings

h. Any application arising from this rule shall not be publicly notified and be limited notified only to the New Zealand Transport Agency (NZTA) and only where there is direct **access** to a state highway and the NZTA has not given its written approval.

Advice note:

1. All **vehicle crossings** designed and constructed onto public **roads** managed by **Council** require a **vehicle crossing** application and the form can be found at: **Vehicle crossings : Christchurch City Council (ccc.govt.nz)**. An approval must be given before construction can start. Design and construction works shall be at the Owner or Developer's own expense. Standards for the design of **vehicle crossings** can be found in **Council's Construction Standard Specifications**.

### 7.4.3.9 Location of buildings and access in relation to road/rail level crossings

Applicable to:	Standard	The Council's discretion shall be limited to the following matters:
a. Any new <b>road</b> or <b>access</b> that crosses a railway line.	No new <b>road</b> or <b>access</b> shall cross a railway line.	Rule 7.4.4.17 - Location of buildings and access in relation to rail/road level crossings
b. All new <b>road intersections</b> located less than 30 metres from a rail <b>level crossing limit line</b> .	The <b>road intersection</b> shall be designed to give priority to rail movements at the <b>level crossing</b> through <b>road</b> traffic signals.	Rule 7.4.4.17 - Location of buildings and access in relation to rail/road level crossings
c. All new <b>vehicle crossings</b> located less than 30 metres from a rail <b>level crossing limit line</b> .	No new <b>vehicle crossing</b> shall be located less than 30 metres from a rail <b>level crossing limit line</b> unless the <b>boundaries</b> of a site do not enable the <b>vehicle crossing</b> to be more than 30 metres from a rail <b>level crossing limit line</b> .	Rule 7.4.4.17 - Location of buildings and access in relation to rail/road level crossings
d. Any <b>building</b> located close to a <b>level crossing</b> not controlled by automated warning devices (such as alarms and/or barrier arms).	<b>Buildings</b> shall be located outside of the sight triangles in <b>Appendix 7.5.13</b> .	Rule 7.4.4.17 - Location of buildings and access in relation to rail/road level crossings

- e. Any application arising from this rule shall not be publicly notified and be limited notified only to KiwiRail and where KiwiRail has not given its written approval.

### 7.4.3.10 High trip generators

- a. This rule applies to activities located outside the **Central City**, and activities within the **Central City** that are not exempt from this rule under b. below, that exceed the following thresholds.
- b. Within the **Central City** - Permitted activities<sup>2</sup> are exempt from this rule.

<sup>2</sup> Permitted Activities are those listed in the permitted activity tables in the zone chapters and are generally anticipated in the zones. For the purpose of this rule permitted activities must comply with the built form standards for the maximum building height for activity in the zone, any site coverage standards for the activity in the zone, and all the activity specific standards for the activity in the zone. Non-compliance with any other built form standards or being subject to an urban design assessment does not trigger the need to be subject to this rule.

c.	<b>Applicable to:</b>	<b>Resource consent under Rule 7.4.2.2 C1 or Rule 7.4.2.3 RD1 is required for activities with:</b>	<b>The matters over which Council reserves its control or restricts its discretion shall be limited to the following matters:</b>
i.	Education Activities (Schools).	More than 150 Students	Rule 7.4.4.18 - High trip generators
ii.	Education Activities ( Pre-School).	More than 50 Children	
iii.	Education Activities (Tertiary Education and Research Activities).	More than 250 FTE Students	
iv.	Health Care Facilities.	More than 500m <sup>2</sup> GFA	
v.	Industrial Activities (excluding Warehousing and Distribution Activities).  High Technology Industrial Activities.  Heavy Industrial Activities.	More than 5,000m <sup>2</sup> GFA	
vi.	Industrial Activities (Warehousing and Distribution Activities).	More than 10,000m <sup>2</sup> GFA	
vii.	Offices.	More than 1750m <sup>2</sup> GFA	
viii.	Residential Activities.	More than 60 residential units	
ix.	Retail Activities (excluding factory shops, retail park zones, trade suppliers and food and beverage outlets).	More than 500m <sup>2</sup> GLFA	
x.	Retail Activities (factory shops, retail park zones, but excluding trade suppliers and food and beverage outlets).	More than 1000m <sup>2</sup> GLFA	
xi.	Mixed use and other activities (not listed above), except where Rule 7.4.2.1 P11 or Rule 7.4.3.10(c) (xii) below applies.	More than 50 vehicle trips per peak hour or 250 heavy vehicle trips per day (whichever is met first) 'Peak hour' are those hours between 15:00 and 19:00 hours on a weekday.	
xii.	Yaldhurst Recreation and Sports Facility at 466-482 Yaldhurst Road, as shown in Appendix 18.11.4 (all activities within the site including existing, consented and proposed activities).	Resource consent under Rule 7.4.2.3 RD1 is required if:  a. More than 650 vehicle trips per peak hour will be generated by all activities on the site; and/or  b. More than 650 car parking spaces are to be provided on the site.  'Peak hour' is the continuous 60 minute period between 15:00 and 19:00 hours on a weekday when the greatest number of vehicle trips occurs.	

- d. When resource consent under (c) is required:
- i. An Integrated Transport Assessment shall be undertaken for activities that are High Trip Generators (i.e. are controlled or restricted discretionary activities under Rule 7.4.2.2 C1 or Rule 7.4.2.3 RD1).

- ii. If an Integrated Transport Assessment has already been approved for the [site](#) as part of a granted resource consent, then these rules do not apply to any development that is within the scope of that Integrated Transport Assessment and in accordance with the resource consent, unless the resource consent has lapsed. This part of Rule 7.4.3.10 does not apply to the Yaldhurst Recreation and Sports Facility as shown in [Appendix 18.11.4](#).
- iii. A basic Integrated Transport Assessment shall be undertaken for High Trip Generators that do not exceed the thresholds in [7.4.4.18 Table 7.4.4.18.1](#). A full Integrated Transport Assessment shall be undertaken for activities that exceed the thresholds in [7.4.4.18 Table 7.4.4.18.1](#).
- iv. Guidance on preparing an Integrated Transport Assessment to address the assessment matters in [7.4.4.18](#) may be obtained from [Council's Integrated Transport Assessment Guidelines](#).
- v. For the purposes of calculating the thresholds in Rule [7.4.3.10\(i\)](#) to [\(xi\)](#) (and [table 7.4.4.18.1\(a\)](#) to [\(k\)](#)):
  - A. for existing activities with [access to urban roads](#), the level of trip generation and scale of activity that existed prior to the plan becoming operative will not be included;
  - B. for existing activities with [access to rural roads](#), the level of trip generation and scale of activity that existed prior to the plan becoming operative shall be included;
  - C. for [education activities](#) the thresholds in Rule [7.4.3.10](#) (and [table 7.4.4.18.1](#)) shall only apply to any additional traffic generation from a [site](#) which increases the number of children, students or FTE students.
  - D. However, A. and C. do not apply if the existing activity's [vehicle access](#) arrangements change so that more than 50 [vehicle trips](#) per peak hour will use a new [vehicle access](#) to the activity and / or the volumes using any existing [vehicle access](#) to the activity increases by more than 50 [vehicle trips](#) per peak hour.
- vi. For the purposes of calculating the thresholds in Rule [7.4.3.10\(xii\)](#) and [Table 7.4.4.18.1\(l\)](#) for the Yaldhurst Recreation and Sports Facility as shown in [Appendix 18.11.4](#), Rules [7.4.3.10\(v\)\(A\)](#) to [\(v\)\(D\)](#) do not apply.
- vii. Other than as required by [viii.](#) or [ix.](#) below, the application shall not be publicly or limited notified where:
  - A. the land use activity is otherwise permitted in the zone where it is located and direct [vehicle access](#) is not from a state highway or crosses a KiwiRail railway line; or
  - B. the land use activity is otherwise permitted in the zone where it is located and direct [vehicle access](#) is from a state highway or crosses a KiwiRail railway line and written approval/s have been provided by the NZ Transport Agency and/or KiwiRail (whichever is relevant);
- viii. Where written approvals have not been provided under [vii. B.](#) above, [Council](#) shall give limited notification of the application to the New Zealand Transport Agency and/or KiwiRail only.
- ix. For a quarrying activity and/or an [ancillary aggregates-processing activity](#) in the Rural Quarry Zone, where a [vehicle access](#) to the activity is located within 250 metres of a [residential unit](#), the [Council](#) shall give limited notification of the application to the owners/occupiers of that [residential unit](#) only, unless such approvals have already been provided.

#### 7.4.3.11 Vehicle access to sites fronting more than one street - Within the Central City

	Applicable to	Standard	The <a href="#">Council's</a> discretion shall be limited to the following matters:
a.	Any new <a href="#">vehicle access</a> .	<a href="#">Vehicle access</a> shall be provided in accordance with <a href="#">Appendix 7.5.14</a> .	Rule <a href="#">7.4.4.21</a> - Vehicle access to sites fronting more than one street - within the Central City.

#### 7.4.3.12 Lane Formation - Within the Central City

	Applicable to	Standard	The <a href="#">Council's</a> discretion shall be limited to the following matters:
a.	Any new <a href="#">Central City lane</a> created.	The legal width of the <a href="#">Central City lane</a> shall be between 6m and 12m and have a minimum height clearance of 4.5m.	Rule <a href="#">7.4.4.22</a> - Central City lane formation - within the Central City

## Chapter 7 Transport

### 7.5 Appendices

#### Appendix 7.5.1 Parking space requirements

- a. Any space required for off-street parking spaces other than for a residential activity shall be available for staff and visitors during the hours of operation and shall not be diminished by the subsequent erection of any structure, storage of goods, or any other use.
- b. Mobility parking spaces shall be provided at the closest possible point to the accessible entrance to the activity with which they are associated, and the most direct route from the mobility parking spaces to the activity shall be accessible for people whose mobility is restricted. The spaces shall be clearly signed.
- c. All car parking spaces and aisle widths shall be laid out in accordance with Table 7.5.1.2 and Figure 1.
- d. Critical manoeuvring areas such as aisles in or between major structures, or changes in grade, shall be designed to accommodate the 99 percentile design vehicle as set out in Appendix 7.5.5.
- e. All other manoeuvring areas shall be designed to accommodate the 85 percentile design motor car as set out in Appendix 7.5.4.

Advice note:

1. It is recommended that blue colouring be used to help better identify mobility parking spaces.

Table 7.5.1.1 - Minimum number of mobility parking spaces required

- a. The minimum number of mobility parking spaces provided must be calculated using the following method:
  - i. All activities outside an Urban Intensification Area, and non-residential activities in an Urban Intensification Area:

	Total number of car parking spaces being provided (excluding private parking areas for residential units).	Minimum number of mobility parking spaces
a.	1 - 20	1
b.	21 - 50	2
c.	> 50	2 for the first 50 car parking spaces + 1 additional mobility parking space for every additional 50 car parking spaces or part thereof

- A. Rule 7.4.3.1 requires all buildings with a GFA greater than 2,500 m<sup>2</sup> to provide mobility parking spaces, even if no other parking spaces are provided. If no other car parking spaces are provided, the amount of mobility parking spaces required shall be calculated by determining how many mobility parking spaces would be required if one standard parking space per 100 m<sup>2</sup> GFA were provided.

- ii. Residential activities in an Urban intensification area:

	Number of units	Minimum number of mobility parking spaces
a.	< 7	0
b.	7 - 18	1
c.	19 - 31	2
d.	32 - 43	3
e.	> 43	3 for the first 43 residential units + 1 additional mobility parking space for each 12.5 units thereafter

Table 7.5.1.2 - Minimum car parking space dimensions

	Type of use	Parking angle	Parking stall width (metres) (refer to p)	Aisle width (metres) (refer to Note 4)	Parking stall depth (metres) (refer to q)	Over hang (metres)	Total width (stall depth and aisle width) (metres)
a.	Long term (refer to Note 1)	90°	2.4	6.6	5.0	0.6	11.6
b.	Medium term (refer to Note 2)		2.5	6.4			11.4
c.	Short term (refer to Note 3)		2.6	6.2			11.2
d.	Mobility parking spaces		3.6	6.6			11.6
e.	Long term (refer to Note 1)	60°	2.4	5.4	5.0	0.4	10.4
f.	Medium term (refer to Note 2)		2.5	5.1			10.1
g.	Short term (refer to Note 3)		2.6	4.8			9.8
h.	Long term (refer to Note 1)	45°	2.4	4.5	5.0	0.4	9.5
i.	Medium term (refer to Note 2)		2.5	4.2			9.2
j.	Short term (refer to Note 3)		2.6	3.9			8.9
k.	Long term (refer to Note 1)	30°	2.3	4.1	4.0	0.4	8.1
l.	Medium term (refer to Note 2)		2.4	3.8			7.8
m.	Short term (refer to Note 3)		2.5	3.5			7.5
n.	Mobility parking spaces	Parallel	3.6	3.3 (one way) 5.5 (two way)	6.1		
o.	All users	Parallel	2.0	3.3 (one way) 5.5 (two way)	6.1		

p. Stall widths shall be increased by 300 millimetres where they abut permanent obstructions such as a wall, column or other permanent obstruction. Where there is such an obstruction on both sides of a parking space the minimum width shall be increased by 600mm.

q. The stall depth may be reduced by the corresponding overhang length if a low kerb allows overhang, but this overhang shall not encroach any

pedestrian facilities or required landscape areas.

Advice note:

1. Long term parking: generally all day parking.
2. Medium term parking: generally two to four hour parking.
3. Short term parking: generally two hour parking or less.
4. Aisle widths for 90° parking allow for two-way operation. If not otherwise specified, all other aisle widths are given for one-way operation with forward entry to spaces.
5. Design guidance for parking areas in buildings may be obtained from the *New Zealand Building Code D1/AS1: Access Routes* or *Australian/New Zealand Standard Offstreet Parking, Part 1: Car Parking Facilities, AS/NZS 2890.1:2004*, and any subsequent amendments. Compliance with the Australian/ New Zealand Standard is recommended, but is not a requirement to achieve permitted activity status.

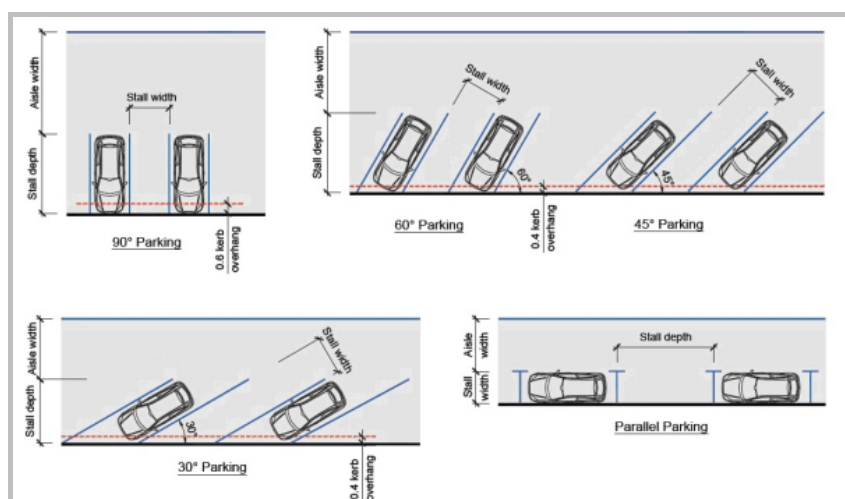


Figure 1: Car park dimensions

## Appendix 7.5.2 Cycle parking facilities

- a. Visitor cycle parking facilities shall be provided as follows:
  - i. The number of visitor cycle parks provided on the same site as the activity shall be at least the minimum number of visitor cycle parks specified in Table 7.5.2.1.
    - A. when calculating the overall cycle parking requirements for an activity the separation of areas into different activities will be required where the GFA of an activity (or PFA or other such measurement that the standards for the relevant activity is based upon) exceeds 10 per cent of the total GFA of the activity. The total cycle parking requirement for any activity will be the sum of the parking requirements for each area.
    - B. where the calculation of the required cycle parks results in a fractional space, any fraction that is less than one-half will be disregarded and any fraction of one-half or more will be counted as one space. The parking requirements for different types of cycle parks (i.e. staff, visitors etc) shall be calculated and rounded separately.
    - C. where an activity falls under the definition of more than one activity in Table 7.5.2.1, then the higher cycle parking requirement shall apply.
    - D. where an activity does not fall within a particular category, the activity which is closest in definition shall apply.
  - ii. Stands shall be securely anchored to an immovable object.
  - iii. Stands shall support the bicycle frame and front wheel.
  - iv. Stands shall allow the bicycle frame to be secured.
  - v. Cycle parking facilities shall be clearly signposted or visible to cyclists entering the site.
  - vi. Cycle parking facilities shall be located so as not to impede pedestrian thoroughfares including areas used by people whose mobility or vision is restricted.
  - vii. Cycle parking facilities shall be located so that the bicycle is at no risk of damage from vehicle movements within the site.
  - viii. Cycle parking facilities shall be located as close as possible to and no more than 30 metres from at least one main pedestrian public entrance

to the **building** /activity. However, the requirement to provide visitor cycle parking does not apply to a **building** on a **key pedestrian frontage** that has no **setback** from the **road frontage**, which results in there being no space for the visitor cycle parking to be provided within 30 metres of at least one main pedestrian public entrance. Within the **Central City**, any activity where the **building** has no **road frontage setback** for the entire length of the **site** visitor cycle parking is not required.

- ix. Lighting must comply with the lighting requirements in Rule 7.4.3.6 a.
- x. Stands shall have the minimum dimensions in Figure 2 and within the **Central City** shall be designed to accommodate the turning path of a cycle as shown in Figure 3.
- xi. Cycle parking facilities shall be available during the hours of operation and shall not be diminished by the subsequent erection of any structure, storage of goods, or any other use.

Advice notes:

- 1. Where there is more than one public entrance to the **building**, it is recommended that visitor cycle parking is apportioned between the entrances in accordance with their potential usage.
- 2. The installation of standard 240V electrical power points in cycle parking facilities is strongly encouraged to enable the charging of e-bikes, e-scooters and other micro mobility devices. A ratio of 1 power point to 1 cycle parking space is recommended to accommodate future growth.

- b. Staff/students cycle parking facilities and, outside of an Urban intensification area, residents cycle parking facilities, shall be provided as follows:
  - i. The number of staff/residents/students cycle parks provided shall be at least the minimum number of staff/residents/students cycle parks in Table 7.5.2.1. Where an activity does not fall within a particular category, the activity which is closest in definition shall apply. Where the calculation of the required parks results in a fractional space, any fraction that is less than one-half will be disregarded and any fraction of one-half or more will be counted as one space. The parking requirements for different types of cycle parks (i.e. staff, visitors etc) shall be calculated and rounded separately.
  - ii. Staff/residents/students cycle parking facilities shall be located so it is easily **accessible** for staff, residents or students of the activity, except within the **Central City** staff cycle parking may be provided on a **site** within 200 metres of the **site** on which the activity is undertaken.
  - iii. Staff/residents/tertiary students' cycle parking facilities shall be located in:
    - A. a covered area; and
    - B. a secure area, unless located in an area where access by the general public is generally excluded.

Advice note:

- 1. It is recommended that cycle parking at schools is designed and managed to discourage theft of bicycles.

- iv. Where a stand is provided, it shall meet the visitor cycle parking requirements in (a) except for (a)(v) and (a)(viii).
- v. Outside the **Central City**, the number of on-site cycle parking end of trip facilities provided shall be at least the minimum number of cycle parking end of trip facilities set out in Table 7.5.2.2.

- c. **Full time equivalent** student numbers for **Tertiary Education and Research Activities** shall be assessed annually as of 1 July, and shall be rounded to the nearest 100 **FTE** students, if there are more than 1000 **FTE** Students at the activity in total. Any additional cycle facilities required shall be provided within 12 months of the date of assessment.
- d. For **sites** with activities that existed on 3 September 2010 (i.e. prior to the Canterbury earthquakes of 2010/2011), Table 7.5.2.1 shall be applied to the rebuild of that activity, as follows:
  - i. For the size of the activity's **building** floor area/ scale of the activity that existed on 3 September 2010, Table 7.5.2.1 does not apply, as long as the activity provides at least the same amount of on-site cycle parking that existed on 3 September 2010.
  - ii. For any addition to the size of the activity's **building** floor area/ scale of the activity that is an increase to what existed on 3 September 2010, Table 7.5.2.1 shall apply in respect of the increase.
- e. Residents cycle parking facilities within an **Urban Intensification Area** shall be provided as follows:
  - i. The number of residents cycle parks provided shall be at least the minimum number of cycle parks in Table 7.5.2.1. Where the calculation of the required parks results in a fractional space, any fraction that is less than one-half will be disregarded and any fraction of one-half or more will be counted as one space.
  - ii. The residents cycle parking shall be in a weatherproof, lockable enclosure that is located so that it has external access from the **street**, and in a position that does not involve taking the cycle up steps or stairs or within or through a **residential unit**.
  - iii. The residents cycle parking shall accommodate a cycle of the 90th percentile dimensions shown in Figure 4.
  - iv. Stands must be provided where the cycle parking enclosure is shared by more than one **residential unit**.
  - v. Where stands are provided, the stands shall meet the visitor cycle parking requirements in a. ii, iii, vi and ix, and:
    - A. The stands shall be of a horizontal type that does not require lifting of the cycle.

B. The stands shall allow the bicycle frame to be secured by a U-lock or D-lock. Stands shall have the minimum dimensions in Figure 4.

**Advice note:** To achieve the provisions 7.5.2.e.iv, 7.5.2.e.v.A and 7.5.2.e.v.B, and in order to accommodate a wide range of cycle types and micromobility devices (e-bikes, step-through cycles, cargo bikes, recumbent cycles, adult tricycles, and standard and seated e-scooters) it is recommended that Sheffield cycle stands are selected as the stand type. A Sheffield stand with recommended dimensions is shown in Figure 4.

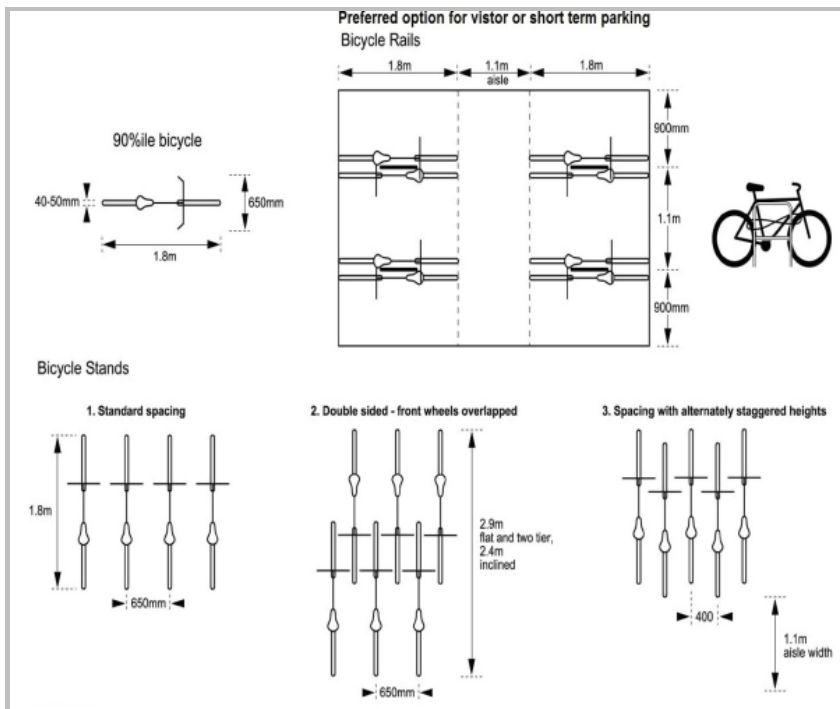


Figure 2 – Minimum cycle parking dimensions for Visitor, Staff and Student cycle parks

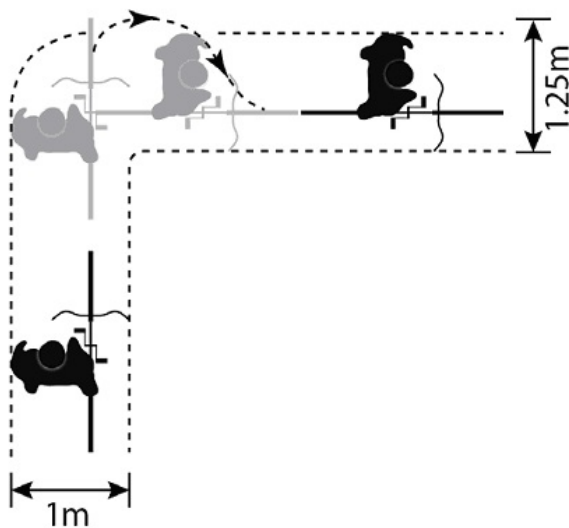


Figure 3 - Cycle turning circle - within the Central City

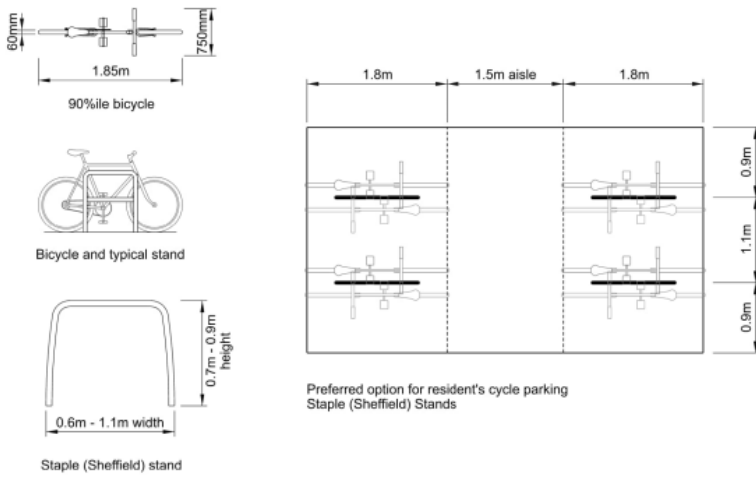


Figure 4 - Minimum cycle parking dimensions for Residents cycle parks

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Figure 4 – Minimum cycle parking dimensions for Residents cycle parks

Table 7.5.2.1 - Minimum numbers of cycle parks required

Activity	Visitor cycle parks (within the Central City visitor spaces can be used by students)	Staff/ residents (outside an Urban intensification area)/ students cycle parks
<b>EDUCATION ACTIVITIES</b>		
a. Preschools	i. 1 space/ 10 children (Outside the Central City) ii. 1 space/ 5 children (within the Central City)	1 staff space/ 3 FTE staff (Outside the Central City) 1 staff space/ 100 children (within the Central City)
b. Schools	i. 1 space/ 30 students (year 8 and below) (Outside the Central City) ii. 1 space/ 5 children (within the Central City) iii. 1 space/ 100 students (year 9 and above) (Outside the Central City) iv. 3 spaces/ 4 students (within the Central City)	1 space/ 7 students (year 8 and below) (Outside the Central City) 1 staff space/ 100 students (within the Central City) 1 space/ 5 students (year 9 and above) (Outside the Central City) 1 staff space/ 100 students (within the Central City)
c. Tertiary education and research activities	i. 1 space/ 100 FTE students (Outside the Central City) ii. 1 space/ 4 FTE students (within the Central City)	1 staff space/ 4 FTE staff and 1 student space/ 4 FTE students (Outside the Central City) 1 staff space / 100 FTE students (within the Central City)
<b>ENTERTAINMENT ACTIVITIES AND RECREATION FACILITIES</b>		
d. Cinemas and theatres (small to medium venues up to 500 seats)	1 space/ 30 seats	1 space/ 1 screen
e. Cinemas and theatres (large venues more than 500 seats)	1 space/ 60 seats	1 space/ 60 seats
f. Museums and galleries	1 space/ 200 m <sup>2</sup> PFA	1 space/ 1000 m <sup>2</sup> PFA
g. Libraries	1 space/ 100 m <sup>2</sup> PFA	1 space/ 400 m <sup>2</sup> PFA
h. Gymnasiums (for public, or private club use), dance studios	1 space/ 50 m <sup>2</sup> GFA	1 space/ 600 m <sup>2</sup> PFA
i. Sports courts (for public, or private club use)	1 space/ 150 m <sup>2</sup> court area	1 space/ 500 m <sup>2</sup> PFA
j. Sports fields (for public, or private club use)	10 spaces/ ha pitch area	5 spaces/ ha pitch area
k. Swimming pools (for public, or private club use)	1 space/ 10 m <sup>2</sup> pool area	1 space/ 500 m <sup>2</sup> pool area
l. Other entertainment activities / recreation facilities, if not specified above	1 space/ 50 m <sup>2</sup> PFA	10% of visitor requirements
m. FIRE STATIONS and AMBULANCE STATIONS	1 space/ emergency service vehicle bay	1 space/ emergency service vehicle bay
n. VISITOR ACCOMMODATION except for hosted visitor accommodation or unhosted visitor accommodation	1 space/ 20 bedrooms (Outside the Central City) 1 space/ 20 beds (except 1 space/ 30 bedrooms for Hotels) (within the Central City)	1 space/ 5 FTE staff (Outside the Central City) 1 space / 80 beds (except 1 space/ 80 bedrooms for Hotels) (within the Central City)
<b>HEALTH CARE FACILITIES</b>		
o. Hospitals	1 space/ 1000 m <sup>2</sup> GFA	1 space/ 300 m <sup>2</sup> GFA
p. Other health care facilities, if not specified above	1 space/ 500 m <sup>2</sup> GFA	1 space/ 300 m <sup>2</sup> GFA
<b>INDUSTRIAL ACTIVITIES</b>		
q. Warehousing and distribution activities	1 space/ 2000 m <sup>2</sup> GFA (1 space minimum)	1 space/ 1000 m <sup>2</sup> GFA
r. Other industrial activities if not specified above, high technology industrial activities and heavy industrial activities	1 space/ 1000 m <sup>2</sup> GFA	1 space/ 500 m <sup>2</sup> GFA
s. OFFICES	i. 20% of staff requirements (2 spaces minimum) (Outside the Central City)	1 space/ 150 m <sup>2</sup> GFA

	Activity	Visitor cycle parks (within the <b>Central City</b> visitor spaces can be used by students)	Staff/ residents (outside an <b>Urban intensification area</b> )/ students cycle parks
		ii. 1 space/ 500 m <sup>2</sup> GFA (within the <b>Central City</b> )	

Activity	Visitor cycle parks (within the Central City visitor spaces can be used by students)	Staff/ residents (outside an Urban intensification area)/ students cycle parks
t. QUARRYING ACTIVITY and ANCILLARY AGGREGATES-PROCESSING ACITIVITY	Nil	Nil
u. RESERVES (if there is not a specified cycle parking requirement in this table for the activity on the reserve)	Nil	Nil
<b>RESIDENCES</b>		
Activity	Visitor cycle parks (within the Central City, visitor spaces can be used by students)	Staff / residents / students cycle parks
v. Care facilities (including a care home within a retirement village)	1 space/ 50 clients	1 space/ 30 clients
w. Retirement village (excluding a care home within a retirement village)	1 space/ 10 units, for developments with 10 or more units	Nil
x. Residential activities provided under EDM and CHRM	Nil	1 residents' space/ dwelling without a garage, outside an Urban Intensification Area.
y. Social housing complex	1 space/ 10 units, for developments with 10 or more units	Outside an Urban Intensification Area, 1 residents' space/ dwelling without a garage,  Within an Urban Intensification Area:  Residential units with one or two bedrooms - 1 space/residential unit without a private garage;  Residential units with three or more bedrooms - 2 spaces/residential unit without a private garage.
z. Student hostel accommodation	1 space/ 10 beds	1 space/ 3 beds
aa. Other residential activities, if not specified above	1 space/ 20 units for developments with 20 or more units	Outside an Urban Intensification Area: 1 space/ dwelling without a garage.  Within an Urban Intensification Area:  Residential units with one or two bedrooms - 1 space/residential unit without a private garage;  Residential units with three or more bedrooms - 2 spaces/residential unit without a private garage.
<b>RETAIL ACTIVITIES AND COMMERCIAL SERVICES</b>		
Activity	Visitor cycle parks (within the Central City visitor spaces can be used by students)	Staff/ residents/ students cycle parks
bb. Commercial services	1 space/ 500 m <sup>2</sup> GFA	1 space/ 200 m <sup>2</sup> GFA
cc. Factory shops, retail activities in large format retail zones	1 space/ 1000 m <sup>2</sup> GLFA	1 space/ 750 m <sup>2</sup> GLFA
dd. Food and beverage outlets	i. 1 space/ 300 m <sup>2</sup> PFA (Outside the Central City) ii. 1 space/ 125 m <sup>2</sup> PFA (within the Central City)	1 space/ 100 m <sup>2</sup> PFA (2 spaces minimum) (Outside the Central City) 1 space/ 400 m <sup>2</sup> PFA (within the Central City)

Activity	Visitor cycle parks (within the Central City visitor spaces can be used by students)	Staff/ residents (outside an Urban intensification area)/ students cycle parks
ee. Other retail activities, if not specified above	i. 1 space/ 300 m <sup>2</sup> GLFA (Outside the Central City) ii. 1 space/ 350 m <sup>2</sup> GLFA (within the Central City)	1 space/ 750 m <sup>2</sup> GLFA (Outside the Central City) 1 space/ 200 m <sup>2</sup> GLFA (within the Central City)
ff. SERVICE STATIONS	1 space/ 1000 m <sup>2</sup> GLFA	1 space/ 750 m <sup>2</sup> GLFA
gg. SPIRITUAL ACTIVITIES	1 space/ 100 m <sup>2</sup> PFA	10% of visitor requirement
hh. TRADE SUPPLIERS	1 space/ 1000 m <sup>2</sup> GLFA	1 space/ 750 m <sup>2</sup> GLFA
ii. UTILITIES (that have no permanent staff)	Nil	Nil
jj. YARD-BASED SUPPLIERS	1 space/ 1000 m <sup>2</sup> GLFA	1 space/ 750 m <sup>2</sup> GLFA

**Advice note:** For y. and aa. A communal garage or parking building used for parking by more than one residential unit is not considered to be a garage for the purposes of this rule.

Table 7.5.2.2 - Minimum number of cycle parking end of trip facilities required for Commercial activities, Tertiary education and research activities and Hospitals

Number of staff cycle parks required	Number of end of trip facilities required
a. 1 - 10	None
b. 11 - 100	i. 1 shower <sup>1</sup> per every 10 <sup>2</sup> staff cycle parks required ii. 1 locker <sup>3</sup> per every staff cycle park provided
c. > 100	i. 10 showers <sup>1</sup> for the first 100 staff cycle parks required + 2 showers <sup>1</sup> for each additional 50 <sup>2</sup> staff cycle parks required ii. 1 locker <sup>3</sup> per every staff cycle park provided

<sup>1</sup> Showers only need to be shown on building consent plans. If the activity requires a resource consent, the location and design of any required showers do not need to be shown at that stage as long as the application states the number of showers proposed to be provided.

<sup>2</sup> Where the calculation of the required showers results in a staff cycle space value that is not a round number of 10, any value that is 4 or less will be disregarded and any value 5 or more will be counted as one shower.

<sup>3</sup> The minimum internal dimensions of a single locker shall be: height - 85 centimetres, depth - 45 centimetres, width - 20 centimetres.

## Appendix 7.5.3 Loading areas

- a. The minimum number of on-site loading spaces provided shall be in accordance with Table 7.5.3.1.
  - i. Where an activity does not fall within a particular category, the activity which is closest in definition shall apply.
  - ii. Where the calculation of the required loading space results in a fractional space, any fraction that is less than one-half will be disregarded and any fraction of one-half or more will be counted as one space. The loading space requirements for different types of loading bay shall be calculated and rounded separately.
  - iii. The loading space requirements listed in Table 7.5.3.1 are categorised by activity. When calculating the overall loading space requirements for an activity the separation of areas into different activities will be required where the GFA of an activity (or PFA or other such measurement that the standards for the relevant activity is based upon) exceeds 10 per cent of the total GFA of the activity. The total loading space requirement for any activity will be the sum of the loading space requirements for each area.
  - iv. Where an activity falls under the definition of more than one activity in Table 7.5.3.1, then the higher loading space requirement shall apply.
  - v. Any space required for loading, other than for a residential activity, fire stations and ambulance stations, shall be available during the hours of operation and shall not be diminished by the subsequent erection of any structure, storage of goods, or any other use.
  - vi. Full time equivalent student numbers for Tertiary Education and Research Activities shall be assessed annually as of 1 July, and shall be rounded to the nearest 100 FTE students, if there are more than 1000 FTE Students at the activity in total. Any additional loading spaces

required shall be provided within 12 months of the date of assessment.

vii. For **sites** with activities, listed under Rule 7.4.3.3 a., that existed on 3 September 2010 (i.e. prior to the Canterbury earthquakes of 2010/2011), Table 7.5.3.1 shall be applied to the rebuild of that activity, as follows:

- A. For the size of the activity's **building** floor area/ scale of the activity that existed on 3 September 2010, Table 7.5.3.1 does not apply, as long as the activity provides at least the same amount of on-site **loading spaces** that existed on 3 September 2010.
- B. For any addition to the size of the activity's **building** floor area/ scale of the activity that is an increase to what existed on 3 September 2010, Table 7.5.3.1 shall apply in respect of the increase.

viii. Within the **Central City**, no **loading** is required where a suitable on- or off-street **loading** facility is provided within 50 metres of any part of the **site** and the route between the **loading** facility and the **site** does not require crossing any **road**. Use of an off-street **loading** facility on a separate **site** by an activity must be protected for the use of that activity (and any future activity on the **site**) by an appropriate legal instrument. A copy of the appropriate legal instrument shall be provided to **Council** for its records.

b. Minimum **loading area** dimensions:

- i. A **heavy vehicle** bay shall comply with one of the following vehicle sizes in Table 7.5.3.2 (depending on the largest vehicle expected to use the **loading space**). For commercial and industrial **sites** where waste collection occurs internally, a **loading space** and associated **manoeuvring area** large enough to accommodate a medium rigid vehicle must be allowed for.
- ii. A 99 percentile vehicle bay shall be designed to the following minimum standards in Table 7.5.3.3.

Advice note:

1. Design guidance for commercial **vehicle access** and parking may be obtained from the Australian Standard Parking Facilities Part 2: Off street commercial vehicle facilities, AS 2890.2:2002, and any subsequent amendments. Please note compliance with AS 2890.2:2002 is recommended, but is not a requirement to achieve permitted activity status.

### Table 7.5.3.1 - Minimum numbers of loading spaces required

Activity	Number of heavy vehicle bays to be provided	Number of 99 percentile vehicle bays to be provided
<b>EDUCATION ACTIVITIES:</b>		
a. Schools and preschools	With 100 or more students: 1 bay	i. With 20 students or more, but less than 100: 1 bay ii. With 100 or more students: 1 bay/100 students
b. Tertiary education and research activities	1 bay per site	1 bay/100 FTE students
<b>ENTERTAINMENT ACTIVITIES AND RECREATION FACILITIES:</b>		
c. Cinemas	1 bay per cinema complex	Nil
d. Theatres	1 bay per theatre	Nil
e. Gymnasium (for public, or private use), dance studios	1/ 8,000 m <sup>2</sup> GFA	Nil
f. Sports courts (for public, or private use)	Nil	Nil
g. Sports fields (for public, or private use)	Nil	Nil
h. Swimming pools (for public, or private use)	1 bay/ 2000 m <sup>2</sup> pool area	Nil
i. Other entertainment activities / recreation facilities, if not specified above	Nil	1 bay/ 2000 m <sup>2</sup> PFA
j. FIRE STATIONS and AMBULANCE STATIONS	1 bay per site	Nil
<b>VISITOR ACCOMMODATION :</b>		
k. Hotels	1 bay/ 100 bedrooms (for the first 300 bedrooms, nil thereafter)	1 bay/ 50 bedrooms
l. Other visitor accommodation, if not specified above	1 bay/ 100 units or 100 bedrooms, whichever is the greater (for the first 200 units or 200 nil thereafter)	1 bay/ 50 units or 50 bedrooms, whichever is the greater
<b>HEALTH CARE FACILITIES :</b>		
m. Hospitals	1/ bay 8,000 m <sup>2</sup> GFA	Nil
n. Other health care facilities, if not specified above	Nil	Nil
<b>INDUSTRIAL ACTIVITIES</b>		
o. Warehousing and distribution activities	1 bay/ 1,000 m <sup>2</sup> GFA (up to 2,000 m <sup>2</sup> GFA); 1 bay/ 2,000 m <sup>2</sup> GFA (for 2,000 m <sup>2</sup> - 10,000 m <sup>2</sup> GFA); and 1 bay/ 2,750 m <sup>2</sup> GFA (after 10,000 m <sup>2</sup> GFA).	Nil
p. Other industrial activities, if not specified above, high technology industrial activities and heavy industrial activities	1 bay/ 1,000 m <sup>2</sup> GFA	Nil
q. OFFICES	1 bay/ 8,000 m <sup>2</sup> GFA (up to 16,000 m <sup>2</sup> GFA); and 1 bay/ 20,000 m <sup>2</sup> GFA (after 16,000 m <sup>2</sup> GFA).	1 bay/ 8,000 m <sup>2</sup> GFA
r. PUBLIC TRANSPORT INTERCHANGES	Nil	Nil
s. QUARRYING ACTIVITY and ANCILLARY AGGREGATES-PROCESSING ACTIVITY	Nil	Nil
t. RESERVES (if there is not a specified loading requirement in this table for the activity on the reserve)	Nil	Nil
<b>RESIDENCES:</b>		
u. Care facilities	Nil	One for care facilities with

Activity	Number of heavy vehicle bays to be provided	Number of 99 percentile vehicle bays to be provided
		more than 20 clients
v. Student hostel accommodation	1 bay per hostel	1 bay/ 100 beds
w. Other residential activities, if not specified above	Nil	Nil outside of an Urban intensification area.  Within an Urban intensification area: For developments of 20 or more residential units – 1 bay
<b>RETAIL ACTIVITIES AND COMMERCIAL SERVICES :</b>		
x. Food and beverage outlets	1 bay/ 1000 m <sup>2</sup> PFA	Nil
y. Other retail activities or commercial services, if not specified above	1 bay/ 1600 m <sup>2</sup> GLFA for the first 6,400 m <sup>2</sup> GLFA; and 1/ 5,000 m <sup>2</sup> GLFA thereafter.	Nil
z. SERVICE STATIONS	1 unmarked bay for fuel deliveries	Nil
aa. SPIRITUAL ACTIVITIES	Nil	1 loading space / site
bb. TRADE SUPPLIERS	1 bay/ 1600 m <sup>2</sup> GLFA for the first 6,400 m <sup>2</sup> GLFA; and 1/ 5,000 m <sup>2</sup> GLFA thereafter.	Nil
cc. UTILITIES (that have no permanent staff)	Nil	Nil
dd. YARD-BASED SUPPLIERS	1 bay/ 1600 m <sup>2</sup> GLFA for the first 6,400 m <sup>2</sup> GLFA; and 1/ 5,000 m <sup>2</sup> GLFA thereafter.	Nil

Table 7.5.3.2 - Loading space dimensions for Heavy Vehicle Bays

	Largest vehicle expected to use the loading space	Minimum dimensions (metres)	Minimum dimensions (if loading space is parallel to the access to the loading space) (metres)	Associated manoeuvring areas shall be designed to accommodate the minimum turning area shown in:
a.	Small rigid vehicle	3.5 x 6.4	3.5 x 8.4	Figure 4
b.	Medium rigid vehicle	3.5 x 8.8	3.5 x 10.8	Figure 5

Table 7.5.3.3 - Loading space dimensions for 99 percentile vehicle bay

	Minimum dimensions (metres)	Minimum dimensions (if loading space is parallel to the access to the loading space) (metres)	Associated manoeuvring areas shall be designed to accommodate the minimum turning area shown in:
a.	3.5 x 5.2	3.5 x 7.2	<a href="#">Appendix 7.5.5</a>

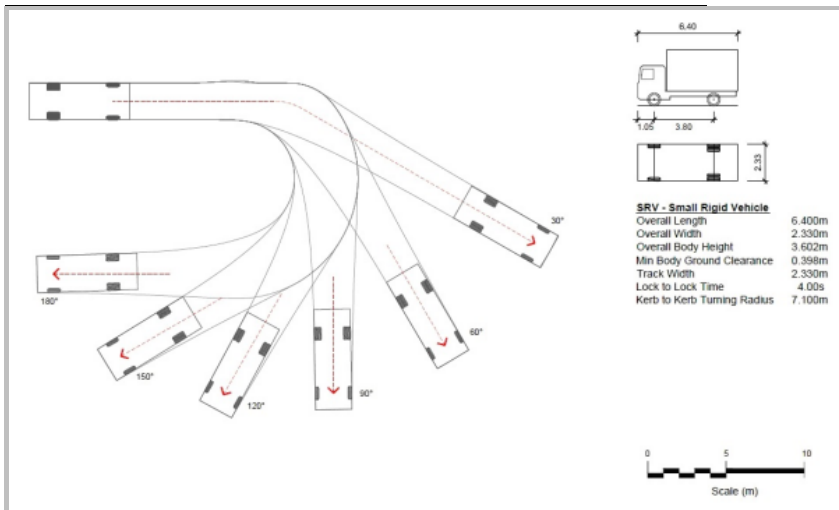


Figure 4 - Turning area for Small Rigid Vehicles

**Advice note:**

1. The source of this tracking curve is Australian Standard Parking Facilities Part 2: Off street commercial vehicle facilities, AS 2890.2:2002

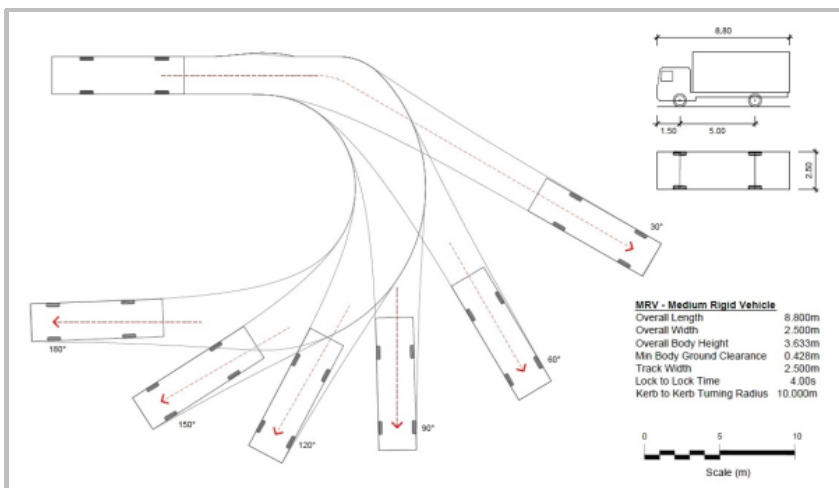


Figure 5 - Turning area for Medium Rigid Vehicles

**Advice note:**

1. The source of this tracking curve is Australian Standard Parking Facilities Part 2: Off street commercial vehicle facilities, AS 2890.2:2002.

## Appendix 7.5.4 85 percentile design motor car

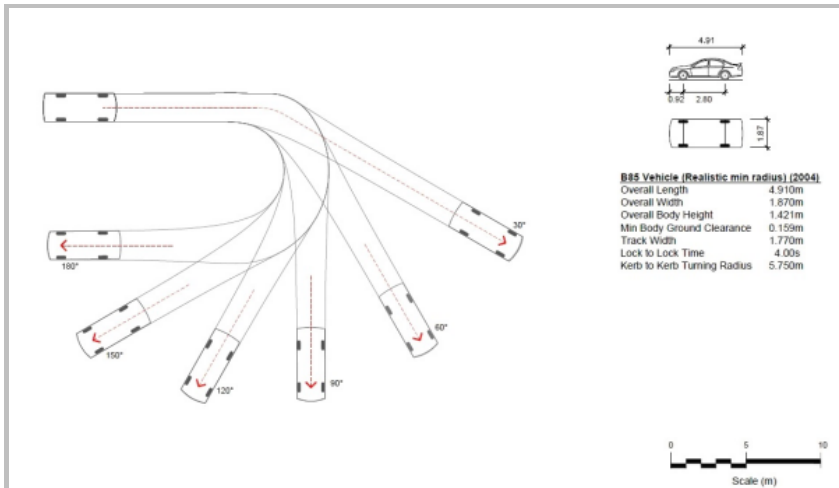


Figure 6 - 85 percentile design motor car

Advice note:

1. The source of this tracking curve is Australian/New Zealand Standard Offstreet Parking, Part 1: Car Parking Facilities, [AS/NZS 2890.1:2004](#).

## Appendix 7.5.5 99 percentile design vehicle

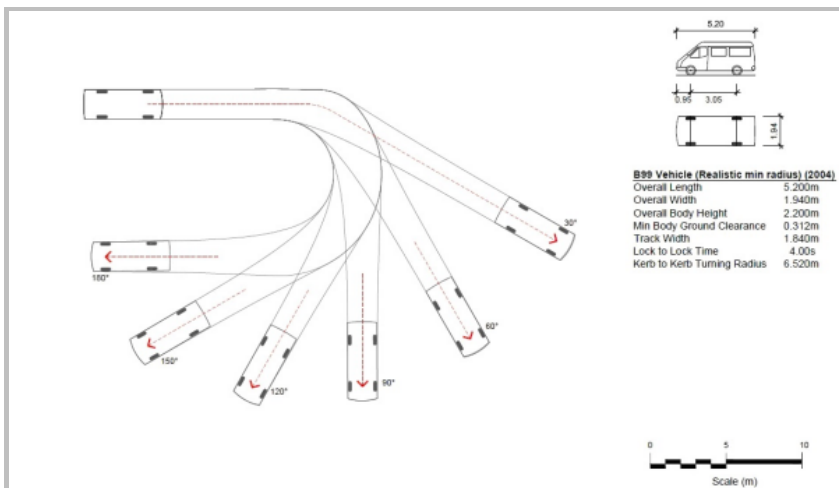


Figure 7 - 99 percentile design vehicle

Advice note:

1. The source of this tracking curve is Australian/New Zealand Standard Offstreet Parking, Part 1: Car Parking Facilities, [AS/NZS 2890.1:2004](#).

## Appendix 7.5.6 Manoeuvring for parking areas and loading areas

- a. **Parking spaces** shall be located so as to ensure that no vehicle is required to carry out any reverse manoeuvring when moving from any **vehicle access** to any **parking spaces**, except for parallel **parking spaces**.
- b. **Parking spaces** and **loading spaces** shall be located so that vehicles are not required to undertake more than one reverse manoeuvre when manoeuvring out of any **parking space** or **loading space**.
- c. For any activity, the **vehicle access manoeuvring area** shall be designed to accommodate the 85th percentile design motor car, as specified in Appendix 7.5.4, as a minimum.

## Appendix 7.5.7 Access design and gradient

- a. All **vehicle access** to and within a **site** shall be in accordance with the standards set out in Table 7.5.7.1 below. For the purposes of Table 7.5.7.1 **visitor accommodation** for up to ten guests shall comply with the standards for **residential activities**.

- b. Any **vehicle accesses** longer than 50 metres and with a formed width less than 5.5 metres wide shall provide passing opportunities (with a minimum width of 5.5 metres) at least every 50 metres, with the first being at the **site boundary**.
- c. Outside of an **Urban intensification area**, where a vehicle access serves nine or more parking spaces or residential units and there is no other pedestrian and/or cycle access available to the site then a minimum 1.5 metres wide space for pedestrians and/or cycle shall be provided and the legal width of the access shall be increased by 1.5 metres.
- d. Within an **Urban intensification area**, for developments of four or more units where one or more units has no direct access to a road and where no vehicle access is provided, a dedicated communal pedestrian access shall be provided that has a minimum unobstructed width of 3 metres with a formed pathway of 1.5m;
- e. Within an **Urban intensification area**, where a vehicle access serves four to 15 parking spaces or residential units, and there is no other pedestrian and/or cycle access available to the site, then a minimum 1.5m wide space for pedestrian and/or cyclists shall be provided adjacent to the vehicle access.
- f. Within an **Urban intensification area**, where a vehicle access serves 16 or more parking spaces or residential units, then a separate pedestrian access shall be provided that has a minimum unobstructed width of 3m with a formed pathway of 1.5m.
- g. All **vehicle access** to and /or from a **site** in a residential zone, shall allow clear visibility above 1 metre within a triangle measured for a width of at least 1.5 metres either side of the entrance, and for a length at least:
  - i. 2 metres measured from the **road boundary**, outside an Urban intensification area:
  - ii. 1.5 metres measured from the **road boundary**, within an Urban intensification area.

This rule does not apply to sites that have an existing vehicle access, unless there has been a change in the location of the entrance of the vehicle access (at the road boundary) and/or an increase in the number of residential units that the vehicle access serves. Where the vehicle access is located less than 1.5m from a side boundary of the site, then the required width of clear visibility triangle on that side of the access shall be the distance between the vehicle access and the side boundary. For the avoidance of doubt the clear visibility triangle does not extend into an adjacent site. This requirement does not apply, if an audio and visual method of warning pedestrians of the presence of vehicles about to exit the access point or a visibility splay as per Rule 7.4.3.7 has been provided.

- h. Where **parking spaces** are provided in separate areas, then the connecting **vehicle access** between the **parking areas** shall be in accordance with the standards in Table 7.5.7.1 based on the number of **parking spaces** served.
- i. The minimum and maximum widths shall be measured at the **road boundary** and apply within the **site** until the first **vehicle control point**.
- j. For the purposes of access for firefighting, where a **building** is either:
  - i. located in an area where no fully reticulated water supply system is available; or
  - ii. located further than 75 metres from the nearest **road** that has a fully reticulated water supply system including hydrants (as required by **NZS 4509:2008**), **vehicle access** shall have a minimum formed width of 3.5 metres and a height clearance of 4 metres. Such **vehicle access** shall be designed to be free of obstacles that could hinder access for emergency service vehicles.
- k. In car **parking buildings** there shall be a vertical clearance of not less than 2.5m above car park spaces for people whose mobility is restricted, and along the full length of any **accessible** route providing vehicular **access** to those car **parking spaces**.
- l. Where a mix of activities is proposed, the largest relevant dimension is applicable.
- m. **Emergency service facilities** do not need to comply with the maximum **formed** width, unless located on a **key pedestrian frontage**.
- n. In **Central City**, height refers to the minimum clear height from the surface of the formed **access**.
- o. Any **access** located on a Central City 'Active Frontage and Verandas' as shown on the planning maps shall have a maximum formed width of 7 metres.
- p. The maximum gradient at any point on a **vehicle access** shall be in accordance with Table 7.5.7.2, except a maximum gradient of 1 in 5 (minimum 4.0 metres long transition ramps for a change of grade 1 in 8 or greater) shall apply for **accesses** that are identified in (j). For curved accesses, the maximum gradient shall be measured on the inside of a curved **vehicle access**.
- q. The maximum change in gradient without a transition shall be no greater than 1 in 8 (12.5%). Changes of grade of more than 1 in 8 (12.5%) shall be separated by a minimum transition length of 2 metres (see Figure 9 for an example).
- r. Where the gradient exceeds 1 in 10 (10%) the **vehicle access** is to be sealed with a surface that enables safe **access** in wet or icy conditions.
- s. Where a **vehicle access** serves more than six car **parking spaces** (or more than six **residential units**) and a footpath is provided on the **frontage road**, the gradient of the first 4.5 metres measured from the **road boundary** into the **site** shall be no greater than 1 in 10 (10%) (see Figure 10 for an example).

**Advice note:**

1. See 7.4.3.4 for when onsite manoeuvring is required.
2. The difference between minimum **formed** width and minimum legal width may be utilised for planting.
3. For accesses of less than 6m the **vehicle control point** is at the property boundary.
4. Design guidance for ramp design may be obtained from the [Australian/New Zealand Standard for Offstreet Parking, Part 1: Car Parking Facilities](#), and any subsequent amendments. Compliance with the Australian/New Zealand Standard is recommended, but is not a requirement to achieve permitted activity status.

Table 7.5.7.1 - Minimum requirements for private ways and vehicle access

	Activity	Number of marked parking spaces provided (For residential activities, the number of residential units)	Minimum legal width (metres)	Minimum formed width (metres) (refer to b)	Maximum formed width (metres)	Central City Height clearance (metres)
a.	Residential activity and offices	1 to 3	3.0 outside an Urban intensification area  4.0 within an Urban intensification area  (refer to g)	2.7 outside an Urban intensification area  3.0 within an Urban intensification area	4.5	4.0
b.	Residential activity and offices	4 to 8	3.6 outside an Urban intensification area (refer to g)  4.6 within an Urban intensification area (refer to g)	3.0	6.0	4.0
c.	Residential activity and offices	9 to 15	5.0 outside an Urban intensification area (refer to c and g)  6.0 within an Urban intensification area (refer to d and e)	4.0 outside an Urban intensification area  5.0 within an Urban intensification area	6.0	4.0
d.	All other activities	1 to 15 <sup>1</sup>	5.0 (refer to c and e)	4.0	7.0	4.0
e.	All activities	More than 15	6.5 (refer to c and f)	5.5	9.0	4.0

<sup>1</sup> Any activity that has 1 to 15 parking spaces, but requires a swept path of 9 metres for a large vehicle, shall comply with row e. unless located on a Key Pedestrian Frontage.

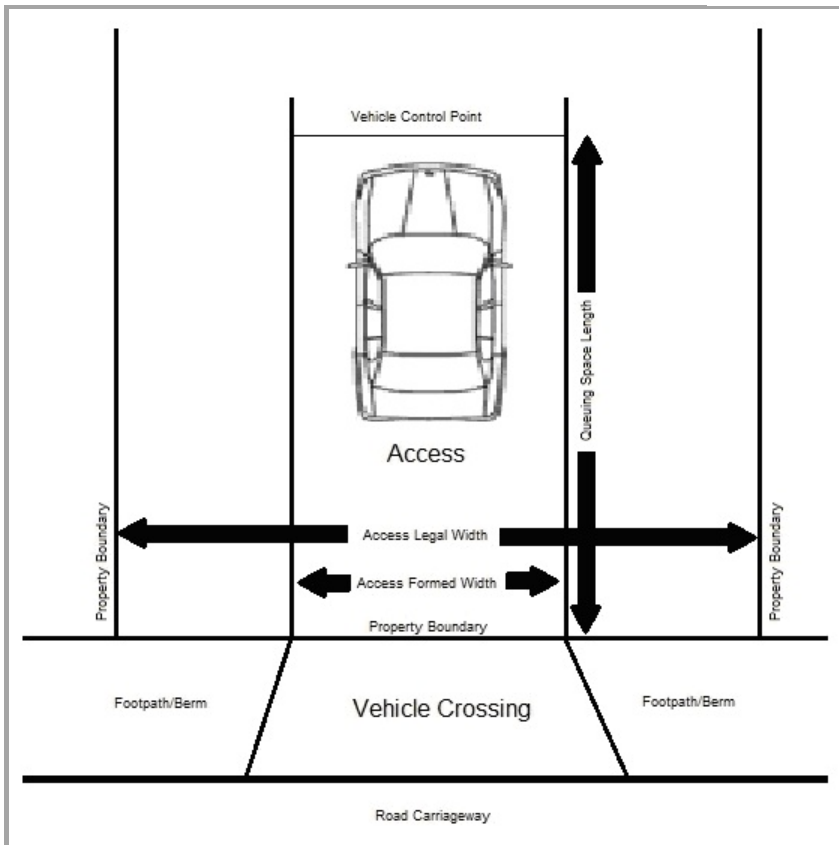


Figure 8 - Explanation of the location of aCESS design standards

Table 7.5.7.2 - Maximum gradients for vehicle access

a. Straight Ramps - Private car parking spaces or residential activities

Length	Gradient
Up to 20 metres <sup>1</sup>	1 in 4 (25%)
More than 20 metres	1 in 5 (20%)

<sup>1</sup> For access to 1 or 2 car parking spaces the maximum gradients can be 1 in 4 (25%) for any length

b. Straight Ramps - All other car parking spaces

Length	Gradient
Up to 20 metres	1 in 5 (20%)
More than 20 metres	1 in 6 (16.7%)

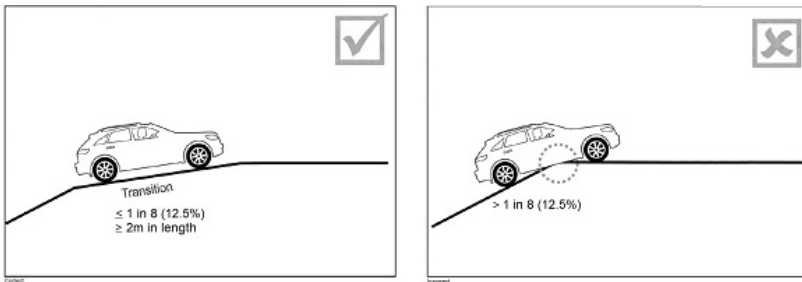


Figure 9 - Example of correct and incorrect vehicle access gradient transition.

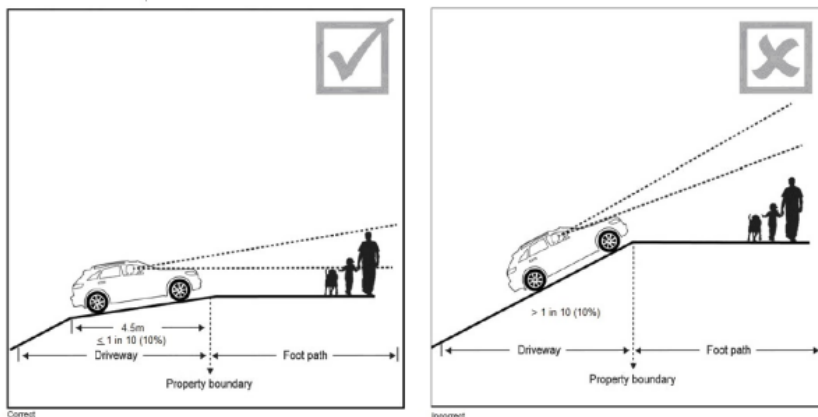


Figure 10 - Example of correct and incorrect vehicle access gradients in relation to footpaths.

## Appendix 7.5.8 Queuing spaces

- On-site queuing spaces shall be provided for all vehicles entering a parking area or loading area in accordance with Table 7.5.8.1.
- Queuing spaces shall be available during hours of operation.
- Where the parking area has more than one access, the number of parking spaces may be apportioned between the accesses in accordance with their potential usage for the calculation of the queuing space.
- Queuing space length shall be measured from the road boundary to the nearest vehicle control point or point where conflict with vehicles already on the site may arise (see Figure 8).

Table 7.5.8.1 - Queuing spaces

		Minimum queuing space (metres), if access serves:	
Number of parking spaces provided (For residential activities - the number of residential units)		Car parking spaces accessed from local roads and collector roads and local distributor roads	Car parking spaces accessed from main distributor roads and arterial roads
a.	4 - 10	0	6.0
b.	11 - 20	6.0	12.0
c.	21 - 50	12.0	
d.	51 - 100	18.0	
e.	101 - 150	18.0	
f.	151 or over	24.0	

## Appendix 7.5.9 Visibility splay

- The visibility splay areas (as shown on Figure 11) are to be kept clear of obstructions in all cases for visibility reasons. Landscaping or other features may be contained within the visibility splay areas, as long as it does not exceed 0.5 metres in height.
- If the access is 4.5 metres wide or greater, and the access provides for two-way traffic flow, then there is no requirement to provide a visibility splay

on the side of the access marked with an 'X' in Figure 11.

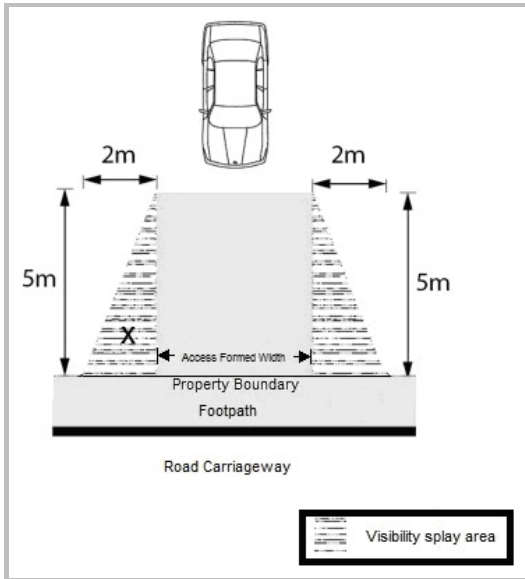


Figure 11 - Visibility splay measurement

## Appendix 7.5.10 Design of rural vehicle crossings

- a. Design for vehicle crossings on arterial roads and collector roads with a speed limit of 70km/hr or greater shall comply with the relevant figure in accordance with Table 7.5.10.1.

Table 7.5.10.1 - Design of rural vehicle crossings

	Heavy vehicle movements per week	Volume of traffic using the vehicle crossing per day	Is the vehicle crossing located on a state highway?	Which figure to use for vehicle crossing design
a.	≤ 1	1 - 30	No	12
b.	≤ 1	1 - 30	Yes	14
c.	≤ 1	31 - 100	Yes or No	14
d.	> 1	1 - 30	Yes or No	13
e.	> 1	31 - 100	Yes or No	14

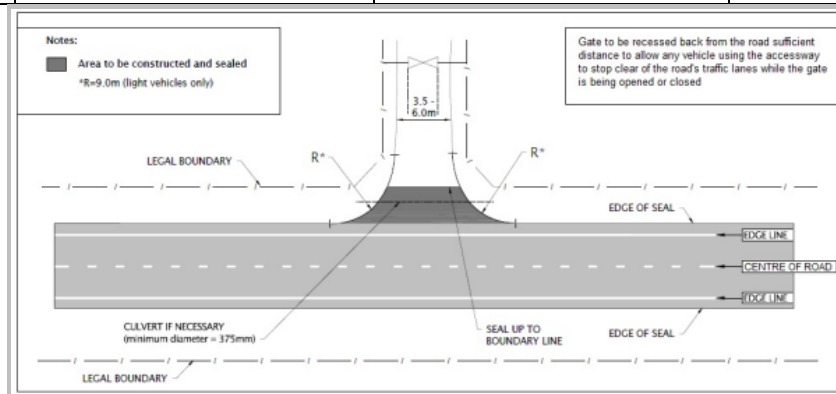


Figure 12 - Design of rural vehicle crossings without shoulder widening

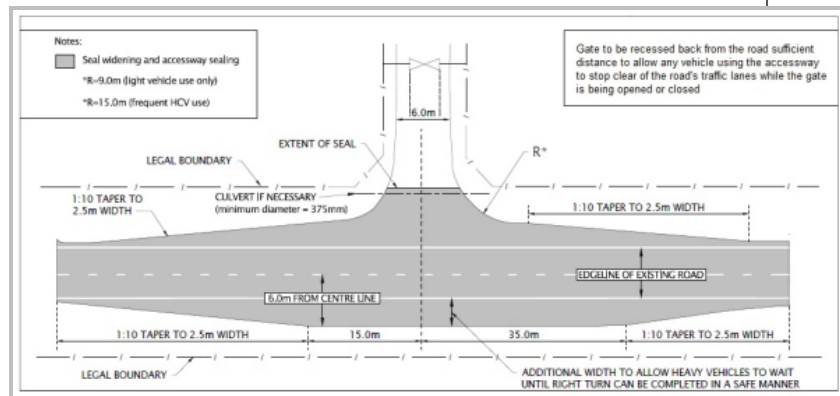


Figure 13 - Design of special use rural vehicle crossings

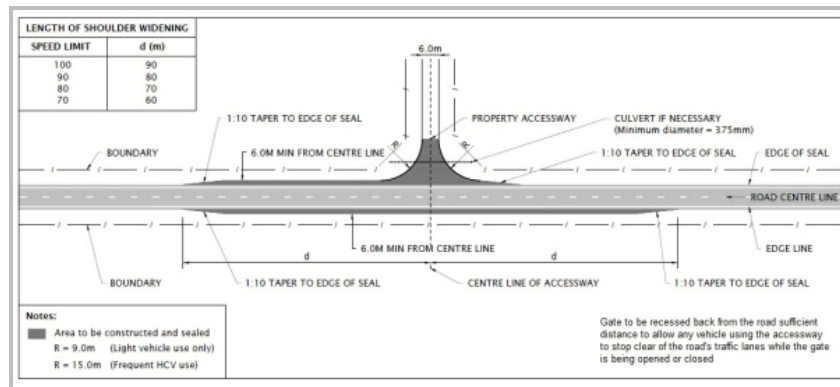


Figure 14 - Design of rural vehicle crossings with shoulder widening

Advice note:

1. R = radius
2. HCV = Heavy commercial vehicle (see 'heavy vehicle' for definition)

## Appendix 7.5.11 Standards for the location of vehicle crossings

- a. Vehicle crossings to a frontage road with a speed limit of 70 km/hr or greater shall have a minimum spacing to an adjacent vehicle crossing on the same side of the frontage road, on the same or an adjacent site, in accordance with the minimum distances set out in Table 7.5.11.1.

Table 7.5.11.1 - Minimum distance between vehicle crossings (distance in metres)

Type of road frontage		Arterial	Collector	Local
Frontage road speed limit (km/h)				
a.	70	40	40	40
b.	80	100	70	50
c.	90	200	85	65
d.	100	200	105	80

- b. Where the boundaries of a site do not enable any vehicle crossing to conform to the above distances, a single vehicle crossing for the site may be constructed in the position which most nearly complies with the provisions of Table 7.5.11.1.
- c. The maximum number of vehicle crossings permitted on each road frontage of any site shall be in accordance with Table 7.5.11.2 (outside the Central City) and Table 7.5.11.3 (within the Central City).

Table 7.5.11.2 - Maximum number of vehicle crossings outside the Central City

Type of road frontage				
	Frontage length (metres)	Local road and collector road	Minor arterial road	Major arterial road
a.	0 - 16	1	1	1
b.	> 16 - 60	2	1	1
c.	> 60 - 100	2	2	1
d.	> 100	3	2	2

Table 7.5.11.3 - Maximum number of vehicle crossings within Central City

Type of road frontage				
	Frontage length (m)	Inner Core Streets (See Figure 7.15)	Arterial Route	All other streets
a.	0 - 16	1	1	1
b.	> 16 - 60	1	1	2
c.	> 60 - 100	1	1	2
d.	> 100	2	2	2

- a. Any part of a vehicle crossing shall not be located closer to the intersection of any roads than the distances specified in Table 7.5.11.4 (outside the Central City) and Table 7.5.11.5 (within the Central City).

Table 7.5.11.4 - Minimum distance of vehicle crossings from intersections outside the Central City

Speed limit < 70 km/h				
	Frontage road	Intersecting road type (distance in metres)		
		Arterial road	Collector road	Local road
a.	Arterial road	30	30	30
b.	Collector road	20	20	10
c.	Local road	20	15	10
Speed limit 70 - 90 km/h				
	Frontage road	Intersecting road type (distance in metres)		
		Arterial road	Collector road	Local road
d.	Arterial road	100	100	100
e.	Collector road	45	45	45
f.	Local road	45	45	45
Speed Limit > 90 km/h				
	Frontage road	Intersecting road type (distance in metres)		
		Arterial road	Collector road	Local road
g.	Arterial road	200	200	200
h.	Collector road	60	60	60
i.	Local road	60	60	60

Table 7.5.11.5 Minimum distance of vehicle crossings from intersections within the Central City

Intersecting road type (distance in metres)					
	Frontage road	Arterial Route	Main Distributor Street	Local Distributor Street	Local Street
a.	Arterial Route	45	30	30	25
b.	Main Distributor Street	30	30	30	10
c.	Local Distributor Street	30	30 outside the Core 15 within the Core	30 outside the Core 15 within the Core	10 outside the Core 6 within the Core
d.	Local Street	15	15 outside the Core 10 within the Core	15 outside the Core 10 within the Core	10 outside the Core 6 within the Core

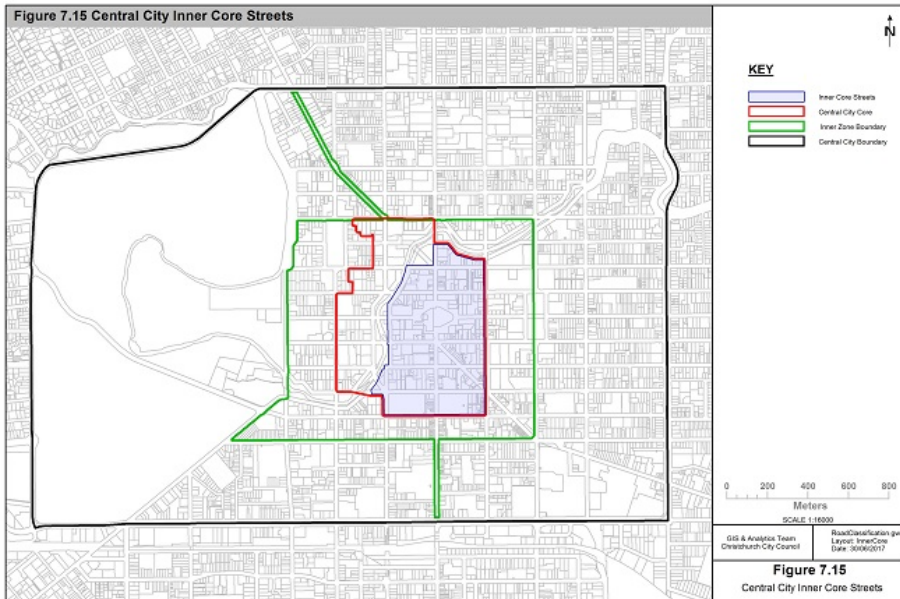


Figure 15 Inner Core Streets

- Where the boundaries of a site do not enable any vehicle crossing to conform to the above distances, a single vehicle crossing may be constructed in the position which most nearly complies with the provisions of Table 7.5.11.4 (outside the Central City) and Table 7.5.11.5 (within the Central City).
- The measurement of the distances between the vehicle crossings and intersections shall be in accordance with Figure 16 (outside the Central City) and Figure 17 (within the Central City).

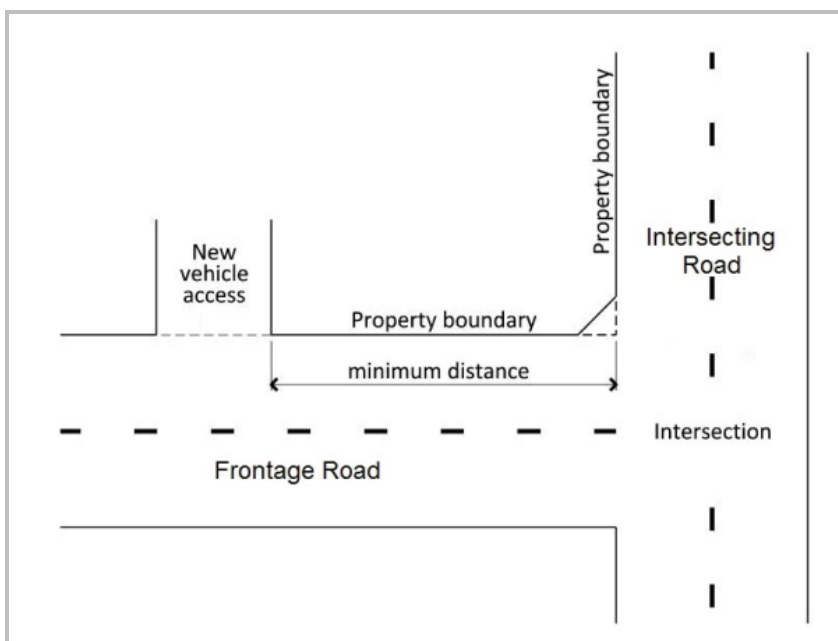


Figure 16 - Minimum distance of vehicle crossings from intersections outside the Central City

Advice note:

1. Outside the Central City, the minimum distance of vehicle crossings from intersections only applies to an intersection on the same side of the road as the site.

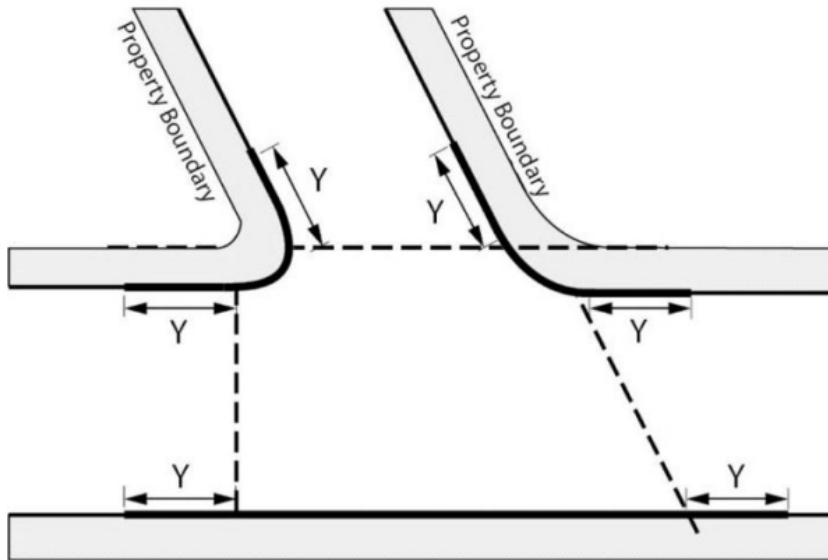


Figure 17 - Minimum distance of vehicle crossings from intersections within the Central City

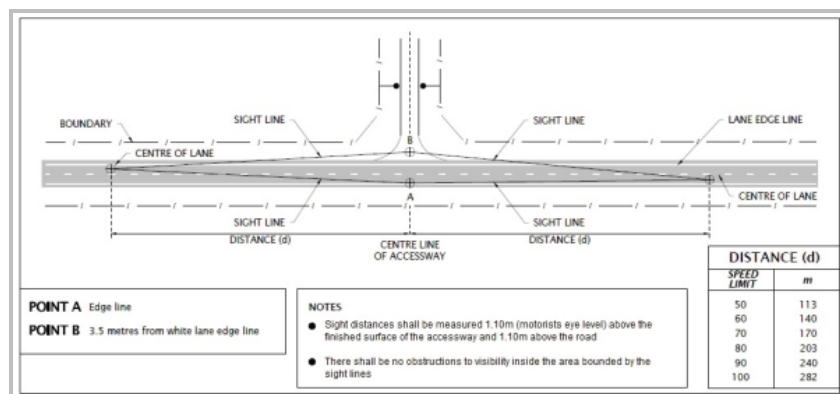


Figure 18 - Minimum sight lines for vehicle crossing for rural roads

## Appendix 7.5.12 Road classification system

- a. The purpose of Appendix 7.5.12 is to outline the Road Classification System, which is used to distinguish roads into categories, as some of the rules in the District Plan only apply to some of the roads in a particular category.

### 1. Description of the Road Classification System

#### a. Functional hierarchy (Movement and Place Functions):

- i. The Road Classification System (based on the Road Classification System adopted in the Christchurch Transport Strategic Plan) presents a dual role for roads by applying a 'place' (land use) function for roads, alongside a 'movement' (or link) function.
- ii. The Road Classification System in the Christchurch Transport Strategic Plan has been simplified for use in the District Plan. The traditional four 'movement' function categories remain (Major arterial road, Minor arterial road, Collector road and Local road) to show the role that the road plays in moving people and goods around the transport network. Some roads have changed their classification from the previous District Plans as changes to the network have occurred over the last few years. Within the Central City the collector category is referred to and further distinguished as Main Distributors and Local Distributors to be consistent with the Christchurch Central Recovery Plan.
- iii. In addition to the four 'movement categories', four 'place categories' now sit within the system to reflect the different 'place' requirements: Rural, Industrial, Residential, and Centres. These additions to the categories take into account the surrounding land use,

and show the role the road plays in contributing to the amenity values, identity and public space of the adjoining area. All of the Central City is classified as within the centres category. However it is referred to and further distinguished as Outer Zone, Inner Zone and Core to be consistent with the Christchurch Central Recovery Plan.

- iv. When the four place types are combined with the four levels of movement function, a two-dimensional array, or 'matrix', with 16 potential cells is created. This gives roads a dual classification, of one 'place' function and one 'movement' function. This ensures, for example, that arterial roads in residential areas are managed differently to reflect their context in a different manner than arterial roads in industrial areas or local roads in residential areas.

**b. Use hierarchy (modal networks):**

- i. In addition to the functional hierarchy, a road use hierarchy has also been defined within the Christchurch Transport Strategic Plan. These networks highlight that different modes of transport have different priorities within the network. There are five modal networks defined in the Christchurch Transport Strategic Plan:
  - A. the cycle network of major, local and recreational cycle routes (including on- and off-road cycle ways, and cycle ways within rail corridors);
  - B. the core public transport route network;
  - C. the walking network;
  - D. the freight network (including the rail network); and
  - E. the strategic road network .
- ii. These networks are not specifically shown in the District Plan as they will be subject to change over time. However, they are an important part of Christchurch's transport network and will be considered as part of the Integrated Transport Assessment process.
- iii. In addition to the classification system the Christchurch Transport Strategic Plan highlights the need to manage the road network more efficiently. The Christchurch Network Management Plan is being developed to guide how the network will be managed based on user priority and the time of day, to reflect the different demands that occur on the networks and the importance of prioritising users during different times of the day.

Advice note:

1. that Appendix 8.10.3 of Chapter 8 contains the standards for new roads.
2. Summary of the Road Classification categories
  - a. Each road will have a dual classification both a 'movement' and 'place' classification (see Figures 20 (a-f) for maps of the road classification). The 'movement' and 'place' function categories are described in Table 7.5.12.1.

Table 7.5.12.1 Explanation of movement and place categories

Movement function category	Explanation
a. Major arterial roads	State Highways and key roads in Christchurch District that cater especially for longer trips. Major arterial roads are the dominant elements of the roading network which connect the major localities of the region, both within and beyond the main urban area, and link to the most important external localities. Some major arterials, particularly some state highways, serve an important bypass function within Christchurch District, directing traffic through it to areas beyond. They are managed to minimise adverse effects from access on network efficiency. All motorways within Christchurch District are classified as major arterial roads.
b. Minor arterial roads	Roads that provide connections between major arterial roads and the major rural, suburban and industrial areas and commercial centres. Generally, these roads cater for trips of intermediate length. They will generally connect to other minor arterial roads and major arterial roads and to collector roads. Arterial roads provide the most important movement function and as such require the highest degree of movement function protection. They may also define the boundaries of neighbourhood areas.
c. Collector roads	Roads that distribute and collect local traffic between neighbourhood areas and the arterial road network. These are of little or no regional significance, except for the loads they place on the arterial road network. They link to the arterial road network and act as local spine roads, and often as bus routes within neighbourhoods, but generally do not contain traffic signals. Their traffic movement function must be balanced against the significant property access function which they provide. Collector roads within the Central City are known as distributor roads. These roads have a similar 'movement' function to the distributor streets in the Central City, which are shown in the Christchurch Central Recovery Plan.
d. Main Distributor Streets (within Central City only)	A specific type of collector road which form key movement corridors into the Central City from the surrounding areas. Main Distributor Streets are the second highest order link types within the Central City and form key movement corridors within the Central City from surrounding areas.
e. Local Distributor Streets (within Central City only)	A specific type of collector road which are important for distribution of traffic to parking precincts or provide for public transport movements. Local Distributor Streets are the third highest order link types and are important for the distribution of traffic to parking precincts, or to provide for public transport movement.
f. Local roads	All other roads in Christchurch District. These roads function almost entirely for access purposes and are not intended to act as through routes for motor vehicles
<b>Place function category (outside the Central City)</b>	
g. Urban (Centres)	Any road that is adjacent to a Commercial Zone. These are the areas which are shown as the Urban (Centres) Place Type on the Road Classification Maps (Figures 20 (a-f)).
h. Urban (Industrial)	Any road that is adjacent to an Industrial Zone. These are the areas which are shown as the Urban (Industrial) Place Type on the Road Classification Maps (Figures 20 (a-f)) <sup>1</sup> .
i. Urban (Residential)	All other roads within the existing urban area as defined by Map A of Chapter 6 of the Canterbury Regional Policy Statement, as well as roads that are adjacent to any other Residential Zone in Christchurch District. These are the areas which are shown as the Urban (Residential) Place Type on the Road Classification Maps (Figures 20 (a-f)).
j. Rural	All roads outside the existing urban area as defined by Map A of Chapter 6 of the Canterbury Regional Policy Statement, except for roads adjoining to any Residential, Industrial, and/or Commercial Zone in Christchurch District. Rural roads are generally the roads classified as rural or semirural in the road classification system in the Christchurch Transport Strategic Plan.
<b>Place Function Category (within the Central City)</b>	
k. Core	Any road within the core as shown on Figure 19.
l. Inner zone	Any road that is within an area bordered by Kilmore, Madras, St Asaph Streets and the eastern edge of Hagley Park, and also all of Victoria Street, and Colombo Street between St Asaph St and Moorhouse Ave. This area is shown on the Road Classification Map - Figure 19.
m. Outer zone	Any other road within the Central City.

<sup>1</sup> If a road is adjacent to a Commercial Zone on one side of the road and adjacent to an Industrial Zone on the other side of the road, then the place function is Urban (centres).

Figure 19: Central City Road Classification Map



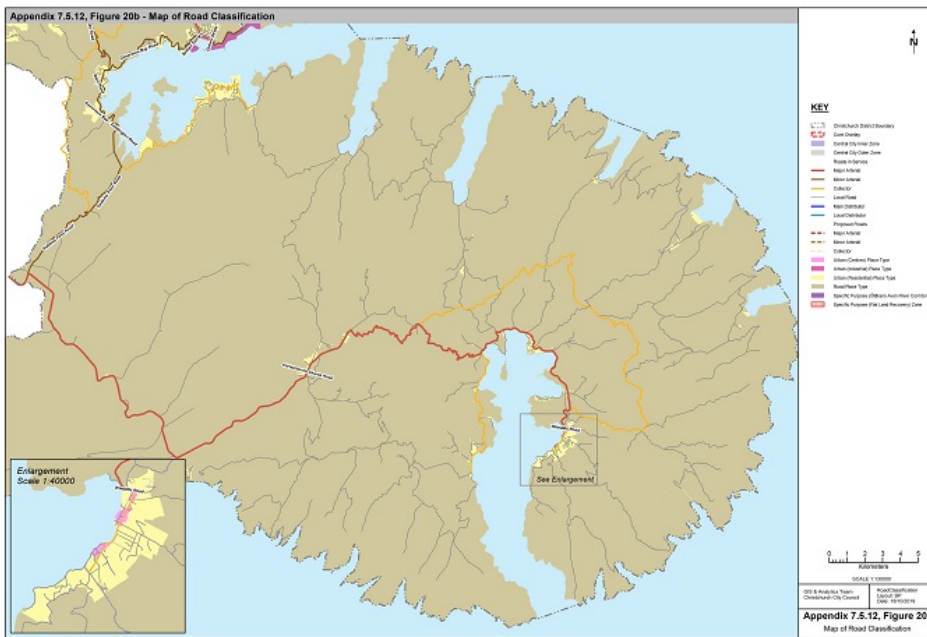


Figure 20c - Road Classification Map Enlargement

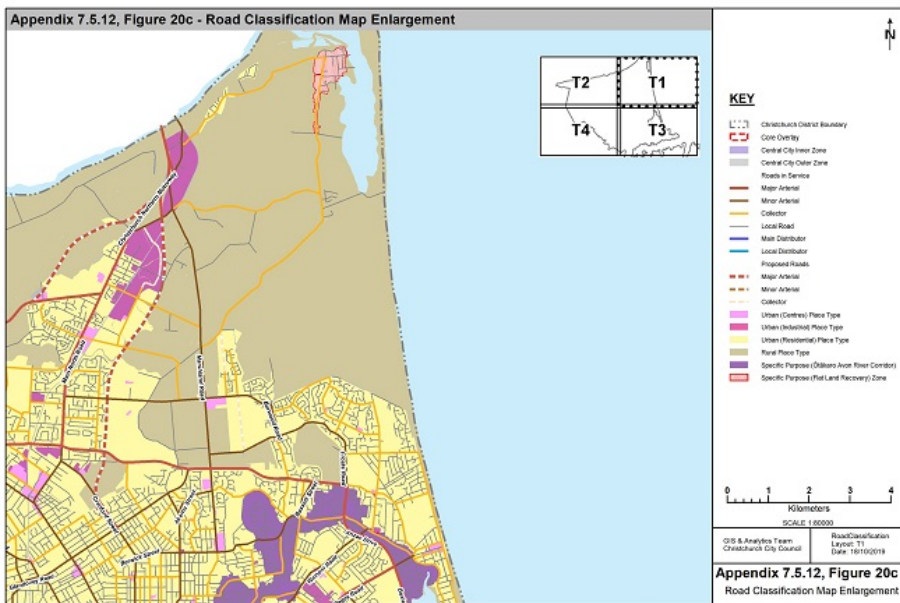


Figure 20d - Road Classification Map Enlargement

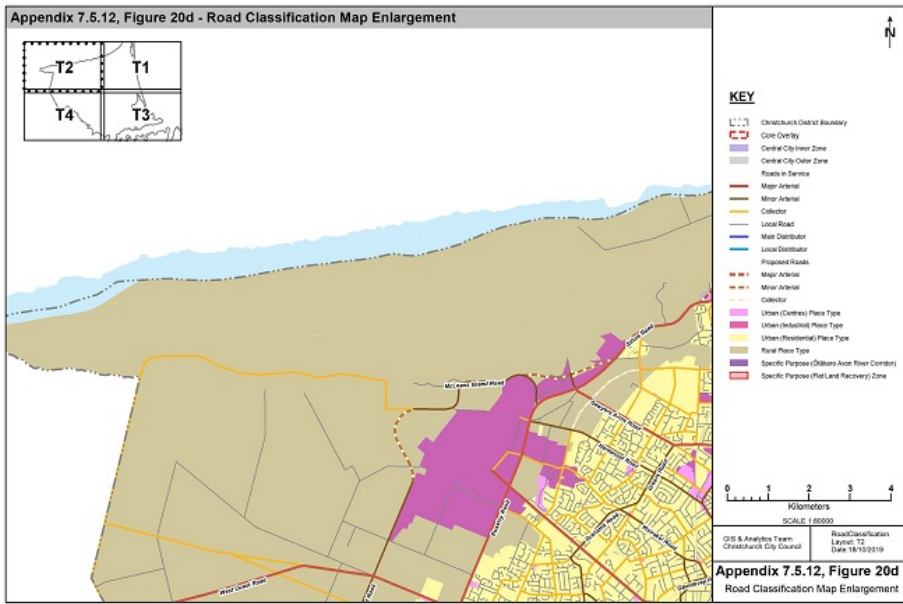


Figure 20e - Road Classification Map Enlargement

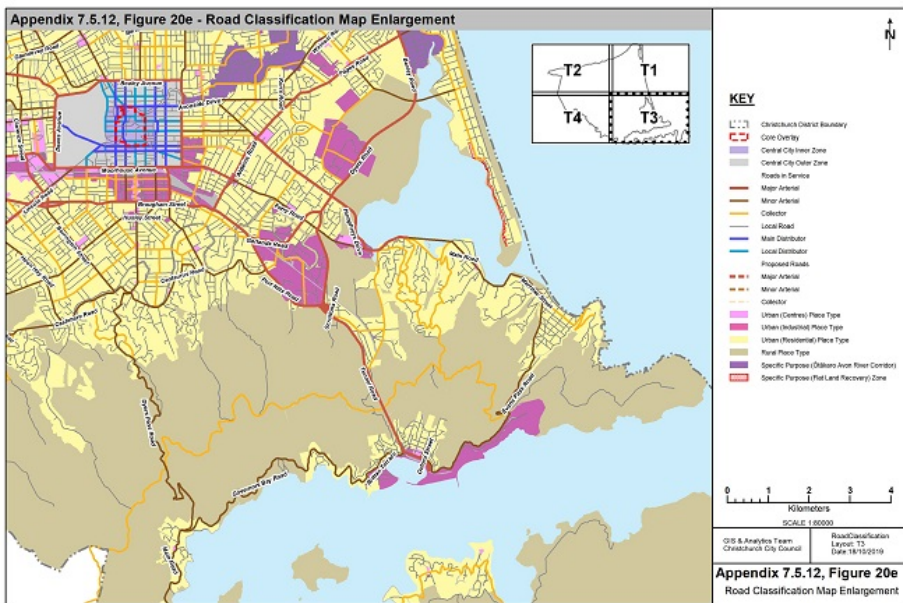


Figure 20f - Road Classification Map Enlargement

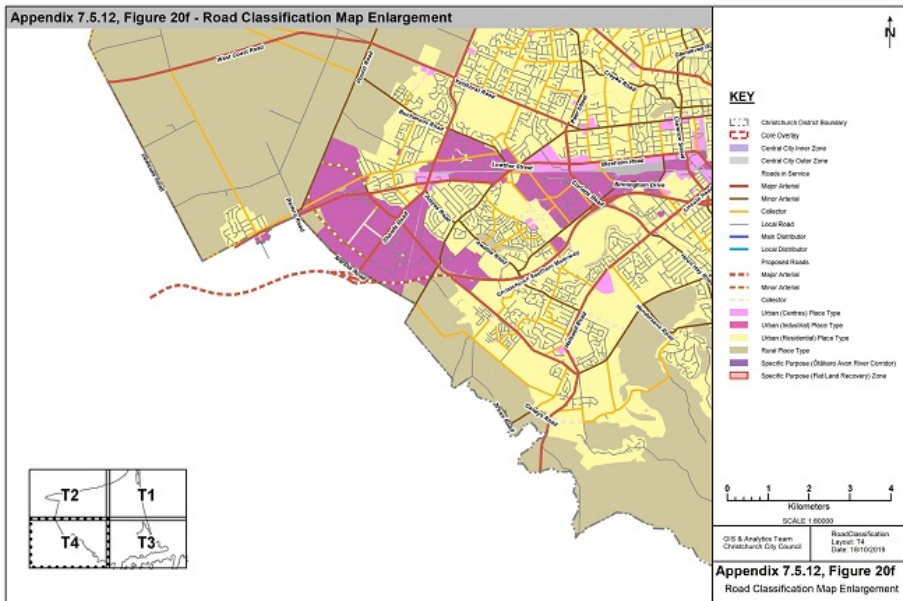


Table 7.5.12.2 - List of Arterial roads and Collector roads

Road	Classification
Acheson Avenue (Emmett Street - Hills Road)	Collector
Aidanfield Drive (Halswell Road - Wigram Road)	Collector

Road	Classification
Akaroa Street (Briggs Road - Hills Road)	Minor arterial
Aldwins Road (Ferry Road - Linwood Avenue)	Major arterial
Alvaston Drive (Patterson Terrace - Halswell Junction Road)	Collector
Ambleside Drive (Grahams Road - Kendal Avenue)	Collector
Amyes Road (Shands Road - Springs Road)	Minor arterial
Annex Road (Blenheim Road - Birmingham Drive)	Collector
Antigua Street (Moorhouse Avenue - Brougham Street)	Collector
Antigua Street (Tuam Street - St Asaph Street)	Local Distributor Street
Anzac Drive (Travis Road - Bexley Road)	Major Arterial
Apsley Drive (Withells Road - Cutts Road)	Collector
Armagh Street (Cranmer Square (east side) - Colombo Street)	Local Distributor Street
Armagh Street (Montreal Street - Cranmer Square (east side))	Main Distributor Street
Athol Terrace (Brodie Street - Peer Street)	Collector
Avondale Road (Breezes Road - New Brighton Road)	Collector
Avonhead Road (Yaldhurst Road - Russley Road)	Collector
Avonside Drive (Fitzgerald Avenue - Linwood Avenue)	Minor arterial
Avonside Drive (Swanns Road - Retreat Road West)	Collector
Avonside Drive (Retreat Road East - Wainoni Road)	Collector
Awatea Road (Springs Road - Dunbars Road)	Minor Arterial
Aylesford Street (Westminster Street - Hills Road)	Collector
Aynsley Terrace (Opawa Road - Garlands Road)	Collector
Balcairn Street (Hindness St - Revell Street)	Collector

Road	Classification
Barbadoes Street (Bealey Avenue - Warrington Street)	Collector
Barbadoes Street (Bealey Avenue - Moorhouse Avenue)	Main Distributor Street
Barrington Street (Jerrold Street South - Cashmere Road)	Minor arterial
Barrington Street (Jerrold Street South - Lincoln Road)	Major arterial
Barthers Road (Waterloo Road - Main South Road)	Minor arterial
Bassett Street (Travis Road - New Brighton Road)	Minor arterial
Beach Road (Frosts Road - Marine Parade)	Collector
Beach Road, Akaroa (Rue Lavaud - Rue Jolie)	Collector
Bealey Avenue (Park Terrace - Fitzgerald Avenue)	Major arterial
Belfast Road (Main North Road - Marshland Road)	Collector
Belleview Terrace (Major Hornbrook Road - Mt Pleasant Road)	Collector
Beresford Street (Hardy Street - Marine Parade)	Collector
Berwick Street (Cranford Street - Forfar Street)	Minor arterial
Bexley Road (Anzac Drive - Breezes Road)	Major arterial
Birdwood Avenue (Eastern Terrace - Sandwich Road)	Collector

Road	Classification
Birmingham Drive (Annex Road - Wrights Road)	Minor Arterial
Blakes Road (Belfast Road - Radcliffe Road)	Collector
Blenheim Road (Main South Road - Moorhouse Ave)	Major arterial
Blighs Road (Wairakei Road - Papanui Road)	Collector
Blighs Road (Wairakei Road - Idris Road)	Collector
Bowenvale Avenue Bridge (Centaurus Road - Eastern Avenue)	Collector
Bower Avenue (New Brighton Road - Broadhaven Avenue)	Collector
Bowhill Road (Palmers Road - Marine Parade)	Collector
Breens Road (Wairakei Road - Harewood Road)	Collector
Breezes Road (Avondale Road - Pages Road)	Collector
Breezes Road (Pages Road - Bexley Road)	Minor arterial
Bridge Street (Bexley Road - Estuary Road)	Minor arterial
Bridge Street (Estuary Road - Marine Parade)	Collector
Bridle Path Road (Main Road - Tunnel Road)	Collector
Briggs Road (Innes Road - Akaroa Street)	Collector
Briggs Road (Akaroa Street - Marshland Road)	Minor arterial
Brittan Terrace (Simeon Quay - Park Terrace)	Minor Arterial
Broadhaven Avenue (Queenspark Drive - Bower Avenue)	Collector
Brodie Street (Parkstone Avenue - Athol Terrace)	Collector
Brougham Street (Simeon Street - Opawa Road) (Southeast of Heathcote River)	Major arterial

Road	Classification
Buchanans Road (Racecourse Road - Pound Rd)	Minor arterial
Buchanans Road (Pound Rd - Old West Coast Road)	Collector
Buckleys Road (Linwood Avenue - Rudds Road)	Major arterial
Burlington Street (Huxley Street - Brougham Street)	Minor arterial
Burnbrae Street (Tennyson Street - St Martins Road)	Collector
Burwood Road (Lake Terrace Road - Mairehau Road)	Collector
Burwood Road (Mairehau Road - Waitikiri Drive)	Minor arterial
Byron Street (Colombo Street - Waltham Road)	Collector
Cambridge Terrace (Gloucester Street - Cashel Street)	Main Distributor Street
Candys Road (Sabys Road - Halswell Road)	Minor arterial
Carlton Mill Road (Harper Avenue - Rossall Street)	Minor arterial
Carmen Road (Main South Road - Masham Road)	Major arterial
Cashel Street (Linwood Avenue - Fitzgerald Avenue)	Collector
Cashmere Road (Kennedys Bush Road - Hendersons Road)	Collector

Road	Classification
Cashmere Road (Hendersons Road - Colombo Street)	Minor arterial
Caspian Street (Ebbtide Street - Rockinghorse Road)	Collector
Caulfield Avenue (Murphys Road - Hamill Road)	Collector
Cavendish Road (Northcote Road - Veitches Road)	Collector
Cavendish Road (Grampian Street - Styx Mill Road)	Collector
Centaurus Road (Colombo Street - Port Hills Road)	Minor arterial
Chapmans Road (Port Hills Road - Cumnor Terrace)	Collector
Charteris Bay Road (Governors Bay Teddington Road - Marine Drive)	Collector
Chattertons Road (McLeans Island Road - West Coast Road)	Collector
Checketts Avenue (Ensign Street - Wales Street)	Collector
Christchurch Akaroa Road (Selwyn District Boundary - Woodhills Road)	Major arterial
Clarence Street (Riccarton Road - Blenheim Road)	Minor arterial
Clarence Street (Blenheim Road - Whiteleigh Avenue)	Major arterial
Claridges Road (Gardiners Road - Grampian Street)	Collector
Clyde Road (Riccarton Road - Greers Road)	Collector
Cobham Street (Barrington Street - Lyttelton Street)	Collector
Colombo Street (Bealey Avenue - Gloucester Street)	Local Distributor Street
Colombo Street (Centaurus Road - Brougham Street)	Minor arterial
Colombo Street (Brougham Street - Moorhouse Avenue)	Collector
Colombo Street (Lichfield Street - Moorhouse Avenue)	Local Distributor Street
Condell Avenue (Greers Road - Blighs Road)	Collector

Road	Classification
Connaught Drive (Halswell Junction Road - Produce Place)	Collector
Coronation Street (Barrington Street - Selwyn Street)	Collector
Corsair Drive (Springs Road - Kittyhawk Avenue)	Collector
Courtenay Street (Trafalgar Street - Westminster Street)	Collector
Cranford Street (Edgeware Road - Innes Road)	Minor arterial
Cranford Street (Innes Road - Northern Arterial Extension)	Major arterial
Cranford Street (Northern Arterial Extension - Main North Road)	Minor arterial
Cranmer Square (east side) (Kilmore Street - Armagh Street)	Main Distributor Street
Cresswell Avenue (Gayhurst Road - westwards - New Brighton Road)	Collector
Creyke Road (Clyde Road - Ilam Road)	Minor arterial
Croydon Street (Southampton Street - Huxley Street)	Collector
Cumnor Terrace (Maunsell Street - Chapmans Road)	Collector
Curletts Road (Halswell Road - Yaldhurst Road)	Major arterial
Curries Road (Port Hills Road - Maunsell Street)	Collector
Cuthberts Road (Ruru Road - Breezes Road)	Collector

Road	Classification
Cutts Road (Yaldhurst Road - Woodbury Street)	Collector
Daniels Road (Main North Road - Grimseys Road)	Collector
Dawsons Road (Jones Road - West Coast Road)	Minor arterial
Deans Avenue (Moorhouse Avenue - Harper Avenue)	Major arterial
Disraeli Street (Selwyn Street - Orbell Street)	Collector
Dunbars Road (Awatea Road - Halswell Road)	Minor arterial
Dunbars Road (Awatea Road - Wigram Road)	Collector
Durham Street North (Bealey Avenue - Gloucester Street)	Main Distributor Street
Durham Street North (Bealey Avenue - Springfield Road)	Collector
Durham Street South (Brougham Street - Moorhouse Avenue)	Minor arterial
Durham Street South (Cashel Street - Moorhouse Avenue)	Main Distributor Street
Dyers Pass Road (Colombo Street - Governors Bay Road)	Minor arterial
Dyers Road (Ferry Road - Breezes Road)	Major arterial
Eastern Terrace (Birdwood Avenue - Bowenvale Bridge)	Collector
Ebbtide Street (Estuary Road - Caspian Street)	Collector
Edgware Road (Springfield Road - Hills Road)	Collector
Emmett Street (Briggs Road – Shirley Road)	Collector
Ensign Street (Checketts Avenue – Lillian Street)	Collector
Ensors Road (Brougham Street - Ferry Road)	Major arterial
Ensors Road (Fifield Terrace - Brougham Street)	Collector
Epsom Road (Racecourse Road - Main South Road)	Collector

Road	Classification
Estuary Road (Jervois Street – Ebbtide Street)	Collector
Evans Pass Road (Summit Road - Wakefield Avenue)	Minor arterial
Farquhars Road (Main North Road - Grimseys Road)	Collector
Farrington Avenue (Wairakei Road - Harewood Road)	Collector
Fendalton Road (Clyde Road - Deans Avenue)	Major arterial
Ferry Road (Fitzgerald Avenue - Moorhouse Avenue)	Collector
Ferry Road (Aldwins Road - Humphreys Drive)	Minor arterial
Ferry Road (Moorhouse Avenue - Aldwins Road)	Major arterial
Ferry Road (Humphreys Drive - St Andrews Hill Road)	Major arterial
Ferry Road (St Asaph Street - Fitzgerald Avenue)	Local Distributor Street
Fitzgerald Avenue (Bealey Avenue - Moorhouse Avenue)	Major arterial
Forfar Street (Winton Street - Warrington Street)	Collector
Frankleigh Street (Lyttelton Street - Barrington Street)	Minor arterial
Frosts Road (Beach Road - Travis Road)	Minor arterial
Gamblins Road (Wilson's Road - St Martins Road)	Collector
Gardiners Road (Johns Road - Harewood Road)	Collector

Road	Classification
Garlands Road (Aynsley Terrace - Opawa Expressway)	Collector
Garlands Road (Opawa Expressway - Rutherford Street)	Major arterial
Gasson Street (Brougham Street - Moorhouse Avenue)	Minor arterial
Gayhurst Road (Cresswell Avenue - Avonside Drive)	Collector
Gebbies Pass Road (Governors Bay Teddington Road - Christchurch Akaroa Road)	Minor arterial
Gilberthorpes Road (Waterloo Road - Buchanans Road)	Collector
Gladstone Quay (Norwich Quay - Cashin Quay)	Major arterial
Glandovey Road (Fendalton Road - Idris Road)	Collector
Glandovey Road (Idris Road - Rossall Street)	Minor arterial
Glenstrae Road (McCormacks Bay Road - Monks Spur Road)	Collector
Gloucester Street (Colombo Street - Madras Street)	Local Distributor Street
Gloucester Street (Fitzgerald Avenue - Gayhurst Road)	Collector
Gloucester Street (Latimer Square (east side) - Fitzgerald Avenue)	Local Distributor Street
Gloucester Street (Madras Street - Latimer Square (east side))	Main Distributor Street
Gloucester Street (Rolleston Avenue - Oxford Terrace)	Local Distributor Street
Glovers Road (Halswell Road - Kennedys Bush Road)	Collector
Goulding Avenue (Main South Road - Shands Road)	Collector
Governors Bay Road (Park Terrace - Dyers Pass Road)	Minor arterial
Governors Bay Teddington Road (Main Road, Governors Bay - Gebbies Pass Road)	Minor arterial
Grahams Road (Avonhead Road - Waimairi Road)	Collector
Grahams Road (Waimairi Road - Greers Road)	Minor arterial
Grampian Street (Veitches Road - Claridges Road)	Collector
Greers Road (Grahams Road - Sawyers Arms Road)	Minor arterial

Road	Classification
Greers Road (Waimairi Road - Grahams Road)	Collector
Grimseys Road (Queen Elizabeth II Drive - Farquhars Road)	Collector
Guildford Street (Greers Road - Grahams Road)	Collector
Hackthorne Road (Cashmere Road - Pentre Terrace)	Collector
Hagley Avenue (Riccarton Avenue - St Asaph Street)	Main Distributor Street
Hagley Avenue (St Asaph Street - Selwyn Street)	Local Distributor Street
Halswell Junction Road (Main South Road - Foremans Road)	Minor arterial
Halswell Junction Road (Main South Road - Halswell Road)	Major arterial
Halswell Junction Road (Waterloo Road - Foremans Road)	Collector
Halswell Road (Curletts Road - Old Tai Tapu Road)	Major arterial
Hamill Road (Halswell Junction Road - Caulfield Avenue)	Collector
Hammersley Avenue (Quinns Road - Marshland Road)	Collector
Hampshire Street (Wainoni Road - Breezes Road)	Collector
Hansons Lane (Riccarton Road - Blenheim Road)	Collector
Harbour Road (Kainga Road - Lower Styx Road)	Collector
Harewood Road (Orchard Road - Johns Road)	Collector
Harewood Road (Papanui Road - Johns Road)	Minor arterial
Hargood Street (Ferry Road - Linwood Avenue)	Collector
Harman Street (Lincoln Road - Selwyn Street)	Collector
Harper Avenue (Deans Avenue - Bealey Avenue)	Major arterial

Road	Classification
Harrow Street (Olliviers Road - Aldwins Road)	Collector
Hawke Street (New Brighton Road - Marine Parade)	Collector
Hawkins Road (Raddcliffe Road - Quaid's Road)	Collector
Hay Street (Linwood Avenue - Ruru Road)	Collector
Hayton Road (Symes Road - Wigram Road)	Collector
Heaton Street (Strowan Road - Papanui Road)	Minor arterial
Heberden Avenue (Nayland Street - Scarborough Road)	Collector
Hendersons Road (Halswell Road - Sparks Road)	Collector
Hendersons Road (Sparks Road - Cashmere Road)	Minor arterial
Hereford Street (Fitzgerald Avenue - Linwood Avenue)	Minor arterial
Hereford Street (Latimer Square (east side) - Fitzgerald Avenue)	Local Distributor Street
Hereford Street (Madras Street - Latimer Square (east side))	Main Distributor Street
Hereford Street (Rolleston Avenue - Madras Street)	Local Distributor Street
Highsted Road (Harewood Road - Styx Mill Road)	Collector
Hills Road (Whitmore Street - Innes Road)	Minor arterial
Hindness Street (Dunbars Road - Balcairn Street)	Collector
Holmwood Road (Fendalton Road - Rossall Street)	Collector
Hoon Hay Road (Halswell Road - Cashmere Road)	Minor arterial
Humphreys Drive (Linwood Avenue - Ferry Road)	Major arterial
Huxley Street (Colombo Street - Burlington Street)	Minor arterial
Huxley Street (Croydon Street - Burlington Street)	Collector
Idris Road (Fendalton Road - Wairakei Road)	Minor arterial

Road	Classification
Idris Road (Wairakei Road - Blighs Road)	Collector
Ilam Road (Riccarton Road - Wairakei Road)	Collector
Innes Road (Papanui Road - Queen Elizabeth II Drive)	Minor arterial
Inwoods Road (Broadhaven Avenue - Mairehau Road)	Collector
Jarnac Boulevard (Buchanans Road - Millesimes Way)	Collector
Jeffreys Road (Clyde Road - Idris Road)	Collector
Jerrold Street North (Collins Street - Barrington Street)	Major arterial
Jerrold Street South (Collins Street - Barrington Street)	Major arterial
Johns Road (Harewood Road - Main North Road)	Major arterial
Jones Road (Railway Terrace - Dawsons Road)	Collector
Kahu Road (Kotare Street - Straven Road)	Minor arterial
Kainga Road (Main North Road - Harbour Road)	Collector
Kendal Avenue (Memorial Avenue - Wairakei Road)	Collector
Kennedys Bush Road (Glovers Road - Cashmere Road)	Collector

Road	Classification
Kensington Avenue (Innes Road - Westminster Street)	Collector
Kerrs Road (Pages Road - Wainoni Road)	Minor arterial
Keyes Road (Bowhill Road - Hawke Street)	Collector
Kilburn Street (Greers Road - Farrington Avenue)	Collector
Kilmarnock Street (Deans Avenue - Straven Road)	Minor arterial
Kilmore Street (Montreal Street - Fitzgerald Avenue)	Main Distributor Street
Kirk Road (West Coast Road - Main South Road)	Collector
Kittyhawk Avenue (The Runway - Corsair Drive)	Collector
Kotare Street (Clyde Road - Kahu Road)	Minor arterial
Lake Terrace Road (Marshland Road - New Brighton Road)	Collector
Langdons Road (Greers Road - Main North Road)	Collector
Latimer Square (east side)	Main Distributor Street
Lichfield Street (Durham Street - Manchester Street)	Local Distributor Street
Lillian Street (Ensign Street - Halswell Road)	Collector
Lincoln Road (Moorhouse Avenue - Whiteleigh Avenue)	Minor arterial
Lincoln Road (Whiteleigh Avenue - Curletts Road)	Major arterial
Linwood Avenue (Avonside Drive - Aldwins Road)	Minor arterial
Linwood Avenue (Aldwins Road - Humphreys Drive)	Major arterial
Locksley Avenue (McBratneys Road - New Brighton Road)	Collector
Lodestar Avenue (Hayton Road - Stark Drive)	Collector
Long Bay Road (Summit Road - Christchurch Akaroa Road)	Collector
Lower Styx Road (Marshland Road - Harbour Road)	Collector

Road	Classification
Lowther Street (Racecourse Road - Main South Road)	Minor arterial
Lyttelton Street (Lincoln Road - Rose Street)	Collector
Maces Road (Cuthberts Road - Dyers Road)	Collector
Madras Street (Bealey Avenue - Winton Street)	Collector
Madras Street (Bealey Avenue - Gloucester Street)	Main Distributor Street
Madras Street (Hereford Street - Moorhouse Avenue)	Main Distributor Street
Magdala Place (Birmingham Drive - Bridge Link to Wigram Road)	Minor arterial
Maidstone Road (Waimairi Road - Withells Road)	Collector
Maidstone Road (Ilam Road - Waimairi Road)	Minor arterial
Main North Road (Northcote Road - Dickeys Road)	Major arterial
Main North Road (Cranford Street - Northcote Road)	Minor arterial
Main North Road (Dickeys Road - Waimakariri District Boundary)	Minor arterial
Main Road (McCormacks Bay Road West - The Esplanade)	Minor arterial
Main Road (St Andrews Hill Road - McCormacks Bay Road west)	Major arterial
Main Road, Governors Bay (Dyers Pass Road - Governors Bay Teddington Road)	Minor arterial
Main South Road (Blenheim Road - Selwyn District Boundary)	Major arterial
Main South Road (Riccarton Road - Blenheim Road)	Minor arterial

Road	Classification
Mairehau Road (Marshland Road - Frosts Road)	Minor arterial
Major Hornbrook Road (Bellevue Terrace - St Andrews Hill Road)	Collector
Malcolm Avenue (Eastern Terrace - Colombo Street)	Collector
Manchester Street (Bealey Avenue - Edgeware Road)	Collector
Manchester Street (Bealey Avenue - Moorhouse Avenue)	Local Distributor Street
Mandeville Street (Riccarton Road - Blenheim Road)	Collector
Marine Drive (Charteris Bay Road - Waipapa Avenue)	Collector
Marine Parade (Bridge Street - Beach Road)	Collector
Marriner Street (Wakefield Avenue - Main Road)	Minor arterial
Marshland Road (Shirley Road - Main North Road)	Minor arterial
Marshs Road (Main South Road - Springs Road) <sup>1</sup>	Minor arterial
Marshs Road (Springs Road - Whincops Road)	Collector
Martindales Road (Port Hills Road - Bridle Path Road)	Collector
Masham Road (Yaldhurst Road - Carmen Road)	Major arterial
Matipo Street (Riccarton Road - Blenheim Road)	Collector
Matipo Street (Blenheim Road - Wrights Road)	Minor arterial
Maunsell Street (Tanner Street - Cumnor Terrace)	Collector
McBratneys Road (River Road - Locksley Avenue)	Collector
McCormacks Bay Road (Main Road (west) - Main Road (east))	Collector
McFaddens Road (Rutland Street - Cranford Street)	Collector
McGregors Road (Ruru Road - Rudds Road)	Collector

Road	Classification
McLeans Island Road (Johns Road - Pound Road deviation)	Minor arterial
McLeans Island Road (Pound Road deviation - Chattertons Road)	Collector
McMahon Drive (Aidanfield Drive - Dunbars Road)	Collector
Memorial Avenue (Clyde Road - Orchard Road)	Major arterial
Merrin Street (Avonhead Road - Withells Road)	Collector
Middleton Road (Blenheim Road - Riccarton Road)	Collector
Milton Street (Barrington Street - Colombo Street)	Minor arterial
Moncks Spur Road (Mt Pleasant Road - Glenstrae Road)	Collector
Montreal Street (Armagh Street - Moorhouse Avenue)	Main Distributor Street
Montreal Street (Bealey Avenue - Kilmore Street)	Main Distributor Street
Montreal Street (Brougham Street - Moorhouse Avenue)	Minor arterial
Moorhouse Avenue (Deans Avenue - Ferry Road)	Major arterial
Mt Pleasant Road (Main Road - Summit Road)	Collector
Mustang Avenue (Awatea Road - Corsair Drive)	Collector
Nayland Street (Wakefield Avenue - Heberden Avenue)	Collector
New Brighton Road (Marshland Road - Avondale Road)	Minor arterial

Road	Classification
New Brighton Road (Avondale Road - Pages Road)	Collector
Nicholls Road (Halswell Junction Road - Halswell Road)	Collector
Normans Road (Strowan Road - Papanui Road)	Collector
North Avon Road (Whitmore Street - River Road)	Collector
North Parade (North Avon Road - Shirley Road)	Collector
Northcote Road (Greers Road - Main North Road)	Major arterial
Northern Motorway and Connectors (Waimakariri District Boundary - Dickeys Road)	Major arterial
Northwood Boulevard (Main North Road - Springbrook Lane)	Collector
Norwich Quay (Tunnel Road - Gladstone Quay)	Major arterial
Norwood Street (Sandwich Road - Tennyson Street)	Collector
Nottingham Avenue (Wales Street - Patterson Terrace)	Collector
Nursery Road (Tuam Street - Ferry Road)	Collector
Old West Coast Road (Chattertons Road - West Coast Road)	Collector
Opawa Road (Wilson's Road North - Aynsley Terrace)	Collector
Opawa Road (Brougham Street (southeast of the Heathcote River) - Port Hills Road)	Major arterial
Orchard Road (Memorial Ave - Wairakei Road)	Collector
Orion Street (Emmett Street - Quinns Road)	Collector
Ottawa Road (Wainoni Road - Pages Road)	Collector
Owles Terrace (Pages Road - Union Street)	Collector
Oxford Street (Norwich Quay - Sumner Road)	Minor arterial
Pages Road (Rudds Road - Anzac Drive)	Major arterial

Road	Classification
Pages Road (Anzac Drive - New Brighton Road)	Minor Arterial
Palinurus Road (Dyers Road - Ferry Road)	Major arterial
Papanui Road (Bealey Avenue - Harewood Road)	Minor arterial
Park Terrace (Brittan Terrace - Governors Bay Road)	Minor arterial
Park Terrace / Rolleston Avenue (Bealey Avenue - Hereford Street)	Local Distributor Street
Parker Street (Waterloo Road - Main South Road)	Collector
Parkhouse Road (Hayton Road - Curletts Road)	Collector
Parkstone Avenue (Avonhead Road - Brodie Street)	Collector
Parnwell Street (Basset Street - Travis Road)	Collector
Patterson Terrace (Nottingham Avenue - Alvaston Drive)	Collector
Peer Street (Waimairi Road - Yaldhurst Road)	Minor arterial
Philpotts Road (Queen Elizabeth II Drive - Innes Road)	Collector
Port Hills Road (Centaurus Road - Opawa Road)	Minor arterial
Port Hills Road (Opawa Road - Tunnel Road)	Major arterial
Port Hills Road (Horotane Valley Road - Martindales Road)	Collector

Road	Classification
Pound Road (Waterloo Road - McLeans Island Road)	Minor arterial
Prestons Road (Main North Road - Waitikiri Drive Road)	Minor arterial
Purau Avenue (Waipapa Avenue - Camp Bay Road)	Collector
Putake Drive (Mairehau Road - Rothesay Road)	Collector
Quaids Road (Hawkins Road - Prestons Road)	Collector
Quaifes Road (Whincops Road - Sabys Road)	Collector
Queen Elizabeth II Drive (Travis Road - Main North Road)	Major arterial
Queenspark Drive (Rothesay Road - Bower Avenue)	Collector
Racecourse Road (Main South Road - Buchanans Road)	Minor arterial
Racecourse Road (Yaldhurst Road - Buchanans Road)	Collector
Radcliffe Road (Hawkins Road - Main North Road)	Collector
Radley Street (Garlands Road - Ferry Road)	Collector
Railway Terrace (Kirk Road - Jones Road)	Collector
Retreat Road (Avonside Drive - Avonside Drive)	Collector
Revell Street (Balcairn Street - Checketts Ave)	Collector
Riccarton Avenue	Main Distributor Street
Riccarton Road (Yaldhurst Road - Riccarton Avenue)	Minor arterial
River Road (North Avon Road - McBratneys Road)	Collector
Rookwood Avenue (Bower Avenue - Bowhill Road)	Collector
Rose Street (Hoon Hay Road - Barrington Street)	Collector

Road	Classification
Rossall Street (Glandovey Road - Carlton Mill Road)	Minor arterial
Rothesay Road (Queenspark Drive - Burwood Road)	Collector
Roydvale Avenue (Avonhead Road - Wairakei Road)	Collector
Rudds Road (McGregors Road - Pages Road)	Collector
Rue Jolie (Beach Road, Akaroa - Alymers Valley Road)	Collector
Rue Lavaud (Woodills Road - Beach Road, Akaroa)	Collector
Ruru Road (McGregors Road - Maces Road)	Collector
Russley Road (Johns Road - Yaldhurst Road)	Major arterial
Rutherford Street (Garlands Road - Ferry Road)	Major arterial
Rutland Street (Tomes Road - St Albans Street)	Collector
Sabys Road (Trices Road - Candys Road)	Minor arterial
Sabys Road (Candys Road - Halswell Junction Road)	Collector
Salisbury Street (Park Terrace - Barbadoes Street)	Local Distributor Street
Sandwich Road (Birdwood Avenue - Norwood Street)	Collector
Sandyford Street (Orbell Street - Colombo Street)	Collector

Road	Classification
Sawyers Arms Road (Johns Road - Greers Road)	Major arterial
Sawyers Arms Road (Johns Road - Brouchs Road)	Minor arterial
Sawyers Arms Road (Northcote Road - Main North Road)	Collector
Scarborough Road (Taylors Mistake Road - Heberden Avenue)	Collector
Scruttons Road (Port Hills Road - Tunnel Road on-ramp)	Major arterial
Selwyn Street (Hagley Avenue - Moorhouse Avenue)	Local Distributor Street
Selwyn Street (Somerfield Street - Moorhouse Avenue)	Collector
Seymour Street (Main South Road - Shands Road)	Collector
Shakespeare Road (Waltham Road - Wilsons Road North)	Collector
Shands Road (Main South Road - Selwyn District Boundary)	Major arterial
Sherborne Street (Bealey Avenue - Edgeware Road)	Minor arterial
Shirley Road (Hills Road - Marshland Road)	Minor arterial
Simeon Quay (Norwich Quay - Brittan Terrace)	Minor arterial
Somerfield Street (Barrington Street - Colombo Street)	Collector
Southern Motorway and connectors (Simeon Street - Halswell Junction Road)	Major arterial
Southampton Street (Tennyson Street - Croydon Street)	Collector
Sparks Road (Halswell Road - Lyttelton Street)	Minor arterial
Spencerville Road (Main North Road - Lower Styx Road)	Collector
Springfield Road (Durham Street North - St Albans Street)	Collector
Springs Road (Main South Road - Selwyn District Boundary)	Minor arterial
St Albans Street (Papanui Road - Trafalgar Street)	Collector
St Andrews Hill Road (Main Road - Major Hornbrook Road)	Collector

Road	Classification
St Asaph Street (Hagley Avenue - Fitzgerald Avenue)	Main Distributor Street
St Martins Road (Fifield Terrace - Centaurus Road)	Collector
Stanmore Road (Tuam Street - North Avon Road)	Collector
Straven Road (Fendalton Road - Riccarton Road)	Minor arterial
Strickland Street (Brougham Street - Colombo Street)	Collector
Strowan Road (Heaton Street - Wairakei Road)	Minor arterial
Sturrocks Road (Cavendish Road - Main North Road)	Collector
Styx Mill Road (Gardiners Road - Main North Road)	Collector
Summit Road (Evans Pass Road - Selwyn District Boundary (west of Dyers Pass Road))	Collector
Summit Road (Gebbies Pass Road - Selwyn District Boundary (north of Gebbies Pass Road))	Collector
Summit Road (Christchurch Akaroa Road - Long Bay Road)	Collector
Sumner Road (Oxford Street - Evans Pass Road)	Minor arterial
Sutherlands Road (Cashmere Road - Sparks Road)	Collector
Swanns Road (Stanmore Road - Avonside Drive)	Collector
Symes Road (Haytons Road - Main South Road)	Collector
Symes Road (Vickers Road - Main South Road)	Collector
Tai Tapu Road (Old Tai Tapu Road - Selwyn District Boundary)	Major arterial
Tanner Street (Garlands Road - Maunsell Street)	Collector
Te Korari Street (Prestons Road - Te Aue Street)	Collector
Te Rito Street (Prestons Road - Urihia Street)	Collector

Road	Classification
Tennyson Street (Colombo Street - Burnbrae Street)	Collector
The Runway (Awatea Road - Kittyhawk Avenue)	Collector
The Runway (Stark Drive - Hayton Road)	Collector
Tomes Road (Rutland Street - Papanui Road)	Collector
Travis Road (Queen Elizabeth Drive - Anzac Drive)	Major Arterial
Travis Road (Frosts Road - Bower Avenue)	Collector
Treffers Road (Parkhouse Road - Wigram Road)	Collector
Trices Road (Sabys Road - Selwyn District Boundary)	Minor arterial
Tuam Street (Fitzgerald Avenue - Olliviers Road)	Collector
Tuam Street (Hagley Avenue - Fitzgerald Avenue)	Main Distributor Street
Tunnel Road (Ferry Road - Norwich Quay)	Major arterial
Union Street (Jervois Street - Owles Terrace)	Collector
Veitches Road (Sawyers Arms Road - Cavendish Road)	Collector
Vickerys Road (Pilkington Way - Symes Road)	Collector
Victoria Street	Local Distributor Street
Waimairi Road (Grahams Road - Peer Street)	Minor arterial
Waimairi Road (Peer Street - Riccarton Road)	Collector
Wainoni Road (Kerrs Road - New Brighton Road)	Minor arterial
Wainui Main Road (Christchurch-Akaroa Road - Jubilee Road)	Collector
Waipapa Avenue (Marine Drive - Purau Avenue)	Collector
Wairakei Road (Strowan Road - Grahams Road)	Minor arterial

Road	Classification
Wairakei Road (Grahams Road - Orchard Road)	Collector
Wakefield Avenue (Evans Pass Road - Marriner Street)	Minor arterial
Wales Street (Checketts Avenue - Nottingham Avenue)	Collector
Waltham Road (Brougham Street - Moorhouse Avenue)	Major arterial
Waltham Road (Riverlaw Terrace - Brougham Street)	Minor arterial
Warrington Street (Forfar Street - Hills Road)	Minor arterial
Waterloo Road (Racecourse Road - Pound Road)	Collector
Waterloo Road (Pound Road - Barters Road)	Minor arterial
Waterloo Road (Barters Road - Kirk Road)	Collector
West Coast Road (Yaldhurst Road - Selwyn District Boundary)	Major arterial
Westminster Street (Courtenay Street - Hills Road)	Collector
Wharenui Road (Riccarton Road - Blenheim Road)	Collector
Whincops Road (Halswell Junction Road - Marshs Road)	Collector
Whiteleigh Avenue (Clarence Street - Lincoln Road)	Major arterial

Road	Classification
Whitmore Street (Bealey Avenue - Hills Road)	Minor arterial
Wickham Street (Maces Road - Dyers Road)	Collector
Wigram Road (Halswell Junction Road - Dunbars Road)	Collector
Wigram Road (Awatea Road - Treffers Road)	Minor arterial
Wilsons Road North (Shakespeare Road - Ferry Road)	Collector
Wilsons Road South (Centaurus Road - Riverlaw Terrace)	Minor arterial
Withells Road (Yaldhurst Road - Avonhead Road)	Collector
Woodham Road (Avonside Drive - Pages Road)	Minor arterial
Woodills Road (Christchurch Akaroa Road - 60 metres east of Old Coach Road (end of State Highway 75))	Major arterial
Woodills Road (60 metres east of Old Coach Road (end of State Highway 75) - Rue Lavaud)	Collector
Wooldridge Road (Wairakei Road - Harewood Road)	Collector
Wordsworth Street (Durham Street - Waltham Street)	Collector
Wrights Road (Matipo Street - Birmingham Drive)	Minor arterial
Wrights Road (Birmingham Drive - Lincoln Road)	Collector
Yaldhurst Road (Riccarton Road - Curletts Road)	Minor arterial
Yaldhurst Road (Curletts Road - West Coast Road)	Major arterial

<sup>1</sup> Marshs Road (Shands Road to Main South Road) is a Minor Arterial. However, a new road between Main South Road and Shands Road (north of Marshs Road) is proposed to link with the Pound Road/ Barbers Road realignment (see the Road Classification maps). It is intended that in future this new road will be a Minor Arterial instead of Marshs Road between Main South Road and Shands Road.

## Appendix 7.5.13 Building setbacks to level crossings

- a. Sight triangles for road/rail level crossings

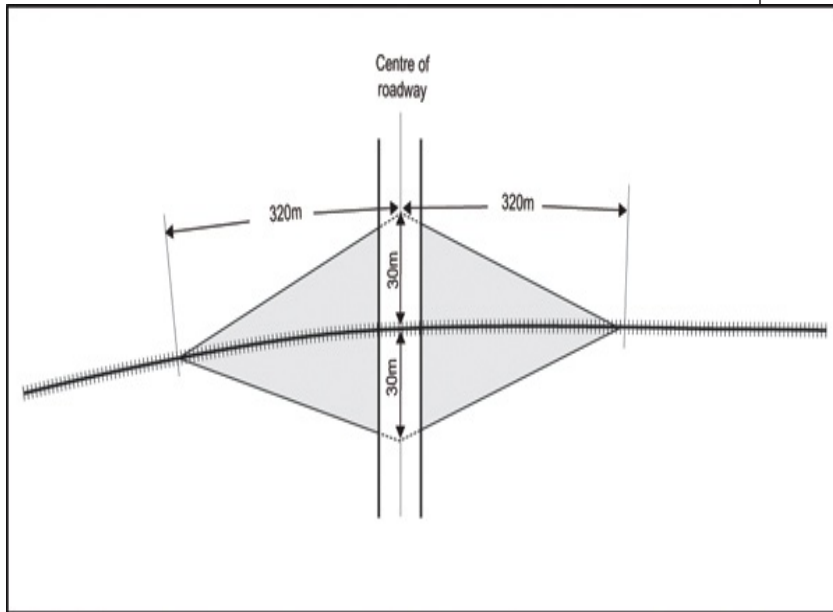


Figure 21 - Approach sight triangles for public road / rail level crossings

Advice note:

1. The 30-metre distance is measured from the closest outside rail.
2. Where there is more than one set of railway tracks, then 25 metres is added to the 320-metre distance along the railway track for each additional set of tracks.

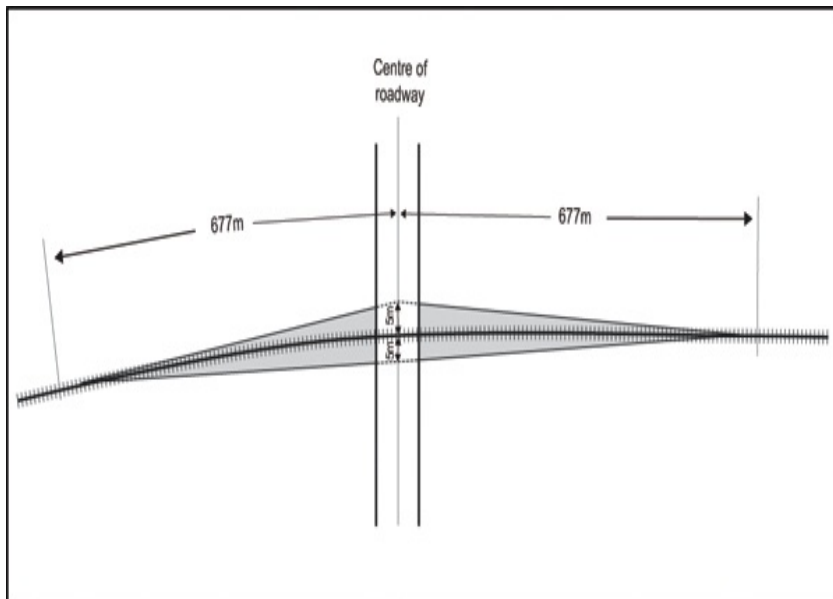


Figure 22 - Restart sight triangles for public road / rail level crossings

Advice note:

1. The 5-metre distance is measured from the closest outside rail.
- b. Sight triangles for rail siding level crossings

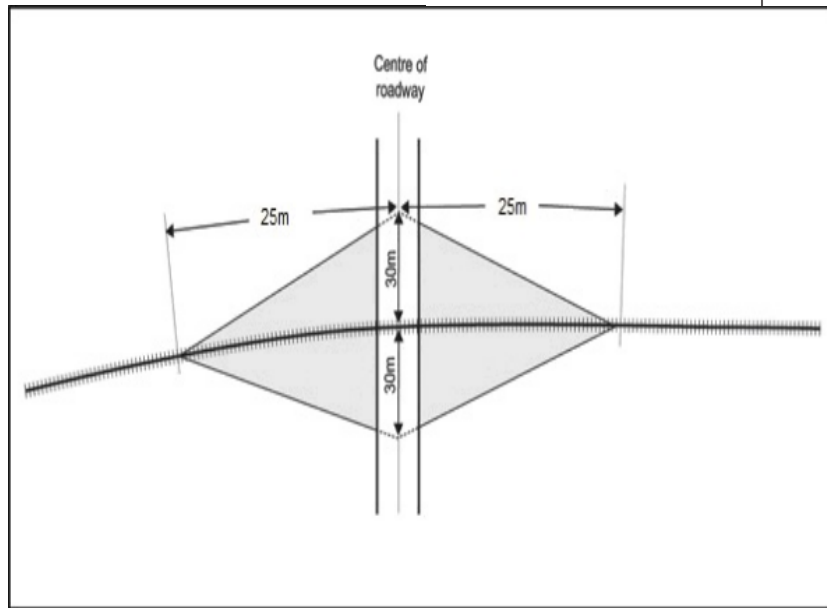


Figure 23 - Approach sight triangles for public road / rail siding level crossings .

**Advice note:**

1. The 30-metre distance is measured from the closest outside rail.

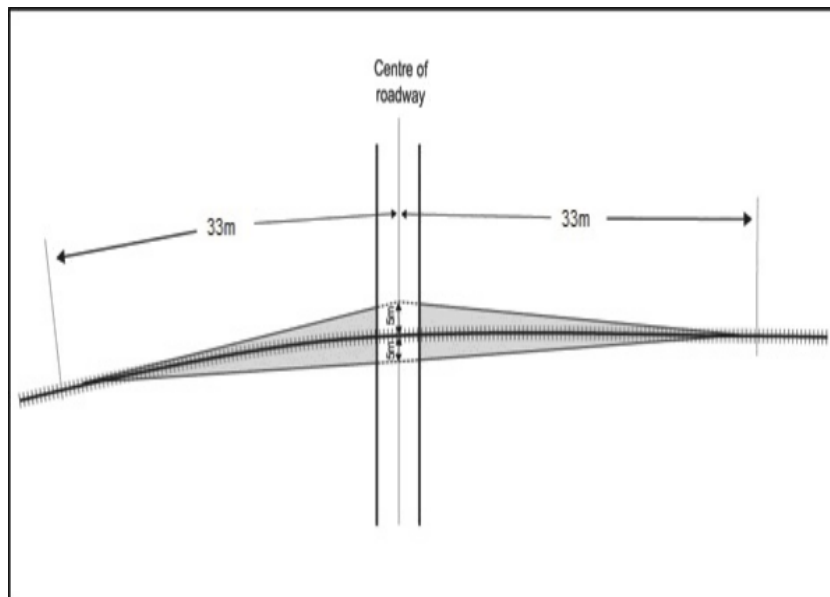


Figure 24 - Restart sight triangles for public road / rail siding level crossings.

**Advice note:**

1. The 5-metre distance is measured from the closest outside rail.

## Appendix 7.5.14 Vehicle access to sites fronting more than one road - In Central City

- a. If a site fronts more than one road then vehicle access shall only be gained from the most preferred road that the site has frontage to, as shown in Table 7.5.14.1, except that, where the higher preference road is a one-way road or is divided by a raised median, a second vehicle access point may be gained from the next most preferred road. The vehicle access standard in Appendix 7.5.14 does not apply to the fire station site (Lot 1 DP53863).

Table 7.5.14.1 Location of access (priority ranking)

<b>Rank</b>	<b>Road class</b>
Most Preferred	Local Distributor Street outside the Core
2nd choice	Local Street outside the Core
3rd choice	Main Distributor Street outside the Core
4th choice	Arterial Route
5th choice	Local Distributor Street within the Core
6th choice	Local Street within the Core
Least preferred	Main Distributor within the Core