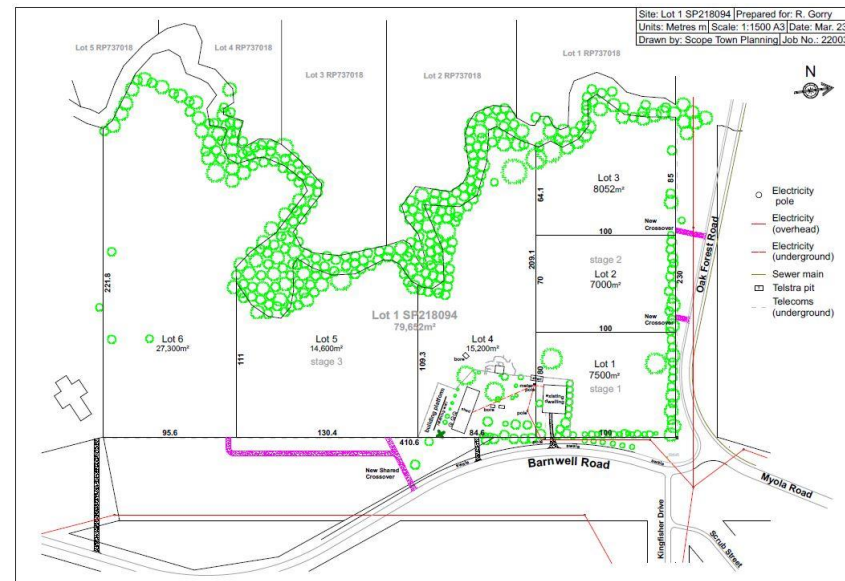


## Appendix 1: Assessment against the Mareeba Shire Planning Codes

APPLICATION		PREMISES	
FILE NO:	23003	ADDRESS:	12 Barnwell Road, Kuranda Qld. 4881
APPLICANT:	Land Owner	RPD:	1SP218094
LODGED BY:	Scope Town Planning	AREA:	79,652m <sup>2</sup>
DATE LODGED:	February 2023	OWNER :	R. Gorry
TYPE OF APPROVAL:	Development Permit		
PROPOSED DEVELOPMENT:	Reconfiguration of a Lot (1 into 6 Lots)		
PLANNING SCHEME:	Mareeba Shire Council Planning Scheme		
ZONE:	Rural Residential Zone		
LEVEL OF ASSESSMENT:	Impact		
SUBMISSIONS:	n/a		

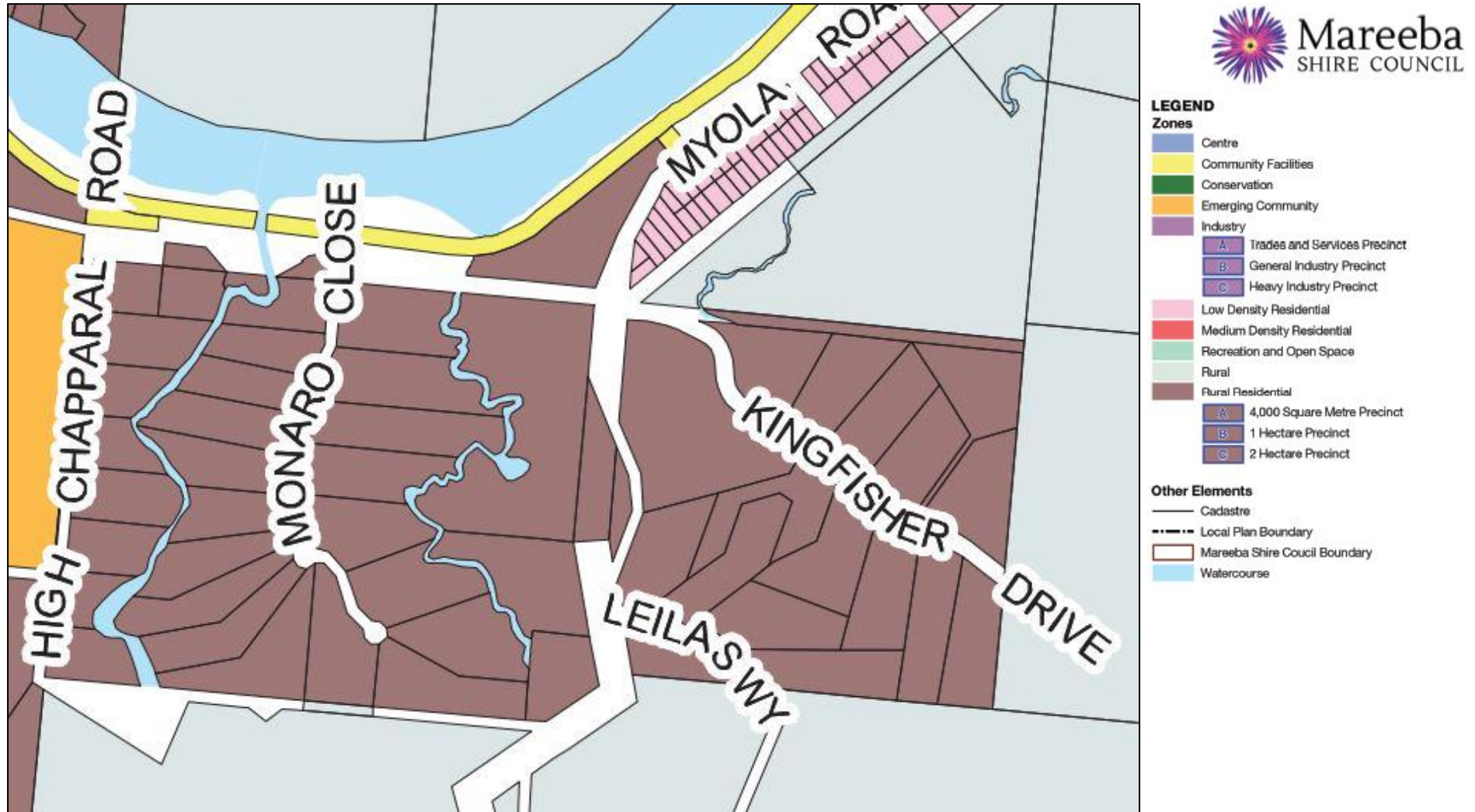
As identified in Part 5 of the Planning Scheme, this development is required to satisfy the Performance Criteria of the following Codes:

- 6.2.10 Rural Residential Zone Code
- 8.2.3 Bushfire Hazard Overlay Code
- 8.2.4 Environmental Significance Overlay Code
- 8.2.6 Flood Hazard Overlay Code
- 8.2.8 Hill and Slope Overlay Code
- 8.2.10 Residential Dwelling House and Outbuilding 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



### 6.2.10 Rural Residential Zone Code

The development site is located within the Rural Residential Zone of the Mareeba Shire Planning Scheme.



**6.2.10.3 Criteria for assessment**

**Table 6.2.10.3A— Rural residential zone 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>Height</b>			
<p><b>PO1</b> Building height takes into consideration and respects the following:</p> <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>	<p><b>AO1</b> Development has a maximum building height of:</p> <ul style="list-style-type: none"> <li>(a) 8.5 metres; and</li> <li>(b) 2 storeys above ground level.</li> </ul>	n/a	n/a No new buildings are proposed.
<b>Outbuildings and residential scale</b>			
<p><b>PO2</b> Domestic outbuildings:</p> <ul style="list-style-type: none"> <li>(a) do not dominate the lot on which they are located; and</li> <li>(b) are consistent with the scale and character of development in the Rural residential zone.</li> </ul>	<p><b>AO2.1</b> On lots less than 2 hectares, domestic outbuildings do not exceed:</p> <ul style="list-style-type: none"> <li>(a) 150m<sup>2</sup> in gross floor area; and</li> <li>(b) 5.5 metres above natural ground level.</li> </ul>	n/a	n/a No new buildings are proposed.
	<p><b>AO2.2</b> On lots greater than 2 hectares, domestic outbuildings do not exceed:</p> <ul style="list-style-type: none"> <li>(a) 200m<sup>2</sup> in gross floor area; and</li> <li>(b) 8.5 metres above natural ground level.</li> </ul>	n/a	n/a No new buildings are proposed.



<b>Siting</b>			
<p><b>PO3</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) opportunities for casual surveillance of adjoining public spaces;</li> <li>(e) air circulation and access to natural breezes;</li> <li>(f) appearance of building bulk; and</li> <li>(g) relationship with road corridors.</li> </ul>	<p><b>AO3</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;</li> <li>(b) 6 metres from a frontage to any other road;</li> <li>(c) 10 metres from a boundary to an adjoining lot in the 2 hectare precinct, 1 hectare precinct or the Rural zone or Conservation zone;</li> <li>(d) 5 metres from a boundary to an adjoining lot in the 4,000m<sup>2</sup> precinct; and</li> <li>(e) 3 metres from a side or rear boundary otherwise.</li> </ul>	<p>✓</p>	<p><b>Complies with PO3</b> No new buildings are proposed. All existing buildings will be retained.</p>
<b>Accommodation density</b>			
<p><b>PO4</b> The density of Accommodation activities:</p> <ul style="list-style-type: none"> <li>(a) contributes to housing choice and affordability;</li> <li>(b) respects the nature and density of surrounding land use;</li> <li>(c) does not cause amenity impacts beyond the reasonable expectation of accommodation density for the zone; and</li> <li>(d) is commensurate to the scale and frontage of the site.</li> </ul>	<p><b>AO4</b> Development provides a maximum density for Accommodation activities of 1 dwelling or accommodation unit per lot.</p>	<p>✓</p>	<p><b>Complies</b> Development creates 5 new rural residential lots with a capacity of 1 dwelling per lot.</p>
<b>For assessable development</b>			
<b>Site cover</b>			
<p><b>PO5</b> Buildings and structures occupy the site in a manner that:</p> <ul style="list-style-type: none"> <li>(a) makes efficient use of land;</li> <li>(b) is consistent with the bulk and scale of surrounding buildings; and</li> <li>(c) appropriately balances built and natural features.</li> </ul>	<p><b>AO5</b> No acceptable outcome is provided.</p>	<p>n/a</p>	<p><b>n/a</b> No new buildings are proposed.</p>



<b>Building design</b>			
<p><b>PO6</b> Building facades are appropriately designed to:</p> <ul style="list-style-type: none"> <li>(a) include visual interest and architectural variation;</li> <li>(b) maintain and enhance the character of the surrounds;</li> <li>(c) provide opportunities for casual surveillance;</li> <li>(d) include a human scale; and</li> <li>(e) encourage occupation of outdoor space.</li> </ul>	<p><b>AO6</b> No acceptable outcome is provided.</p>	<p>n/a</p>	<p>n/a No new buildings are proposed.</p>
<p><b>PO7</b> Development complements and integrates with the established built character of the Rural residential zone, having regard to:</p> <ul style="list-style-type: none"> <li>(a) roof form and pitch;</li> <li>(b) eaves and awnings;</li> <li>(c) building materials, colours and textures; and</li> <li>(d) window and door size and location.</li> </ul>	<p><b>AO7</b> No acceptable outcome is provided.</p>	<p>n/a</p>	<p>n/a No new buildings are proposed.</p>
<b>Non-residential development</b>			
<p><b>PO8</b> Non-residential development:</p> <ul style="list-style-type: none"> <li>(a) is consistent with the scale of existing development;</li> <li>(b) does not detract from the amenity of nearby residential uses;</li> <li>(c) does not impact on the orderly provision of non-residential development in other locations in the shire; and</li> <li>(d) directly supports the day to day needs of the immediate residential community; or</li> <li>(e) has a direct relationship to the land on which the use is proposed.</li> </ul>	<p><b>AO8</b> No acceptable outcome is provided.</p>	<p>n/a</p>	<p>n/a Development is for rural residential use.</p>

<b>Amenity</b>			
<p><b>PO9</b> Development must not detract from the amenity of the local area, having regard to:</p> <ul style="list-style-type: none"> <li>(a) noise;</li> <li>(b) hours of operation;</li> <li>(c) traffic;</li> <li>(d) advertising devices;</li> <li>(e) visual amenity;</li> <li>(f) privacy;</li> <li>(g) lighting;</li> <li>(h) odour; and</li> <li>(i) emissions.</li> </ul>	<p><b>AO9</b> No acceptable outcome is provided.</p>	<p>✓</p>	<p><b>Complies</b> Development does not detract from the amenity of the local area.</p>
<p><b>PO10</b> Development must take into account and seek to ameliorate any existing negative environmental impacts, having regard to:</p> <ul style="list-style-type: none"> <li>(a) noise;</li> <li>(b) hours of operation;</li> <li>(c) traffic;</li> <li>(d) advertising devices;</li> <li>(e) visual amenity;</li> <li>(f) privacy;</li> <li>(g) lighting;</li> <li>(h) odour; and</li> <li>(i) emissions.</li> </ul>	<p><b>AO10</b> No acceptable outcome is provided.</p>	<p>n/a</p>	<p><b>n/a</b> No existing negative environmental impacts have been identified.</p>



### 8.2.3 Bushfire Hazard Overlay Code

The development site is located within the Bushfire Hazard Overlay area of the Mareeba Shire Planning Scheme. The site is identified as being in the Potential Impact Buffer (100 metres) mapping area.



#### LEGEND

##### Bushfire Hazard

- Very High Potential Bushfire Intensity
- High Potential Bushfire Intensity
- Medium Potential Bushfire Intensity
- Potential Impact Buffer (100 metres)

##### Other Elements

- Cadastrate
- Mareeba Shire Council Boundary
- Watercourse



SCOPE

**8.2.3.3 Criteria for assessment**

**Table 8.2.3.3—Bushfire 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>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.</p> <p>OR</p>	n/a	n/a Not a reticulated water serviced site.
	<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>	✓	<p><b>Complies</b> Lot 4 will retain the existing bore water supply and water tanks. Lot 1 will retain the existing rain water tanks.</p> <p>All other Lots will be vacant and can be supplied by a bore water supply for fire fighting purposes at the time of new dwelling construction as required.</p>





<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> <ul style="list-style-type: none"> <li>(a) the bushfire risk compatibility of development;</li> <li>(b) the vulnerability of and safety risk to persons associated with the use; and</li> <li>(c) consequences of bushfire in regard to impacts on essential infrastructure, buildings and structures.</li> </ul> <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> <ul style="list-style-type: none"> <li>(a) child care centre; or</li> <li>(b) community care centre; or</li> <li>(c) correctional facility; or</li> <li>(d) educational establishment; or</li> <li>(e) emergency services; or</li> <li>(f) hospital; or</li> <li>(g) residential care facility; or</li> <li>(h) retirement facility; or</li> <li>(i) rooming accommodation; or</li> <li>(j) shopping centre; or</li> <li>(k) tourist park; or</li> <li>(l) tourist attraction.</li> </ul>	<p>✓</p>	<p><b>Complies</b> No uses listed in AO2 are proposed. No additional structures or infrastructure is proposed within any bushfire hazard or bushfire hazard buffer areas.</p>
<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> <ul style="list-style-type: none"> <li>(a) is responsive to the nature and extent of bushfire risk; and</li> <li>(b) allows efficient emergency access to buildings for fire-fighting appliances.</li> </ul> <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>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 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.</p>	<p>✓</p>	<p><b>Complies with PO3</b> The Oak Forest Road frontage of the development site is mapped within the medium potential bushfire intensity area however the mapping does not accurately reflect the hazard potential of the site as the mapped area is cleared of vegetation.</p> <p>The potential hazard area covers proposed Lots 1-3 which have direct access to Oak Forest Road or Barnwell Road for evacuation and access by fire fighting appliances.</p>



<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	n/a No new roads are 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>	✓	<b>Complies</b> The site contains established fire breaks around the perimeter of the proposed lots.
<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>	✓	<b>Complies</b> The processing or storage of dangerous goods or hazardous materials will not be undertaken in a 'Bushfire hazard area' or a 'Potential impact buffer'.



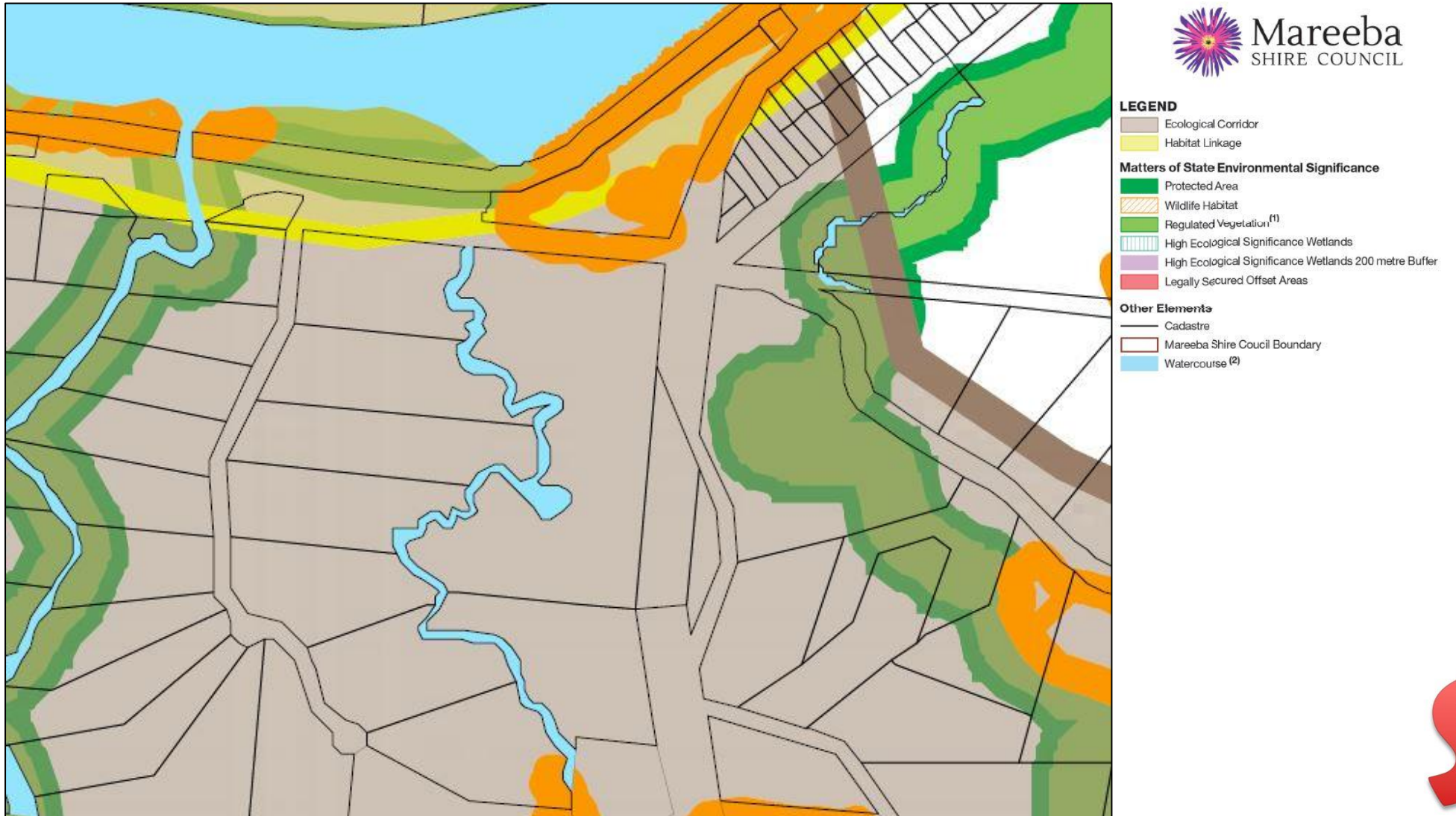
<b>Landscaping</b>			
<p><b>PO6</b> Landscaping within a 'Bushfire hazard area' and a 'Potential impact buffer (100 metres)' identified on the <b>Bushfire hazard overlay maps (OM-003a-o)</b> does not result in a material increase in the extent, duration or severity of bushfire hazard having regard to:</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>n/a</p>	<p>n/a No additional landscaping is proposed or required.</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><b>Complies</b> All new infrastructure will be located below ground where practicable. Above ground infrastructure such as electricity connections may be installed along the Oak Forest Road frontage if deemed safe by the supplier. An overhead electrical connection is proposed to the existing dwelling on proposed Lot 1.</p>

Private driveways			
<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 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>	<p><b>AO8</b> Private driveways: (a) do not exceed a length of 60 metres from the street frontage; (b) do not exceed a gradient of 12.5%; (c) have a minimum width of 3.5 metres; (d) have a minimum vertical clearance of 4.8 metres; (e) accommodate turning areas for fire-fighting appliances in accordance with the Queensland Fire and Emergency Services' Fire Hydrant and Vehicle Access Guidelines; and (f) serve no more than three dwellings or buildings.</p>	<p>✓</p>	<p><b>Complies</b> No private driveways are proposed.</p> <p>All proposed lots have vehicular access that enables safe evacuation for occupants and easy access by fire-fighting appliances.</p>



### 8.2.4 Environmental Significance Overlay Code

The development site is located within the Environmental Significance Overlay area of the Mareeba Shire Planning Scheme. The site is identified as containing a watercourse buffer (100m).



**8.2.4.3 Criteria for assessment**

**Table 8.2.4.3A - Environmental significance 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>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> <ul style="list-style-type: none"> <li>(a) it is demonstrated that the area does not support regulated vegetation as mapped;</li> <li>(b) the loss or reduction in regulated vegetation is for community infrastructure and associated access facilities that cannot be avoided;</li> <li>(c) wildlife interconnectivity is maintained or enhanced at a local and regional scale; and</li> <li>(d) the loss or reduction in regulated vegetation is minimised and any residual impacts are offset.</li> </ul> <p>Note—A supporting Ecological Assessment Report is prepared in accordance with Planning Scheme Policy 2 – Ecological Assessment Reports.</p>	<p><b>AO1</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>	✓	<p><b>Complies</b> No clearing of native vegetation is proposed.</p>



<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> <ul style="list-style-type: none"> <li>(a) does not interrupt, interfere, alter or otherwise impact on underlying natural ecosystem processes such as water quality, hydrology, geomorphology and biophysical processes;</li> <li>(b) does not negatively impact the movement of wildlife at a local or regional scale; and</li> <li>(c) avoids noise, light, vibration or other edge affects, including weed and pest incursion on identified environmental values.</li> </ul> <p>Note—A supporting Ecological Assessment Report is prepared in accordance with Planning Scheme Policy 2 – Ecological Assessment Reports.</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 Significance Overlay Maps (OM-004a-o)</b>.</p>	<p>✓</p>	<p><b>Complies</b> Development is for the ROL only and does not involve any works located adjacent to any 'Regulated vegetation' mapped areas.</p>
<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><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>	<p>✓</p>	<p><b>Complies</b> Development is for the ROL only and does not involve any new buildings.</p>
	<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>	<p>✓</p>	<p><b>Complies</b> No clearing of native vegetation is proposed.</p>



<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>(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>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)</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>	✓	<p><b>Complies</b>                      Development is for the ROL only and does not involve any buildings.</p>
	<p><b>Where within a 'High ecological significance wetland buffer' on Environmental Significance Overlay Maps (OM-004a-o)</b></p> <p><b>AO4.2</b>                      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>	n/a	<p><b>n/a</b>                      Development is for the ROL only and does not involve any buildings.</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)</b></p> <p><b>AO4.3</b>                      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><b>Complies</b>                      Development is for the ROL only and does not involve any new stormwater infrastructure.</p> <p>No stormwater will be discharged to a 'Waterway' on or 'High ecological significance wetland'.</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)</b></p> <p><b>AO4.4</b> 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><b>Complies</b> Development is for the ROL only and will discharge wastewater to a legal point of discharge.</p>
--	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------	-------------------------------------------------------------------------------------------------------------------------



For assessable development			
Wildlife Habitat			
<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><b>AO5</b> No acceptable outcome is provided.</p>	<p>n/a</p>	<p>n/a Development site is not located within a 'Wildlife habitat' area.</p>



<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>	<p>n/a</p>	<p>n/a The development site does not contain any 'Legally secured offset' mapped areas.</p>
<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>AO7</b> No acceptable outcome is provided.</p>	<p>n/a</p>	<p>n/a The development site does not contain any mapped 'Protected areas'.</p>



Ecological corridors and Habitat linkages			
<p><b>PO8</b> Development located:</p> <p>(a) in the Conservation zone, Emerging community zone, Recreation and open space zone, Rural zone or Rural residential zone; and</p> <p>(b) within an 'Ecological corridor' or a 'Habitat linkage' identified on the <b>Environmental Significance Overlay Maps (OM-004a-o)</b></p> <p>does not compromise the provision of habitat connectivity of the corridor/linkage, having regard to:</p> <p>(a) the environmental values of the area of the site identified in the 'Ecological corridor' or 'Habitat linkage';</p> <p>(b) the environmental values of adjoining and nearby land within the 'Ecological corridor' or 'Habitat linkage';</p> <p>(c) the extent of any modification proposed to the natural environment including (but not limited to) vegetation and topography;</p> <p>(d) the location and design of proposed improvements that may impact on the functions of the 'Ecological corridor' or 'Habitat linkage' including (but not limited to) buildings, structures, fences, lighting, vehicle movement areas and infrastructure services; and</p> <p>(e) the ability for the 'Ecological corridor' or 'Habitat linkage' to be enhanced to improve ecological connectivity.</p> <p>Note—A supporting Ecological Assessment Report prepared in accordance with Planning Scheme Policy 2 – Ecological Assessment Reports may be appropriate to demonstrate compliance with PO8.</p>	<p><b>AO8</b> No acceptable outcome is provided.</p>	<p>✓</p>	<p><b>Complies</b> The development site is located within the Rural Residential Zone and is mapped entirely within an 'Ecological corridor' area.</p> <p>The proposed ROL does not compromise the provision of habitat connectivity of the corridor as it retains all vegetation, provides ample open space for animal movements and appropriate space for appropriate siting of future buildings.</p>

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

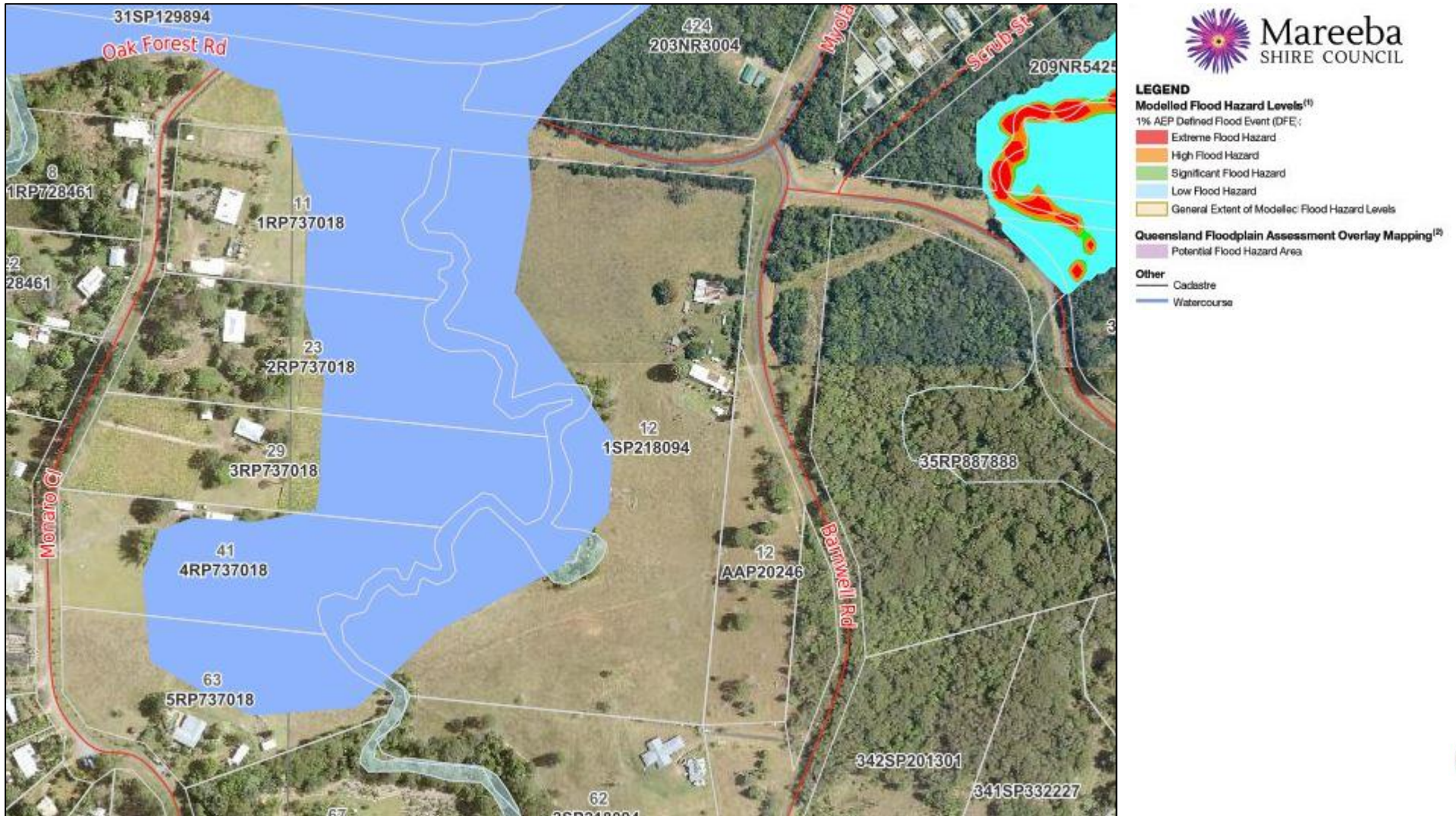
Stream order	Setback and buffer from waterways
1	10 metres from top of high bank
2-4	25 metres from top of high bank
5 or more	50 metres from top of high bank

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



### 8.2.6 Flood Hazard Overlay Code

The development site is located within the Flood Hazard Overlay area of the Mareeba Shire Planning Scheme.



**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>			
<p><b>PO1</b> Development prevents the carriage or dispersal of contaminants or pollutants into the receiving environment.</p>	<p><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.</p>	✓	<p><b>Complies</b> No processing or storage of dangerous goods or hazardous materials is proposed.</p>
<p><b>PO2</b> Essential community infrastructure is able to function effectively during and immediately after flood events.</p>	<p><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>.</p>	n/a	<p><b>n/a</b> Development is for the ROL only and does not involve any new buildings.</p>
<b>Extreme flood hazard area</b>			
<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: (a) likelihood and frequency of flooding; (b) flood risk acceptability of development; (c) vulnerability of and safety risk to persons associated with the use; (d) associated consequences of flooding in regard to impacts on proposed buildings, structures, and supporting infrastructure; and</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>: (a) Accommodation activities; (b) Commercial activities; (c) Community activities except where for a Club with a maximum gross floor area of 100m<sup>2</sup>; (d) Industrial activities; (e) Rural activities, except where for Animal husbandry, Cropping, or Permanent plantation.</p>	n/a	<p><b>n/a</b> Development is for the ROL only.</p>

<p>(e) associated consequences of flooding in respect to undue burden on disaster response recovery capacity and capabilities.</p>	<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: (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>n/a Development does not involve sport and recreation activities.</p>
<p><b>PO4</b> Development is located and designed to: (a) maintain and enhance the flood conveyance capacity of the premises; (b) not increase the number of people calculated to be at risk from flooding; (c) not increase the flood impact on adjoining premises; (d) ensure the safety of all persons by ensuring that development levels are set above the defined flood level; (e) reduce property damage; and (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: i. gross floor area; or ii. the number of dwellings or bedrooms on the premises.</p>	<p><b>AO4.1</b> Buildings, including extensions to existing buildings, are: (a) not located within an 'Extreme 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>n/a</p>	<p>n/a Development is for the ROL only and does not involve any new buildings.</p>
	<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>	<p>n/a</p>	<p>n/a Development is for the ROL only and does not involve any new buildings.</p>
	<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>	<p>n/a</p>	<p>n/a Development is for the ROL only and does not involve any new buildings.</p>

	<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>	✓	<p><b>Complies</b> Development does not increase the number of lots in the 'Extreme flood hazard area'.</p>
<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>	✓	<p><b>Complies</b> No earthworks are proposed.</p>
<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 disaster response recovery capacity and</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	<p><b>n/a</b> Development is for the ROL only and does not involve any new buildings.</p>



<p>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>n/a Development does not involve sport and recreation activities.</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 damage from floodwater and debris) and where an alternative outcome to AO8.1-AO8.9 is also demonstrated.</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. OR</p>	<p>n/a</p>	<p>n/a Development is for the ROL only and does not involve any new buildings.</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>	<p>n/a</p>	<p>n/a Development is for the ROL only and does not involve any new buildings.</p>
	<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>	<p>n/a</p>	<p>n/a Development is for the ROL only and does not involve any new buildings.</p>



	<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>	<p>n/a</p>	<p>n/a Development is for the ROL only and does not involve any new buildings.</p>
	<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>	<p>n/a</p>	<p>n/a Development is for the ROL only and does not involve any new buildings.</p>
	<p><b>AO7.6</b> Dwellings do not exceed four bedrooms.</p>	<p>n/a</p>	<p>n/a Development is for the ROL only and does not involve any new buildings.</p>
	<p><b>AO7.7</b> Building work on an existing dwelling does not comprise additional bedrooms.</p>	<p>n/a</p>	<p>n/a Development is for the ROL only and does not involve any building work.</p>
	<p><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.</p>	<p>n/a</p>	<p>n/a Development is for the ROL only and does not involve any building work.</p>
	<p><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.</p>	<p>✓</p>	<p><b>Complies</b> Development does not increase the number of lots in the 'High flood hazard area'.</p>

<p><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:</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>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>.</p>	<p>n/a</p>	<p>n/a No earthworks are proposed.</p>
<p><b>Significant flood hazard area</b></p>			
<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> <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 disaster response recovery capacity and capabilities.</li> </ul>	<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> <ul style="list-style-type: none"> <li>(a) Residential care facility;</li> <li>(b) Retirement facility;</li> <li>(c) Child care centre;</li> <li>(d) Hospital; or</li> <li>(e) Community use.</li> </ul>	<p>n/a</p>	<p>n/a Development is for the ROL only. No uses listed in AO9 are proposed.</p>

<b>Significant flood hazard area, Low flood hazard area or Potential flood hazard area</b>			
<p><b>PO10</b> Development, where involving a Material change of use or Building work, 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>AO10.1</b> Buildings, including extensions to existing buildings are:</p> <ul style="list-style-type: none"> <li>(a) elevated above the defined flood level; and</li> <li>(b) the defined flood event does not exceed a depth of 600mm; and</li> <li>(c) elevated above the defined flood level plus 0.3 metres freeboard where for habitable rooms within a dwelling.</li> </ul> <p>OR</p>	n/a	n/a Development is for the ROL only and does not involve any new buildings or extensions to existing buildings.
	<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 level where for the following components of the use:</p> <ul style="list-style-type: none"> <li>(a) administrative areas; or</li> <li>(b) services, plant and equipment associated with the building.</li> </ul> <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	n/a Development is for the ROL only and does not involve any new buildings for Commercial or Industrial activities.
	<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	n/a Development is for the ROL only and does not involve any new buildings.



<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>	<p>n/a</p>	<p>n/a No earthworks are proposed.</p>
<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>			
<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>n/a Development is for the ROL only and does not involve any new buildings.</p>

Significant flood hazard area, Low flood hazard area or Potential flood hazard area			
<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>	<p>✓</p>	<p><b>Complies</b> Development is for the ROL only and does not involve any new buildings.</p> <p>The existing hydrological function of the premises will be maintained.</p> <p>Proposed Lot 3 has been designed to include the Low Flood Hazard area mapped over the site to avoid interference with the flood affected area and provide an elevated position for the siting of a future dwelling.</p>



### 8.2.8 Hill and Slope Overlay Code

The development site is located within the Hill and Slope Overlay area of the Mareeba Shire Planning Scheme.



- LEGEND**
- Hill and Slope**
    - Hill and Slope Area
  - Other Elements**
    - Cadastre
    - Mareeba Shire Council Boundary
    - Watercourse



**8.2.8.3 Criteria for assessment**

**Table 8.2.8.3 – Hill and slope overlay code - For assessable development**

Performance outcomes	Acceptable outcomes	Complies	Comment
<b>For assessable development</b>			
<b>Slope stability</b>			
<p><b>PO1</b> Where clearing of vegetation, building work or filling or excavation occurs on land within a 'Hill and slope area' identified on the <b>Hill and slope overlay maps (OM-008a-o)</b>, a geotechnical report is prepared in accordance with Planning Scheme Policy 5 - Preparation of Geotechnical Reports that demonstrates:</p> <ul style="list-style-type: none"> <li>(a) the long term stability of the development site;</li> <li>(b) development will not be adversely affected by landslide activity originating on sloping land above the development site; and</li> <li>(c) development will not adversely affect other property outside the development site through landslide activity or alterations to surface or groundwater.</li> </ul>	<p><b>AO1</b> No acceptable outcome is provided.</p>	n/a	n/a Development is for the ROL only and does not involve the clearing of vegetation, building work or filling or excavation on land within a 'Hill and slope area'.
<p><b>PO2</b> Development is designed and located to ensure that the use can appropriately function in the 'Hill and slope area' identified on the <b>Hill and slope overlay maps (OM-008a-o)</b> having regard to:</p> <ul style="list-style-type: none"> <li>(a) the nature and scale of the proposed use;</li> <li>(b) the gradient of the land;</li> <li>(c) the extent of land disturbance proposed;</li> <li>(d) stormwater discharge and its potential for erosion.</li> </ul>	<p><b>AO2.1</b> Development for a Child care centre or Educational establishment is not located on land in a 'Hill and slope area' identified on the <b>Hill and slope overlay maps (OM-008a-o)</b>.</p>	n/a	n/a Development does not involve a Child care centre or Educational establishment.
	<p><b>AO2.2</b> Development is not located on land with a gradient of greater than 25%.</p>	n/a	n/a Development is for the ROL only.
	<p><b>AO2.3</b> No lot less than 2,000m<sup>2</sup> is created in a 'Hill and slope area' identified on the <b>Hill and slope overlay maps (OM-008a-o)</b>.</p> <p>Note – Where a minimum lot size of less than 2,000m<sup>2</sup> applies under the Reconfiguring a lot code, the lot size requirements of the Hill and slope overlay code prevail.</p>	✓	<b>Complies</b> Development does not create lots less than 2,000m <sup>2</sup> in a 'Hill and slope area'.





<b>Community infrastructure and essential services</b>			
<p><b>PO3</b> Community infrastructure and essential services located within a 'Hill and slope area' identified on the <b>Hill and slope overlay maps (OM-008a-o)</b> are able to function effectively during and immediately after landslide events.</p>	<p><b>AO3</b> No acceptable outcome is provided.</p>	<p>✓</p>	<p><b>Complies</b> Community infrastructure and essential services are not affected.</p>

## 8.2.10 Residential Dwelling House and Outbuilding Overlay Code

### 8.2.10.3 Criteria for assessment

**Table 8.2.10.3A – Residential dwelling house and outbuilding overlay code - For accepted development subject to requirements and assessable development**

Performance outcomes	Acceptable outcomes	Complies	Comments
<p><b>PO1</b> Building height takes into consideration and respects the following:</p> <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>	<p><b>AO1</b> Development has a maximum building height of:</p> <ul style="list-style-type: none"> <li>(a) 8.5 metres; and</li> <li>(b) 2 storeys above ground level.</li> </ul>	n/a	n/a The proposal is for a subdivision only. No new buildings are proposed.
<b>Outbuildings and residential scale</b>			
<p><b>PO2</b> Domestic outbuildings:</p> <ul style="list-style-type: none"> <li>(a) do not dominate the lot on which they are located; and</li> <li>(b) are consistent with the scale and character of development in the zone in which the land is located.</li> </ul>	<p><b>AO2.1</b> Where located in the Low density residential zone or the Medium density residential zone, domestic outbuildings do not exceed:</p> <ul style="list-style-type: none"> <li>(a) 100m<sup>2</sup> in gross floor area; and</li> <li>(b) 5.5 metres in height above natural ground level.</li> </ul>	n/a	n/a The site is not located in the Low density residential zone or the Medium density residential zone
	<p><b>AO2.2</b> Where located in the Rural residential zone and on lots equal to or less than 2 hectares, domestic outbuildings do not exceed:</p> <ul style="list-style-type: none"> <li>(a) 150m<sup>2</sup> in gross floor area; and</li> <li>(b) 5.5 metres above natural ground level.</li> </ul>	n/a	n/a The proposal is for a subdivision only. No new buildings are proposed.

	<p><b>AO2.3</b> Where located in the Rural residential zone and located on lots greater than 2 hectares, domestic outbuildings do not exceed:</p> <p>(a) 200m<sup>2</sup> in gross floor area; and (b) 8.5 metres above natural ground level.</p>	n/a	n/a The proposal is for a subdivision only. No new buildings are proposed.
<b>Gross floor area</b>			
<p><b>PO3</b> Buildings and structures occupy the site in a manner that:</p> <p>(a) makes efficient use of land; (b) is consistent with the bulk and scale of surrounding buildings; and (c) appropriately balances built and natural features.</p>	<p><b>AO3</b> Gross floor area does not exceed 600m<sup>2</sup>.</p>	n/a	n/a The proposal is for a subdivision only. No new buildings are proposed.
<b>Secondary dwellings</b>			
<p><b>PO4</b> Where a Dwelling house involves a secondary dwelling, it is designed and located to:</p> <p>(a) not dominate the site; (b) remain subservient to the primary dwelling; and (c) be consistent with the character of the surrounding area;</p>	<p><b>AO4.1</b> The secondary dwelling is located within:</p> <p>(a) 10 metres of the primary dwelling where on a lot that has an area of 2 hectares or less; or (b) 20 metres of the primary dwelling where on a lot that has an area of greater than 2 hectares.</p>	n/a	n/a The proposal is for a subdivision only. No new buildings are proposed.
	<p><b>AO4.2</b> A secondary dwelling has a maximum gross floor area of 100m<sup>2</sup>.</p>	n/a	n/a No new buildings are proposed.

<b>Car parking</b>			
<p><b>PO5</b> Development provides sufficient car parking to accommodate the demand likely to be generated by the use, having regard to the:</p> <ul 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> </ul>	<p><b>AO5</b> Car parking spaces are provided in accordance with the following minimum rates:</p> <ul style="list-style-type: none"> <li>(a) one covered space per dwelling house; and</li> <li>(b) one space per secondary dwelling</li> </ul>	n/a	n/a The proposal is for a subdivision only. No new buildings or car parking facilities are proposed.
<b>Vehicle crossovers</b>			
<p><b>PO6</b> Vehicle crossovers are provided to:</p> <ul style="list-style-type: none"> <li>(a) ensure safe and efficient access between the road and premises;</li> <li>(b) minimize interference with the function and operation of roads; and</li> <li>(c) minimise pedestrian to vehicle conflict.</li> </ul>	<p><b>AO6.1</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>	✓	<b>Complies</b> The vehicle crossover for all proposed Lots will be designed and constructed in accordance with the applicable standards.
	<p><b>AO6.2</b> Development on a site with two or more road frontages provides vehicular access from the lowest order road.</p>	✓	<b>Complies</b> All proposed Lots provide crossovers to the lowest order road possible.
	<p><b>AO6.3</b> A secondary dwelling shares a vehicle crossover with the primary dwelling.</p>	n/a	n/a No secondary dwellings are proposed.
<p><b>PO7</b> Access, manoeuvring and car parking areas include appropriate pavement treatments having regard to:</p> <ul style="list-style-type: none"> <li>(a) the intensity of anticipated vehicle movements;</li> <li>(b) the nature of the use that they service; and</li> <li>(c) the character of the surrounding locality.</li> </ul>	<p><b>AO7</b> Access, manoeuvring and car parking areas include pavements that are constructed in accordance with <b>Table 8.2.10.3B</b>.</p>	✓	<b>Complies</b> All new access crossovers will be designed and constructed in accordance with the applicable standards.

<b>Water supply</b>			
<p><b>PO8</b> Each lot has an adequate volume and supply of water that:</p> <ul style="list-style-type: none"> <li>(a) meets the needs of users;</li> <li>(b) is adequate for fire-fighting purposes;</li> <li>(c) ensures the health, safety and convenience of the community; and</li> <li>(d) minimises adverse impacts on the receiving environment.</li> </ul>	<p><b>AO8.1</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 in the Rural residential zone and outside a reticulated water supply service area.</p>	n/a	n/a The site is not serviced by the reticulated water supply network.
	<p><b>AO8.2</b> Development, where located outside a reticulated water supply service area and in the Rural residential zone is provided with:</p> <ul style="list-style-type: none"> <li>(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</li> <li>(b) on-site water storage tank/s:                             <ul style="list-style-type: none"> <li>(i) with a minimum capacity of 90,000L;</li> <li>(ii) fitted with a 50mm ball valve with a camlock fitting; and</li> <li>(iii) which are installed and connected prior to the occupation or use of the development.</li> </ul> </li> </ul>	✓	<p><b>Complies</b> Proposed Lot 4 will utilize the existing water bore and rain water tanks.</p> <p>Proposed Lot 1 will utilize the existing rain water tanks and a new rain water tank installed to the capacity required.</p> <p>All other Lots will be vacant and can be supplied by a bore water supply or other means for fire fighting purposes at the time of new dwelling construction as required.</p>
<b>Wastewater disposal</b>			
<p><b>PO9</b> Each lot provides for the treatment and disposal of effluent and other waste water that:</p> <ul style="list-style-type: none"> <li>(a) meets the needs of users;</li> <li>(b) is adequate for fire-fighting purposes;</li> <li>(c) ensures the health, safety and convenience of the community; and</li> <li>(d) minimises adverse impacts on the receiving environment.</li> </ul>	<p><b>AO9.1</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 in the Rural residential zone and outside a reticulated sewerage service area.</p>	n/a	n/a The site is not serviced by the reticulated sewerage network system.

	<p><b>AO9.2</b> An effluent disposal system is provided in accordance with AS/NZ 1547 On-Site Domestic Wastewater Management (as amended) where development is located in the Rural residential zone and outside a reticulated sewerage service area.</p>	✓	<p><b>Complies</b> Proposed Lots 1 and 4 will utilize the existing septic tank systems.</p> <p>All other proposed Lots will have an appropriate effluent disposal system designed and constructed by the new land owners at the time of future dwelling construction.</p>
<b>Stormwater infrastructure</b>			
<p><b>PO10</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>AO10.1</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>	✓	<p><b>Complies</b> The existing stormwater drainage swale on the Barnwell Road and Oak Forest Road frontages will be utilised where necessary and culverts constructed over the swale for new crossovers.</p>
	<p><b>AO10.2</b> On-site drainage systems are constructed: (a) to convey stormwater from the premises to a lawful point of discharge; and (b) in accordance with the Design Guidelines and Specifications set out in the Planning Scheme Policy 4 – FNQROC Regional Development Manual.</p>	✓	<p><b>Complies</b> Existing overland site drainage is suitable for future use for all proposed Lots.</p> <p>No additional on-site stormwater drainage channels or other such infrastructure is required.</p>

<b>Electricity supply</b>			
<p><b>PO11</b> Each lot is provided with an adequate supply of electricity</p>	<p><b>AO11</b> The premises: (a) is connected to the electricity supply network; or (b) has arranged a connection to the transmission grid; or (c) where not connected to the network, an 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: (i) it is approved by the relevant regulatory authority; and (ii) it can be demonstrated that no air or noise emissions; and (iii) it can be demonstrated that no adverse impact on visual amenity will occur.</p>	<p>✓</p>	<p><b>Complies</b> Reticulated electricity supply is available via infrastructure on both the Barnwell Road and Oak Forest Road frontages.  The existing Outbuildings on proposed Lot 4 will retain the existing electrical provisions whilst the existing dwelling on proposed Lot 1 will be provided with a new overhead connection to the pole located near its crossover.  Refer to the Planning Report for available infrastructure provisions and Appendix 2: Proposed site plan for design details.</p>
<b>Telecommunications infrastructure</b>			
<p><b>PO12</b> Each lot is provided with an adequate supply of telecommunication infrastructure.</p>	<p><b>AO12</b> Development is provided with a connection to the national broadband network or telecommunication services.</p>	<p>✓</p>	<p><b>Complies</b> Telecommunications connections are available via Barnwell Road and Oak Forest Road and will be provided for each new lot if required by Council's approval conditions.</p>
<b>Existing public utility services</b>			
<p><b>PO13</b> Development and associated works do not affect the efficient functioning of public utility mains, services or installations.</p>	<p><b>AO13</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>	<p>✓</p>	<p><b>Complies</b> The development and associated works will not affect the efficient functioning of public utility mains, services or installations.</p>



<b>Excavation and filling</b>			
<p><b>PO14</b> Excavation or filling must not have an adverse impact on the:</p> <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>	<p><b>AO14.1</b> Excavation or filling does not occur within 1.5 metres of any site boundary.</p>	n/a	n/a No earthworks are proposed as part of this subdivision development.
	<p><b>AO14.2</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.</p>	n/a	n/a No earthworks are proposed as part of this subdivision development.
	<p><b>AO14.3</b> Earthworks batters:</p> <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	n/a No earthworks are proposed as part of this subdivision development.
	<p><b>AO14.4</b> Soil used for filling or spoil from excavation is not stockpiled in locations that can be viewed from:</p> <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	n/a No earthworks are proposed as part of this subdivision development.
	<p><b>AO14.5</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.</p>	n/a	n/a No earthworks are proposed as part of this subdivision development.
	<p><b>AO14.6</b> 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.</p>	n/a	n/a No retaining walls proposed as part of this subdivision development.





	<p><b>AO14.7</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.</p>	<p>n/a</p>	<p>n/a No earthworks are proposed as part of this subdivision development.</p>
--	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------	------------------------------------------------------------------------------------

## 9.4.2 Landscaping Code

### 9.4.2.3 Criteria for assessment

**Table 9.4.2.3A—Landscaping 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>			
<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	n/a The proposed development is for an ROL only and does not include any new landscaping. All existing landscaping will be retained.

<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> <li>(e) provide shade for pedestrians; and</li> <li>(f) includes a range and variety of planting.</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> <p>Note—Where development is setback from a frontage less than 1.5 metres, the setback area is provided as a landscape strip</p>	<p>n/a</p>	<p>n/a The proposed development is for an ROL only and does not include any new landscaping. All existing landscaping will be retained.</p>
<p><b>PO3</b> Development includes landscaping and fencing along side and rear boundaries that:</p> <ul style="list-style-type: none"> <li>(a) screens and buffer land uses;</li> <li>(b) assists to break up and soften elements of built form;</li> <li>(c) screens areas of limited visual interest;</li> <li>(d) preserves the amenity of sensitive land uses; and</li> <li>(e) includes a range and variety of planting.</li> </ul>	<p><b>AO3.1</b> Development provides landscape treatments along side and rear boundaries in accordance with <b>Table 9.4.2.3B</b>.</p>	<p>n/a</p>	<p>n/a No new landscaping is required or proposed.</p>
	<p><b>AO3.2</b> Shrubs and trees provided in landscape strips along side and rear boundaries:</p> <ul style="list-style-type: none"> <li>(a) are planted at a maximum spacing of 1 metre;</li> <li>(b) will grow to a height of at least 2 metres;</li> <li>(c) will grow to form a screen of no less than 2 metres in height; and</li> <li>(d) are mulched to a minimum depth of 0.1 metres with organic mulch.</li> </ul>	<p>n/a</p>	<p>n/a No new landscaping is required or proposed.</p>
	<p><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.</p>	<p>n/a</p>	<p>n/a No new landscaping is required or proposed.</p>

<p><b>PO4</b> Car parking areas are improved with a variety of landscaping that:</p> <ul style="list-style-type: none"> <li>(a) provides visual interest;</li> <li>(b) provides a source of shade for pedestrians;</li> <li>(c) assists to break up and soften elements; and</li> <li>(d) improves legibility.</li> </ul>	<p><b>AO4.1</b> Landscaping is provided in car parking areas which provides:</p> <ul style="list-style-type: none"> <li>(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;</li> <li>(b) a minimum of 1 shade tree for every 6 parking spaces, or part thereof, otherwise; and</li> <li>(c) where involving a car parking area in excess of 500m<sup>2</sup>:                             <ul style="list-style-type: none"> <li>(i) shade structures are provided for 50% of parking spaces; and</li> <li>(ii) a minimum of 10% of the parking area as landscaping.</li> </ul> </li> </ul> <p>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.</p>	n/a	n/a No new landscaping or car parking areas are required or proposed.
	<p><b>AO4.2</b> Landscaping in car parking areas is designed in accordance with Planning Scheme Policy 6 - Landscaping and preferred plant species.</p>	n/a	n/a No new landscaping or car parking areas are required or proposed.
<p><b>PO5</b> Landscaping areas include a range and variety of planting that:</p> <ul style="list-style-type: none"> <li>(a) is suitable for the intended purpose and local conditions;</li> <li>(b) contributes to the natural character of the Shire;</li> <li>(c) includes native species;</li> <li>(d) includes locally endemic species, where practical; and</li> <li>(e) does not include invasive plants or weeds.</li> </ul>	<p><b>AO5.1</b> Plant species are selected from the Plant Schedule in Planning Scheme Policy 6 - Landscaping and preferred plant species.</p>	n/a	n/a No new landscaping is required or proposed.
	<p><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.</p>	n/a	n/a No new landscaping is required or proposed.
<p><b>PO6</b> Landscaping does not impact on the ongoing provision of infrastructure and services to the Shire.</p>	<p><b>AO6.1</b> Tree planting is a minimum of</p> <ul style="list-style-type: none"> <li>(a) 2 metres from any underground water, sewer, gas, electricity or telecommunications infrastructure; and</li> <li>(b) 4 metres from any inspection chamber.</li> </ul>	n/a	n/a No new landscaping is required or proposed.

	<p><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.</p>	<p>n/a</p>	<p>n/a No new landscaping is required or proposed.</p>
	<p><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.</p>	<p>n/a</p>	<p>n/a Development site does not adjoin an electricity substation boundary.</p>
<p><b>For assessable development</b></p>			
<p><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 (d) maintain or enhance the safety of pedestrians through the use of Crime Prevention Through Environmental Design principles.</p>	<p><b>AO7</b> No acceptable outcome is provided.</p>	<p>n/a</p>	<p>n/a No new landscaping is required or proposed.</p>

### 9.4.3 Parking and Access Code

#### 9.4.3.3 Criteria for assessment

**Table 9.4.3.3A—Parking and access 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>Car parking spaces</b>			
<p><b>PO1</b> Development provides sufficient car parking to accommodate the demand likely to be generated by the use, having regard to the:</p> <ul style="list-style-type: none"> <li>(f) nature of the use;</li> <li>(g) location of the site;</li> <li>(h) proximity of the use to public transport services;</li> <li>(i) availability of active transport infrastructure; and</li> <li>(j) accessibility of the use to all members of the community.</li> </ul>	<p><b>AO1</b> The number of car parking spaces provided for the use is in accordance with <b>Table 9.4.3.3B</b>.</p> <p>Note—Car parking spaces provided for persons with a disability are to be considered in determining compliance with AO1.</p>	n/a	n/a Development is for a Boundary Realignment (ROL) only.
<b>Vehicle crossovers</b>			
<p><b>PO2</b> Vehicle crossovers are provided to:</p> <ul style="list-style-type: none"> <li>(d) ensure safe and efficient access between the road and premises;</li> <li>(e) minimize interference with the function and operation of roads; and</li> <li>(f) minimise pedestrian to vehicle conflict.</li> </ul>	<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>	✓	<b>Complies</b> All new crossovers will be designed and constructed in accordance with all applicable standards.
	<p><b>AO2.2</b> Development on a site with two or more road frontages provides vehicular access from:</p> <ul style="list-style-type: none"> <li>(a) the primary frontage where involving Community activities or Sport and recreation activities, unless the primary road frontage is a State-controlled road; or</li> <li>(b) from the lowest order road in all other instances.</li> </ul>	✓	<b>Complies</b> All proposed Lots provide crossovers to the lowest order road possible.

	<b>AO2.3</b> Vehicular access for particular uses is provided in accordance with <b>Table 9.4.3.3E</b> .	n/a	n/a Development does not involve any uses specified in Table 9.4.3.3E.
<b>PO3</b> Access, manoeuvring and car parking areas include appropriate pavement treatments having regard to: (d) the intensity of anticipated vehicle movements; (e) the nature of the use that they service; and (f) the character of the surrounding locality.	<b>AO3</b> Access, manoeuvring and car parking areas include pavements that are constructed in accordance with <b>Table 9.4.3.3C</b> .	✓	<b>Complies</b> All new access crossovers will be designed and constructed in accordance with the applicable standards.
<b>For assessable development</b>			
<b>Parking area location and design</b>			
<b>PO4</b> Car parking areas are located and designed to: (a) ensure safety and efficiency in operation; and (b) be consistent with the character of the surrounding locality.	<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	n/a Development is for an ROL only. No car parking areas are proposed.
	<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	n/a Development is for an ROL only. No car parking areas are proposed.
	<b>AO4.3</b> The car parking area includes designated pedestrian routes that provide connections to building entrances.	n/a	n/a Development is for an ROL only. No car parking areas are proposed.

	<p><b>AO4.4</b>                  Parking and any set down areas are:                  (a) wholly contained within the site;                  (b) visible from the street where involving Commercial activities, Community activities, Industrial activities or a use in the Recreation and open space zone;                  (c) are set back behind the main building line where involving a Dual occupancy, Multiple dwelling, Residential care facility or Retirement facility; and                  (d) provided at the side or rear of a building in all other instances.</p>	n/a	n/a Development is for an ROL only. No car parking areas are proposed.
<b>Site access and manoeuvring</b>			
<p><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.</p>	<p><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.</p>	n/a	n/a Development is for an ROL only. No car parking areas are proposed.
	<p><b>AO5.2</b>                  Vehicular access has a minimum sight distance in accordance with Part 5 of AUSTRROADS.</p>	✓	<b>Complies</b> All vehicular access points will have a minimum sight distance in accordance with Part 5 of AUSTRROADS.
	<p><b>AO5.3</b>                  Vehicular access is located and designed so that all vehicles enter and exit the site in a forward gear.</p>	✓	<b>Complies</b> Vehicular access is located and designed so that all vehicles enter and exit the site in a forward gear.
	<p><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).</p>	n/a	n/a Development is for an ROL only.





<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	n/a Development is not for 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	n/a Development is not for 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	n/a Development is for an ROL only.
	<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	n/a Development is for an ROL only.
	<p><b>AO6.5</b> Internal roads, apart from those for an Energy and infrastructure activity or Rural activity, are illuminated in accordance with AS 4282 (as amended) - Control of Obtrusive effects of outdoor lighting.</p>	n/a	n/a Development is for an ROL only.
	<p><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.</p>	n/a	n/a Development is for an ROL only.

	<p><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.</p>	n/a	n/a Development is for an ROL only.
<b>Servicing</b>			
<p><b>PO7</b> Development provides access, maneuvering and servicing areas on site that: (a) accommodate a service vehicle commensurate with the likely demand generated by the use; (b) do not impact on the safety or efficiency of internal car parking or maneuvering areas; (c) do not adversely impact on the safety or efficiency of the road network; (d) provide for all servicing functions associated with the use; and (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: (a) on the site; (b) to the side or rear of the building, behind the main building line; (c) not adjacent to a site boundary where the adjoining property is used for a sensitive use.</p>	n/a	n/a No service and waste disposal areas are required.
	<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	n/a No service and waste disposal areas are required.
	<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	n/a No service and waste disposal areas are required.
<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	n/a Development is for an ROL only. No car parking areas are proposed.
	<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	n/a Development is for an ROL only. No car parking areas are proposed.

<b>End of trip facilities</b>			
<b>PO9</b> Development within the Centre zone; Industry zone or Emerging community zone provides facilities for active transport users that: <ul style="list-style-type: none"> <li>(a) meet the anticipated demand generated from the use;</li> <li>(b) comprise secure and convenient bicycle parking and storage; and</li> <li>(c) provide end of trip facilities for all active transport users.</li> </ul>	<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> .	n/a	n/a Development is for an ROL only.
	<b>AO9.2</b> End of trip facilities are provided in accordance with <b>Table 9.4.3.3D</b> .	n/a	n/a Development is for an ROL only.
<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>			
<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.	<b>AO10</b> A traffic impact report is prepared by a suitably qualified person that identifies: <ul style="list-style-type: none"> <li>(a) the expected traffic movements to be generated by the facility;</li> <li>(b) any associated impacts on the road network; and</li> <li>(c) any works that will be required to address the identified impacts.</li> </ul>	n/a	n/a Development is not for an Educational establishment or Child care centre.
<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>			
<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.	<b>AO11</b> A traffic impact report is prepared by a suitably qualified person that identifies: <ul style="list-style-type: none"> <li>(d) the expected traffic movements to be generated by the facility;</li> <li>(e) any associated impacts on the road network; and</li> <li>(f) any works that will be required to address the identified impacts.</li> </ul>	n/a	n/a Development is not for an Educational establishment or Child care centre.

## 9.4.4 Reconfiguring a lot Code

### 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> <ul style="list-style-type: none"> <li>(a) is consistent with the design of lots in the surrounding area;</li> <li>(b) allows the desired amenity of the zone to be achieved;</li> <li>(c) is able to accommodate all buildings, structures and works associated with the intended land use;</li> <li>(d) allow the site to be provided with sufficient access;</li> <li>(e) considers the proximity of the land to:               <ul style="list-style-type: none"> <li>(i) centres;</li> <li>(ii) public transport services; and</li> <li>(iii) open space; and</li> </ul> </li> <li>(f) allows for the protection of environmental features; and</li> <li>(g) accommodates site constraints.</li> </ul>	<p><b>AO1.1</b> Lots provide a minimum area and frontage in accordance with <b>Table 9.4.4.3B</b>.</p>	✓	<p><b>Complies with PO1</b> The site is zoned Rural Residential and is not located within a Precinct.</p> <p>All proposed Lots have been designed in a way that is consistent with the design of lots in the surrounding area, allows the desired amenity of the zone to be achieved, is able to accommodate all buildings, structures and works associated with the intended land use, allows the site to be provided with sufficient access, considers the proximity of the land to centres, public transport services and open space, allows for the protection of environmental features and accommodates site constraints.</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> <ul style="list-style-type: none"> <li>(a) new lots are of sufficient area and dimensions to accommodate existing land uses, buildings and structures; and</li> <li>(b) any continuing use is not compromised by</li> </ul>	<p><b>AO2.1</b> Each land use and associated infrastructure is contained within its individual lot.</p>	✓	<p><b>Complies</b> All existing land uses and associated infrastructure is contained within the proposed lots.</p> <p>The existing small shed located near the south west corner of the existing dwelling will be removed.</p>

the reconfiguration.	<b>AO2.2</b> All lots containing existing buildings and structures achieve the setback requirements of the relevant zone.	✓	<b>Complies</b> All existing buildings and structures to be retained comply with setback requirements.
<b>PO3</b> Reconfiguring a lot which contains an existing easement ensures: (a) future buildings, structures and accessways are able to be sited to avoid the easement; and (b) the reconfiguration does not compromise the purpose of the easement or the continued operation of any infrastructure contained within the easement.	<b>AO3</b> No acceptable outcome is provided.	n/a	<b>n/a</b> The site does not contain any Easements.
<b>Boundary realignment</b>			
<b>PO4</b> The boundary realignment retains all attendant and existing infrastructure connections and potential connections.	<b>AO4</b> No acceptable outcome is provided.	n/a	<b>n/a</b> The development is not for a boundary realignment.
<b>Access and road network</b>			
<b>PO5</b> Access to a reconfigured lot (including driveways and paths) must not have an adverse impact on: (a) safety; (b) drainage; (c) visual amenity; (d) privacy of adjoining premises; and (e) service provision.	<b>AO5</b> No acceptable outcome is provided.	✓	<b>Complies</b> Access points to proposed Lots do not have an adverse impact on the safety, drainage, visual amenity, privacy of adjoining premises or service provision to any allotments.
<b>PO6</b> Reconfiguring a lot ensures that access to a lot can be provided that: (a) is consistent with that provided in the surrounding area; (b) maximises efficiency and safety; and (c) is consistent with the nature of the intended use of the lot.  Note—The Parking and access code should be considered in demonstrating compliance with PO6.	<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.	✓	<b>Complies</b> All new crossovers will be provided in accordance with the design guidelines and specifications set out in Planning Scheme Policy 4 – FNQROC Regional Development Manual.



<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>	<p>n/a</p>	<p>n/a The site is not located in the Industry Zone.</p>
<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 of amenity for residents and other users of the site;</li> <li>(b) provide a high standard of amenity for adjoining properties; and</li> <li>(c) not adversely affect the safety and efficiency of the road from which access is gained.</li> </ul>	<p><b>AO8.1</b> Rear lots are designed to facilitate development that adjoins or overlooks a park or open space.</p>	<p>n/a</p>	<p>n/a No rear lots are proposed.</p>
	<p><b>AO8.2</b> No more than two rear lots are created behind any lot with a road frontage.</p>	<p>n/a</p>	<p>n/a No rear lots are proposed.</p>
	<p><b>AO8.3</b> Access to lots is via an access strip with a minimum width of:</p> <ul style="list-style-type: none"> <li>(a) 4 metres where in the Low density residential zone or Medium density residential zone; or</li> <li>(b) 8 metres otherwise.</li> </ul>	<p>n/a</p>	<p>n/a No access strips are proposed.</p>
	<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>	<p>n/a</p>	<p>n/a No access strips are proposed.</p>
	<p><b>AO8.5</b> No more than 1 in 10 lots created in a new subdivision are rear lots.</p>	<p>n/a</p>	<p>n/a No rear lots are proposed.</p>
	<p><b>AO8.6</b> Rear lots are not created in the Centre zone or the Industry zone.</p>	<p>n/a</p>	<p>n/a The site is not located in the Centre Zone or Industry Zone. No rear lots are proposed.</p>



<b>Crime prevention and community safety</b>			
<b>PO9</b> Development includes design features which enhance public safety and seek to prevent opportunities for crime, having regard to: <ul style="list-style-type: none"> <li>(a) sightlines;</li> <li>(b) the existing and intended pedestrian movement network;</li> <li>(c) the existing and intended land use pattern; and</li> <li>(d) potential entrapment locations.</li> </ul>	<b>AO9</b> No acceptable outcome is provided.	✓	<b>Complies</b> The proposed ROL does not compromise public safety nor increase potential crime.
<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.	✓	<b>Complies</b> The proposed ROL does not compromise pedestrian movement or cycle routes.
<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: <ul style="list-style-type: none"> <li>(a) does not prejudice the future provision of the identified infrastructure;</li> <li>(b) appropriately treats the common boundary with the future corridor; and</li> <li>(c) provides opportunities to integrate with the adjoining corridor where a it will include an element which will attract pedestrian movement.</li> </ul>	<b>AO11</b> No acceptable outcome is provided.	n/a	<b>n/a</b> The site does not include nor adjoin any future public transport corridors or sites.
<b>Residential subdivision</b>			
<b>PO12</b> Residential lots are: <ul style="list-style-type: none"> <li>(a) provided in a variety of sizes to accommodate housing choice and diversity; and</li> <li>(b) located to increase variety and avoid large areas of similar lot sizes.</li> </ul>	<b>AO12</b> No acceptable outcome is provided.	✓	<b>Complies</b> The proposed ROL provides a variety of Lot sizes.

<b>Rural residential zone</b>			
<p><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.</p>	<p><b>AO13</b> No acceptable outcome is provided.</p>	<p>✓</p>	<p><b>Does not comply</b> The site is not located within the 4,000m<sup>2</sup>, 1 hectare precinct or the 2 hectare precinct of the Rural Residential Zone.</p> <p>Similar subdivisions and lot sizes have been approved in the surrounding area and the proposed subdivision creates in-demand allotments of a scale and variety of sizes appropriate for the local area.</p> <p>Refer to the Planning Report and Site Plan for further details.</p>
<b>Additional provisions for greenfield development only</b>			
<p><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.</p>	<p><b>AO14</b> No acceptable outcome provided.</p>	<p>n/a</p>	<p><b>n/a</b> The proposed development is not a greenfield development.</p>
<p><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.</p>	<p><b>AO15</b> No acceptable outcome provided.</p>	<p>n/a</p>	<p><b>n/a</b> The proposed development is not a greenfield development.</p>
<p><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.</p>	<p><b>AO16</b> No acceptable outcome provided.</p>	<p>n/a</p>	<p><b>n/a</b> The proposed development is not a greenfield development.</p>



<p><b>PO17</b> Reconfiguring a lot provides safe and convenient access to the existing or future public transport network.</p>	<p><b>AO17</b> The subdivision locates 90% of lots within 400 metres walking distance of a future public transport route.</p>	<p>n/a</p>	<p>n/a The proposed development is not a greenfield development.</p>
<p><b>PO18</b> The staging of the lot reconfiguration prioritises delivery of link roads to facilitate efficient bus routes.</p>	<p><b>AO18</b> No acceptable outcome provided.</p>	<p>n/a</p>	<p>n/a The proposed development is not a greenfield development.</p>
<p><b>PO19</b> Provision is made for sufficient open space to:</p> <p>(a) meet the needs of the occupiers of the lots and to ensure that the environmental and scenic values of the area are protected;</p> <p>(b) retain riparian corridors, significant vegetation and habitat areas and provides linkages between those areas; and</p> <p>(c) meet regional, district and neighbourhood open space requirements.</p>	<p><b>AO19.1</b> A minimum of 10% of the site area is dedicated as open space.</p>	<p>n/a</p>	<p>n/a The proposed development is not a greenfield development.</p>
	<p><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.</p>	<p>n/a</p>	<p>n/a The proposed development is not a greenfield development.</p>
<p><b>PO20</b> A network of parks and community land is provided:</p> <p>(a) to support a full range of recreational and sporting activities;</p> <p>(b) to ensure adequate pedestrian, cycle and vehicle access;</p> <p>(c) which is supported by appropriate infrastructure and embellishments;</p> <p>(d) to facilitate links between public open spaces;</p> <p>(e) which is co-located with other existing or proposed community infrastructure;</p> <p>(f) which is consistent with the preferred open space network; and</p> <p>(g) which includes a diversity of settings;</p>	<p><b>AO20</b> No acceptable outcome is provided.</p>	<p>n/a</p>	<p>n/a The proposed development is not a greenfield development.</p>

## 9.4.5 Works, Services and Infrastructure Code

### 9.4.5 Works, services and infrastructure code

Table 9.4.5.3 - Works, services and infrastructure 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>Water supply</b>			
<b>PO1</b> Each lot has an adequate volume and supply of water that: <ul style="list-style-type: none"> <li>(a) meets the needs of users;</li> <li>(b) is adequate for fire-fighting purposes;</li> <li>(c) ensures the health, safety and convenience of the community; and</li> <li>(d) minimises adverse impacts on the receiving environment.</li> </ul>	<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: <ul style="list-style-type: none"> <li>(a) in the Conservation zone, Rural zone or Rural residential zone; and</li> <li>(b) outside a reticulated water supply service area.</li> </ul>	n/a	n/a The site is not serviced by the reticulated water supply network.
	<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: <ul style="list-style-type: none"> <li>(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</li> <li>(b) on-site water storage tank/s:               <ul style="list-style-type: none"> <li>i. with a minimum capacity of 90,000L;</li> <li>ii. fitted with a 50mm ball valve with a camlock fitting; and</li> <li>iii. which are installed and connected prior to the occupation or use of the development.</li> </ul> </li> </ul>	✓	<b>Complies</b> Lot 4 will retain the existing bore water supply and water tanks. Lot 1 will retain the existing rain water tanks.  All other Lots will be vacant and can be supplied by a bore water for fire fighting purposes at the time of new dwelling construction as required.



<b>Wastewater disposal</b>			
<p><b>PO2</b> Each lot provides for the treatment and disposal of effluent and other waste water that:</p> <ul style="list-style-type: none"> <li>(a) meets the needs of users;</li> <li>(b) is adequate for fire-fighting purposes;</li> <li>(c) ensures the health, safety and convenience of the community; and</li> <li>(d) minimises adverse impacts on the receiving environment.</li> </ul>	<p><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:</p> <ul style="list-style-type: none"> <li>(a) in the Conservation zone, Rural zone or Rural residential zone; and</li> <li>(b) outside a reticulated sewerage service area.</li> </ul>	n/a	n/a The site is not serviced by the reticulated sewerage network system.
	<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> <ul style="list-style-type: none"> <li>(a) in the Conservation zone, Rural zone or Rural residential zone; and</li> <li>(b) outside a reticulated sewerage service area.</li> </ul>	✓	<p><b>Complies</b> Proposed Lots 1 and 4 will utilize the existing septic tank systems.</p> <p>All other proposed Lots will have an appropriate effluent disposal system designed and constructed by the new land owners at the time of future dwelling construction.</p>
<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>	✓	<p><b>Complies</b> The existing stormwater drainage swale on the Barnwell Road and Oak Forest Road frontages will be utilised where necessary and culverts constructed over the swale for new crossovers.</p>
	<p><b>AO3.2</b> On-site drainage systems are constructed:</p> <ul style="list-style-type: none"> <li>(a) to convey stormwater from the premises to a lawful point of discharge; and</li> <li>(b) in accordance with the Design Guidelines and Specifications set out in the Planning Scheme Policy 4 – FNQROC Regional Development Manual.</li> </ul>	✓	<p><b>Complies</b> Existing overland site drainage is suitable for future use for all proposed Lots.</p> <p>No additional on-site stormwater drainage channels or other such infrastructure is required.</p>



<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: (a) is connected to the electricity supply network; or (b) has arranged a connection to the transmission grid; or (c) where not connected to the network, an 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: (d) it is approved by the relevant regulatory authority; and (e) it can be demonstrated that no air or noise emissions; and (f) it can be demonstrated that no adverse impact on visual amenity will occur.</p>	<p>✓</p>	<p><b>Complies</b> Reticulated electricity supply is available via infrastructure on both the Barnwell Road and Oak Forest Road frontages.  The existing Outbuildings on proposed Lot 4 will retain the existing electrical provisions whilst the existing dwelling on proposed Lot 1 will be provided with a new overhead connection to the pole located near it's crossover.  Refer to the Planning Report for available infrastructure provisions and Appendix 2: Proposed site plan for design details.</p>
<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>	<p>✓</p>	<p><b>Complies</b> Telecommunications connections are available via Barnwell Road and Oak Forest Road and will be provided for each new lot if required by Council's approval conditions.</p>
<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>	<p>✓</p>	<p><b>Complies</b> The development and associated works will not affect the efficient functioning of public utility mains, services or installations.</p>

<b>Excavation or filling</b>			
<p><b>PO7</b> Excavation or filling must not have an adverse impact on the:</p> <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>	<p><b>AO7.1</b> Excavation or filling does not occur within 1.5 metres of any site boundary.</p>	n/a	n/a No excavation or filling is proposed.
	<p><b>AO7.2</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.</p>	n/a	n/a No excavation or filling is proposed.
	<p><b>AO7.3</b> Earthworks batters:</p> <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	n/a No earthworks are proposed.
	<p><b>AO7.4</b> Soil used for filling or spoil from excavation is not stockpiled in locations that can be viewed from:</p> <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	n/a No excavation or filling is proposed.
	<p><b>AO7.5</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.</p>	n/a	n/a No batters or berms are proposed.
	<p><b>AO7.6</b> 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.</p>	n/a	n/a No retaining walls are proposed.



	<p><b>AO7.7</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.</p>	n/a	n/a No excavation or filling is proposed.
<b>For assessable development</b>			
<b>Transport network</b>			
<p><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.</p>	<p><b>AO8.1</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.</p>	n/a	<b>Complies</b> The vehicle crossover for all proposed Lots will be designed and constructed in accordance with the applicable standards.
	<p><b>AO8.2</b> Development provides footpath pavement treatments in accordance with Planning Scheme Policy 9 – Footpath Paving.</p>	n/a	n/a No new footpaths are proposed.
<b>Public infrastructure</b>			
<p><b>PO9</b> The design, construction and provision of any infrastructure that is to be dedicated to Council is cost effective over its life cycle and incorporates provisions to minimise adverse impacts.</p>	<p><b>AO9</b> Development is in accordance with the Design Guidelines and Specifications set out in the Planning Scheme Policy 4 – FNQROC Regional Development Manual.</p>	n/a	n/a No infrastructure for Council dedication is required or proposed.

<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>	<p>✓</p>	<p><b>Complies</b> The existing stormwater drainage swale on the Barnwell Road and Oak Forest Road frontages will be utilised where necessary and culverts constructed over the swale for new crossovers.</p> <p>Existing overland site drainage is suitable for future use for all proposed Lots.</p> <p>No additional on-site stormwater drainage channels or other such infrastructure is required.</p>



	<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 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>n/a</p>	<p><b>n/a</b>                  The existing stormwater drainage swale on the Barnwell Road and Oak Forest Road frontages will be utilised where necessary and culverts constructed over the swale for new crossovers.</p> <p>Existing overland site drainage is suitable for future use for all proposed Lots.</p> <p>No additional on-site stormwater drainage channels or other such infrastructure is required.</p>
<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> <li>(d) maximise community benefit; and</li> <li>(e) minimise risk to public safety.</li> </ul>	<p><b>AO11</b>                  No acceptable outcome is provided.</p>	<p>n/a</p>	<p><b>n/a</b>                  No storage areas for stormwater detention and retention are required.</p>



<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	n/a No excavation or filling is proposed.
	<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	n/a No excavation or filling is proposed.
<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	n/a No excavation or filling is proposed.
	<b>AO13.2</b> No other air pollutants, including odours, are detectable at the boundary of the site.	n/a	n/a No excavation or filling is proposed.
	<b>AO13.3</b> A management plan for control of dust and air pollutants is prepared and implemented.	n/a	n/a No excavation or filling is proposed.
<b>PO14</b> Access to the premises (including driveways and paths) does not have an adverse impact on: (a) safety; (b) drainage; (c) visual amenity; and (d) privacy of adjoining premises.	<b>AO14</b> Access to the premises (including all works associated with the access): (a) must follow as close as possible to the existing contours; (b) be contained within the premises and not the road reserve, and (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.	n/a	n/a No excavation or filling is proposed.
<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.	✓	<b>Complies</b> The proposed development poses no risk regarding the spread of weeds, seeds or pests.



<b>Contaminated land</b>			
<p><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</p>	<p><b>AO16</b> Development is located where: (a) soils are not contaminated by pollutants which represent a health or safety risk to users; or (b) contaminated soils are remediated prior to plan sealing, operational works permit, or issuing of building works permit.</p>	<p>✓</p>	<p><b>Complies</b> Development is for an ROL only.  The site does not contain any contaminated soil.</p>
<b>Fire services in developments accessed by common private title</b>			
<p><b>PO17</b> Fire hydrants are located in positions that will enable fire services to access water safely, effectively and efficiently.</p>	<p><b>AO17.1</b> Fire hydrants are located in access ways 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.</p>	<p>n/a</p>	<p><b>n/a</b> No access ways or private roads will be held in common private title.</p>
	<p><b>AO17.2</b> Fire hydrants are located at all intersections of accessways or private roads held in common private title.</p>	<p>n/a</p>	<p><b>n/a</b> No access ways or private roads will be held in common private title.</p>