

## Assessment of application against relevant Development Codes

### APPLICATION DETAILS

APPLICATION		PREMISES	
FILE NO:	RAL/18/0005	ADDRESS:	393 Emerald End Road, Mareeba
APPLICANT:	J & L Papas	RPD:	Lot 6 on RP732287
LODGED BY:	Planz Town Planning	AREA:	4.837 hectares
DATE LODGED:	12 March 2018	OWNER :	JA & LY Papas
TYPE OF APPROVAL:	Development Permit		
PROPOSED DEVELOPMENT:	Reconfiguring a Lot - Subdivision (1 into 3 lots)		
PLANNING SCHEME:	Mareeba Shire Council Planning Scheme 2016		
ZONE:	Rural zone		
LEVEL OF ASSESSMENT:	Code Assessment		
SUBMISSIONS:	n/a		

### Relevant Development Codes

The following Development Codes are considered to be applicable to the assessment of the application:

- 6.2.9 Rural zone code
- 8.2.1 Agricultural land overlay code
- 8.2.3 Bushfire hazard overlay code
- 8.2.4 Environmental significance overlay code
- 8.2.6 Flood hazard overlay code
- 8.2.12 Transport infrastructure overlay code
- 9.4.2 Landscaping code
- 9.4.3 Parking and access code
- 9.4.4 Reconfiguring a lot code
- 9.4.5 Works, services and infrastructure code

## 6.2.9 Rural zone code

### 6.2.9.1 Application

- (1) This code applies to assessing development where:
  - (a) located in the Rural zone; and
  - (b) it is identified in the assessment criteria column of an assessment table in Part 5 of the planning scheme.

### 6.2.9.2 Purpose

- (1) The purpose of the Rural zone code is to:
  - (a) provide for rural uses including cropping, intensive horticulture, intensive animal industries, animal husbandry, animal keeping and other primary production activities;
  - (b) provide opportunities for non-rural uses that are compatible with agriculture, the environmental features, and landscape character of the rural area where the uses do not compromise the long-term use of the land for rural purposes;
  - (c) protect or manage significant natural resources and processes to maintain the capacity for primary production.
- (2) Mareeba Shire Council's purpose of the Rural zone code is to recognise the importance of primary production to the economy of the region and to maintain and strengthen the range of primary industries which contribute to the rural economy.

The purpose of the Rural zone code is to:

- (a) recognise the diversity of rural uses that exists throughout the region;
  - (b) protect the rural character of the region;
  - (c) provide facilities for visitors and tourists that are accessible and offer a unique experience;
  - (d) protect the infrastructure of the Mareeba-Dimbulah Irrigation Scheme Area from development which may compromise long term use for primary production;
  - (e) maintain distinct boundaries between the rural areas and the villages, towns and urban areas of the region;
  - (f) provide for a range of uses, compatible and associated with rural or ecological values including recreational pursuits and tourist activities;
  - (g) prevent adverse impacts of development on ecological values;
  - (h) preserve land in large holdings; and
  - (i) facilitate the protection of strategic corridors across the landscape which link remnant areas of intact habitat and transport corridors.
- (3) The purpose of the Rural zone code will be achieved through the following overall outcomes:
    - (a) Areas for use for primary production are conserved and fragmentation below economically viable lot sizes is avoided;
    - (b) The establishment of a wide range of rural pursuits is facilitated, including cropping, intensive horticulture, forestry, intensive animal industries, animal husbandry and animal keeping and other compatible primary production uses;
    - (c) The establishment of extractive industries, mining and associated activities and alternative forms of energy generation is appropriate where environmental impacts and land use conflicts are minimised;
    - (d) Uses that require isolation from urban areas as a consequence of their impacts such as noise or odour may be appropriate where land use conflicts are minimised;

- (e) Development is reflective of and responsive to the environmental constraints of the land;
- (f) Residential and other development is appropriate only where directly associated with the rural nature of the zone;
- (g) Low-impact tourism and recreation activities do not compromise the long-term use of the land for rural purposes;
- (h) The viability of both existing and future rural uses and activities is protected from the intrusion of incompatible uses;
- (i) Visual impacts of clearing, building, materials, access ways and other aspects of development are minimised or appropriately managed;
- (j) Adverse impacts of development both on-site and from adjoining areas are avoided and any impacts are minimised through location, design, operation and management; and
- (k) Natural features such as creeks, gullies, waterways, wetlands and bushland are retained, managed, enhanced and separated from adjacent development.

### 6.2.9.3 Criteria for assessment

**Table 6.2.9.3—Rural zone code - For self-assessable and assessable development**

Performance outcomes	Acceptable outcomes	Complies	Comments
<b>For self-assessable and assessable development</b>			
<b>Height</b>			
<b>PO1</b> Building height takes into consideration and respects the following: <ul style="list-style-type: none"> <li>(a) the height of existing buildings on adjoining premises;</li> <li>(b) the development potential, with respect to height, on adjoining premises;</li> <li>(c) the height of buildings in the vicinity of the site;</li> <li>(d) access to sunlight and daylight for the site and adjoining sites;</li> <li>(e) privacy and overlooking; and</li> <li>(f) site area and street frontage length.</li> </ul>	<b>AO1.1</b> Development, other than buildings used for rural activities, has a maximum building height of: <ul style="list-style-type: none"> <li>(a) 8.5 metres; and</li> <li>(b) 2 storeys above ground level.</li> </ul>	n/a	The application is for reconfiguring a lot only. No new buildings are proposed under this application.  Any future buildings on the allotments would need to comply.
	<b>AO1.2</b> Buildings and structures associated with a rural activity including machinery, equipment, packing or storage buildings do not exceed 10 metres in height.	n/a	The application is for reconfiguring a lot only. No new buildings are proposed under this application.  Any future buildings on the allotments would need to comply.
<b>Siting, where not involving a Dwelling house</b>			
Note—Where for Dwelling house, the setbacks of the Queensland Development Code apply.			

Performance outcomes	Acceptable outcomes	Complies	Comments
<p><b>PO2</b> Development is sited in a manner that considers and respects:</p> <ul style="list-style-type: none"> <li>(a) the siting and use of adjoining premises;</li> <li>(b) access to sunlight and daylight for the site and adjoining sites;</li> <li>(c) privacy and overlooking;</li> <li>(d) air circulation and access to natural breezes;</li> <li>(e) appearance of building bulk; and</li> <li>(f) relationship with road corridors.</li> </ul>	<p><b>AO2.1</b> Buildings and structures include a minimum setback of:</p> <ul style="list-style-type: none"> <li>(a) 40 metres from a frontage to a State-controlled road; and</li> <li>(b) 10 metres from a boundary to an adjoining lot.</li> </ul>	n/a	<p>The application is for reconfiguring a lot only. No new buildings are proposed under this application.</p> <p>Any future buildings on the allotments would need to comply.</p>
	<p><b>AO2.2</b> Buildings and structures, where for a Roadside stall, include a minimum setback of 0 metres from a frontage to a road that is not a State-controlled road.</p>	n/a	<p>The application is for reconfiguring a lot only. No new buildings are proposed under this application.</p> <p>Any future buildings on the allotments would need to comply.</p>
	<p><b>AO2.3</b> Buildings and structures, except where a Roadside stall, include a minimum setback of:</p> <ul style="list-style-type: none"> <li>(a) 10 metres from a frontage to a sealed road that is not a State-controlled road; and</li> <li>(b) 100 metres from a frontage to any other road that is not a State-controlled road;</li> </ul>	n/a	<p>The application is for reconfiguring a lot only. No new buildings are proposed under this application.</p> <p>Any future buildings on the allotments would need to comply.</p>

Performance outcomes	Acceptable outcomes	Complies	Comments
<b>Accommodation density</b>			
<b>PO3</b> The density of Accommodation activities: (a) respects the nature and density of surrounding land use; (b) is complementary and subordinate to the rural and natural landscape values of the area; and (c) is commensurate to the scale and frontage of the site.	<b>AO3.1</b> Residential density does not exceed one dwelling house per lot.	n/a	The application is for reconfiguring a lot only. A new dwelling house is not proposed.
	<b>AO3.2</b> Residential density does not exceed two dwellings per lot and development is for: (a) a secondary dwelling; or (b) Caretaker's accommodation and includes building work or minor building work with a maximum gross floor area of 100m <sup>2</sup> ; or (c) Rural worker's accommodation.	n/a	The application is for reconfiguring a lot only. A new dwelling house is not proposed.
<b>For assessable development</b>			
<b>Site cover</b>			
<b>PO4</b> Buildings and structures occupy the site in a manner that: (a) makes efficient use of land; (b) is consistent with the bulk and scale of buildings in the surrounding area; and (c) appropriately balances built and natural features.	<b>AO4</b> No acceptable outcome is provided.	n/a	The application is for reconfiguring a lot only. No new buildings are proposed under this application.  Any future buildings on the allotments would need to comply.
<b>PO5</b> Development complements and integrates with the established built character of the Rural zone, having regard to: (a) roof form and pitch; (b) eaves and awnings;	<b>AO5</b> No acceptable outcome is provided.	n/a	The application is for reconfiguring a lot only. No new buildings are proposed under this application.  Any future buildings on the allotments would need to comply.

Performance outcomes	Acceptable outcomes	Complies	Comments
(c) building materials, colours and textures; and (d) window and door size and location.			
<b>Amenity</b>			
<b>PO6</b> Development must not detract from the amenity of the local area, having regard to: (a) noise; (b) hours of operation; (c) traffic; (d) advertising devices; (e) visual amenity; (f) privacy; (g) lighting; (h) odour; and (i) emissions.	<b>AO6</b> No acceptable outcome is provided.	✓	The proposed reconfiguration is not likely to detract from the amenity of the local area.
<b>PO7</b> Development must take into account and seek to ameliorate any existing negative environmental impacts, having regard to: (a) noise; (b) hours of operation; (c) traffic; (d) advertising devices; (e) visual amenity; (f) privacy; (g) lighting; (h) odour; and (i) emissions.	<b>AO7</b> No acceptable outcome is provided.	✓	The subject land is currently used for rural living purposes and there are no known negative environmental impacts to ameliorate.

## 8.2.1 Agricultural land overlay code

### 8.2.1.1 Application

- (1) This code applies to assessing development where:
- land the subject of development is located within the agricultural land areas identified on the **Agricultural land overlay maps (OM-001a-n)**; and
  - it is identified in the assessment criteria column of an assessment table in Part 5 of the planning scheme.

Note—Agriculture is appropriately reflected in Overlay Map 1 and is required to be mapped by State Government in response to Economic Growth State Interests.

### 8.2.1.2 Purpose

- (1) The purpose of the Agricultural land overlay code is to protect or manage important agricultural areas, resources, and processes which contribute to the shire's capacity for primary production.
- (2) The purpose of the code will be achieved through the following overall outcomes:
- The alienation, fragmentation or reduction in primary production potential of land within the 'Class A' area or 'Class B' area is avoided, except where:
    - an overriding need exists for the development in terms of public benefit,
    - no suitable alternative site exists; and
    - the fragmentation or reduced production potential of agricultural land is minimised;
  - 'Class A' areas and 'Class B' areas continue to be used primarily for more intensive agricultural activities which utilise the land quality provided in these areas;
  - Grazing on very large land holdings is maintained as the dominant rural activity in the 'Broadhectare rural' area; and
  - Land with the 'Broadhectare rural' area is maintained in its current configuration.

### 8.2.1.3 Criteria for assessment

**Table 8.2.1.3 – Agricultural land overlay code - For self-assessable and assessable development**

Performance outcomes	Acceptable outcomes	Complies	Comments
<b>For self-assessable and assessable development</b>			
<p><b>PO1</b> The fragmentation or loss of productive capacity of land within the 'Class A' area or 'Class B' area identified on the <b>Agricultural land overlay maps (OM-001a-n)</b> is avoided unless:</p> <ol style="list-style-type: none"> <li>an overriding need exists for the development in terms of public benefit;</li> <li>no suitable alternative site exists; and</li> </ol>	<p><b>AO1</b> Buildings and structures are not located on land within the 'Class A' area or 'Class B' area identified on the <b>Agricultural land overlay maps (OM-001a-n)</b> unless they are associated with:</p> <ol style="list-style-type: none"> <li>animal husbandry; or</li> <li>animal keeping; or</li> <li>cropping; or</li> <li>dwelling house; or</li> <li>home based business; or</li> </ol>	x	<p>The reconfiguration would create proposed Lots 2 and 3 as vacant rural allotments, each with accepted development rights to allow the construction of a dwelling house.</p> <p>A future dwelling house on either Lot 2 or 3 could not be sited without a resulting loss of Class B area.</p>

Performance outcomes	Acceptable outcomes	Complies	Comments
(c) loss or fragmentation is minimised to the extent possible.	(f) intensive animal industry (only where for feedlotting); or (g) intensive horticulture; or (h) landing; or (i) roadside stalls; or (j) winery.		Council officers are not of the opinion that an overriding need exists for the development in terms of public benefit.  A significant supply of land for urban development is available within the nearby Mareeba township.  The proposed development is in conflict with PO1.



Performance outcomes	Acceptable outcomes	Complies	Comments
<b>For assessable development</b>			
<p><b>PO2</b> Sensitive land uses in the 'Class A' area, 'Class B' area or the 'Broadhectare rural' area identified on the <b>Agricultural land overlay maps (OM-001a-n)</b> are designed and located to:</p> <ul style="list-style-type: none"> <li>(a) avoid land use conflict;</li> <li>(b) manage impacts from agricultural activities, including chemical spray drift, odour, noise, dust, smoke and ash;</li> <li>(c) avoid reducing primary production potential; and</li> <li>(d) not adversely affect public health, safety and amenity.</li> </ul>	<p><b>AO2</b> No acceptable outcome is provided.</p>	x	<p>The reconfiguration would create proposed Lots 2 and 3 as vacant rural allotments, each with accepted development rights to allow the construction of a dwelling house.</p> <p>The planning scheme defines a dwelling house as a sensitive land use.</p> <p>A future dwelling house on either Lot 2 or 3 could not be sited without a resulting loss of Class B area.</p> <p>Siting additional dwelling houses within the Class B area will reduce primary production potential.</p> <p>The proposed development is in conflict with PO2.</p>
<p><b>PO3</b> Development in the 'Class A' area or 'Class B' area identified on the <b>Agricultural land overlay maps (OM-001a-n)</b>:</p> <ul style="list-style-type: none"> <li>(a) ensures that agricultural land is not permanently alienated;</li> <li>(b) ensures that agricultural land is preserved for agricultural purposes; and</li> <li>(c) does not constrain the viability or use of agricultural land.</li> </ul>	<p><b>AO3</b> No acceptable outcome is provided.</p>	x	<p>The reconfiguration would create proposed Lots 2 and 3 as vacant rural allotments, each with accepted development rights to allow the construction of a dwelling house.</p> <p>A future dwelling house on either Lot 2 or 3 could not be sited without a resulting loss of Class B area.</p> <p>Siting additional dwelling houses within the Class B area will alienate that portion of land for the life of the dwelling house (@100 years).</p>

Performance outcomes	Acceptable outcomes	Complies	Comments
			The proposed development is in conflict with PO3.
<b>If for Reconfiguring a lot</b>			
<b>PO4</b> The 'Broadhectare rural area' identified on the <b>Agricultural land overlay maps (OM-001a-n)</b> is retained in very large rural holdings viable for broad scale grazing and associated activities.	<b>AO4</b> Development does not involve the creation of a new lot within the 'Broadhectare rural' area identified on the <b>Agricultural land overlay maps (OM-001a-n)</b> .	n/a	Not applicable - The subject site is not within the Broadhectare rural area.
<b>PO5</b> Reconfiguring a lot in the 'Class A' area, 'Class B' area or the 'Broadhectare rural' area identified on the <b>Agricultural land overlay maps (OM-001a-n)</b> that is severed by a gazetted road occurs only where it does not fragment land used for agricultural purposes.	<b>AO5</b> No acceptable outcome is provided.	n/a	Not applicable.
<b>PO6</b> Any Reconfiguring a lot in the 'Class A' area, 'Class B' area or the 'Broadhectare rural' area identified on the <b>Agricultural land overlay maps (OM-001a-n)</b> , including boundary realignments, only occurs where it: (a) improves agricultural efficiency; (b) facilitates agricultural activity; or (c) facilitates conservation outcomes; or (d) resolves boundary issues where a structure is built	<b>AO6</b> No acceptable outcome is provided.	x	The reconfiguration does not improve agricultural efficiency; does not facilitate agricultural activity; does not facilitate a conservation outcome; and does not resolve a boundary issue where a structure is built over the boundary.  The proposed development is in conflict with PO6.

Performance outcomes	Acceptable outcomes	Complies	Comments
over the boundary line of two lots.			

## 8.2.3 Bushfire hazard overlay code

### 8.2.3.1 Application

- (1) This code applies to assessing development where:
  - (a) land the subject of development is located within a Bushfire hazard area and Potential impact buffer (100 metres) identified on the **Bushfire hazard overlay maps (OM-003a-o)**; and
  - (b) it is identified in the assessment criteria column of an assessment table in Part 5 of the planning scheme.

Note—Natural hazards are appropriately reflected in Overlay Maps 3, 6 and 8 and are required to be mapped by State Government in response to Hazard and Safety State Interests.

### 8.2.3.2 Purpose

- (1) The purpose of the Bushfire hazard overlay code is to minimise the threat of bushfire to people and property.
- (2) The purpose of the code will be achieved through the following overall outcomes:
  - (a) Development in a Bushfire hazard area is compatible with the nature of the hazard;
  - (b) The number of people and properties subject to bushfire hazards are minimised through appropriate building design and location;
  - (c) Development does not result in a material increase in the extent, duration or severity of bushfire hazard; and
  - (d) Appropriate infrastructure is available to emergency services in the event of a bushfire.

### 8.2.3.3 Criteria for assessment

**Table 8.2.3.3—Bushfire hazard overlay code — For self-assessable and assessable development**

Performance outcomes	Acceptable outcomes	Complies	Comments
<b>For self-assessable and assessable development</b>			
<b>Water supply for fire-fighting purposes</b>			
<p><b>PO1</b> Development where within a 'Bushfire hazard area' and 'Potential impact buffer (100 metres)' identified on the <b>Bushfire hazard overlay maps (OM-003a-o)</b> maintains the safety of people and property by providing an adequate, accessible and reliable water supply for fire-fighting purposes which is safely located and has sufficient flow and pressure characteristics.</p> <p>Note— A Bushfire hazard management plan must be prepared by suitably qualified persons in seeking to demonstrate compliance with the Performance outcome.</p>	<p><b>Where within a 'Bushfire hazard area' and 'Potential impact buffer (100 metres)' identified on the Bushfire hazard overlay maps (OM-003a-o)</b></p> <p><b>AO1.1</b> Where in a reticulated water service area, the on-site water supply has flow and pressure characteristics of 10 litres a second at 200 kPa. OR</p>	✓	Can be conditioned to comply for any future dwelling if approved.

Performance outcomes	Acceptable outcomes	Complies	Comments
	<p><b>AO1.2</b>            Where access to the reticulated water network is not available, a minimum on site water storage of 5,000 litres is provided that must comprise:</p> <ul style="list-style-type: none"> <li>(a) a separate tank; or</li> <li>(b) a reserve section in the bottom part of the main water supply tank; or</li> <li>(c) a dam; or</li> <li>(d) a swimming pool.</li> </ul> <p>Note—Where a water tank is provided for fire-fighting purposes it is fitted with standard rural fire brigade fittings and the tank is provided with a hardstand area for heavy vehicles.</p>	✓	Can be conditioned to comply for any future dwelling if approved.

Performance outcomes	Acceptable outcomes	Complies	Comments
<b>For assessable development</b>			
<b>Land use</b>			
<p><b>PO2</b> Development within a 'Bushfire hazard area' and 'Potential impact buffer (100 metres)' identified on the <b>Bushfire hazard overlay maps (OM-003a-o)</b> is appropriate to the bushfire hazard risk having regard to the:</p> <p>(a) the bushfire risk compatibility of development;</p> <p>(b) the vulnerability of and safety risk to persons associated with the use; and</p> <p>(c) consequences of bushfire in regard to impacts on essential infrastructure, buildings and structures.</p> <p>Note— A Bushfire hazard management plan must be prepared by suitably qualified persons in seeking to demonstrate compliance with the Performance outcome.</p>	<p><b>AO2</b> All buildings, structures, infrastructure and facilities associated with the following uses are located outside any area of the site located within a 'Bushfire hazard area' and a 'Potential impact buffer (100 metres)' identified on the <b>Bushfire hazard overlay maps (OM-003a-o)</b>:</p> <p>(a) child care centre; or</p> <p>(b) community care centre; or</p> <p>(c) correctional facility; or</p> <p>(d) educational establishment; or</p> <p>(e) emergency services; or</p> <p>(f) hospital; or</p> <p>(g) hostel; or</p> <p>(h) residential care facility; or</p> <p>(i) retirement facility; or</p> <p>(j) shopping centre; or</p> <p>(k) tourist park; or</p> <p>(l) tourist attraction.</p>	n/a	Not applicable.
<b>Lot design</b>			
<p><b>PO3</b> Reconfiguring a lot within a 'Bushfire hazard area' and 'Potential impact buffer (100 metres)' identified on the <b>Bushfire hazard overlay maps (OM-003a-o)</b> minimises the potential adverse impacts of bushfire on the safety of people, property and the environment through lot design that:</p> <p>(a) is responsive to the nature and extent of bushfire risk; and</p> <p>(b) allows efficient emergency access to buildings for fire-fighting appliances.</p> <p>Note— A Bushfire hazard management plan must be prepared</p>	<p><b>Where within a 'Bushfire hazard area' and 'Potential impact buffer (100 metres)' identified on the Bushfire hazard overlay maps (OM-003a-o)</b></p> <p><b>AO3.1</b> No new lots are created.</p> <p>OR</p> <p><b>AO3.2</b> All lots include a building envelope that achieves a radiant heat flux level of 29kW/m<sup>2</sup> at the perimeter of the building envelope.</p> <p>Note—Where a radiant heat flux of 29kW/m<sup>2</sup> is achieved and this relies on cleared or maintained land external to</p>	✓	Can be conditioned to comply.

Performance outcomes	Acceptable outcomes	Complies	Comments
by suitably qualified persons in seeking to demonstrate compliance with the Performance outcome.	the land the subject of the development application it must be demonstrated that land external to the site will be maintained to a standard that does not exceed the level of bushfire hazard identified in a Bushfire hazard management plan.		

Performance outcomes	Acceptable outcomes	Complies	Comments
<b>Firebreaks and access</b>			
<p><b>PO4</b> In a 'Bushfire hazard area' and 'Potential impact buffer (100 metres)' identified on the <b>Bushfire hazard overlay maps (OM-003a-o)</b>, vehicular access is designed to mitigate against bushfire hazard by:</p> <p>(a) ensuring adequate access for fire-fighting and other emergency vehicles;</p> <p>(b) ensuring adequate access for the evacuation of residents and emergency personnel in an emergency situation, including alternative safe access routes should access in one direction be blocked in the event of a fire; and</p> <p>(c) providing for the separation of developed areas and adjacent bushland.</p> <p>Note—Where it is not practicable to provide firebreaks in accordance with A04.2 Fire Maintenance Trails are provided in accordance with the following:</p> <p>i. located as close as possible to the boundaries of the lot and the adjoining hazardous vegetation;</p> <p>ii. the minimum cleared width not less than 6 metres;</p> <p>iii. the formed width is not less than 2.5 metres;</p> <p>iv. the formed gradient is not greater than 15%;</p> <p>v. vehicular access is provided at both ends;</p> <p>vi. passing bays and turning areas are provided for fire-fighting appliances located on public land.</p> <p>Note— A Bushfire hazard management plan must be prepared by suitably qualified persons in seeking to demonstrate compliance with the Performance outcome.</p>	<p><b>AO4.1</b> In a 'Bushfire hazard area' and 'Potential impact buffer (100 metres)' identified on the <b>Bushfire hazard overlay maps (OM-003a-o)</b>, roads are designed and constructed:</p> <p>(a) with a maximum gradient of 12.5%;</p> <p>(b) to not use cul-de-sacs; and</p> <p>(c) a constructed road width and weather standard complying with Planning Scheme Policy 4 - FNQROC Regional Development Manual.</p>	n/a	Not applicable - No new roads proposed.
	<p><b>AO4.2</b> In a 'Bushfire hazard area' and 'Potential impact buffer (100 metres)' identified on the <b>Bushfire hazard overlay maps (OM-003a-o)</b>, firebreaks are provided:</p> <p>(a) consisting of a perimeter road that separates lots from areas of bushfire hazard;</p> <p>(b) a minimum cleared width of 20 metre;</p> <p>(c) a maximum gradient of 12.5%; and</p> <p>(d) a constructed road width and weather standard complying with Planning Scheme Policy 4 - FNQROC Regional Development Manual.</p>	✓	Can be conditioned to comply.



<b>Hazardous materials</b>			
<p><b>PO5</b> Public safety and the environment are not adversely affected by the detrimental impacts of bushfire of hazardous materials manufactured or stored in bulk.</p> <p>Note— A Bushfire hazard management plan must be prepared by suitably qualified persons in seeking to demonstrate compliance with the Performance outcome.</p>	<p><b>AO5</b> The processing or storage of dangerous goods or hazardous materials is not undertaken in a 'Bushfire hazard area' and a 'Potential impact buffer (100 metres)' identified on the <b>Bushfire hazard overlay maps (OM-003a-o)</b>.</p>	<p>✓</p>	<p>Not applicable - The proposed development is for reconfiguring a lot and does not propose the storage or manufacture of hazardous goods.</p>

<b>Landscaping</b>			
<p><b>PO6</b> Landscaping within a 'Bushfire hazard area' and a 'Potential impact buffer (100 metres)' identified on the <b>Bushfire hazard overlay maps (OM-003a-o)</b> does not result in a material increase in the extent, duration or severity of bushfire hazard having regard to:</p> <ul style="list-style-type: none"> <li>(a) fire ecology;</li> <li>(b) slope of site; and</li> <li>(c) height and mix of plant species.</li> </ul> <p>Note—Frost hollows and the associated grass kill facilitates a rapid curing of fuel and exacerbates bushfire hazard.</p> <p>Note— A Bushfire hazard management plan must be prepared by suitably qualified persons in seeking to demonstrate compliance with the Performance outcome.</p>	<p><b>AO6</b> No acceptable outcome is provided.</p>	<p>✓</p>	<p>Can be conditioned to comply.</p>
<b>Infrastructure</b>			
<p><b>PO7</b> Infrastructure services located in a 'Bushfire hazard area' and a 'Potential impact buffer (100 metres)' identified on the <b>Bushfire hazard overlay maps (OM-003a-o)</b> are protected from damage or destruction in the event of a bushfire.</p> <p>Note— A Bushfire hazard management plan must be prepared by suitably qualified persons in seeking to demonstrate compliance with the Performance outcome.</p>	<p><b>AO7</b> The following infrastructure services are located below ground:</p> <ul style="list-style-type: none"> <li>(a) water supply;</li> <li>(b) sewer;</li> <li>(c) electricity;</li> <li>(d) gas; and</li> <li>(e) telecommunications</li> </ul>	<p>✓</p>	<p>Can be conditioned to comply where relevant.</p>
<b>Private driveways</b>			
<p><b>PO8</b> All premises located in a 'Bushfire hazard area' and a 'Potential impact buffer (100 metres)' identified on the <b>Bushfire hazard</b></p>	<p><b>AO8</b> Private driveways:</p> <ul style="list-style-type: none"> <li>(a) do not exceed a length of 60 metres from the street frontage;</li> <li>(b) do not exceed a gradient of 12.5%;</li> </ul>	<p>✓</p>	<p>Can be conditioned to comply where relevant.</p>

<p><b>overlay maps (OM-003a-o)</b> are provided with vehicular access that enables safe evacuation for occupants and easy access by fire-fighting appliances.</p> <p>Note— A Bushfire hazard management plan must be prepared by suitably qualified persons in seeking to demonstrate compliance with the Performance outcome.</p>	<ul style="list-style-type: none"> <li>(c) have a minimum width of 3.5 metres;</li> <li>(d) have a minimum vertical clearance of 4.8 metres;</li> <li>(e) accommodate turning areas for fire-fighting appliances in accordance with the Queensland Fire and Emergency Services' Fire Hydrant and Vehicle Access Guidelines; and</li> <li>(f) serve no more than three dwellings or buildings.</li> </ul>		
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## 8.2.4 Environmental significance overlay code

### 8.2.4.1 Application

- (1) This code applies to assessing development where:
  - (a) land the subject of development is affected by a constraint category identified on the **Environmental significance overlay maps (OM-004a-z)**; and
  - (b) it is identified in the assessment criteria column of an assessment table in Part 5 of the planning scheme.

Note—Biodiversity and Water quality are appropriately reflected in Overlay Map 4 and is required to be mapped by State Government in response to Environment and Heritage State Interests.

### 8.2.4.2 Purpose

- (1) The purpose of the Environmental significance overlay code is to identify and protect matters of environmental significance, which include matters of state environmental significance (MSES) as defined under the state planning policy.

The Environmental significance overlay code ensures that:

- (a) waterways and high ecological significance wetlands are protected and enhanced to maintain ecosystem services and hydrological processes and provide aquatic habitat for flora and fauna; and
  - (b) the environmental values of regulated vegetation, wildlife habitat, protected areas and legally secured offset areas are protected and managed.
- (2) The purpose of the code will be achieved through the following overall outcomes:
    - (a) the biodiversity values, ecosystem services and climate change resilience of areas of environmental significance are protected, managed and enhanced;
    - (b) the biodiversity values of protected areas and legally secured offset areas are protected from development unless overriding community need is demonstrated;
    - (c) development is located, designed and managed to minimise the edge effects of development on areas of regulated vegetation and wildlife habitat;
    - (d) areas of regulated vegetation and wildlife habitat are managed to minimise biodiversity losses;
    - (e) development maintains, protects and enhances a regional network of vegetated corridors that assist in wildlife movement and contribute to the maintenance of habitat and biological diversity;
    - (f) development is appropriately setback from waterways and high ecological significance wetlands to minimise direct and indirect impacts on water quality and biodiversity; and
    - (g) riparian vegetation and vegetation associated with high ecological significance wetlands is protected and enhanced to improve water quality and natural ecosystem function.

### 8.2.4.3 Criteria for assessment

**Table 8.2.4.3A - Environmental significance overlay code - For self-assessable and assessable development**

Performance outcomes	Acceptable outcomes	Complies	Comments
<b>For self-assessable and assessable development</b>			
<b>Regulated vegetation</b>			
<p><b>PO1</b> Vegetation clearing in areas mapped as 'Regulated vegetation' identified on the <b>Environmental Significance Overlay Maps (OM-004a-o)</b> is avoided unless:</p> <p>(a) it is demonstrated that the area does not support regulated vegetation as mapped;</p> <p>(b) the loss or reduction in regulated vegetation is for community infrastructure and associated access facilities that cannot be avoided;</p> <p>(c) wildlife interconnectivity is maintained or enhanced at a local and regional scale; and</p> <p>(d) the loss or reduction in regulated vegetation is minimised and any residual impacts are offset.</p> <p>Note—A supporting Ecological Assessment Report is prepared in accordance with Planning Scheme Policy 2 – Ecological Assessment Reports.</p> <p>Note—Refer to Ecological corridors identified on SFM001-009 in consideration of wildlife connectivity at a regional scale.</p>	<p><b>AO1.1</b> No clearing of native vegetation is undertaken within areas of 'Regulated vegetation' identified on the <b>Environmental Significance Overlay Maps (OM-004a-o)</b>.</p>	✓	Complies.
<p><b>PO2</b> Development on sites adjacent to areas of 'Regulated vegetation' identified on the <b>Environmental Significance Overlay Maps (OM-004a-o)</b> protects the environmental significance of regulated vegetation and:</p>	<p><b>AO2</b> Development (excluding roads, earthworks, drainage infrastructure and underground infrastructure) is not located within 20 metres of 'Regulated vegetation' areas identified on the <b>Environmental</b></p>	✓	Complies.

Performance outcomes	Acceptable outcomes	Complies	Comments
<p>(a) does not interrupt, interfere, alter or otherwise impact on underlying natural ecosystem processes such as water quality, hydrology, geomorphology and biophysical processes;</p> <p>(b) does not negatively impact the movement of wildlife at a local or regional scale; and</p> <p>(c) avoids noise, light, vibration or other edge affects, including weed and pest incursion on identified environmental values.</p> <p>Note—A supporting Ecological Assessment Report is prepared in accordance with Planning Scheme Policy 2 – Ecological Assessment Reports.</p> <p>Note—Refer to Ecological corridors identified on SFM001-009 in consideration of wildlife connectivity at a regional scale.</p>	<p><b>Significance Overlay Maps (OM-004a-o).</b></p>		

Performance outcomes	Acceptable outcomes	Complies	Comments
<b>Regulated vegetation intersecting a watercourse</b>			
<p><b>PO3</b> Vegetation clearing in areas mapped as 'Regulated vegetation intersecting a watercourse', identified as 'Waterway' and 'Waterway buffer' on the <b>Environmental Significance - Waterway Overlay Maps (OM-004p-z)</b> is avoided unless wildlife interconnectivity between habitats is maintained or enhanced at a local and regional scale, to the extent that migration or normal movement of significant species between habitats or normal gene flow between populations is not inhibited.</p> <p>Note—A supporting Ecological Assessment Report is prepared in accordance with Planning Scheme Policy 2 – Ecological Assessment Reports.</p> <p>Note—Refer to Ecological corridors identified on SFM001-009 in consideration of wildlife connectivity at a regional scale.</p>	<p><b>Where within a 'Waterway buffer' on Environmental Significance - Waterway Overlay Maps (OM-004p-z)</b></p> <p><b>AO3.1</b> A minimum setback in accordance with <b>Table 8.2.4.3B</b> is provided between development and the top of the high bank of a 'Waterway' identified on the <b>Environmental Significance - Waterway Overlay Maps (OM-004p-z)</b>.</p>	✓	Can comply. Land exists within each proposed lot outside the mapped waterway buffer.
	<p><b>Where within a 'Waterway buffer' on Environmental Significance - Waterway Overlay Maps (OM-004p-z)</b></p> <p><b>AO3.2</b> No clearing of native vegetation is undertaken within the minimum setback identified at <b>AO3.1</b>.</p>	✓	Can comply. Land exists within each proposed lot outside the mapped waterway buffer.
<b>Waterways and wetlands</b>			
<p><b>PO4</b> 'High ecological significance wetlands' identified on the <b>Environmental Significance Overlay Maps (OM-004a-o)</b> and 'Waterways' on <b>Environmental Significance - Waterway Overlay Maps (OM-004p-z)</b> and are protected by:</p> <p>(a) maintaining adequate separation distances between waterways/wetlands and development;</p> <p>(b) maintaining and enhancing aquatic and terrestrial habitat including vegetated corridors to allow for native fauna (terrestrial and aquatic) movement;</p>	<p><b>Where within a 'Waterway buffer' on Environmental Significance - Waterway Overlay Maps (OM-004p-z)</b></p> <p><b>AO4.1</b> A minimum setback in accordance with <b>Table 8.2.4.3B</b> is provided between development and the top of the high bank of a 'Waterway' identified on the <b>Environmental Significance - Waterway Overlay Maps (OM-004p-z)</b>.</p>	✓	Can comply. Land exists within each proposed lot outside the mapped waterway buffer.

Performance outcomes	Acceptable outcomes	Complies	Comments
<p>(c) maintaining waterway bank stability by minimising bank erosion and slumping;</p> <p>(d) maintaining water quality by providing buffers to allow filtering of sediments, nutrients and other pollutants; and</p> <p>(e) retaining and improving existing riparian vegetation and existing vegetation associated with a wetland.</p>	<p><b>Where within a 'High ecological significance wetland buffer' on Environmental Significance Overlay Maps (OM-004a-o) A04.2</b></p> <p>A minimum buffer of 200 metres is provided between development and the edge of a 'High ecological significance wetland' identified on the <b>Environmental Significance Overlay Maps (OM-004a-o)</b>.</p>	<p>n/a</p>	<p>Not applicable.</p>
<p>Note—A supporting Ecological Assessment Report is prepared in accordance with Planning Scheme Policy 2 – Ecological Assessment Reports.</p>	<p><b>Where within a 'Waterway buffer' on Environmental Significance - Waterway Overlay Maps (OM-004p-z) or 'High ecological significance wetland buffer' on Environmental Significance Overlay Maps (OM-004a-o) A04.3</b></p> <p>No stormwater is discharged to a 'Waterway' on <b>Environmental Significance - Waterway Overlay Maps (OM-004p-z)</b> or 'High ecological significance wetland' identified on the <b>Environmental Significance Overlay Maps (OM-004a-o)</b>.</p> <p>Note— An alternative outcome is required to demonstrate that the ecological impacts of stormwater discharge to a 'Waterway' or 'High ecological significance wetland' are mitigated in accordance with PO3 through appropriate stormwater management / treatment (where possible).</p>	<p>✓</p>	<p>Can comply. Land exists within Lot 971 outside any mapped waterway buffer.</p>



Performance outcomes	Acceptable outcomes	Complies	Comments
	<p><b>Where within a 'Waterway buffer' on Environmental Significance - Waterway Overlay Maps (OM-004p-z) or 'High ecological significance wetland buffer' on Environmental Significance Overlay Maps (OM-004a-o) AO4.4</b></p> <p>No wastewater is discharged to a 'Waterway' on <b>Environmental Significance - Waterway Overlay Maps (OM-004p-z)</b> or 'High ecological significance wetland' identified on the <b>Environmental Significance Overlay Map (OM-004a-z)</b>.</p> <p>Note— A alternative outcome is required to demonstrate that the ecological impacts of wastewater discharge to a 'Waterway' or 'High ecological significance wetland' are mitigated in accordance with PO3 through appropriate wastewater management / treatment (where possible).</p>	<p>✓</p>	<p>Can comply. Land exists within Lot 971 outside any mapped waterway buffer.</p>

Performance outcomes	Acceptable outcomes	Complies	Comments
<b>For assessable development</b>			
<b>Wildlife Habitat</b>			
<p><b>PO5</b> Development within a 'Wildlife habitat' area identified on the <b>Environmental Significance Overlay Maps (OM-004a-o)</b>:</p> <ul style="list-style-type: none"> <li>(a) protects and enhances the habitat of Endangered, Vulnerable and Near Threatened (EVNT) species and local species of significance;</li> <li>(b) incorporates siting and design measures to protect and retain identified ecological values and underlying ecosystem processes within or adjacent to the development site;</li> <li>(c) maintains or enhances wildlife interconnectivity at a local and regional scale; and</li> <li>(d) mitigates the impact of other forms of potential disturbance (such as presence of vehicles, pedestrian use, increased exposure to domestic animals, noise and lighting impacts) to protect critical life stage ecological processes (such as feeding, breeding or roosting).</li> </ul> <p>Note—Development applications must identify any EVNT species or their habitats that may be affected by the proposal. In particular, applications are to identify and describe how the development avoids adverse impacts on ecological processes within or adjacent to the development area.</p> <p>Note—A supporting Ecological Assessment Report is prepared in accordance with Planning Scheme Policy 2 – Ecological Assessment Reports.</p> <p>Note—Refer to Ecological corridors identified on SFM001-009 in</p>	<p><b>A05</b> No acceptable outcome is provided</p>	<p>n/a</p>	<p>Not applicable.</p>

Performance outcomes	Acceptable outcomes	Complies	Comments
consideration of wildlife connectivity at a regional scale.			
<b>Legally secured offset areas</b>			
<p><b>PO6</b> Development within a 'Legally secured offset area' identified on the <b>Environmental Significance Overlay Maps (OM-004a-o)</b> or other known Legally Secured Offset Area is consistent with the binding requirements of the offset and does not prejudice, undermine, or negatively impact the inherent ecological values, including all naturally occurring native flora, fauna and their habitat within the Legally Secured Offset Area.</p> <p>Note—A supporting Ecological Assessment Report is prepared in accordance with Planning Scheme Policy 2 – Ecological Assessment Reports.</p>	<p><b>AO6</b> No acceptable outcome is provided.</p>	n/a	Not applicable.

Performance outcomes	Acceptable outcomes	Complies	Comments
<b>Protected areas</b>			
<p><b>PO7</b> Development within a 'Protected area' identified on the <b>Environmental Significance Overlay Maps (OM-004a-o)</b> is consistent with the values of the Protected Area and:</p> <ul style="list-style-type: none"> <li>(a) supports the inherent ecological and community values of the Protected Area asset;</li> <li>(b) maintains or enhances wildlife interconnectivity at a local and regional scale; and</li> <li>(c) does not prejudice, undermine, or negatively impact the inherent ecological values, including all naturally occurring native flora, fauna and their habitat within the Protected Area.</li> </ul> <p>Note—A supporting Ecological Assessment Report is prepared in accordance with Planning Scheme Policy 2 – Ecological Assessment Reports.</p>	<p><b>A07</b> No acceptable outcome is provided</p>	n/a	Not applicable.

**Table 8.2.4.3B - Setback and buffer distances from waterways**

Stream order	Setback and buffer from waterways
1	10 metres from top of high bank
2-4	25 metres from top of high bank
5 or more	50 metres from top of high bank

Note—The stream order of a 'waterway' is to be determined on a case by case basis.

## 8.2.6 Flood hazard overlay code

### 8.2.6.1 Application

- (1) This code applies to assessing development where:
  - (a) land the subject of development is located within a Flood hazard area identified on the **Flood hazard overlay maps (OM-006a-o)**; and
  - (b) it is identified in the assessment benchmarks for assessable development and requirements for accepted development column of an assessment table in Part 5 of the planning scheme.

Note—Natural hazards are appropriately reflected in Overlay Maps 3, 6 and 8 and are required to be mapped by State Government in response to Hazard and Safety State Interests.

Note—where new information, including flood studies or flood modelling supersedes the Flood hazard overlay maps (OM-006a-o) Council may have regard to this new information in the application of the Flood hazard overlay code in the interests of the precautionary principle and the safety of persons and property.

### 8.2.6.2 Purpose

- (1) The purpose of the Flood hazard overlay code is to manage development outcomes in flood hazard areas identified on the **Flood hazard overlay maps (OM-006a-o)** so that risk to life, property, community and the environment during flood events is minimised, and to ensure that development does not increase the potential for flood damage on site or to other property.
- (2) The purpose of the code will be achieved through the following overall outcomes:
  - (a) Development in the 'Extreme flood hazard area':
    - i. maintains and enhances the hydrological function of the land;
    - ii. does not involve filling (earthworks) or changes to existing landform or drainage lines that results in a loss of the flood conveyance and flood storage capacity of the land;
    - iii. is limited to:
      - A. flood proofed Sport and recreation activities;
      - B. Rural activities where for Animal husbandry, Cropping or Permanent plantation;
      - C. flood proofed Utility installations, Substations or Major electricity infrastructure;
      - D. conservation and natural area management; and
      - E. replacement of existing lawful development, including Accommodation activities where habitable rooms are elevated above the defined flood level and include freeboard;Where there is no increase to the number of persons at risk of flood and where development reduces existing or potential risks to life and property.
  - (b) Development in the 'High flood hazard area':
    - i. maintains the hydrological function of the land;
    - ii. does not involve filling (earthworks) or changes to the existing landform or drainage lines that results in a loss of the flood conveyance and flood storage capacity of the land;
    - iii. is limited to:
      - A. flood proofed Sport and recreation activities and Club uses;
      - B. Non-resident workforce accommodation, Relocatable home park, Resort complex, Rooming accommodation, Short term accommodation and

- Tourist park uses where these uses comprise permanent on-site management and a flood evacuation management plan ensures the health and safety of persons during a flood event;
- C. a Dwelling house only where the lot existed or had a lawful reconfiguring a lot approval at the commencement of the planning scheme and the land is included in a Residential zone or the Centre zone or where for minor intensification of existing Dwelling houses;
- D. Rural activities where for Animal husbandry, Cropping or Permanent plantation;
- E. Industrial activities and Commercial activities where it is accepted development that flood damage is incurred as an operational cost and where flood sensitive elements of the development or use are elevated above the defined flood level, including freeboard;
- F. flood proofed Utility installations, Substations or Major electricity infrastructure;
- G. conservation and natural area management; and
- H. replacement of existing lawful development;

where there is no increase to the number of persons at risk of flood and where development reduces existing or potential risks to life and property.

- iv. protects surrounding land and land uses from increased flood hazard impacts;
  - v. elevates habitable rooms for all accommodation activities (including where for minor building work) above the defined flood level, including freeboard.
- (c) Development in the 'Significant flood hazard area':
- i. minimises risk to life and property from flood events;
  - ii. involves changes to the existing landform and drainage lines in this area only where detrimental impacts to the flood hazard risk of surrounding areas is avoided;
  - iii. is limited to:
    - A. Sport and recreation activities;
    - B. Industrial activities and Commercial activities where it is accepted development that flood damage is incurred as an operational cost and where flood sensitive elements of the development or use are elevated above the defined flood level, including freeboard;
    - C. Rural activities;
    - D. Accommodation activities, excluding Residential care facility and Retirement facility;
    - E. flood proofed Community activities, excluding Child care centre, Hospital and Community use where a flood emergency evacuation plan ensures the safety of people during a flood event;
    - F. flood proofed Utility installations, Substations or Major electricity infrastructure;
    - G. conservation and natural area management;
  - iv. locates habitable rooms for all accommodation activities above the defined flood level, including freeboard; and
  - v. locates the minimum floor level for all buildings other than accommodation activities, industrial activities and business activities above the defined flood level.

- (d) Development in the 'Low flood hazard area':
  - i. minimises risk to life and property from flood events;
  - ii. locates habitable rooms for all Accommodation activities above the defined flood level, including freeboard; and
  - iii. locates the minimum floor level for all buildings other than Accommodation activities above the defined flood level, including freeboard.
- (e) Development in the 'Potential flood hazard area':
  - i. maintains the safety of people on the development site from flood events and minimises the potential damage from flooding to property;
  - ii. does not result in adverse impacts on people's safety, the environment or the capacity to use land within the floodplain;
  - iii. locates habitable rooms for all Accommodation activities above a 1% Annual Exceedance Probability (AEP), including freeboard; and
  - iv. locates the minimum floor level for all building work other than Accommodation activities above the 1% AEP flood level, including freeboard.

### 8.2.6.3 Criteria for assessment

**Table 8.2.6.3A - Flood hazard overlay code - For accepted development subject to requirements and assessable development**

Performance outcomes	Acceptable outcomes	Complies	Comments
<b>For accepted development subject to requirements and assessable development</b>			
<b>All flood hazard areas</b>			
<b>PO1</b> Development prevents the carriage or dispersal of contaminants or pollutants into the receiving environment.	<b>AO1</b> The processing or storage of dangerous goods or hazardous materials is: (a) not undertaken in a flood hazard area identified on the <b>Flood hazard overlay maps (OM-006a-o)</b> ; or (b) is located above the defined flood level plus 0.3 metre freeboard.	n/a	The land is outside a flood hazard area as modelled by the Mareeba township Level 2 study.
<b>PO2</b> Essential community infrastructure is able to function effectively during and immediately after flood events.	<b>AO2</b> Design levels for buildings must comply with the flood immunity standards specified in <b>Table 8.2.6.3.B</b> and <b>Table 8.2.6.3.C</b> where within a flood hazard area identified on the <b>Flood hazard overlay maps (OM-006a-o)</b> .	n/a	See comment for PO1.
<b>Extreme flood hazard area</b>			

Performance outcomes	Acceptable outcomes	Complies	Comments
<p><b>PO3</b> Development, where involving a Material change of use within an 'Extreme flood hazard area' on the <b>Flood hazard overlay maps (OM006a-o)</b>, is appropriate to the flood hazard risk having regard to the:</p> <p>(a) likelihood and frequency of flooding;</p> <p>(b) flood risk acceptability of development;</p> <p>(c) vulnerability of and safety risk to persons associated with the use;</p> <p>(d) associated consequences of flooding in regard to impacts on proposed buildings, structures, and supporting infrastructure; and</p> <p>(e) associated consequences of flooding in respect to undue burden on disaster response recovery capacity and capabilities.</p>	<p><b>AO3.1</b> Uses within the following activity groups are not located within an 'Extreme flood hazard area identified' on the <b>Flood hazard overlay maps (OM006a-o)</b>:</p> <p>(a) Accommodation activities;</p> <p>(b) Commercial activities;</p> <p>(c) Community activities except where for a Club with a maximum gross floor area of 100m<sup>2</sup>;</p> <p>(d) Industrial activities;</p> <p>(e) Rural activities, except where for Animal husbandry, Cropping, or Permanent plantation.</p>	n/a	See comment for PO1.
	<p><b>AO3.2</b> Sport and recreation activities are not located within an 'Extreme flood hazard area' identified on the <b>Flood hazard overlay maps (OM006a-o)</b> except where for:</p> <p>(a) Environment facility;</p> <p>(b) Park; or</p> <p>(c) Outdoor sport and recreation (excluding the provision of ancillary facilities or amenities conducted within a building).</p>	n/a	See comment for PO1.



Performance outcomes	Acceptable outcomes	Complies	Comments
<p><b>PO4</b> Development is located and designed to:</p> <p>(a) maintain and enhance the flood conveyance capacity of the premises;</p> <p>(b) not increase the number of people calculated to be at risk from flooding;</p> <p>(c) not increase the flood impact on adjoining premises;</p> <p>(d) ensure the safety of all persons by ensuring that development levels are set above the defined flood level;</p> <p>(e) reduce property damage; and</p> <p>(f) provide flood immune access to buildings.</p> <p>Note—Buildings may be constructed from flood resistant, waterproof materials below the defined flood level where certified by a qualified structural engineer to be flood proof (including the ability to withstand damage from floodwater and debris) and where an alternative outcome to AO4.1-AO4.4 is also demonstrated.</p> <p>Note—In the event that a lawful building or structure is destroyed by flood or other event the building may be replaced in situ where there is no increase in:</p> <p>i. gross floor area; or</p> <p>ii. the number of dwellings or bedrooms on the premises.</p>	<p><b>AO4.1</b> Buildings, including extensions to existing buildings, are:</p> <p>(a) not located within an 'Extreme flood hazard area' identified on the <b>Flood hazard overlay maps (OM006a-o)</b>; or</p> <p>(b) elevated above the defined flood level, with 0.3 metres freeboard from the defined flood level provided for habitable rooms within a dwelling.</p>	n/a	See comment for PO1.
	<p><b>AO4.2</b> All building work must be high set and retains the flood storage and conveyance capacity of the premises.</p> <p>Note—Building work must be certified by a qualified structural engineer to be flood proof including the ability to withstand damage from floodwater and debris.</p>	n/a	See comment for PO1.
	<p><b>AO4.3</b> New buildings are provided with flood free pedestrian and vehicle evacuation access between the building and a flood safe accessible road.</p> <p>Note—A flood safe accessible road includes a road where identified as outside a flood hazard area or within a 'Low flood hazard area', 'Potential flood hazard area' or 'Significant flood hazard area' on the <b>Flood hazard overlay maps (OM006a-o)</b>.</p>	n/a	See comment for PO1.
	<p><b>AO4.4</b> Development does not increase the number of lots in the 'Extreme flood hazard area' identified on the <b>Flood hazard overlay maps (OM006a-o)</b> except where for the purposes of public open space.</p>	n/a	See comment for PO1.

Performance outcomes	Acceptable outcomes	Complies	Comments
<p><b>PO5</b> Development involving earthworks in a Flood hazard area below the defined flood level must protect life and property on premises and off premises through maintaining:</p> <ul style="list-style-type: none"> <li>(a) flood storage capacity of land;</li> <li>(b) flood conveyance function of land;</li> <li>(c) flood and drainage channels;</li> <li>(d) overland flow paths; and</li> <li>(e) flood warning times.</li> </ul>	<p><b>AO5</b> Filling above ground level is not undertaken in the 'Extreme flood hazard area' identified on the <b>Flood hazard overlay maps (OM006a-o)</b>.</p>	n/a	See comment for PO1.
<b>High flood hazard area</b>			
<p><b>PO6</b> Development, where for a Material change of use within a 'High flood hazard area' identified on the <b>Flood hazard overlay maps (OM-006a-o)</b>, is appropriate to the flood hazard risk having regard to the:</p> <ul style="list-style-type: none"> <li>(a) likelihood and frequency of flooding;</li> <li>(b) flood risk acceptability of development;</li> <li>(c) vulnerability of and safety risk to persons associated with the use;</li> <li>(d) associated consequences of flooding in regard to impacts on proposed buildings, structures and supporting infrastructure; and</li> <li>(e) associated consequences of flooding in respect to undue burden on</li> </ul>	<p><b>AO6.1</b> Uses within the following activity groups are not located within a 'High flood hazard area' identified on the <b>Flood hazard overlay maps (OM006a-o)</b>:</p> <ul style="list-style-type: none"> <li>(a) Accommodation activities, except where for Dwelling house and only where the lot existed or had a lawful reconfiguring a lot approval at the commencement of the planning scheme and the land is included in a Residential zone or the Centre zone;</li> <li>(b) Community activities except where for a Club with a maximum gross floor area of 100m<sup>2</sup>;</li> <li>(c) Rural activities, except where for Animal husbandry, Cropping or Permanent plantation.</li> </ul>	n/a	See comment for PO1.

Performance outcomes	Acceptable outcomes	Complies	Comments
<p>disaster response recovery capacity and capabilities.</p>	<p><b>AO6.2</b> Sport and recreation activities are not located within a 'High flood hazard area' identified on the <b>Flood hazard overlay maps (OM006a-o)</b> except where for: (a) Environment facility; (b) Park; or (c) Outdoor sport and recreation (excluding the provision of ancillary facilities or amenities conducted within a building).</p>	<p>n/a</p>	<p>See comment for PO1.</p>
<p><b>PO7</b> Development is located and designed to: (a) maintain hydrological function of the premises; (b) not increase the number of people calculated to be at risk from flooding; (c) minimises the flood impact on adjoining premises; (d) ensure the safety of all persons by ensuring that an appropriate proportion of buildings are set above the defined flood level; (e) reduce the carriage of debris in flood waters; (f) reduce property damage; and (g) provide flood immune access to buildings.</p> <p>Note—Buildings may be constructed from flood resistant, waterproof materials below the defined flood level where certified by a qualified structural engineer to be flood proof (including the ability to withstand</p>	<p><b>AO7.1</b> Buildings, including extensions to existing buildings are: (a) not located within the 'High flood hazard area' identified on the <b>Flood hazard overlay maps (OM006a-o)</b>; or (b) elevated above the defined flood level, with 0.3 metres freeboard from the defined flood level provided for habitable rooms within a dwelling.</p> <p>OR</p>	<p>n/a</p>	<p>See comment for PO1.</p>

Performance outcomes	Acceptable outcomes	Complies	Comments
<p>damage from floodwater and debris) and where an alternative outcome to AO8.1-AO8.9 is also demonstrated.</p>	<p><b>AO7.2</b> Buildings used for Commercial activities or Industrial activities include a minimum floor level of 0.3 metres above the defined flood where for the following components of the use: (a) administrative areas; or (b) services, plant and equipment associated with the building.</p> <p>Note—AO8.2 accepts that the cost of flood impact is an operational cost of the Commercial activity or Industrial activity.</p> <p>Note—Building work must be certified by a qualified structural engineer to be flood proof including the ability to withstand damage from floodwater and debris.</p>	n/a	See comment for PO1.
	<p><b>AO7.3</b> All building work below the defined flood level must be high set (comprising pier and beam construction) and retains the flood storage and conveyance capacity of the premises.</p>	n/a	See comment for PO1.
	<p><b>AO7.4</b> New buildings are provided with flood free pedestrian and vehicle evacuation access between the building and a flood safe accessible road.</p> <p>Note—A flood safe accessible road includes a road where identified as outside a flood hazard area or within a 'Low flood hazard area', 'Potential flood hazard area' or 'Significant flood hazard area' on the <b>Flood hazard overlay maps (OM006a-o)</b>.</p>	n/a	See comment for PO1.
	<p><b>AO7.5</b> New temporary, relocatable or impermanent buildings and structures are to be anchored with the ability to withstand transportation by floodwater.</p> <p>Note—Building work must be certified by a qualified structural engineer.</p>	n/a	See comment for PO1.

Performance outcomes	Acceptable outcomes	Complies	Comments
	<b>AO7.6</b> Dwellings do not exceed four bedrooms.	n/a	See comment for PO1.
	<b>AO7.7</b> Building work on an existing dwelling does not comprise additional bedrooms.	n/a	See comment for PO1.
	<b>AO7.8</b> Building work on an existing dwelling is limited to a maximum increase of 20 percent of the lawfully approved gross floor area of the existing dwelling.	n/a	See comment for PO1.
	<b>AO7.9</b> Development does not increase the number of lots in the 'High flood hazard area; as identified on the <b>Flood hazard overlay maps (OM006a-o)</b> except where for the purposes of public open space.	n/a	See comment for PO1.
<b>PO8</b> Development involving earthworks in a Flood hazard area below the defined flood level must protect life and property on premises and off premises through maintaining: (a) flood storage capacity of land; (b) flood conveyance function of land; (c) flood and drainage channels; (d) overland flow paths; and (e) flood warning times.	<b>AO8</b> Filling above ground level is not undertaken in the 'High flood hazard area' identified on the <b>Flood hazard overlay maps (OM006a-o)</b> .	n/a	See comment for PO1.
<b>Significant flood hazard area</b>			

Performance outcomes	Acceptable outcomes	Complies	Comments
<p><b>PO9</b> Development, involving a Material change of use, within a 'Significant flood hazard area' on the <b>Flood hazard overlay maps (OM006a-o)</b> is appropriate to the flood hazard risk having regard to the:</p> <p>(a) likelihood and frequency of flooding;</p> <p>(b) flood risk acceptability of development;</p> <p>(c) vulnerability of and safety risk to persons associated with the use;</p> <p>(d) associated consequences of flooding in regard to impacts on proposed buildings, structures and supporting infrastructure; and</p> <p>(e) associated consequences of flooding in respect to undue burden on disaster response recovery capacity and capabilities.</p>	<p><b>AO9</b> The following uses are not located within a 'Significant flood hazard area' identified on the <b>Flood hazard overlay maps (OM006a-o)</b>:</p> <p>(a) Residential care facility;</p> <p>(b) Retirement facility;</p> <p>(c) Child care centre;</p> <p>(d) Hospital; or</p> <p>(e) Community use.</p>	n/a	See comment for PO1.
<b>Significant flood hazard area, Low flood hazard area or Potential flood hazard area</b>			

Performance outcomes	Acceptable outcomes	Complies	Comments
<p><b>PO10</b> Development, where involving a Material change of use or Building work, is located and designed to:</p> <p>(a) maintain hydrological function of the premises;</p> <p>(b) not increase the number of people calculated to be at risk from flooding;</p> <p>(c) minimises the flood impact on adjoining premises;</p> <p>(d) ensure the safety of all persons by ensuring that a proportion of buildings are set above the defined flood level;</p> <p>(e) reduce the carriage of debris in flood waters;</p> <p>(f) reduce property damage; and</p> <p>(g) provide flood immune access to buildings.</p> <p>Note—Where the development is located in a 'Potential flood hazard area' identified on the <b>Flood hazard overlay maps (OM006a-o)</b> and there is no defined flood level a hydraulic (flood hazard assessment) report prepared by a RPEQ is required in substantiation of an alternative outcome is required or the defined flood level from the adjacent representative hazard zone is used.</p>	<p><b>AO10.1</b> Buildings, including extensions to existing buildings are:</p> <p>(a) elevated above the defined flood level; and</p> <p>(b) the defined flood event does not exceed a depth of 600mm; and</p> <p>(c) elevated above the defined flood level plus 0.3 metres freeboard where for habitable rooms within a dwelling.</p> <p>OR</p>	n/a	See comment for PO1.
	<p><b>AO10.2</b> Buildings used for Commercial activities or Industrial activities include a minimum floor level of 0.3 metres above the defined flood where for the following components of the use:</p> <p>(a) administrative areas; or</p> <p>(b) services, plant and equipment associated with the building.</p> <p>Note—AO10.2 accepts that the cost of flood impact is an operational cost of the Commercial activity or Industrial activity.</p> <p>Note—Building work must be certified by a qualified structural engineer to be flood proof including the ability to withstand damage from floodwater and debris.</p>	n/a	See comment for PO1.
	<p><b>AO10.3</b> All building work below the defined flood level must be high set (comprising pier and beam construction) and retains the flood storage and conveyance capacity of the premises.</p> <p>Note—Building work must be certified by a qualified structural engineer to be flood proof including the ability to withstand damage from floodwater and debris.</p>	n/a	See comment for PO1.

Performance outcomes	Acceptable outcomes	Complies	Comments
<p><b>PO11</b> Development involving earthworks in a Flood hazard area below the defined flood level must protect life and property on premises and off premises through maintaining:</p> <ul style="list-style-type: none"> <li>(a) flood storage capacity of land;</li> <li>(b) flood conveyance function of land;</li> <li>(c) flood and drainage channels;</li> <li>(d) overland flow paths; and</li> <li>(e) flood warning times.</li> </ul>	<p><b>AO11</b> Development does not involve in excess of 50m<sup>3</sup> of fill above ground level per 1,000m<sup>2</sup> of site area.</p>	n/a	See comment for PO1.
<p><b>For assessable development</b></p>			
<p><b>Where for Material change of use or Reconfiguring a lot that involves new gross floor area or increases the number of persons living, working or residing in the Extreme flood hazard area, High flood hazard area or Significant flood hazard area other than a Dwelling house.</b></p>			



Performance outcomes	Acceptable outcomes	Complies	Comments
<p><b>PO12</b> Flood risk management minimises the impact on property and appropriately protects the health and safety of persons at risk of Extreme, high or significant flood hazard, and:</p> <ul style="list-style-type: none"> <li>(a) indicates the position and path of all safe evacuation routes off the site; and</li> <li>(b) if the site contains or is within 100 metres of a flood hazard area, hazard warning signage and depth indicators are provided at key hazard points, such as at floodway crossings.</li> </ul> <p>Note—A Material change of use or Reconfiguring a lot that involves new gross floor area or increases the number of persons living, working or residing in the 'Extreme flood hazard area' identified on the <b>Flood hazard overlay map (OM006a-o)</b> is supported by a Flood Emergency Evacuation Plan prepared by suitably qualified persons having regard to Floodplain Management in Australia: Best Practice Principles and Guidelines (2000), prepared by Standing Committee on Agriculture and Resource Management (SCARM), CSIRO.</p>	<p><b>AO12</b> No acceptable outcome is provided.</p>	<p>n/a</p>	<p>See comment for PO1.</p>

Performance outcomes	Acceptable outcomes	Complies	Comments
<b>Significant flood hazard area, Low flood hazard area or Potential flood hazard area</b>			
<p><b>PO13</b> Development, where involving Reconfiguring a lot, is located and designed to:</p> <ul style="list-style-type: none"> <li>(a) maintain hydrological function of the premises;</li> <li>(b) not increase the number of people calculated to be at risk from flooding;</li> <li>(c) minimises the flood impact on adjoining premises;</li> <li>(d) ensure the safety of all persons by ensuring that a proportion of buildings are set above the defined flood level;</li> <li>(e) reduce the carriage of debris in flood waters;</li> <li>(f) reduce property damage; and</li> <li>(g) provide flood immune access to buildings.</li> </ul> <p>Note—Where the development is located in a 'Potential flood hazard area' identified on the <b>Flood hazard overlay maps (OM006a-o)</b> and there is no defined flood level a hydraulic (flood hazard assessment) report prepared by a RPEQ is required in substantiation of an alternative outcome is required or the defined flood level from the adjacent representative hazard zone is used.</p>	<p><b>AO13</b> No acceptable outcome is provided.</p>	n/a	See comment for PO1.

**Table 8.2.6.3B Flood immunity levels**

Development Category	Minimum design floor or pavement levels (mAHD)
Category A	1% AEP + 0.5 metres
Category B	1% AEP + 0.3 metres
Category C	1% AEP

Category D	1% AEP
Category E	2% AEP

Note—Refer Table 8.2.6.3D for building classification by Category.

**Table 8.2.6.3C Community infrastructure flood immunity levels**

Development Type	Minimum design floor or pavement levels (mAHD)
Emergency services, where for:	
• Emergency Shelters	0.1% AEP
• Police facilities	0.5% AEP
• Other Emergency services	0.1% AEP + 0.5 metres
Hospital	0.1% AEP+ 0.5 metres
Community use (where for the storage of valuable records or items of historic or cultural significance including libraries and museums)	0.5% AEP
Special industry (where for power station)	0.5% AEP
Substations	0.5% AEP
Utility installation (where for a sewage treatment plant)	Defined flood level
Utility installation (where for a water treatment plant)	0.5% AEP
Utility installation (other)	Alternative outcome required.
Air services	Alternative outcome required.

**Table 8.2.6.3D Development category**

Building Code of Australia Building classification <sup>(1)</sup>	Development types and design levels, assigned design floor or pavement levels	Category – refer to Table 8.2.6.3B for flood planning levels
Class 1–4	Habitable room	Category A
	Non-habitable room including patio and courtyard	Category B
	Non-habitable part of a Class 2 or Class 3 building excluding the essential services <sup>(2)</sup> control room	Category B
	Parking located in the building undercroft of a multiple dwelling	Category C
	Carport, unroofed car park; vehicular manoeuvring area	Category D
	Essential electrical services <sup>(2)</sup> of a Class 2 or Class 3 building only	Category A
	Basement parking entry	Category C + 0.3 metres
Class 5, Class 6, or Class 8	Building floor level	Category C
	Garage or car park located in the building undercroft	Category C

Building Code of Australia Building classification <sup>(1)</sup>	Development types and design levels, assigned design floor or pavement levels	Category – refer to Table 8.2.6.3B for flood planning levels
	Carport or unroofed car park	Category D
	Vehicular access and manoeuvring areas	Category D
	Basement parking entry	Category C
	Essential electrical services <sup>(2)</sup>	Class 8 – Category Class 5 & 6 – Category A
Class 7a	Refer to the relevant building class specified in this table	
Class 7b	Building floor level	Category C
	Vehicular access and manoeuvring area	Category D
	Essential electrical services <sup>(2)</sup>	Category C
Class 9	Building floor level	Category A
	Building floor level for habitable rooms in Class 9a or 9c where for a Residential care facility	0.2% AEP flood
	Building floor level for habitable rooms in Class 9b where involving children, such as a child care centre	0.2% AEP flood
	Garage or car park located in the building undercroft	Category C
	Carport or unroofed car park	Category D
	Vehicular access and manoeuvring areas	Category D
	Essential electrical services <sup>(2)</sup>	Category A
Class 10a	Car parking facility	Refer to the relevant building class specified in this table
	Shed or the like	Category D
Class 10b	Swimming pool	Category E
	Associated mechanical and electrical pool equipment	Category C
	Other structures	Flood planning levels do not apply

<sup>(1)</sup> Refer to the Building Code of Australia for definitions of building classifications.

<sup>(2)</sup> Essential electrical services include any area or room used for fire control panel, telephone PABX, sensitive substation equipment including transformers, low voltage switch gear, high voltage switch gear, battery chargers, protection control and communication equipment, low voltage cables, high voltage cables, and lift or pump controls.

## 8.2.11 Transport infrastructure overlay code

### 8.2.11.1 Application

- (1) This code applies to assessing development where:
  - (a) land the subject of development adjoins a rail corridor identified on the **Transport infrastructure overlay maps (OM-011a-j)**; and
  - (b) it is identified in the assessment criteria column of an assessment table in Part 5 of the planning scheme.

Note—State transport infrastructure is appropriately reflected in Overlay Map 11 and is required to be mapped by State Government in response to Infrastructure State Interests.

Note—The Transport infrastructure overlay includes mapped Transport Noise Corridors in accordance with section 246ZA of the Building Act. These corridors are mapped on **Transport infrastructure overlay maps (OM-011i-s)** for information purposes only. Development on land within a mapped corridor is not subject to any specific provisions under this planning scheme. The Queensland Development Code should be consulted in this respect.

### 8.2.11.2 Purpose

- (1) The purpose of the Transport infrastructure overlay code is to promote the ongoing and expanded use of rail corridors within the shire for the transportation of passengers and freight.
- (2) The purpose of the code will be achieved through the following overall outcomes:
  - (a) Active ‘Rail corridors’ are protected from adjoining land uses which may prejudice their ongoing and expanded use;
  - (b) Inactive ‘Rail corridors’ are preserved and protected for potential reuse for passenger or freight movements;
  - (c) Non-residential development adjoining a ‘Rail corridor’ does not prevent the future use of the rail corridor by the site; and
  - (d) Development compliments the use of ‘Rail corridors’ for tourist activities.

### 8.2.11.3 Criteria for assessment

**Table 8.2.11.3 – Transport infrastructure overlay code - For self-assessable and assessable development**

Performance outcomes	Acceptable outcomes	Complies	Comments
<b>For self-assessable and assessable development</b>			
<b>PO1</b> Development does prejudice the: <ol style="list-style-type: none"> <li>(a) ongoing operation of an active ‘Rail corridor’ identified on the <b>Transport infrastructure overlay maps (OM-011a-j)</b>; or</li> <li>(b) the potential future use of an inactive ‘Rail corridor’ identified on the <b>Transport infrastructure</b></li> </ol>	<b>AO1</b> Buildings and structures are setback from a boundary with an active or inactive ‘Rail corridor’ identified on the <b>Transport infrastructure overlay maps (OM-011a-j)</b> a minimum of: <ol style="list-style-type: none"> <li>(a) 40 metres where:               <ol style="list-style-type: none"> <li>(i) in the Rural zone; and</li> <li>(ii) on a site with an area of 2 hectares or greater; or</li> </ol> </li> <li>(b) 5 metres otherwise.</li> </ol>	n/a	Not applicable.

Performance outcomes	Acceptable outcomes	Complies	Comments
<b>overlay maps (OM-011a-j).</b>			
<b>For assessable development</b>			
<p><b>PO2</b>  Non-residential development adjoining a rail corridor identified on the <b>Transport infrastructure overlay maps (OM-011a-j)</b> is designed to allow for the future use of the 'Rail corridor' by the land use.</p>	<p><b>AO2</b>  No acceptable outcome is provided</p>	n/a	Not applicable.
<p><b>PO3</b>  Development adjoining a 'Rail corridor' identified on the <b>Transport infrastructure overlay maps (OM-011a-j)</b> used for the transportation of tourists is designed to:</p> <ul style="list-style-type: none"> <li>(a) provide visual interest;</li> <li>(b) screen or enhance areas of limited visual interest; and</li> <li>(c) complement and enhance the character of the shire.</li> </ul>	<p><b>AO3</b>  No acceptable outcome is provided</p>	n/a	Not applicable.

## 9.4.2 Landscaping code

### 9.4.2.1 Application

This code applies where it is identified in the assessment criteria column of an assessment table in Part 5 of the planning scheme.

### 9.4.2.2 Purpose

- (1) The purpose of the Landscaping code is to ensure all development is landscaped to a standard that:
  - (a) complements the scale and appearance of the development;
  - (b) protects and enhances the amenity and environmental values of the site;
  - (c) complements and enhances the streetscape and local landscape character; and
  - (d) ensures effective buffering of incompatible land uses to protect local amenity.
  
- (2) The purpose of the code will be achieved through the following overall outcomes:
  - (a) Landscaping is a functional part of development design and is commensurate with the intended use;
  - (b) Landscaping accommodates the retention of existing significant on site vegetation where appropriate and practical;
  - (c) Landscaping treatments complement the scale, appearance and function of the development;
  - (d) Landscaping contributes to an attractive streetscape;
  - (e) Landscaping enhances the amenity and character of the local area;
  - (f) Landscaping enhances natural environmental values of the site and the locality;
  - (g) Landscaping provides effective screening both on site, if required, and between incompatible land uses;
  - (h) Landscaping provides shade in appropriate circumstances;
  - (i) Landscape design enhances personal safety and reduces the potential for crime and vandalism; and
  - (j) Intensive land uses incorporate vegetated buffers to provide effective screening of buildings, structures and machinery associated with the use.

### 9.4.2.3 Criteria for assessment

**Table 9.4.2.3A—Landscaping code - For self-assessable and assessable development**

Performance outcomes	Acceptable outcomes	Complies	Comments
<b>For self-assessable and assessable development</b>			
<p><b>PO1</b> Development, other than in the Rural zone, includes landscaping that:</p> <ul style="list-style-type: none"> <li>(a) contributes to the landscape character of the Shire;</li> <li>(b) compliments the character of the immediate surrounds;</li> <li>(c) provides an appropriate balance between built and natural elements; and</li> <li>(d) provides a source of visual interest.</li> </ul>	<p><b>AO1</b> Development, other than in the Rural zone, provides:</p> <ul style="list-style-type: none"> <li>(a) a minimum of 10% of the site as landscaping;</li> <li>(b) planting in accordance with Planning Scheme Policy 6 - Landscaping and preferred plant species;</li> <li>(c) for the integration of retained significant vegetation into landscaping areas;</li> <li>(d) on-street landscaping works in accordance with the Design Guidelines set out in Section D9 Landscaping, of the Planning Scheme Policy 4 - FNQROC Regional Development Manual.</li> </ul> <p>Note—Where development exceeds a site cover of 90%, areas of landscaping may be provided above ground level to achieve a total supply of landscaping equivalent to 10% of the site area.</p>	n/a	Not applicable. The subject land is within the Rural zone.
<p><b>PO2</b> Development, other than in the Rural zone, includes landscaping along site frontages that:</p> <ul style="list-style-type: none"> <li>(a) creates an attractive streetscape;</li> <li>(b) compliments the character of the immediate surrounds;</li> <li>(c) assists to break up and soften elements of built form;</li> <li>(d) screen areas of limited visual interest or servicing;</li> </ul>	<p><b>AO2</b> Development, other than in the Rural zone, includes a landscape strip along any site frontage:</p> <ul style="list-style-type: none"> <li>(a) with a minimum width of 2 metres where adjoining a car parking area;</li> <li>(b) with a minimum width of 1.5 metres in all other locations; and</li> <li>(c) in accordance with Planning Scheme Policy 6 - Landscaping and preferred plant species.</li> </ul>	n/a	Not applicable. The subject land is within the Rural zone.



Performance outcomes	Acceptable outcomes	Complies	Comments
(e) provide shade for pedestrians; and (f) includes a range and variety of planting.	Note—Where development is setback from a frontage less than 1.5 metres, the setback area is provided as a landscape strip		
<b>PO3</b> Development includes landscaping and fencing along side and rear boundaries that: (a) screens and buffer land uses; (b) assists to break up and soften elements of built form; (c) screens areas of limited visual interest; (d) preserves the amenity of sensitive land uses; and (e) includes a range and variety of planting.	<b>AO3.1</b> Development provides landscape treatments along side and rear boundaries in accordance with <b>Table 9.4.2.3B</b> .	✓	Landscape treatments not triggered for rural reconfiguration.
	<b>AO3.2</b> Shrubs and trees provided in landscape strips along side and rear boundaries: (a) are planted at a maximum spacing of 1 metre; (b) will grow to a height of at least 2 metres; (c) will grow to form a screen of no less than 2 metres in height; and (d) are mulched to a minimum depth of 0.1 metres with organic mulch.	✓	Landscape treatments not triggered for rural reconfiguration.
	<b>AO3.3</b> Any landscape strip provided along a side or rear boundary is designed in accordance with Planning Scheme Policy 6 - Landscaping and preferred plant species.	✓	Landscape treatments not triggered for rural reconfiguration.
<b>PO4</b> Car parking areas are improved with a variety of landscaping that:	<b>AO4.1</b> Landscaping is provided in car parking areas which provides:	n/a	Not applicable.

Performance outcomes	Acceptable outcomes	Complies	Comments
(a) provides visual interest; (b) provides a source of shade for pedestrians; (c) assists to break up and soften elements; and (d) improves legibility.	(a) a minimum of 1 shade tree for every 4 parking spaces, or part thereof, where the car parking area includes 12 or more spaces; (b) a minimum of 1 shade tree for every 6 parking spaces, or part thereof, otherwise; and (c) where involving a car parking area in excess of 500m <sup>2</sup> : (i) shade structures are provided for 50% of parking spaces; and (ii) a minimum of 10% of the parking area as landscaping.  Note—Where a shade structure is provided over part of a car parking area, shade tree planting is not required in this area of the car parking area.		
	<b>AO4.2</b> Landscaping in car parking areas is designed in accordance with Planning Scheme Policy 6 - Landscaping and preferred plant species.	n/a	Not applicable.
<b>PO5</b> Landscaping areas include a range and variety of planting that: (a) is suitable for the intended purpose and local conditions;	<b>AO5.1</b> Plant species are selected from the Plant Schedule in Planning Scheme Policy 6 - Landscaping and preferred plant species.	n/a	Not applicable.
(b) contributes to the natural character of the Shire; (c) includes native species; (d) includes locally endemic species, where practical; and (e) does not include	<b>AO5.2</b> A minimum of 25% of (new and existing) plants is provided as larger, advanced stock with a minimum plant height of 0.7 metres and mulched to a minimum depth of 0.1 metres with organic mulch.	n/a	Not applicable.

Performance outcomes	Acceptable outcomes	Complies	Comments
invasive plants or weeds.			
<b>PO6</b> Landscaping does not impact on the ongoing provision of infrastructure and services to the Shire.	<b>AO6.1</b> Tree planting is a minimum of (a) 2 metres from any underground water, sewer, gas, electricity or telecommunications infrastructure; and (b) 4 metres from any inspection chamber.	n/a	Not applicable.
	<b>AO6.2</b> Vegetation below or within 4 metres of overhead electricity lines and power poles has a maximum height of 3.5 metres at maturity.	n/a	Not applicable.
	<b>AO6.3</b> Vegetation adjoining an electricity substation boundary, at maturity, will have: (a) a height of less than 4 metres; and (b) no foliage within 3 metres of the substation boundary, unless the substation has a solid wall along any boundary.	n/a	Not applicable.
<b>For assessable development</b>			
<b>PO7</b> Landscaping areas are designed to: (a) be easily maintained throughout the ongoing use of the site; (b) allow sufficient area and access to sunlight and water for plant growth; (c) not cause a nuisance to occupants of the site or members of the public; and	<b>AO7</b> No acceptable outcome is provided.	n/a	Not applicable.

Performance outcomes	Acceptable outcomes	Complies	Comments
(d) maintain or enhance the safety of pedestrians through the use of Crime Prevention Through Environmental Design principles.			

**Table 9.4.2.3B—Side and rear boundary landscape treatments**

Location or use	Landscape Strip Minimum Width	Screen Fencing Minimum Height	Extent of treatment
Where car parking, servicing or manoeuvring areas adjoin a side or rear boundary	1 metre	Not applicable	To the extent these areas adjoin the boundary
Where involving a use other than a dwelling house on a site with a common boundary with land in the Low density residential zone, the Medium density residential zone or the Rural residential zone:	1.5 metres	1.8 metres	Along the common boundary.
Development for an industrial activity which has a common boundary with land not within the Industry zone	2 metres	1.8 metres	Along the common boundary
Development involving (a) Tourist park not in the Rural zone (b) Sales office (c) Multiple dwelling (d) Residential care facility; or (e) Dual occupancy	Not applicable	1.8 metres	Along all side and rear boundaries and between dwellings for a Dual occupancy.
Development involving (a) Tourist park in the Rural zone (b) Service station (c) Car wash; or (d) Utility installation	2 metres	Not applicable	Along all side and rear boundaries
For: (a) waste storage; (b) equipment; (c) servicing areas; and (d) private open space and site facilities associated with Caretaker's accommodation.	Not applicable	1.8 metres	To prevent visibility

Note—Where more than one landscape treatment is applicable to a development in the above table, the development is to provide a landscape treatment that satisfies all applicable minimum specifications.

### 9.4.3 Parking and access code

#### 9.4.3.1 Application

This code applies to assessing development where it is identified in the assessment criteria column of an assessment table in Part 5 of the planning scheme.

#### 9.4.3.2 Purpose

- (1) The purpose of the Parking and access code is to ensure:
  - (a) parking areas are appropriately designed, constructed and maintained;
  - (b) the efficient functioning of the development and the local road network; and
  - (c) all development provides sufficient parking, loading/service and manoeuvring areas to meet the demand generated by the use.
  
- (2) The purpose of the code will be achieved through the following overall outcomes:
  - (a) Land uses have a sufficient number of parking and bicycle spaces designed in a manner to meet the requirements of the user;
  - (b) Parking spaces and associated manoeuvring areas are safe, functional and provide equitable access;
  - (c) Suitable access for all types of vehicles likely to utilise a parking area is provided in a way that does not compromise the safety and efficiency of the surrounding road network;
  - (d) Premises are adequately serviced to meet the reasonable requirements of the development; and
  - (e) End of trip facilities are provided by new major developments to facilitate alternative travel modes.

#### 9.4.3.3 Criteria for assessment

**Table 9.4.3.3A—Parking and access code – For self-assessable and assessable development**

Performance outcomes	Acceptable outcomes	Complies	Comments
<b>For self-assessable and assessable development</b>			
<b>Car parking spaces</b>			
<b>PO1</b> Development provides sufficient car parking to accommodate the demand likely to be generated by the use, having regard to the: <ol style="list-style-type: none"> <li>(a) nature of the use;</li> <li>(b) location of the site;</li> <li>(c) proximity of the use to public transport services;</li> <li>(d) availability of active transport infrastructure; and</li> <li>(e) accessibility of the use to all members of the community.</li> </ol>	<b>AO1</b> The number of car parking spaces provided for the use is in accordance with <b>Table 9.4.3.3B</b> .  Note—Car parking spaces provided for persons with a disability are to be considered in determining compliance with AO1.	✓	Each proposed allotment would contain sufficient area to meet the typical on site car parking demands.

Performance outcomes	Acceptable outcomes	Complies	Comments
<b>Vehicle crossovers</b>			
<p><b>PO2</b> Vehicle crossovers are provided to::</p> <p>(a) ensure safe and efficient access between the road and premises;</p> <p>(b) minimize interference with the function and operation of roads; and</p> <p>(c) minimise pedestrian to vehicle conflict.</p>	<p><b>AO2.1</b> Vehicular access to/from Council roads is designed and constructed in accordance with the Standard drawings in Planning Scheme Policy 4 - FNQROC Regional Development Manual.</p>	✓	Access to each proposed allotment will be conditioned for upgrade in accordance with the FNQROC Regional Development Manual.
	<p><b>AO2.2</b> Development on a site with two or more road frontages provides vehicular access from:</p> <p>(a) the primary frontage where involving Community activities or Sport and recreation activities, unless the primary road frontage is a State-controlled road; or</p> <p>(b) from the lowest order road in all other instances.</p>	n/a	Not applicable.
	<p><b>AO2.3</b> Vehicular access for particular uses is provided in accordance with <b>Table 9.4.3.3E</b>.</p>	✓	Access to each proposed allotment will be conditioned for upgrade in accordance with the FNQROC Regional Development Manual.
<p><b>PO3</b> Access, manoeuvring and car parking areas include appropriate pavement treatments having regard to:</p> <p>(a) the intensity of anticipated vehicle movements;</p> <p>(b) the nature of the use that they service; and</p> <p>(c) the character of the surrounding locality.</p>	<p><b>AO3</b> Access, manoeuvring and car parking areas include pavements that are constructed in accordance with <b>Table 9.4.3.3C</b>.</p>	n/a	Not applicable.

Performance outcomes	Acceptable outcomes	Complies	Comments
<b>For assessable development</b>			
<b>Parking area location and design</b>			
<b>PO4</b> Car parking areas are located and designed to: <ul style="list-style-type: none"> <li>(a) ensure safety and efficiency in operation; and</li> <li>(b) be consistent with the character of the surrounding locality.</li> </ul>	<b>AO4.1</b> Car parking spaces, access and circulation areas have dimensions in accordance with AS/NZS 2890.1 Off-street car parking.	n/a	Not applicable.
	<b>AO4.2</b> Disabled access and car parking spaces are located and designed in accordance with AS/NZS 2890.6 Parking facilities - Off-street parking for people with disabilities.	n/a	Not applicable.
	<b>AO4.3</b> The car parking area includes designated pedestrian routes that provide connections to building entrances.	n/a	Not applicable.
	<b>AO4.4</b> Parking and any set down areas are: <ul style="list-style-type: none"> <li>(a) wholly contained within the site;</li> <li>(b) visible from the street where involving Commercial activities, Community activities, Industrial activities or a use in the Recreation and open space zone;</li> <li>(c) are set back behind the main building line where involving a Dual occupancy, Multiple dwelling, Residential care facility or Retirement facility; and</li> </ul>	n/a	Not applicable.



Performance outcomes	Acceptable outcomes	Complies	Comments
	(d) provided at the side or rear of a building in all other instances.		
<b>Site access and manoeuvring</b>			
<b>PO5</b> Access to, and manoeuvring within, the site is designed and located to: (a) ensure the safety and efficiency of the external road network; (b) ensure the safety of pedestrians; (c) provide a functional and convenient layout; and (d) accommodate all vehicles intended to use the site.	<b>AO5.1</b> Access and manoeuvrability is in accordance with : (a) AS28901 – Car Parking Facilities (Off Street Parking); and (b) AS2890.2 – Parking Facilities (Off-street Parking) Commercial Vehicle Facilities.  Note—Proposal plans should include turning circles designed in accordance with AP34/95 (Austroads 1995) Design Vehicles and Turning Path Templates.	n/a	Not applicable.
	<b>AO5.2</b> Vehicular access has a minimum sight distance in accordance with Part 5 of AUSTROADS.	✓	Can be conditioned to comply.
	<b>AO5.3</b> Vehicular access is located and designed so that all vehicles enter and exit the site in a forward gear.	✓	Can be conditioned to comply.
	<b>AO5.4</b> Pedestrian and cyclist access to the site: (a) is clearly defined; (b) easily identifiable; and (c) provides a connection between the site frontage and the entrance to buildings and end of trip facilities (where provided).	n/a	Not applicable.

Performance outcomes	Acceptable outcomes	Complies	Comments
<p><b>PO6</b> Development that involves an internal road network ensures that it's design:</p> <p>(a) ensure safety and efficiency in operation;</p> <p>(b) does not impact on the amenity of residential uses on the site and on adjoining sites, having regard to matters of:</p> <p>(i) hours of operation;</p> <p>(ii) noise</p> <p>(iii) light; and</p> <p>(iv) odour;</p> <p>(c) accommodates the nature and volume of vehicle movements anticipated to be generated by the use;</p> <p>(d) allows for convenient access to key on-site features by pedestrians, cyclists and motor vehicles; and</p> <p>(e) in the Rural zone, avoids environmental degradation.</p>	<p><b>AO6.1</b> Internal roads for a Tourist park have a minimum width of:</p> <p>(a) 4 metres if one way; or</p> <p>(b) 6 metres if two way.</p>	n/a	The application does not propose the establishment of a tourist park.
	<p><b>AO6.2</b> For a Tourist park, internal road design avoids the use of cul-de-sacs in favour of circulating roads, where unavoidable, cul-de-sacs provide a full turning circle for vehicles towing caravans having:</p> <p>(a) a minimum approach and departure curve radius of 12 metres; and</p> <p>(b) a minimum turning circle radius of 8 metres.</p>	n/a	The application does not propose the establishment of a tourist park.
	<p><b>AO6.3</b> Internal roads are imperviously sealed and drained, apart from those for an Energy and infrastructure activity or Rural activity.</p>	n/a	Not applicable.
	<p><b>AO6.4</b> Speed control devices are installed along all internal roads, apart from those for an Energy and infrastructure activity or Rural activity, in accordance with Complete Streets.</p>	n/a	Not applicable.
	<p><b>AO6.5</b> Internal roads, apart from those for an Energy and infrastructure activity or Rural activity, are illuminated in accordance</p>	n/a	Not applicable.

Performance outcomes	Acceptable outcomes	Complies	Comments
	with AS 4282 (as amended) - Control of Obtrusive effects of outdoor lighting.		
	<b>AO6.6</b> Where involving an accommodation activity, internal roads facilitate unobstructed access to every dwelling, accommodation unit, accommodation site and building by emergency services vehicles.	n/a	Not applicable.
	<b>AO6.7</b> For an Energy and infrastructure activity or Rural activity, internal road gradients: (a) are no steeper than 1:5; or (b) are steeper than 1:5 and are sealed.	n/a	Not applicable.

Performance outcomes	Acceptable outcomes	Complies	Comments
<b>Servicing</b>			
<p><b>PO7</b> Development provides access, maneuvering and servicing areas on site that:</p> <p>(a) accommodate a service vehicle commensurate with the likely demand generated by the use;</p> <p>(b) do not impact on the safety or efficiency of internal car parking or maneuvering areas;</p> <p>(c) do not adversely impact on the safety or efficiency of the road network;</p> <p>(d) provide for all servicing functions associated with the use; and</p> <p>(e) are located and designed to minimise their impacts on adjoining sensitive land uses and streetscape quality.</p>	<p><b>AO7.1</b> All unloading, loading, service and waste disposal areas are located:</p> <p>(a) on the site;</p> <p>(b) to the side or rear of the building, behind the main building line;</p> <p>(c) not adjacent to a site boundary where the adjoining property is used for a sensitive use.</p>	n/a	Not applicable.
	<p><b>AO7.2</b> Unloading, loading, service and waste disposal areas allow service vehicles to enter and exit the site in a forward gear.</p>	n/a	Not applicable.
	<p><b>AO7.3</b> Development provides a servicing area, site access and maneuvering areas to accommodate the applicable minimum servicing vehicle specified in <b>Table 9.4.3.3B</b>.</p>	n/a	Not applicable.
<b>Maintenance</b>			
<p><b>PO8</b> Parking areas are used and maintained for their intended purpose.</p>	<p><b>AO8.1</b> Parking areas are kept and used exclusively for parking and are maintained in a suitable condition for parking and circulation of vehicles.</p>	n/a	Not applicable.
	<p><b>AO8.2</b> All parking areas will be compacted, sealed, drained, line marked and maintained until such time as the development ceases.</p>	n/a	Not applicable.

Performance outcomes	Acceptable outcomes	Complies	Comments
<b>End of trip facilities</b>			
<p><b>PO9</b> Development within the Centre zone; Industry zone or Emerging community zone provides facilities for active transport users that:</p> <p>(a) meet the anticipated demand generated from the use;</p> <p>(b) comprise secure and convenient bicycle parking and storage; and</p> <p>(c) provide end of trip facilities for all active transport users.</p>	<p><b>AO9.1</b> The number of bicycle parking spaces provided for the use is in accordance with <b>Table 9.4.3.3D</b>.</p>	n/a	Not applicable.
	<p><b>AO9.2</b> End of trip facilities are provided in accordance with <b>Table 9.4.3.3D</b>.</p>	n/a	Not applicable.
<b>If for Educational establishment or Child care centre where involving more than 100 vehicle movements per day or Renewable energy facility, Sport and recreation activities or Tourist park</b>			
<p><b>PO10</b> The level of traffic generated by the development on the surrounding local road network must not result in unacceptable impacts on adjacent land and local road users.</p>	<p><b>AO10</b> A traffic impact report is prepared by a suitably qualified person that identifies:</p> <p>(a) the expected traffic movements to be generated by the facility;</p> <p>(b) any associated impacts on the road network; and</p> <p>(c) any works that will be required to address the identified impacts.</p>	n/a	Not applicable.
<b>If for Educational establishment or Child care centre where involving more than 100 vehicle movements per day or Renewable energy facility, Sport and recreation activities or Tourist park</b>			
<p><b>PO11</b> The level of traffic generated by the development on the surrounding local road network must not result in unacceptable impacts on adjacent land and local road users.</p>	<p><b>AO11</b> A traffic impact report is prepared by a suitably qualified person that identifies:</p> <p>(d) the expected traffic movements to be generated by the facility;</p>	n/a	Not applicable.

Performance outcomes	Acceptable outcomes	Complies	Comments
	(e) any associated impacts on the road network; and (f) any works that will be required to address the identified impacts.		

#### 9.4.4 Reconfiguring a lot code

##### 9.4.4.1 Application

- (1) This code applies to assessing development where:
  - (a) for Reconfiguring a lot; and
  - (b) it is identified in the assessment criteria column of an assessment table in Part 5 of the planning scheme.

##### 9.4.4.2 Purpose

- (1) The purpose of the Reconfiguring a lot code is to ensure that land is:
  - (a) arranged in a manner which is consistent with the intended scale and intensity of development within the area;
  - (b) provided with access to appropriate movement and open space networks; and
  - (c) contributes to housing diversity and accommodates a range of land uses.
- (2) The purpose of the code will be achieved through the following overall outcomes:
  - (a) Subdivision of land achieves the efficient use of land and the efficient provision of infrastructure and transport services;
  - (b) Lots are of a suitable size and shape for the intended or potential use having regard to the purpose and overall outcomes of the relevant zone or precinct.
  - (c) Subdivision of land creates lots with sufficient area and dimensions to accommodate the ultimate use, meet user requirements, protect environmental features and account for site constraints;
  - (d) A range and mix of lot sizes is provided to facilitate a variety of industry and housing types;
  - (e) Subdivision design incorporates a road network that provides connectivity and circulation for vehicles and provide safe and efficient access for pedestrians, cyclists and public transport;
  - (f) Subdivision design provides opportunities for walking and cycling for recreation and as alternative methods of travel;
  - (g) Subdivision of land provides and integrates a range of functional parkland, including local and district parks and open space links for the use and enjoyment of the residents of the locality and the shire;
  - (h) Subdivision of land contributes to an open space network that achieves connectivity along riparian corridors and between areas with conservation values;
  - (i) Subdivision within the Rural zone maintains rural landholdings in viable parcels; and
  - (j) Land in historical townships is not reconfigured to be used for urban purposes.

### 9.4.4.3 Criteria for assessment

**Table 9.4.4.3A—Reconfiguring a lot code – For assessable development**

Performance outcomes	Acceptable outcomes	Complies	Comments
<b>Area and frontage of lots</b>			
<p><b>PO1</b> Lots include an area and frontage that:</p> <p>(a) is consistent with the design of lots in the surrounding area;</p> <p>(b) allows the desired amenity of the zone to be achieved;</p> <p>(c) is able to accommodate all buildings, structures and works associated with the intended land use;</p> <p>(d) allow the site to be provided with sufficient access;</p> <p>(e) considers the proximity of the land to:</p> <p>(i) centres;</p> <p>(ii) public transport services; and</p> <p>(iii) open space; and</p> <p>(f) allows for the protection of environmental features; and</p> <p>(g) accommodates site constraints.</p>	<p><b>AO1.1</b> Lots provide a minimum area and frontage in accordance with <b>Table 9.4.4.3B</b>.</p>	<p>✓/x</p>	<p>Existing Lot 6 on RP732287 has an area of 4.837 hectares which is significantly below the 60 hectares minimum area nominated in Table 9.4.4.3B.</p> <p>Proposed Lots 1, 2 and 3 will have areas of 1.59 hectares, 1.62 hectares and 1.61 hectares respectively.</p> <p>Despite their small lot size, the areas of proposed Lots 1, 2 and 3 are not significantly inconsistent with the smaller lot size of many of the allotments in the surrounding area.</p> <p>The proposed reconfiguration does not significantly conflict with PO1 due to the established settlement pattern in this locality.</p>
<b>Existing buildings and easements</b>			
<p><b>PO2</b> Reconfiguring a lot which contains existing land uses or existing buildings and structures ensures:</p> <p>(a) new lots are of sufficient area and dimensions to accommodate existing land uses, buildings and structures; and</p> <p>(b) any continuing use is not compromised by the reconfiguration.</p>	<p><b>AO2.1</b> Each land use and associated infrastructure is contained within its individual lot.</p>	<p>✓</p>	<p>Complies. All existing buildings will be contained within proposed Lot 1.</p>
	<p><b>AO2.2</b> All lots containing existing buildings and structures achieve the setback requirements of the relevant zone.</p>	<p>✓</p>	<p>Complies.</p>



Performance outcomes	Acceptable outcomes	Complies	Comments
<p><b>PO3</b> Reconfiguring a lot which contains an existing easement ensures:</p> <p>(a) future buildings, structures and accessways are able to be sited to avoid the easement; and</p> <p>(b) the reconfiguration does not compromise the purpose of the easement or the continued operation of any infrastructure contained within the easement.</p>	<p><b>AO3</b> No acceptable outcome is provided.</p>	<p>n/a</p>	<p>Not applicable.</p>
<p><b>Boundary realignment</b></p>			
<p><b>PO4</b> The boundary realignment retains all attendant and existing infrastructure connections and potential connections.</p>	<p><b>AO4</b> No acceptable outcome is provided.</p>	<p>n/a</p>	<p>Not applicable. The application is not for a boundary realignment.</p>

Performance outcomes	Acceptable outcomes	Complies	Comments
<b>Access and road network</b>			
<p><b>PO5</b> Access to a reconfigured lot (including driveways and paths) must not have an adverse impact on:</p> <ul style="list-style-type: none"> <li>(a) safety;</li> <li>(b) drainage;</li> <li>(c) visual amenity;</li> <li>(d) privacy of adjoining premises; and</li> <li>(e) service provision.</li> </ul>	<p><b>AO5</b> No acceptable outcome is provided.</p>	✓	The development can be conditioned to comply.
<p><b>PO6</b> Reconfiguring a lot ensures that access to a lot can be provided that:</p> <ul style="list-style-type: none"> <li>(a) is consistent with that provided in the surrounding area;</li> <li>(b) maximises efficiency and safety; and</li> <li>(c) is consistent with the nature of the intended use of the lot.</li> </ul> <p>Note—The Parking and access code should be considered in demonstrating compliance with PO6.</p>	<p><b>AO6</b> Vehicle crossover and access is provided in accordance with the design guidelines and specifications set out in Planning Scheme Policy 4 – FNQROC Regional Development Manual.</p>	✓	The development can be conditioned to comply.
<p><b>PO7</b> Roads in the Industry zone are designed having regard to:</p> <ul style="list-style-type: none"> <li>(a) the intended use of the lots;</li> <li>(b) the existing use of surrounding land;</li> <li>(c) the vehicular servicing requirements of the intended use;</li> <li>(d) the movement and turning requirements of B-Double vehicles.</li> </ul> <p>Note—The Parking and access code should be considered in demonstrating compliance with PO7.</p>	<p><b>AO7</b> No acceptable outcome is provided.</p>	n/a	The subject site is not located within the Industry zone.
<b>Rear lots</b>			
<p><b>PO8</b> Rear lots are designed to:</p> <ul style="list-style-type: none"> <li>(a) provide a high standard</li> </ul>	<p><b>AO8.1</b> Rear lots are designed to facilitate development</p>	✓	Each proposed lot will contain sufficient area to ensure a high standard of amenity.

Performance outcomes	Acceptable outcomes	Complies	Comments
<p>of amenity for residents and other users of the site;</p> <p>(b) provide a high standard of amenity for adjoining properties; and</p> <p>(c) not adversely affect the safety and efficiency of the road from which access is gained.</p>	that adjoins or overlooks a park or open space.		
	<p><b>AO8.2</b> No more than two rear lots are created behind any lot with a road frontage.</p>	✓	Complies.
	<p><b>AO8.3</b> Access to lots is via an access strip with a minimum width of:</p> <p>(a) 4 metres where in the Low density residential zone or Medium density residential zone; or</p> <p>(b) 8 metres otherwise.</p>	✓	Complies.
	<p><b>AO8.4</b> A single access strip is provided to a rear lot along one side of the lot with direct frontage to the street.</p> <p>Note—Figure A provides further guidance in relation to the desired outcome.</p>	✓	Complies.
	<p><b>AO8.5</b> No more than 1 in 10 lots created in a new subdivision are rear lots.</p>	n/a	Not applicable.
	<p><b>AO8.6</b> Rear lots are not created in the Centre zone or the Industry zone.</p>	n/a	Not applicable.
<b>Crime prevention and community safety</b>			
<p><b>PO9</b> Development includes design features which enhance public safety and seek to prevent opportunities for crime, having regard to:</p> <p>(a) sightlines;</p> <p>(b) the existing and intended pedestrian movement network;</p>	<p><b>AO9</b> No acceptable outcome is provided.</p>	✓	The development can be conditioned to comply.

Performance outcomes	Acceptable outcomes	Complies	Comments
(c) the existing and intended land use pattern; and (d) potential entrapment locations.			
<b>Pedestrian and cycle movement network</b>			
<b>PO10</b> Reconfiguring a lot must assist in the implementation of a Pedestrian and cycle movement network to achieve safe, attractive and efficient pedestrian and cycle networks.	<b>AO10</b> No acceptable outcome is provided.	n/a	Not applicable.
<b>Public transport network</b>			
<b>PO11</b> Where a site includes or adjoins a future public transport corridor or future public transport site identified through a structure planning process, development: (a) does not prejudice the future provision of the identified infrastructure; (b) appropriately treats the common boundary with the future corridor; and (c) provides opportunities to integrate with the adjoining corridor where a it will include an element which will attract pedestrian movement.	<b>AO11</b> No acceptable outcome is provided.	n/a	Not applicable.
<b>Residential subdivision</b>			
<b>PO12</b> Residential lots are: (a) provided in a variety of sizes to accommodate housing choice and diversity; and (b) located to increase variety and avoid large areas of similar lot sizes.	<b>AO12</b> No acceptable outcome is provided.	n/a	Not applicable.

Performance outcomes	Acceptable outcomes	Complies	Comments
<b>Rural residential zone</b>			
<b>PO13</b> New lots are only created in the Rural residential zone where land is located within the 4,000m <sup>2</sup> precinct, the 1 hectare precinct or the 2 hectare precinct.	<b>AO13</b> No acceptable outcome is provided.	n/a	Not applicable. The subject land is in the Rural zone.
<b>Additional provisions for greenfield development only</b>			
<b>PO14</b> The subdivision design provides the new community with a local identity by responding to: (a) site context (b) site characteristics (c) setting (d) landmarks (e) natural features; and (f) views.	<b>AO14</b> No acceptable outcome provided.	n/a	Not applicable.
<b>PO15</b> The road network is designed to provide a high level of connectivity, permeability and circulation for local vehicles, public transport, pedestrians and cyclists.	<b>AO15</b> No acceptable outcome provided.	n/a	Not applicable.
<b>PO16</b> The road network is designed to: (a) minimise the number of cul-de-sacs; (b) provide walkable catchments for all residents in cul-de-sacs; and (c) include open cul-de-sacs heads.  Note—Figure B provides further guidance in relation to the desired outcome.	<b>AO16</b> No acceptable outcome provided.	n/a	Not applicable.
<b>PO17</b> Reconfiguring a lot provides safe and convenient access to the existing or future public transport network.	<b>AO17</b> The subdivision locates 90% of lots within 400 metres walking distance of a future public transport route.	n/a	Not applicable.
<b>PO18</b>	<b>AO18</b>	n/a	Not applicable.

Performance outcomes	Acceptable outcomes	Complies	Comments
The staging of the lot reconfiguration prioritises delivery of link roads to facilitate efficient bus routes.	No acceptable outcome provided.		
<b>PO19</b> Provision is made for sufficient open space to: <ul style="list-style-type: none"> <li>(a) meet the needs of the occupiers of the lots and to ensure that the environmental and scenic values of the area are protected;</li> <li>(b) retain riparian corridors, significant vegetation and habitat areas and provides linkages between those areas; and</li> <li>(c) meet regional, district and neighbourhood open space requirements.</li> </ul>	<b>AO19.1</b> A minimum of 10% of the site area is dedicated as open space.	n/a	Not applicable.
	<b>AO19.2</b> A maximum of 30% of the proposed open space can consist of land identified as significant vegetation or riparian corridor buffer.	n/a	Not applicable.
<b>PO20</b> A network of parks and community land is provided: <ul style="list-style-type: none"> <li>(a) to support a full range of recreational and sporting activities;</li> <li>(b) to ensure adequate pedestrian, cycle and vehicle access;</li> <li>(c) which is supported by appropriate infrastructure and embellishments;</li> <li>(d) to facilitate links between public open spaces;</li> <li>(e) which is co-located with other existing or proposed community infrastructure;</li> <li>(f) which is consistent with the preferred open space network; and</li> <li>(g) which includes a diversity of settings;</li> </ul>	<b>AO20</b> No acceptable outcome is provided.	n/a	Not applicable.

**Table 9.4.4.3B—Minimum area and dimensions for Reconfiguring a lot**

Zone	Type	Minimum area	Minimum frontage
Centre	All lots	800m <sup>2</sup>	20 metres
Community facilities	All lots	Not specified	Not specified
Conservation	All lots	Not specified	Not specified
Emerging community	All lots	10 hectares	100 metres
Low density residential	Where greenfield development and connected to reticulated water and sewerage		
	Rear lot	800m <sup>2</sup>	5 metres
	All other lots	350m <sup>2</sup>	10 metres
	Where connected to reticulated water and sewerage		
	Rear lot	800m <sup>2</sup>	5 metres
	All other lots	600m <sup>2</sup>	16 metres
	Where connected to reticulated water		
	Rear lot	1,000m <sup>2</sup>	5 metres
	All other lots	800m <sup>2</sup>	16 metres
	Medium density residential	Rear lot	600m <sup>2</sup>
All other lots		400m <sup>2</sup>	10 metres
Industry	All lots	1,500m <sup>2</sup>	45 metres
Recreation and open space	All lots	Not specified	Not specified
Rural	All lots	60 hectares	400 metres
Rural residential	2 hectare precinct		
	All lots	2 hectares	60 metres
	1 hectare precinct		
	All lots	1 hectare	40 metres
	4,000m <sup>2</sup> precinct		
	All lots	4,000m <sup>2</sup>	40 metres

**Figure A – Examples of access to rear lots**

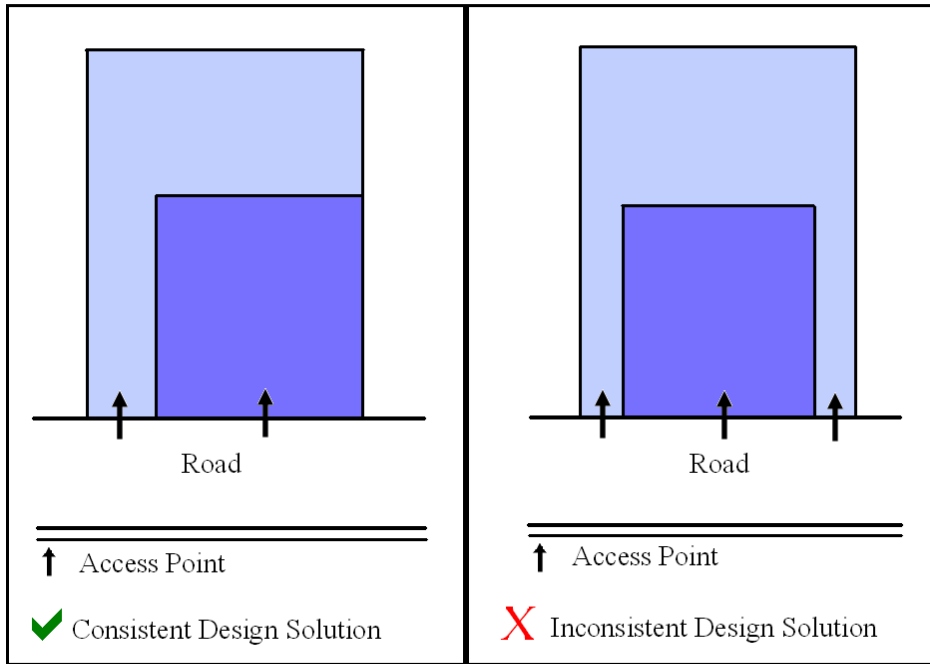
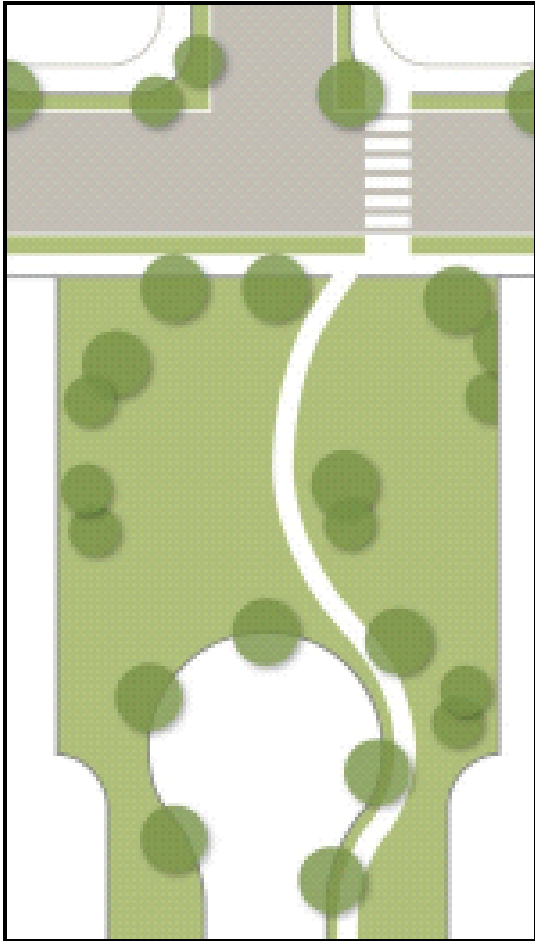




Figure B – Example of cul-de-sac design



## 9.4.5 Works, services and infrastructure code

### 9.4.5.1 Application

- (1) This code applies to assessing development where it is identified in the assessment criteria column of an assessment table in Part 5 of the planning scheme.

### 9.4.5.2 Purpose

- (1) The purpose of the Works, services and infrastructure code is to ensure that all development is appropriately serviced by physical infrastructure, public utilities and services and that work associated with development is carried out in a manner that does not adversely impact on the surrounding area.
- (2) The purpose of the code will be achieved through the following overall outcomes:
- Development provides an adequate, safe and reliable supply of potable, fire-fighting and general use water in accordance with relevant standards;
  - Development provides for the treatment and disposal of wastewater and ensures there are no adverse impacts on water quality, public health, local amenity or ecological processes;
  - Development provides for the disposal of stormwater and ensures that there are no adverse impacts on water quality or ecological processes;
  - Development connects to the road network and any adjoining public transport, pedestrian and cycle networks while ensuring no adverse impacts on the safe, convenient and efficient operation of these networks;
  - Development provides electricity and telecommunications services that meet its desired requirements;
  - Development is connected to a nearby electricity network with adequate capacity without significant environment, social or amenity impact;
  - Development does not affect the efficient functioning of public utility mains, services or installations;
  - Infrastructure dedicated to Council is cost effective over its life cycle;
  - Work associated with development does not cause adverse impacts on the surrounding area; and
  - Development prevents the spread of weeds, seeds or other pests.

### 9.4.5.3 Criteria for assessment

**Table 9.4.5.3 - Works, services and infrastructure code – For self-assessable and assessable development**

Performance outcomes	Acceptable outcomes	Complies	Comments
<b>For self-assessable and assessable development</b>			
<b>Water supply</b>			
<b>PO1</b> Each lot has an adequate volume and supply of water that: <ol style="list-style-type: none"> <li>meets the needs of users;</li> <li>is adequate for fire-fighting purposes;</li> <li>ensures the health,</li> </ol>	<b>AO1.1</b> Development is connected to a reticulated water supply system in accordance with the Design Guidelines and Specifications set out in the Planning Scheme Policy 4 – FNQROC Regional Development Manual other than where located:	n/a	Not applicable. The land is within the Rural zone.

Performance outcomes	Acceptable outcomes	Complies	Comments
(d) safety and convenience of the community; and minimises adverse impacts on the receiving environment.	(a) in the Conservation zone, Rural zone or Rural residential zone; and (b) outside a reticulated water supply service area.		
	<b>AO1.2</b> Development, where located outside a reticulated water supply service area and in the Conservation zone, Rural zone or Rural residential zone is provided with: (a) a bore or bores are provided in accordance with the Design Guidelines set out in the Planning Scheme Policy 4 – FNQROC Regional Development Manual; or (b) on-site water storage tank/s: (i) with a minimum capacity of 90,000L; (ii) fitted with a 50mm ball valve with a camlock fitting; and (iii) which are installed and connected prior to the occupation or use of the development.	✓	The development can be conditioned to comply where relevant.
<b>Wastewater disposal</b>			
<b>PO2</b> Each lot provides for the treatment and disposal of effluent and other waste water that: (a) meets the needs of users; (b) is adequate for fire-fighting purposes; (c) ensures the health, safety and convenience of the community; and (d) minimises adverse impacts on the receiving environment.	<b>AO2.1</b> Development is connected to a reticulated sewerage system in accordance with the Design Guidelines and Specifications set out in the Planning Scheme Policy 4 – FNQROC Regional Development Manual other than where located: (a) in the Conservation zone, Rural zone or Rural residential zone; and (b) outside a reticulated sewerage service area.	n/a	Not applicable. The land is within the Rural zone.

Performance outcomes	Acceptable outcomes	Complies	Comments
	<p><b>AO2.2</b> An effluent disposal system is provided in accordance with ASNZ 1547 On-Site Domestic Wastewater Management (as amended) where development is located:</p> <p>(a) in the Conservation zone, Rural zone or Rural residential zone; and</p> <p>(b) outside a reticulated sewerage service area.</p>	✓	The development can be conditioned to comply.
<b>Stormwater infrastructure</b>			
<p><b>PO3</b> Stormwater infrastructure is designed and constructed to collect and convey the design storm event to a lawful point of discharge in a manner that mitigates impacts on life and property.</p>	<p><b>AO3.1</b> Where located within a Priority infrastructure area or where stormwater infrastructure is available, development is connected to Council's stormwater network in accordance with the Design Guidelines and Specifications set out in the Planning Scheme Policy 4 – FNQROC Regional Development Manual.</p>	n/a	Not applicable.
	<p><b>AO3.2</b> On-site drainage systems are constructed:</p> <p>(a) to convey stormwater from the premises to a lawful point of discharge; and</p> <p>(b) in accordance with the Design Guidelines and Specifications set out in the Planning Scheme Policy 4 – FNQROC Regional Development Manual.</p>	✓	The development can be conditioned to comply.
<b>Electricity supply</b>			
<p><b>PO4</b> Each lot is provided with an adequate supply of electricity</p>	<p><b>AO4</b> The premises:</p> <p>(a) is connected to the electricity supply network; or</p> <p>(b) has arranged a connection to the transmission grid; or</p> <p>(c) where not connected to the network, an</p>	✓	The development can be conditioned to comply where relevant.

Performance outcomes	Acceptable outcomes	Complies	Comments
	<p>independent energy system with sufficient capacity to service the development (at near average energy demands associated with the use) may be provided as an alternative to reticulated electricity where:</p> <ul style="list-style-type: none"> <li>(i) it is approved by the relevant regulatory authority; and</li> <li>(ii) it can be demonstrated that no air or noise emissions; and</li> <li>(iii) it can be demonstrated that no adverse impact on visual amenity will occur.</li> </ul>		
<b>Telecommunications infrastructure</b>			
<p><b>PO5</b> Each lot is provided with an adequate supply of telecommunication infrastructure</p>	<p><b>AO5</b> Development is provided with a connection to the national broadband network or telecommunication services.</p>	✓	The development can be conditioned to comply where relevant.
<b>Existing public utility services</b>			
<p><b>PO6</b> Development and associated works do not affect the efficient functioning of public utility mains, services or installations.</p>	<p><b>AO6</b> Public utility mains, services are relocated, altered or repaired in association with the works so that they continue to function and satisfy the relevant Design Guidelines and Specifications set out in the Planning Scheme Policy 4 – FNQROC Regional Development Manual.</p>	✓	The development can be conditioned to comply where relevant.

Performance outcomes	Acceptable outcomes	Complies	Comments
<b>Excavation or filling</b>			
<b>PO7</b> Excavation or filling must not have an adverse impact on the: <ul style="list-style-type: none"> <li>(a) streetscape;</li> <li>(b) scenic amenity;</li> <li>(c) environmental values;</li> <li>(d) slope stability;</li> <li>(e) accessibility; or</li> <li>(f) privacy of adjoining premises.</li> </ul>	<b>A07.1</b> Excavation or filling does not occur within 1.5 metres of any site boundary.	n/a	Not applicable.
	<b>A07.2</b> Excavation or filling at any point on a lot is to be no greater than 1.5 metres above or below natural ground level.	n/a	Not applicable.
	<b>A07.3</b> Earthworks batters: <ul style="list-style-type: none"> <li>(a) are no greater than 1.5 metres in height;</li> <li>(b) are stepped with a minimum width 2 metre berm;</li> <li>(c) do not exceed a maximum of two batters and two berms (not greater than 3.6 metres in total height) on any one lot;</li> <li>(d) have a slope no greater than 1 in 4; and</li> <li>(e) are retained.</li> </ul>	n/a	Not applicable.
	<b>A07.4</b> Soil used for filling or spoil from excavation is not stockpiled in locations that can be viewed from: <ul style="list-style-type: none"> <li>(a) adjoining premises; or</li> <li>(b) a road frontage, for a period exceeding 1 month from the commencement of the filling or excavation.</li> </ul>	n/a	Not applicable.
	<b>A07.5</b> All batters and berms to be constructed in accordance with the Design Guidelines and Specifications set out in the Planning Scheme Policy 4 – FNQROC Regional Development Manual.	n/a	Not applicable.
	<b>A07.6</b>	n/a	Not applicable.

Performance outcomes	Acceptable outcomes	Complies	Comments
	Retaining walls have a maximum height of 1.5 metres and are designed and constructed in accordance with the Design Guidelines and Specifications set out in the Planning Scheme Policy 4 – FNQROC Regional Development manual.		
	<b>A07.7</b> Excavation or filling at any point on a lot is to include measures that protect trees at the foot or top of cut or fill batters by the use of appropriate retaining methods and sensitive earth removal or placement and in accordance with the Design Guidelines and Specifications set out in the Planning Scheme Policy 4 – FNQROC Regional Development manual.	n/a	Not applicable.
<b>For assessable development</b>			
<b>Transport network</b>			
<b>PO8</b> The development has access to a transport network of adequate standard to provide for the safe and efficient movement of vehicles, pedestrians and cyclists.	<b>A08.1</b> Vehicle access, crossovers, road geometry, pavement, utilities and landscaping to the frontage/s of the site are designed and constructed in accordance with the Design Guidelines and Specifications set out in the Planning Scheme Policy 4 – FNQROC Regional Development manual.	✓	The development can be conditioned to comply.
	<b>A08.2</b> Development provides footpath pavement treatments in accordance with Planning Scheme Policy 9 – Footpath Paving.	n/a	Not applicable.
<b>Public infrastructure</b>			
<b>PO9</b> The design, construction and provision of any	<b>A09</b> Development is in accordance with the Design Guidelines and	n/a	Not applicable.

Performance outcomes	Acceptable outcomes	Complies	Comments
infrastructure that is to be dedicated to Council is cost effective over its life cycle and incorporates provisions to minimise adverse impacts.	Specifications set out in the Planning Scheme Policy 4 – FNQROC Regional Development Manual.		
<b>Stormwater quality</b>			
<p><b>PO10</b> Development has a non-worsening effect on the site and surrounding land and is designed to:</p> <ul style="list-style-type: none"> <li>(a) optimise the interception, retention and removal of waterborne pollutants, prior to the discharge to receiving waters;</li> <li>(b) protect the environmental values of waterbodies affected by the development, including upstream, on-site and downstream waterbodies;</li> <li>(c) achieve specified water quality objectives;</li> <li>(d) minimise flooding;</li> <li>(e) maximise the use of natural channel design principles;</li> <li>(f) maximise community benefit; and</li> <li>(g) minimise risk to public safety.</li> </ul>	<p><b>AO10.1</b> The following reporting is prepared for all Material change of use or Reconfiguring a lot proposals:</p> <ul style="list-style-type: none"> <li>(a) a Stormwater Management Plan and Report that meets or exceeds the standards of design and construction set out in the Queensland Urban Drainage Manual (QUDM) and the Design Guidelines and Specifications set out in the Planning Scheme Policy 4 – FNQROC Regional Development Manual; and</li> <li>(b) an Erosion and Sediment Control Plan that meets or exceeds the Soil Erosion and Sedimentation Control Guidelines (Institute of Engineers Australia), including: <ul style="list-style-type: none"> <li>(i) drainage control;</li> <li>(ii) erosion control;</li> <li>(iii) sediment control; and</li> <li>(iv) water quality outcomes.</li> </ul> </li> </ul>	✓	The development can be conditioned to comply where relevant.
	<p><b>AO10.2</b> For development on land greater than 2,500m<sup>2</sup> or that result in more than 5 lots or more than 5 dwellings or accommodation units, a Stormwater Quality</p>	n/a	Not applicable.



Performance outcomes	Acceptable outcomes	Complies	Comments
	<p>Management Plan and Report prepared and certified by a suitably qualified design engineer (RPEQ) is prepared that demonstrates that the development:</p> <ul style="list-style-type: none"> <li>(a) meets or exceeds the standards of design and construction set out in the Urban Stormwater Quality Planning Guideline and the Queensland Water Quality Guideline;</li> <li>(b) is consistent with any local area stormwater water management planning;</li> <li>(c) accounts for development type, construction phase, local climatic conditions and design objectives; and</li> <li>(d) provides for stormwater quality treatment measures reflecting land use constraints, such as soil type, landscape features (including landform), nutrient hazardous areas, acid sulfate soil and rainfall erosivity.</li> </ul>		
<p><b>PO11</b> Storage areas for stormwater detention and retention:</p> <ul style="list-style-type: none"> <li>(a) protect or enhance the environmental values of receiving waters;</li> <li>(b) achieve specified water quality objectives;</li> <li>(c) where possible, provide for recreational use;</li> </ul>	<p><b>AO11</b> No acceptable outcome is provided.</p>	n/a	Not applicable.

Performance outcomes	Acceptable outcomes	Complies	Comments
(d) maximise community benefit; and (e) minimise risk to public safety.			
<b>Excavation or filling</b>			
<b>PO12</b> Traffic generated by filling or excavation does not impact on the amenity of the surrounding area.	<b>AO12.1</b> Haul routes used for transportation of fill to or from the site only use major roads and avoid residential areas.	n/a	Not applicable.
	<b>AO12.2</b> Transportation of fill to or from the site does not occur: (a) within peak traffic times; and (b) before 7am or after 6pm Monday to Friday; (c) before 7am or after 1pm Saturdays; and (d) on Sundays or Public Holidays.	n/a	Not applicable.

Performance outcomes	Acceptable outcomes	Complies	Comments
<b>PO13</b> Air pollutants, dust and sediment particles from excavation or filling, do not cause significant environmental harm or nuisance impacts.	<b>AO13.1</b> Dust emissions do not extend beyond the boundary of the site.	n/a	Not applicable.
	<b>AO13.2</b> No other air pollutants, including odours, are detectable at the boundary of the site.	n/a	Not applicable.
	<b>AO13.3</b> A management plan for control of dust and air pollutants is prepared and implemented.	n/a	Not applicable.
<b>PO14</b> Access to the premises (including driveways and paths) does not have an adverse impact on: <ul style="list-style-type: none"> <li>(a) safety;</li> <li>(b) drainage;</li> <li>(c) visual amenity; and</li> <li>(d) privacy of adjoining premises.</li> </ul>	<b>AO14</b> Access to the premises (including all works associated with the access): <ul style="list-style-type: none"> <li>(a) must follow as close as possible to the existing contours;</li> <li>(b) be contained within the premises and not the road reserve, and</li> <li>(c) are designed and constructed in accordance with the Design Guidelines and Specifications set out in the Planning Scheme Policy 4 – FNQROC Regional Development manual.</li> </ul>	n/a	Not applicable.
<b>Weed and pest management</b>			
<b>PO15</b> Development prevents the spread of weeds, seeds or other pests into clean areas or away from infested areas.	<b>AO15</b> No acceptable outcome is provided.	n/a	Not applicable.
<b>Contaminated land</b>			
<b>PO16</b> Development is located and designed to ensure that users and nearby sensitive land uses are not exposed to unacceptable levels of contaminants	<b>AO16</b> Development is located where: <ul style="list-style-type: none"> <li>(a) soils are not contaminated by pollutants which represent a health or safety risk to users; or</li> <li>(b) contaminated soils are remediated prior to plan sealing, operational works</li> </ul>	n/a	Not applicable.

Performance outcomes	Acceptable outcomes	Complies	Comments
	permit, or issuing of building works permit.		
<b>Fire services in developments accessed by common private title</b>			
<b>PO17</b> Fire hydrants are located in positions that will enable fire services to access water safely, effectively and efficiently.	<b>AO17.1</b> Fire hydrants are located in accessways or private roads held in common private title at a maximum spacing of: (a) 120 metres for residential development; and (b) 90 metres for any other development.	n/a	Not applicable.
	<b>AO17.2</b> Fire hydrants are located at all intersections of accessways or private roads held in common private title.	n/a	Not applicable.