

Assessment of application against relevant Development Codes

APPLICATION DETAILS

APPLICATION		PREMISES	
FILE NO:	MCU/17/0006	ADDRESS:	Arara Street, Kuranda
APPLICANT:	Ngoonbi Community Services Indigenous Corporation	RPD:	Lot 322 on SP118917
LODGED BY:	Gilvear Planning Pty Ltd	AREA:	8,757m ²
DATE LODGED:	1 September 2017	OWNER :	State of QLD (Rep by Dept of Education and Training)
TYPE OF APPROVAL:	Development Permit		
PROPOSED DEVELOPMENT:	Material Change of Use - Educational Establishment, Low Impact Industry, Office and Transport Depot (Mechanics Workshop, Construction Business, Offices and Meeting Rooms)		
PLANNING SCHEME:	Mareeba Shire Council Planning Scheme 2016		
ZONE:	Conservation zone		
LEVEL OF ASSESSMENT:	Impact Assessment		
SUBMISSIONS:	No Submissions Received		

Relevant Development Codes

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

- 6.2.3 Conservation zone code
- 7.2.1 Kuranda local plan code
- 8.2.2 Airport environs overlay code
- 8.2.4 Environmental significance overlay code
- 8.2.6 Flood hazard overlay code
- 8.2.8 Hill and slope overlay code
- 8.2.12 Transport infrastructure overlay code
- 9.3.3 Community activities code
- 9.3.5 Industrial activities code
- 9.4.2 Landscaping code
- 9.4.3 Parking and access code
- 9.4.5 Works, services and infrastructure code

6.2.3 Conservation zone code

6.2.3.1 Application

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

6.2.3.2 Purpose

- (1) The purpose of the Conservation zone code is to provide for the protection, restoration and management of areas identified as supporting significant biological diversity and ecological integrity.
- (2) Mareeba Shire Council's purpose of the Conservation zone code is to ensure that the shire's outstanding natural environment, ecological processes and biodiversity values are conserved, enhanced and restored.
- (3) The purpose of the code will be achieved through the following overall outcomes:
 - (a) Areas identified as having significant values for biological diversity, water catchment, ecological functioning and historical or cultural values are protected from development;
 - (b) Low intensity development based on appreciation of the conservation value of the area, such as ecotourism and outdoor recreation, may be facilitated where a demonstrated community need exists and where it is consistent with any management plan for the area;
 - (c) Adverse impacts on conservation values from on and off-site development or operation of development are minimised through the location, design and management of development and activities;
 - (d) Development is reflective of and responsive to the environmental values of the area;
 - (e) Natural features such as creeks, gullies, waterways, wetlands and native vegetation are protected and appropriate buffers are established;
 - (f) Low-impact, small-scale rural living opportunities and rural activities are facilitated where compatible with the maintenance of conservation values.

6.2.3.3 Criteria for assessment

Table 6.2.3.3—Conservation zone code — For assessable development

Performance outcomes	Acceptable outcomes	Complies	Comments
Height			
PO1 Building height takes into consideration and respects the following: <ul style="list-style-type: none"> (a) the height of existing buildings on adjoining premises; (b) the height of surrounding vegetation; (c) the height of buildings in the vicinity of the site; (d) access to sunlight and daylight for the site and adjoining sites; (e) privacy and overlooking; and (f) an appropriate balance between built and natural features. 	AO1 Development has a maximum building height of: <ul style="list-style-type: none"> (a) 8.5 metres; and (b) 2 storeys above ground level. 	✓	Complies - The proposed maximum building height is 8.5 metres.
Siting			
PO2 Development is sited in a manner that considers and respects: <ul style="list-style-type: none"> (a) the siting and use of adjoining premises; (b) access to sunlight and daylight for the site and adjoining sites; (c) privacy and overlooking; (d) air circulation and access to natural breezes; (e) relationship with road corridors; and (f) an appropriate balance between built and natural features. 	AO2 Buildings and structures include a minimum setback of: <ul style="list-style-type: none"> (a) 10 metres from any road frontage; and (b) 10 metres from side and rear boundaries. 	✓	Complies - The proposed shed will achieve a setback from road, side and rear boundary in excess of 10 metres.

Performance outcomes	Acceptable outcomes	Complies	Comments
Accommodation density			
PO3 The density of Accommodation activities: (a) contributes to housing choice and affordability; (b) respects the nature and density of surrounding land use; (c) is commensurate to the size and frontage of the site; (d) does not cause amenity impacts beyond the reasonable expectation of accommodation density for the zone; and (e) appropriately balances built and natural features.	AO3 Development provides a maximum density for Accommodation activities of 1 dwelling or accommodation unit per lot.	n/a	Not applicable - The proposed development does not include an accommodation activity component.

Performance outcomes	Acceptable outcomes	Complies	Comments
Site cover			
PO4 Buildings and structures occupy the site in a manner that: <ul style="list-style-type: none"> (a) protects the ecological features and values of the site and surrounds; (b) is consistent with the bulk and scale of buildings in the surrounding area; and (c) appropriately balances built and natural features. 	AO4 Site cover does not exceed 10%.	✓	Complies - site cover will be approximately 7%.
Building design			
PO5 Development complements and integrates with the established built and environmental character of the Conservation zone, having regard to: <ul style="list-style-type: none"> (a) roof form and pitch; (b) eaves and awnings; (c) building materials, colours and textures; and (d) window and door size and location. 	AO5 No acceptable outcome is provided.	✓	Complies - the proposed development will be located on an existing cleared portion of the site and will be effectively screened from view by existing mature vegetation. The development will not have a detrimental impact on the established built and environmental character of the site and immediate surrounds.
Amenity			
PO6 Development must not detract from the amenity of the local area, having regard to: <ul style="list-style-type: none"> (a) noise; (b) hours of operation; (c) traffic; (d) advertising devices; (e) visual amenity; (f) privacy; (g) lighting; (h) odour; and (i) emissions. 	AO6 No acceptable outcome is provided.	✓	Complies - The subject site is appropriately separated from sensitive land uses and the development will be effectively screened from view from adjoining properties/uses and Arara Street users by existing mature vegetation. The proposed development is not likely to have a detrimental impact on the amenity of the local

Performance outcomes	Acceptable outcomes	Complies	Comments
			area having regard to the elements mentioned in PO6. No submission were received when the proposed development was publicly advertised which indicates the absence of perceived impacts by the community.
PO7 Development must take into account and seek to ameliorate any existing negative environmental impacts, having regard to: (a) noise; (b) hours of operation; (c) traffic; (d) advertising devices; (e) visual amenity; (f) privacy; (g) lighting; (h) odour; and (i) emissions.	AO7 No acceptable outcome is provided.	n/a	Not applicable - There is not believed to be any existing negative environmental impacts emitted from the site.

7.2.1 Kuranda local plan code

7.2.1.1 Application

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

7.2.1.2 Purpose

- (1) The purpose of the Kuranda local plan code is to:
 - (a) maintain the distinctive “village in the rainforest” theme of Kuranda;
 - (b) maintain the character and pedestrian scale of Kuranda’s village heart;
 - (c) maintain a vibrant and diverse village frame which accommodates a cluster of uses including tourism attractions and mixed-use facilities; and
 - (d) ensure points of arrival into Kuranda are developed sensitively.
- (2) Three precincts are identified within the local plan in order to achieve this purpose:
 - (a) The Village heart precinct focuses on the fig tree lined section of Upper Coondoo Street and adjoining Thongon and Therwine Streets. The purpose of this precinct is to maintain the distinctive landscaping, paving schemes, active shop fronts and pedestrian scale of development in the Village heart as the focal point of activity within Kuranda.
 - (b) The Village frame precinct consists of a variety of commercial and community uses, characterised by varying scales and formats, including the markets, zoos and some mixed use commercial/residential developments and community facilities. The purpose of the precinct is to accommodate a wider variety of uses which still contribute to the rainforest character and theme of the Kuranda village.
 - (c) The Green belt precinct contains a mix of tenures and land uses which contribute to the distinctive rainforest belt enveloping Kuranda village. The purpose of the precinct is to maintain the rainforest theme of the village. The Green belt precinct also protects the visual amenity around points of arrival into Kuranda village.
- (3) The purpose of the code will be achieved through the following overall outcomes:
 - (a) Development provides high standards of amenity and compliments the surrounding natural and built environment;
 - (b) Development is integrated sensitively into the built and natural environment;
 - (c) Development maintains the streetscape amenity and pedestrian scale of Upper Coondoo, Thongon and Therwine St;
 - (d) Development maintains a mixed use commercial area framing Kuranda’s village heart accommodating a range of formats and scales of development and contributing to the established character of Kuranda;
 - (e) Development preserves and enhances a rainforest belt around the Kuranda village;
 - (f) Development protects Kuranda village from visually obtrusive development; and
 - (g) Development maintains a streetscape theme within the village through consistent landscape treatments and paving schemes.

7.2.1.3 Criteria for assessment

Table 7.2.1.3A—Kuranda local plan – For self-assessable and assessable development

Performance outcomes	Acceptable outcomes	Complies	Comments
For self-assessable and assessable development			
PO1 Advertising devices are compatible with the established character of the Kuranda local plan area, having regard to the: (a) dominance of natural elements; (b) scale of built elements; (c) nature of existing development in identified precincts; and (d) scale, location and prominence of existing advertising devices. Note—Refer to Planning Scheme Policy 1 – Character Area Design Guidelines for additional guidance in relation to the development outcomes sought.	AO1.1 Advertising devices: (a) are not illuminated or flashing; and (b) do not use fluorescent colours or reflective surfaces.	n/a	Not applicable - No advertising devices proposed.
	AO1.2 Where in the Village heart precinct or the Village frame precinct, advertising devices are limited to: (a) those attached to buildings; (b) a maximum of two permanent advertising devices per business; and (c) a combined surface area of no greater 2m ² .	n/a	Not applicable - No advertising devices proposed.
	AO1.3 Where in the Green belt precinct, advertising devices are: (a) limited to a surface area of 0.5m ² ; (b) located a minimum of 300 metres from the closest freestanding advertising device; and (c) located to not obstruct the windows or architectural features of a building or structure to which they are attached.	n/a	Not applicable - No advertising devices proposed.
Where in the Village frame precinct			
PO2 Buildings are sited in a	AO2.1 Site cover does not	n/a	Not applicable - The subject site is not situated within the

Performance outcomes	Acceptable outcomes	Complies	Comments
<p>manner which is consistent with the established scale and form of buildings within the precinct, having regard to:</p> <p>(a) proximity to the street;</p> <p>(b) the existing relationship between built and natural features; and</p> <p>(c) treatment of corner sites.</p> <p>Note—Refer to Planning Scheme Policy 1 – Character Area Design Guidelines for additional guidance in relation to the development outcomes sought.</p>	exceed 60%.		Village frame precinct.
	A02.2 Buildings are set back a minimum of 3 metres from the primary street frontage.	n/a	Not applicable - The subject site is not situated within the Village frame precinct.
	A02.3 Buildings are set back a minimum of 2 metres from any secondary street frontage.	n/a	Not applicable - The subject site is not situated within the Village frame precinct.
P03 Car parking and service areas do not dominate the streetscape.	A03.1 No more than 50% of provided car parking is to be located between the building and the primary street frontage.	n/a	Not applicable - The subject site is not situated within the Village frame precinct.
	A03.2 Servicing areas, excluding driveways, are not visible from the primary street frontage.	n/a	Not applicable - The subject site is not situated within the Village frame precinct.
Where in Green belt precinct			
P04 Where located on a site identified as a 'point of arrival', development reinforces a positive image of Kuranda and upholds the “village in the rainforest” theme.	A04 Where located on a site identified as a 'point of arrival', development is: <p>(a) of timber and tin construction; and</p> <p>(b) provides a minimum landscaped strip of 3 metres to the site frontage.</p>	n/a	Not applicable - The subject site is not mapped as a 'point of arrival'
P05 The natural landscape character of the Green belt precinct is maintained and enhanced through on-site landscaping that: <p>(a) promotes the dominance of natural</p>	A05.1 Development provides and maintains landscaping: <p>(a) along the full frontage of the site (excluding any access ways);</p> <p>(b) with a minimum</p>	✓	Complies - The proposed development will not involve any vegetation clearing. The existing buffer to the street frontage, which is in excess of three metres, would be retained as would the

Performance outcomes	Acceptable outcomes	Complies	Comments
elements; (b) screens built elements from view; (c) includes species consistent with those found in the precinct; and (d) includes an appropriate depth of planting from the frontage.	width of 3 metres; and (c) contains rainforest planting in accordance with Table 7.2.1.3B.		vegetation along the site and rear boundaries.
	AO5.2 Existing mature native vegetation that is visible from public open space and streets within the Green belt precinct is retained.	✓	Complies - No mature vegetation which is visible from public open space or Arara Street is proposed to be removed as part of the development.
For assessable development			
PO6 Development fronting Rob Veivers Drive, Barron Falls Road or the southern portion of the Kennedy Highway maintains and enhances the natural rainforest appearance of land adjoining these corridors through the retention and addition of existing native vegetation.	AO6.1 Existing vegetation is retained at a depth of a minimum of: (a) 20 metres from the lot frontage for properties fronting the southern side of Rob Veivers Drive; or (b) 3 metres from the lot frontage for properties fronting the northern side of Rob Veivers Drive; or (c) 10 metres from the lot frontage for properties fronting either side of Barron Falls Road; or (d) 10 metres from the lot frontage for properties fronting either side of the portion of the Kennedy Highway to the south of the Barron River.	n/a	Not applicable.
	AO6.2 Where an area of a frontage described in AO6.1 does not contain	n/a	Not applicable.

Performance outcomes	Acceptable outcomes	Complies	Comments
	<p>any vegetation for a distance greater than 2 metres, this area is replanted:</p> <p>(a) to the depth specified in AO6.1; and</p> <p>(b) in accordance with Table 7.2.1.3B.</p>		
	<p>AO6.3</p> <p>Where the site has a frontage to a road described in AO6.1, other than Barron Falls Road, advertising devices:</p> <p>(a) are limited to a surface area of 0.5m²;</p> <p>(b) do not use fluorescent colours or reflective surfaces;</p> <p>(c) do not involve illumination; and</p> <p>(d) are spaced a minimum of 300 metres apart from the closest existing freestanding advertising device.</p>	n/a	Not applicable.
Where in Village frame precinct and Village heart precinct			
<p>PO7</p> <p>Development in the Village frame precinct and Village heart precinct is undertaken in a manner that respects the place's local character having regard to:</p> <p>(a) building height, scale, bulk, mass and proportion;</p> <p>(b) building materials, patterns, textures, colours, and decorative elements;</p> <p>(c) floor to ceiling height;</p>	<p>AO7</p> <p>No acceptable outcome is provided.</p>	n/a	Not applicable.

Performance outcomes	Acceptable outcomes	Complies	Comments
(d) roof form and pitch; (e) facade articulation, detailing, stairways, and window and door proportions; (f) verandahs, awnings and eaves; (g) access ways, driveway crossovers, fence style and alignment; (h) ancillary buildings; and (i) other local character elements of the streetscape. Note—Refer to Planning Scheme Policy 1 – Character Area Design Guidelines for additional guidance in relation to the development outcomes sought.			
Where in Village heart precinct			
PO8 Frontage works contribute to and extend established streetscape themes and landscape treatments, having regard to: (a) the location of street trees; (b) the provision of mature trees near the frontage; (c) the provision of raised planters; (d) established paving schemes; (e) the permeability of surface treatments; and (f) opportunities for public art. Note—Refer to Planning Scheme Policy 1 – Character Area Design Guidelines for additional guidance in relation to the development outcomes sought.	AO8 No acceptable outcome is provided.	n/a	Not applicable.
Where in Village frame precinct			
PO9 Landscaping along the site	AO9 A landscape strip is	n/a	Not applicable.

Performance outcomes	Acceptable outcomes	Complies	Comments
frontage of a site in the Village frame precinct reinforces and enhances the natural character of the precinct by providing: (a) a sufficient depth of planting to ensure natural elements are prominent; and (b) species that are consistent with those found in the precinct.	provided adjacent to the full length of any road frontage: (a) with a minimum width of 2 metres; and (b) landscaped in accordance with the Table 7.2.1.3B .		
PO10 Buildings incorporate materials and design features that are consistent with the established style and form of development within the precinct, having regard to: (a) roofing; (b) window placement; and (c) privacy screening.	AO10 Buildings incorporate the following design characteristics: (a) roofing materials with a traditional profile corrugated iron; (b) fenestration which has a vertical emphasis; (c) avoidance of large glazed areas in otherwise blank walls; and (d) privacy screens which consist of lattice or battens and are less than 50% transparent. Note—Refer to Planning Scheme Policy 1 – Character Area Design Guidelines for additional guidance in relation to the development outcomes sought.	n/a	Not applicable.

Table 7.2.1.3B – Kuranda local plan precincts preferred plant species

Village heart precinct	Village frame precinct	Green belt precinct	Residential areas (local scenic routes)
Street trees <ul style="list-style-type: none"> • F. hillii • F. microcarpa var. latifolia (preferable attainable) 	Street trees <ul style="list-style-type: none"> • Elaeocarpus bancrofti • Flindersia pimenteliana • Grevillea baileyana • Syzgium kuranda 	Signature species <ul style="list-style-type: none"> • Agathis robusta (Kauri Pine) 	Trees (street plantings) <ul style="list-style-type: none"> • Archontophoenix myolensis (Myola Palm) • Backhousea citriodora • Bauhinia variegata var. candida • Cassia javanica x fistula • Saraca thiapingensis
Shrubs <ul style="list-style-type: none"> • Acalypha lyonsii • Cordyline terminalis • Graptophyllum ilicifolia • Licuala ramsayi (Fan Palm) 	Shrubs <ul style="list-style-type: none"> • Alpinia arctiflora • Alpinia caerulea • Alpinia modesta • Cryptocarya laevigata • Diospyros cupulosa • Memecylon pauciflorum 	Shrubs <ul style="list-style-type: none"> • Alyxia ruscifolia • Austromyrtus sp. Goldsborough (syn. Eugenia sp. Mulgrave River) • Banksia spinulosa • Hibbertia velutina • Leptospermum polygalifolium 	Shrubs (verge plantings) <ul style="list-style-type: none"> • Centradenia rosea • Calliandra spp. • Medinella micans • Strobilanthes wallichii • Rhodmyrtus tomentosa • Ruellia macrantha • Tibouchina spp.
Groundcover (tolerant of root competition) <ul style="list-style-type: none"> • Acmena smithii • Adiantum hispidulum • Asplenium longcornutum • Hemigraphis repanda • Impatiens repens • Philodendron 'Imperial Red' 	Understorey shrubs (low and groundcover) <ul style="list-style-type: none"> • Acalypha lyonsii • Alpinia hylandii • Alocasia hylandii • Mackinlaya macrosciadea, confusa • Macrothelypteris torresiana 	Groundcover <ul style="list-style-type: none"> • Gahnia aspera 	Groundcover <ul style="list-style-type: none"> • Calliandra tweedi 'Red Flash' • Rosa cv. 'Flower Carpet Red'
Groundcover (other) <ul style="list-style-type: none"> • Acalypha reptans • Cuphea sp. 'Tiny Mice' • Torenia 'Blue Magic' Viola hederacea 	Park trees <ul style="list-style-type: none"> • Ficus crassipes • Ficus pleurocarpa • Sundacarpus amara • Syzgium Kuranda • Elaeocarpus bancrofti (Kuranda Satinash) 	Small trees/ large shrubs <ul style="list-style-type: none"> • Acmena smithii • Archontophoenix myolensis, (Myola Palm) • Baekea frutescens • Callistemon recurvis • Callitris macleayana • Casuarina torulosa 	

Source: Kuranda Plant Palette prepared by Siteplan Cairns Pty Ltd (Landscape Architects for Mareeba Shire Council) 2000

8.2.2 Airport environs overlay code

8.2.2.1 Application

- (1) This code applies to assessing development where:
 - (a) land the subject of development is affected by a constraint category identified on the **Airport environs overlay maps (OM-002a-f)**; and
 - (b) it is identified in the assessment criteria column of an assessment table in Part 5 of the planning scheme.

Note—Strategic airports and aviation facilities are appropriately reflected in Overlay Map 2 and is required to be mapped by State Government in response to Infrastructure State Interests.

8.2.2.2 Purpose

- (1) The purpose of the Airport environs overlay code is to protect the current and ongoing operations of established airports, aerodromes and aviation infrastructure in Mareeba Shire.
- (2) The purpose of the code will be achieved through the following overall outcomes:
 - (a) The ongoing operation of Mareeba Airport and its associated infrastructure are protected from incompatible development;
 - (b) Aerodromes in Chillagoe and Dimbulah are maintained to support recreation, mining and rural uses;
 - (c) Operational airspace is protected;
 - (d) Threats to aviation safety such as bird and bat strike and distraction or blinding of pilots are avoided or minimised;
 - (e) State significant aviation facilities associated with the Mareeba Airport are protected from encroachment by sensitive land uses; and
 - (f) Development in the vicinity of airports, aerodromes and aviation infrastructure does not compromise public safety.

8.2.2.3 Criteria for assessment

Table 8.2.2.3 - Airport environs overlay code - For self-assessable and assessable development

Performance outcomes	Acceptable outcomes	Complies	Comments
For self-assessable and assessable development			
Protection of operational airspace			
PO1 Development does not interfere with movement of aircraft or the safe operation of an airport or aerodrome where within the: (a) Airport environs: OLS area of Mareeba Airport identified on Airport environs overlay map (OM-002c) ; or (b) Airport environs: OLS area of Cairns Airport identified on Airport environs overlay map (OM-002c.1) ; or (c) 'Airport environs: Airport buffer - 1 kilometre' of an aerodrome identified on Airport environs overlay map (OM-002f) ; or (d) 'Airport environs: Airport buffer - 3 kilometres' of an aerodrome identified on Airport environs overlay map (OM-002f) .	AO1.1 Development does not exceed the height of the Obstacle Limitation Surface (OLS) where located within the Airport environs: OLS area of: (a) Mareeba Airport identified on Airport environs overlay map (OM-002c) ; or (b) Cairns Airport identified on Airport environs overlay map (OM-002c.1) .	n/a	Not applicable.
	AO1.2 Development has a maximum height of 10 metres where within the 'Airport environs: Airport buffer - 1 kilometre' of an aerodrome identified on Airport environs overlay map (OM-002f) .	n/a	Not applicable.
	AO1.3 Development has a maximum height of 15 metres where within the 'Airport environs: Airport buffer - 3 kilometres' of an aerodrome identified on Airport environs overlay map (OM-002f) .	n/a	Not applicable.
Lighting			
PO2 Development does not include lighting that: (a) has the potential to impact on the efficient and safe operation of Mareeba Airport or an aerodrome; or (b) could distract or confuse pilots.	AO2 Development within the 'Airport environs: Distance from airport - 6 kilometres' area for Mareeba Airport identified on Airport environs overlay map (OM-002b) or the 'Airport environs: Airport buffer - 3 kilometres' of an aerodrome identified on Airport environs overlay map (OM-002f) does not: (a) involve external	n/a	Not applicable.

Performance outcomes	Acceptable outcomes	Complies	Comments
	lighting, including street lighting, that creates straight parallel lines of lighting that are more than 500 metres long; and (b) does not contain reflective cladding upwards shining lights, flashing lights or sodium lights.		
Noise exposure			
PO3 Development not directly associated with Mareeba Airport is protected from aircraft noise levels that may cause harm or undue interference.	AO3 Sensitive land uses are acoustically insulated to at least the minimum standards specified by AS2021 Acoustics - Aircraft Noise Intrusion - Building Siting and Construction where located within the 'Airport environs: 20-25 ANEF' area identified on Airport environs overlay map (OM-002d) .	n/a	Not applicable.
Public safety			
PO4 Development does not compromise public safety or risk to property.	AO4 Development is not located within the 'Airport environs: Mareeba Airport public safety area' identified on Airport environs overlay map (OM-002e) .	n/a	Not applicable.
State significant aviation facilities associated with Mareeba Airport			
PO5 Development does not impair the function of state significant aviation facilities by creating: (a) physical obstructions; or (b) electrical or electro-magnetic interference; or (c) deflection of signals.	AO5.1 Development within 'Airport environs: Zone B (600 metre buffer)' for the 'Saddle Mountain VHF' facility identified on Airport environs overlay map (OM-002a.1) does not exceed a height of 640 metres AHD.	✓	Complies - The proposed development will not achieve a height of 640 m AHD.
	AO5.2 Development within 'Airport environs: Zone B (4,000 metre buffer)' for the 'Hahn Tableland Radar (RSR)' facility identified on Airport environs overlay map (OM-002a) does not exceed a height of 950 metres AHD,	n/a	Not applicable.

Performance outcomes	Acceptable outcomes	Complies	Comments
	unless associated with Hann Tableland Radar facility.		
	AO5.3 Building work does not occur within 'Airport environs: Zone A (200 metre buffer)' of the 'Biboohra CVOR' facility identified on Airport environs overlay map (OM-002a) unless associated with the Biboohra CVOR facility.	n/a	Not applicable.
	AO5.4 Development within 'Airport environs: Zone B (1,500 metre buffer)' of the 'Biboohra CVOR' facility identified on Airport environs overlay map (OM-002a) , but outside 'Zone A (200 metre buffer)' identified on Airport environs overlay map (OM-002a) , does not include: <ul style="list-style-type: none"> (a) the creation of a permanent or temporary physical line of sight obstruction above 13 metres in height; or (b) overhead power lines exceeding 5 metres in height; or (c) metallic structures exceeding 7.5 metres in height; or (d) trees and open lattice towers exceeding 10 metres in height; or (e) wooden structures exceeding 13 metres in height. 	n/a	Not applicable.
For assessable development			
Mareeba Airport			
Protection of operational airspace			
PO6 Development within the vicinity of Mareeba Airport or an aerodrome does not interfere with the: <ul style="list-style-type: none"> (a) movement of aircraft; or (b) safe operation of the 	AO6.1 Development involving sporting and recreational aviation activities such as parachuting, hot air ballooning or hang gliding, does not occur within the Airport environs: OLS area of:	n/a	Not applicable.

Performance outcomes	Acceptable outcomes	Complies	Comments
airport or facility.	(a) Mareeba Airport identified on Airport environs overlay map (OM-002c) ; or (b) Cairns Airport identified on Airport environs overlay map (OM-002c.1) .		
	AO6.2 Development involving temporary or permanent aviation activities does not occur within the 'Airport environs: Airport buffer - 3 kilometres' of an aerodrome identified on Airport environs overlay map (OM-002f) .	n/a	Not applicable.
PO7 Development does not affect air turbulence, visibility or engine operation in the operational airspace of Mareeba Airport or regional aerodromes.	AO7 Development does not result in the emission of a gaseous plume, at a velocity exceeding 4.3 metres per second, or smoke, dust, ash or steam within: (a) the Airport environs: OLS area of Mareeba Airport identified on Airport environs overlay map (OM-002c) ; or (b) the Airport environs: OLS area of Cairns Airport identified on Airport environs overlay map (OM-002c.1) ; or (c) the 'Airport environs: Airport buffer - 1 kilometre' of a regional aerodrome identified on Airport environs overlay map (OM-002f) .	n/a	Not applicable.
Managing bird and bat strike hazard to aircraft			
PO8 Development in the environs of Mareeba Airport or an aerodrome does not contribute to the potentially serious hazard from wildlife (bird or bat) strike.	AO8.1 Development within the 'Airport environs: Distance from airport - 8 kilometres' Bird and bat strike zone of Mareeba Airport identified on Airport environs overlay	n/a	Not applicable.

Performance outcomes	Acceptable outcomes	Complies	Comments
	<p>map (OM-002b) or the 'Airport environs: Airport buffer - 3 kilometres' of an aerodrome identified on Airport environs overlay map (OM-002f) provides that potential food and waste sources are covered and collected so that they are not accessible to wildlife.</p>		
	<p>A08.2 Development within the 'Airport environs: Distance from airport - 3 kilometres' Bird and bat strike zone of Mareeba Airport identified on Airport environs overlay map (OM-002b) or the 'Airport environs: Airport buffer - 1 kilometre' of an aerodrome identified on Airport environs overlay map (OM-002f) does not include:</p> <ul style="list-style-type: none"> (a) food processing; or (b) abattoir; or (c) intensive horticulture; or (d) intensive animal husbandry; or (e) garden centre; or (f) aquaculture. 	n/a	Not applicable.
	<p>A08.3 Putrescible waste disposal sites do not occur within the 'Airport environs: Distance from airport - 13 kilometres' Bird and bat strike zone of:</p> <ul style="list-style-type: none"> (a) Mareeba Airport identified on Airport environs overlay map (OM-002b); or (b) Cairns Airport identified on Airport environs overlay map (OM-002b.1). 	n/a	Not applicable.

8.2.4 Environmental significance overlay code

8.2.4.1 Application

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

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

8.2.4.2 Purpose

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

The Environmental significance overlay code ensures that:

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

8.2.4.3 Criteria for assessment

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

Performance outcomes	Acceptable outcomes	Complies	Comments
For self-assessable and assessable development			
Regulated vegetation			
<p>PO1 Vegetation clearing in areas mapped as 'Regulated vegetation' identified on the Environmental Significance Overlay Maps (OM-004a-o) is avoided unless:</p> <ul style="list-style-type: none"> (a) it is demonstrated that the area does not support regulated vegetation as mapped; (b) the loss or reduction in regulated vegetation is for community infrastructure and associated access facilities that cannot be avoided; (c) wildlife interconnectivity is maintained or enhanced at a local and regional scale; and (d) the loss or reduction in regulated vegetation is minimised and any residual impacts are offset. <p>Note—A supporting Ecological Assessment Report is prepared in accordance with Planning Scheme Policy 2 – Ecological Assessment Reports.</p> <p>Note—Refer to Ecological corridors identified on SFM001-009 in consideration of wildlife connectivity at a regional scale.</p>	<p>AO1.1 No clearing of native vegetation is undertaken within areas of 'Regulated vegetation' identified on the Environmental Significance Overlay Maps (OM-004a-o).</p>	<p>✓ Complies with PO1</p>	<p>The proposed development will involve the clearing of a very small portion of mapped regulated vegetation at the southern end of the development footprint and is therefore non-compliant with AO1.1.</p> <p>In demonstrating compliance with higher order performance outcome PO1, it could be argued that the development is community infrastructure as it will provide an educational resource for pre-vocational training to help improve employment opportunities for Indigenous people in the Kuranda Locality. Furthermore, the minor clearing proposed is not likely to impact on the sites wildlife interconnectivity especially considering the amount of mature vegetation to be retained on site.</p> <p>It is considered that the proposed development can satisfy performance outcome PO1.</p>
<p>PO2 Development on sites adjacent to areas of 'Regulated vegetation' identified on the Environmental Significance Overlay Maps (OM-004a-o) protects the environmental significance of regulated vegetation and:</p>	<p>AO2 Development (excluding roads, earthworks, drainage infrastructure and underground infrastructure) is not located within 20 metres of 'Regulated vegetation' areas identified on the Environmental</p>	<p>✓ Complies with PO2</p>	<p>The proposed development will be sited within 20 metres of mapped regulated vegetation and is therefore non-compliant with AO2.</p> <p>As discussed above, the proposed development is unlikely to impact on the</p>

Performance outcomes	Acceptable outcomes	Complies	Comments
<p>(a) does not interrupt, interfere, alter or otherwise impact on underlying natural ecosystem processes such as water quality, hydrology, geomorphology and biophysical processes;</p> <p>(b) does not negatively impact the movement of wildlife at a local or regional scale; and</p> <p>(c) avoids noise, light, vibration or other edge affects, including weed and pest incursion on identified environmental values.</p> <p>Note—A supporting Ecological Assessment Report is prepared in accordance with Planning Scheme Policy 2 – Ecological Assessment Reports.</p> <p>Note—Refer to Ecological corridors identified on SFM001-009 in consideration of wildlife connectivity at a regional scale.</p>	<p>Significance Overlay Maps (OM-004a-o).</p>		<p>movement of wildlife at a local or regional scale. Conditions will be attached to any approval restricting the amount of clearing permitted on the site and to control the quantity and quality of stormwater discharged from the development.</p> <p>Although the uses proposed are likely to omit some level of light, vibration, noise and odour, considering the site is situated adjacent the Kuranda sewerage treatment plant, the Skyrail line and the Kuranda Railway line, which all omit various amounts of noise vibration and sometimes odour (sewerage treatment plant), the added impacts of the development on local wildlife are likely to be negligible.</p> <p>The proposed development is considered to comply with performance outcome PO2.</p>
Regulated vegetation intersecting a watercourse			
<p>PO3</p> <p>Vegetation clearing in areas mapped as 'Regulated vegetation intersecting a watercourse', identified as 'Waterway' and 'Waterway buffer' on the Environmental Significance - Waterway Overlay Maps (OM-004p-z) 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>Where within a 'Waterway buffer' on Environmental Significance - Waterway Overlay Maps (OM-004p-z)</p> <p>AO3.1</p> <p>A minimum setback in accordance with Table 8.2.4.3B is provided between development and the top of the high bank of a 'Waterway' identified on the Environmental Significance - Waterway Overlay Maps (OM-004p-z).</p>	✓	<p>Complies - The development will be setback in excess of 50 metres from the high bank of both the Barron River and Jumrum Creek.</p>

Performance outcomes	Acceptable outcomes	Complies	Comments
<p>Note—A supporting Ecological Assessment Report is prepared in accordance with Planning Scheme Policy 2 – Ecological Assessment Reports.</p> <p>Note—Refer to Ecological corridors identified on SFM001-009 in consideration of wildlife connectivity at a regional scale.</p>	<p>Where within a 'Waterway buffer' on Environmental Significance - Waterway Overlay Maps (OM-004p-z)</p> <p>AO3.2 No clearing of native vegetation is undertaken within the minimum setback identified at AO3.1.</p>	✓	Complies.
Waterways and wetlands			
<p>PO4 'High ecological significance wetlands' identified on the Environmental Significance Overlay Maps (OM-004a-o) and 'Waterways' on Environmental Significance - Waterway Overlay Maps (OM-004p-z) 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</p>	<p>Where within a 'Waterway buffer' on Environmental Significance - Waterway Overlay Maps (OM-004p-z)</p> <p>AO4.1 A minimum setback in accordance with Table 8.2.4.3B is provided between development and the top of the high bank of a 'Waterway' identified on the Environmental Significance - Waterway Overlay Maps (OM-004p-z).</p>	✓	Complies - The development will be setback in excess of 50 metres from the high bank of both the Barron River and Jumrum Creek.
	<p>Where within a 'High ecological significance wetland buffer' on Environmental Significance Overlay Maps (OM-004a-o)</p> <p>AO4.2 A minimum buffer of 200 metres is provided between development and the edge of a 'High ecological significance wetland' identified on the Environmental Significance Overlay Maps (OM-004a-o).</p>	n/a	Not applicable.

Performance outcomes	Acceptable outcomes	Complies	Comments
<p>(e) filtering of sediments, nutrients and other pollutants; and 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>Where within a 'Waterway buffer' on Environmental Significance - Waterway Overlay Maps (OM-004p-z) or 'High ecological significance wetland buffer' on Environmental Significance Overlay Maps (OM-004a-o) AO4.3</p> <p>No stormwater is discharged to a 'Waterway' on Environmental Significance - Waterway Overlay Maps (OM-004p-z) or 'High ecological significance wetland' identified on the Environmental Significance Overlay Maps (OM-004a-o).</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>	✓	Can be conditioned to comply.

Performance outcomes	Acceptable outcomes	Complies	Comments
	<p>Where within a 'Waterway buffer' on Environmental Significance - Waterway Overlay Maps (OM-004p-z) or 'High ecological significance wetland buffer' on Environmental Significance Overlay Maps (OM-004a-o) AO4.4</p> <p>No wastewater is discharged to a 'Waterway' on Environmental Significance - Waterway Overlay Maps (OM-004p-z) or 'High ecological significance wetland' identified on the Environmental Significance Overlay Map (OM-004a-z).</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>	✓	Can be conditioned to comply.
For assessable development			
Wildlife Habitat			
<p>PO5</p> <p>Development within a 'Wildlife habitat' area identified on the Environmental Significance Overlay Maps (OM-004a-o):</p> <p>(a) protects and enhances the habitat of Endangered, Vulnerable and Near Threatened (EVNT) species and local species of significance;</p> <p>(b) incorporates siting and design measures to protect and retain identified ecological values and underlying ecosystem processes within or adjacent to the development site;</p> <p>(c) maintains or enhances wildlife interconnectivity</p>	<p>AO5</p> <p>No acceptable outcome is provided</p>	n/a	Not applicable - The proposed development is not situated in close proximity to any mapped 'wildlife habitat' areas.

Performance outcomes	Acceptable outcomes	Complies	Comments
<p>(d) at a local and regional scale; and 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).</p> <p>Note—Development applications must identify any EVNT species or their habitats that may be affected by the proposal. In particular, applications are to identify and describe how the development avoids adverse impacts on ecological processes within or adjacent to the development area.</p> <p>Note—A supporting Ecological Assessment Report is prepared in accordance with Planning Scheme Policy 2 – Ecological Assessment Reports.</p> <p>Note—Refer to Ecological corridors identified on SFM001-009 in consideration of wildlife connectivity at a regional scale.</p>			
Legally secured offset areas			
<p>PO6 Development within a 'Legally secured offset area' identified on the Environmental Significance Overlay Maps (OM-004a-o) 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</p>	<p>AO6 No acceptable outcome is provided.</p>	n/a	Not applicable.

Performance outcomes	Acceptable outcomes	Complies	Comments
accordance with Planning Scheme Policy 2 – Ecological Assessment Reports.			
Protected areas			
<p>P07</p> <p>Development within a 'Protected area' identified on the Environmental Significance Overlay Maps (OM-004a-o) is consistent with the values of the Protected Area and:</p> <ul style="list-style-type: none"> (a) supports the inherent ecological and community values of the Protected Area asset; (b) maintains or enhances wildlife interconnectivity at a local and regional scale; and (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. <p>Note—A supporting Ecological Assessment Report is prepared in accordance with Planning Scheme Policy 2 – Ecological Assessment Reports.</p>	<p>A07</p> <p>No acceptable outcome is provided</p>	n/a	Not applicable.

Table 8.2.4.3B - Setback and buffer distances from waterways

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

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

8.2.6 Flood hazard overlay code

8.2.6.1 Application

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

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

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

8.2.6.2 Purpose

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

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

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

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

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

8.2.6.3 Criteria for assessment

Table 8.2.6.3A - Flood hazard overlay code - For self-assessable and assessable development

Performance outcomes	Acceptable outcomes	Complies	Comments
For self-assessable and assessable development			
All flood hazard areas			
PO1 Development prevents the carriage or dispersal of contaminants or pollutants into the receiving environment.	AO1 The processing or storage of dangerous goods or hazardous materials is: (a) not undertaken in a flood hazard area identified on the Flood hazard overlay maps (OM-006a-o) ; or (b) is located above the defined flood level plus 0.3 metre freeboard.	n/a	Although the site is mapped as containing low, high, significant and extreme flood hazard areas, the proposed development will be sited outside all of these mapped areas.
PO2 Essential community infrastructure is able to function effectively during and immediately after flood events.	AO2 Design levels for buildings must comply with the flood immunity standards specified in Table 8.2.6.3.B and Table 8.2.6.3.C where within a flood hazard area identified on the Flood hazard overlay maps (OM-006a-o) .	✓	Complies - see AO1 above. The proposed development will be sited outside any mapped flood hazard area.
Extreme flood hazard area			
PO3 Development, where involving a Material change of use within an 'Extreme flood hazard area' on the Flood hazard overlay maps (OM006a-o) , 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;	AO3.1 Uses within the following activity groups are not located within an 'Extreme flood hazard area identified' on the Flood hazard overlay maps (OM006a-o) : (a) Accommodation activities; (b) Commercial activities; (c) Community activities except where for a Club with a maximum gross floor area of 100m ² ; (d) Industrial activities; (e) Rural activities, except where for Animal husbandry, Cropping, or Permanent	n/a	Not applicable - The proposed development will be sited outside any mapped extreme flood hazard area.

Performance outcomes	Acceptable outcomes	Complies	Comments
(d) associated consequences of flooding in regard to impacts on proposed buildings, structures, and supporting infrastructure; and (e) associated consequences of flooding in respect to undue burden on disaster response recovery capacity and capabilities.	plantation.		
	AO3.2 Sport and recreation activities are not located within an 'Extreme flood hazard area' identified on the Flood hazard overlay maps (OM006a-o) 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).	n/a	Not applicable - The proposed development will be sited outside any mapped extreme flood hazard area.
PO4 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;	AO4.1 Buildings, including extensions to existing buildings, are: (a) not located within an 'Extreme flood hazard area' identified on the Flood hazard overlay maps (OM006a-o) ; 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.	n/a	Not applicable - The proposed development will be sited outside any mapped extreme flood hazard area.
	AO4.2 All building work must be high set and retains the flood storage and conveyance capacity of the premises.	n/a	Not applicable - The proposed development will be sited outside any mapped extreme flood hazard area.

Performance outcomes	Acceptable outcomes	Complies	Comments
<p>(e) reduce property damage; and</p> <p>(f) provide flood immune access to buildings.</p> <p>Note—Buildings may be constructed from flood resistant, waterproof materials below the defined flood level where certified by a qualified structural engineer to be flood proof (including the ability to withstand damage from floodwater and debris) and where an alternative outcome to AO4.1-AO4.4 is also demonstrated.</p> <p>Note—In the event that a lawful building or structure is destroyed by flood or other event the building may be replaced in situ where there is no increase in:</p> <ol style="list-style-type: none"> gross floor area; or the number of dwellings or bedrooms on the premises. 	<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>AO4.3</p> <p>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 Flood hazard overlay maps (OM006a-o).</p>	n/a	Not applicable - The proposed development will be sited outside any mapped extreme flood hazard area.
	<p>AO4.4</p> <p>Development does not increase the number of lots in the 'Extreme flood hazard area' identified on the Flood hazard overlay maps (OM006a-o) except where for the purposes of public open space.</p>	n/a	Not applicable - The proposed development will be sited outside any mapped extreme flood hazard area.
<p>PO5</p> <p>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> <ol style="list-style-type: none"> flood storage capacity of land; flood conveyance function of land; flood and drainage channels; overland flow paths; and flood warning times. 	<p>AO5</p> <p>Filling above ground level is not undertaken in the 'Extreme flood hazard area' identified on the Flood hazard overlay maps (OM006a-o).</p>	n/a	Not applicable - The proposed development will be sited outside any mapped extreme flood hazard area.
High flood hazard area			

Performance outcomes	Acceptable outcomes	Complies	Comments
<p>PO6 Development, where for a Material change of use within a 'High flood hazard area' identified on the Flood hazard overlay maps (OM-006a-o), is appropriate to the flood hazard risk having regard to the:</p> <p>(a) likelihood and frequency of flooding;</p> <p>(b) flood risk acceptability of development;</p> <p>(c) vulnerability of and safety risk to persons associated with the use;</p> <p>(d) associated consequences of flooding in regard to impacts on proposed buildings, structures and supporting infrastructure; and</p> <p>(e) associated consequences of flooding in respect to undue burden on disaster response recovery capacity and capabilities.</p>	<p>AO6.1 Uses within the following activity groups are not located within a 'High flood hazard area' identified on the Flood hazard overlay maps (OM006a-o):</p> <p>(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;</p> <p>(b) Community activities except where for a Club with a maximum gross floor area of 100m²;</p> <p>(c) Rural activities, except where for Animal husbandry, Cropping or Permanent plantation.</p>	n/a	Not applicable - The proposed development will be sited outside any mapped high flood hazard area.
	<p>AO6.2 Sport and recreation activities are not located within a 'High flood hazard area' identified on the Flood hazard overlay maps (OM006a-o) except where for:</p> <p>(a) Environment facility;</p> <p>(b) Park; or</p> <p>(c) Outdoor sport and recreation (excluding the provision of ancillary facilities or amenities conducted within a building).</p>	n/a	Not applicable - The proposed development will be sited outside any mapped high flood hazard area.
<p>PO7 Development is located and designed to:</p> <p>(a) maintain</p>	<p>AO7.1 Buildings, including extensions to existing buildings are:</p>	n/a	Not applicable - The proposed development will be sited outside any

Performance outcomes	Acceptable outcomes	Complies	Comments
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. 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.	(a) not located within the 'High flood hazard area' identified on the Flood hazard overlay maps (OM006a-o) ; 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 AO7.2 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. Note—AO8.2 accepts that the cost of flood impact is an operational cost of the Commercial activity or Industrial activity. 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.		mapped high flood hazard area.
	AO7.3 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.	n/a	Not applicable - The proposed development will be sited outside any mapped high flood hazard area.
	AO7.4 New buildings are provided with flood free pedestrian and vehicle evacuation access between the building and a flood safe accessible road.	n/a	Not applicable - The proposed development will be sited outside any mapped high flood hazard area.

Performance outcomes	Acceptable outcomes	Complies	Comments
	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 Flood hazard overlay maps (OM006a-o) .		
	AO7.5 New temporary, relocatable or impermanent buildings and structures are to be anchored with the ability to withstand transportation by floodwater. Note—Building work must be certified by a qualified structural engineer.	n/a	Not applicable - The proposed development will be sited outside any mapped high flood hazard area.
	AO7.6 Dwellings do not exceed four bedrooms.	n/a	Not applicable
	AO7.7 Building work on an existing dwelling does not comprise additional bedrooms.	n/a	Not applicable
	AO7.8 Building work on an existing dwelling is limited to a maximum increase of 20 percent of the lawfully approved gross floor area of the existing dwelling.	n/a	Not applicable
	AO7.9 Development does not increase the number of lots in the 'High flood hazard area; as identified on the Flood hazard overlay maps (OM006a-o) except where for the purposes of public open space.	n/a	Not applicable
PO8 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:	AO8 Filling above ground level is not undertaken in the 'High flood hazard area' identified on the Flood hazard overlay maps (OM006a-o) .	n/a	Not applicable

Performance outcomes	Acceptable outcomes	Complies	Comments
(a) flood storage capacity of land; (b) flood conveyance function of land; (c) flood and drainage channels; (d) overland flow paths; and (e) flood warning times.			
Significant flood hazard area			
PO9 Development, involving a Material change of use, within a 'Significant flood hazard area' on the Flood hazard overlay maps (OM006a-o) 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 (e) associated consequences of flooding in respect to undue burden on disaster response recovery capacity and capabilities.	AO9 The following uses are not located within a 'Significant flood hazard area' identified on the Flood hazard overlay maps (OM006a-o) : (a) Residential care facility; (b) Retirement facility; (c) Child care centre; (d) Hospital; or (e) Community use.	n/a	Not applicable - The proposed development will be sited outside any mapped significant flood hazard area.
Significant flood hazard area, Low flood hazard area or Potential flood hazard area			

Performance outcomes	Acceptable outcomes	Complies	Comments
<p>PO10 Development, where involving a Material change of use or Building work, is located and designed to:</p> <ul style="list-style-type: none"> (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 a 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>Note—Where the development is located in a 'Potential flood hazard area' identified on the Flood hazard overlay maps (OM006a-o) 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>AO10.1 Buildings, including extensions to existing buildings are:</p> <ul style="list-style-type: none"> (a) elevated above the defined flood level; and (b) the defined flood event does not exceed a depth of 600mm; and (c) elevated above the defined flood level plus 0.3 metres freeboard where for habitable rooms within a dwelling. <p>OR</p>	n/a	Although the site is mapped as containing low, high, significant and extreme flood hazard areas, the proposed development will be sited outside all of these mapped areas.
	<p>AO10.2 Buildings used for Commercial activities or Industrial activities include a minimum floor level of 0.3 metres above the defined flood where for the following components of the use:</p> <ul style="list-style-type: none"> (a) administrative areas; or (b) services, plant and equipment associated with the building. <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	Although the site is mapped as containing low, high, significant and extreme flood hazard areas, the proposed development will be sited outside all of these mapped areas.
	<p>AO10.3 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	Although the site is mapped as containing low, high, significant and extreme flood hazard areas, the proposed development will be sited outside all of these mapped areas.

Performance outcomes	Acceptable outcomes	Complies	Comments
P011 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: <ul style="list-style-type: none"> (a) flood storage capacity of land; (b) flood conveyance function of land; (c) flood and drainage channels; (d) overland flow paths; and (e) flood warning times. 	A011 Development does not involve in excess of 50m ³ of fill above ground level per 1,000m ² of site area.	n/a	Not applicable - No earthworks are proposed within a flood hazard area.
For assessable development			
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.			
P012 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: <ul style="list-style-type: none"> (a) indicates the position and path of all safe evacuation routes off the site; and (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. 	A012 No acceptable outcome is provided.	n/a	Not applicable - The proposed development will be sited outside any mapped extreme, high and significant flood hazard areas.
Note—A Material change of use or			

Performance outcomes	Acceptable outcomes	Complies	Comments
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 Flood hazard overlay map (OM006a-o) 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.			
Significant flood hazard area, Low flood hazard area or Potential flood hazard area			
<p>PO13 Development, where involving Reconfiguring a lot, is located and designed to:</p> <ul style="list-style-type: none"> (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 a 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>Note—Where the development is located in a 'Potential flood hazard area' identified on the Flood hazard overlay maps (OM006a-o) and there is no defined flood level a hydraulic (flood hazard assessment) report prepared by a RPEQ is required in substantiation of an</p>	<p>AO13 No acceptable outcome is provided.</p>	n/a	Not applicable

Performance outcomes	Acceptable outcomes	Complies	Comments
alternative outcome is required or the defined flood level from the adjacent representative hazard zone is used.			

8.2.8 Hill and slope overlay code

8.2.8.1 Application

- (1) This code applies to assessing development where:
 - (a) land the subject of development is located within a 'Hill and slope area' identified on the **Hill and slope overlay maps (OM-008a-o)**; and
 - (b) it is identified in the assessment criteria column of an assessment table in Part 5 of the planning scheme.

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

8.2.8.2 Purpose

- (1) The purpose of the Hill and slope overlay code is to ensure the ongoing stability of land within a hill and slope area to prevent risk to people or property.
- (2) The purpose of the code will be achieved through the following overall outcomes:
 - (a) Development is located to avoid sloping land where practical; and
 - (b) Development on sloping land maintains slope stability and does not increase the potential for erosion or landslide.

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
For assessable development			
Slope stability			
PO1 Where clearing of vegetation, building work or filling or excavation occurs on land within a 'Hill and slope area' identified on the Hill and slope overlay maps (OM-008a-o) , a geotechnical report is prepared in accordance with Planning Scheme Policy 5 - Preparation of Geotechnical Reports that demonstrates: <ol style="list-style-type: none">(a) the long term stability of the development site;(b) development will not be adversely affected by landslide activity originating on sloping land above the development site; and(c) development will not adversely affect other property outside the	AO1 No acceptable outcome is provided.	n/a	Not applicable - The proposed development will not involve any building work or vegetation clearing on any areas of the site mapped as 'hill and slope areas'.

Performance outcomes	Acceptable outcomes	Complies	Comment
development site through landslide activity or alterations to surface or groundwater.			
PO2 Development is designed and located to ensure that the use can appropriately function in the 'Hill and slope area' identified on the Hill and slope overlay maps (OM-008a-o) having regard to: (a) the nature and scale of the proposed use; (b) the gradient of the land; (c) the extent of land disturbance proposed; (d) stormwater discharge and its potential for erosion.	AO2.1 Development for a Child care centre or Educational establishment is not located on land in a 'Hill and slope area' identified on the Hill and slope overlay maps (OM-008a-o) .	n/a	Not applicable
	AO2.2 Development is not located on land with a gradient of greater than 25%.	✓	Complies.
	AO2.3 No lot less than 2,000m ² is created in a 'Hill and slope area' identified on the Hill and slope overlay maps (OM-008a-o) . Note – Where a minimum lot size of less than 2,000m ² applies under the Reconfiguring a lot code, the lot size requirements of the Hill and slope overlay code prevail.	n/a	Not applicable
Community infrastructure and essential services			
PO3 Community infrastructure and essential services located within a 'Hill and slope area' identified on the Hill and slope overlay maps (OM-008a-o) are able to function	AO3 No acceptable outcome is provided.	n/a	Not applicable

Performance outcomes	Acceptable outcomes	Complies	Comment
effectively during and immediately after landslide events.			

8.2.11 Transport infrastructure overlay code

8.2.11.1 Application

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

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

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

8.2.11.2 Purpose

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

8.2.11.3 Criteria for assessment

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

Performance outcomes	Acceptable outcomes	Complies	Comments
For self-assessable and assessable development			
PO1 Development does prejudice the: (a) ongoing operation of an active 'Rail corridor' identified on the Transport infrastructure overlay maps (OM-011a-j) ; or (b) the potential future use of an inactive 'Rail corridor' identified on the Transport infrastructure	AO1 Buildings and structures are setback from a boundary with an active or inactive 'Rail corridor' identified on the Transport infrastructure overlay maps (OM-011a-j) a minimum of: (a) 40 metres where: (i) in the Rural zone; and (ii) on a site with an area of 2 hectares or greater; or (b) 5 metres otherwise.	✓	Complies - the proposed development will be set back well in excess of 5 metres from the nearby Kuranda rail line.

Performance outcomes	Acceptable outcomes	Complies	Comments
overlay maps (OM-011a-j).			
For assessable development			
PO2 Non-residential development adjoining a rail corridor identified on the Transport infrastructure overlay maps (OM-011a-j) is designed to allow for the future use of the 'Rail corridor' by the land use.	AO2 No acceptable outcome is provided	✓	Complies - the proposed development will not affect the future use of the Kuranda rail branch.
PO3 Development adjoining a 'Rail corridor' identified on the Transport infrastructure overlay maps (OM-011a-j) used for the transportation of tourists is designed to: <ul style="list-style-type: none"> (a) provide visual interest; (b) screen or enhance areas of limited visual interest; and (c) complement and enhance the character of the shire. 	AO3 No acceptable outcome is provided	✓	Complies - The proposed development will be effectively screened from view from Kuranda Rail users by a combination of topography (railway is lower than the site) and existing mature vegetation which is proposed to be retained. The development does not compromise PO3.

9.3.3 Community activities code

9.3.3.1 Application

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

9.3.3.2 Purpose

- (1) The purpose of the Community activities code is to ensure Community activities that are appropriately designed and located to:
 - (a) be conveniently accessible to the communities they serve; and
 - (b) not detrimentally impact on local amenity.
- (2) The purpose of the code will be achieved through the following overall outcomes:
 - (a) Community activities do not have an adverse impact on the amenity of the surrounding area;
 - (b) Community activities establish in appropriate locations that are highly accessible;
 - (c) Community activities are located with other community activities when the opportunity to achieve practical co-location of facilities exists;
 - (d) Community activities are designed to be accessible, functional and safe;
 - (e) Community activities are compatible and integrated with surrounding land uses; and
 - (f) Community activities enhance community identity and character.

9.3.3.3 Criteria for assessment

Table 9.3.3.3—Community activities code - For self-assessable and assessable development

Performance outcomes	Acceptable outcomes	Complies	Comments
For self-assessable and assessable development			
Amenity and privacy			
PO1 Community activities are appropriately located and designed to avoid adverse impacts on sensitive uses related to: <ol style="list-style-type: none"> (a) noise; (b) lighting; and (c) overlooking. Note—These provisions apply to any adjoining sensitive use, both on an adjoining site and on the same site as the Community activity.	AO1 Along any common boundary with a sensitive land use, development incorporates: <ol style="list-style-type: none"> (a) a 1.8 metre high solid screen fence; and (b) screening to windows which: <ol style="list-style-type: none"> (i) face the boundary; (ii) have a sill height less than 1.5 metres; and (iii) are not wholly screened by the boundary fence. 	n/a	Not applicable - The subject site is not adjoined by any sensitive land uses. Boundary treatments are not considered necessary.
If for Educational establishment or Child care centre			
PO2	AO2	✓	Complies.

Performance outcomes	Acceptable outcomes	Complies	Comments
Development is located on a site that is capable of accommodating: (a) all facilities necessary for the use; (b) required landscaping and buffering; and (c) appropriately designed access, manoeuvring and parking areas.	The development is located on a site with a minimum: (a) site area of 800m ² ; (b) road frontage of 20 metres; and (c) road reserve width of 20 metres.		
PO3 The design of the development does not result in any safety hazard for children or other users of the facility.	AO3 A child proof fence or physical barrier is provided to prevent unintended access to the following areas, directly from indoor or outdoor areas intended to accommodate children: (a) Vehicle manoeuvring and parking areas; (b) Refuse storage and servicing areas; and (c) Air conditioning, refrigeration plant and mechanical plant.	n/a	The requirement for child proof fencing is not considered necessary given the development will provide pre-vocational training for older youths.
For assessable development			
Location			
AO4 Development is compatible with the amenity of the surrounding area, having regard to: (a) the location and type of vehicular access and parking; (b) hours of operation; (c) waste storage and collection; (d) advertising devices and signage; (e) visual amenity; (f) privacy; and (g) noise, odour and dust emissions.	AO4 No acceptable outcome is provided.	✓	Complies - The development is considered to be compatible with the amenity of the surrounding area which does not contain any sensitive land uses.
PO5 Community activities are highly accessible to the community they serve and	AO5.1 Community activities are not located in a cul-de-sac.	✓	Complies - Technically speaking, the subject site is not situated in a cul-de-sac, however is situated toward the very

Performance outcomes	Acceptable outcomes	Complies	Comments
are located to encourage multi-purpose trips.			end of Arara Street, the site is highly accessible to the public and will encourage multi-purpose trips. Notwithstanding this, the development is for a pre-vocational training of older children and is not likely to facilitate walk in users.
	AO5.2 Development is located: (a) within 800 metres walking distance of the Centre zone; or (b) within 400 metres walking distance of a public transport stop; or (c) provided with a connection to the pedestrian and cycle network.	✓	Complies.
Amenity and privacy			
PO6 Community activities protect and enhance the character and amenity of the locality and streetscape through the appropriate location and screening of: (a) air conditioning; (b) refrigeration plant; (c) mechanical plant; and (d) refuse bin storage areas.	AO6 No acceptable outcome is provided.	✓	Complies - The site is removed from any adjoining sensitive land uses and the development is effectively screened from all boundaries and Arara Street users by existing mature vegetation. The development is unlikely to impact on the amenity of the surrounding locality.
If for Educational establishment or Child care centre			
PO7 Educational establishments and Child care centres: (a) do not detrimentally impact on the amenity or operations of surrounding land uses; and (b) have suitable separation distances	AO7 No acceptable outcome is provided.	✓	Complies - The site is removed from any adjoining sensitive land uses and the development is effectively screened from all boundaries and Arara Street users by existing mature vegetation. The development is unlikely

Performance outcomes	Acceptable outcomes	Complies	Comments
and buffering from sensitive uses.			to impact on the amenity of the surrounding locality.

9.3.5 Industrial activities code

9.3.5.1 Application

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

9.3.5.2 Purpose

- (1) The purpose of the Industrial activities code is to ensure Industrial activities are:
 - (a) appropriately located within designated industrial areas;
 - (b) established and operated in an efficient manner with minimal impact on the character, scale, amenity and environmental values of the surrounding area; and
 - (c) managed to allow for progressive rehabilitation where involving Extractive industry.
- (2) The purpose of the code will be achieved through the following overall outcomes:
 - (a) Industrial activities are appropriately located having regard to topography, surrounding land uses, natural environment, accessibility, local character and potential social and community impacts;
 - (b) Industrial activities meet the needs of the local community and the local economy through well located, safe and convenient points of service;
 - (c) Industrial activities are designed to have minimal impact on the character, amenity and environment of the surrounding area;
 - (d) Industrial activities provide a safe working environment;
 - (e) Industrial activities are designed to promote sustainability and energy efficiency;
 - (f) Industrial activities are co-located with complimentary and compatible uses;
 - (g) External impacts associated with Extractive industry operations do not impact on the character and amenity of the surrounding area and the safety and wellbeing of the community;
 - (h) Extractive industry operations are adequately separated from potentially incompatible land uses; and
 - (i) Extractive industry sites are progressively rehabilitated.

9.3.5.3 Criteria for assessment

Table 9.3.5.3—Industrial activities code– For self-assessable and assessable development

Performance outcomes	Acceptable outcomes	Complies	Comments
For self-assessable and assessable development			
Separation			
PO1 Industrial activities are appropriately separated from sensitive uses to ensure their amenity is maintained, having regard to: (a) noise; (b) odour; (c) light; and (d) emissions. Note—Development proposed to be located closer than the separation distances specified in AO2 requires supporting investigations to demonstrate that the expected impacts from the industry use have been adequately mitigated in consideration of the local context.	AO1 Development is separated from sensitive uses as follows: (a) medium impact industry—250 metres; or (b) high impact industry—500 metres; or (c) special industry— 1.5 kilometres.	✓	Complies - the proposed use is considered to be a low impact industry and is removed from any adjoining sensitive land uses.
For assessable development			
Amenity			
PO2 Industrial activities protect and enhance the character and amenity of the locality and streetscape through the appropriate location and screening of: (a) air conditioning; (b) refrigeration plant; (c) mechanical plant; and (d) refuse bin storage areas.	AO2 No acceptable outcome is provided.	✓	Complies - The site is removed from any adjoining sensitive land uses and the development is effectively screened from all boundaries and Arara Street users by existing mature vegetation. The development is unlikely to impact on the amenity of the surrounding locality.
If for Extractive industry			
PO3 The site has sufficient area and dimensions to safely accommodate: (a) the extractive use; (b) vehicular access and on site vehicular movements;	AO3 No acceptable outcome is provided.	n/a	Not applicable - The proposed development does not include an extractive industry use.

Performance outcomes	Acceptable outcomes	Complies	Comments
(c) buildings including staff facilities; (d) parking areas for visitors and employees; (e) storage areas and stockpiles; (f) any environmentally significant land; and (g) landscaping and buffer areas. Note—Refer to Planning Scheme Policy 3 - Extractive Industry.			
P04 Extractive industry is established and operated in a way that does not impact on public safety.	A04 Safety fencing is provided for the full length of the perimeter of the site and is appropriately signed with warning signs advising of the nature of the use and any danger or hazard.	n/a	Not applicable - The proposed development does not include an extractive industry use.
P05 Extractive industry is appropriately located to adequately mitigate visual, noise, vibration and dust impacts on sensitive uses.	A05 All aspects of the Extractive industry are setback from all boundaries: (a) 200 metres where not involving blasting or crushing; and (b) 1,000 metres for where involving blasting or crushing. Note—Refer to Planning Scheme Policy 3 - Extractive Industry.	n/a	Not applicable - The proposed development does not include an extractive industry use.
P06 The Extractive industry is designed and managed to appropriately address its interface with the natural environment and landscape, having regard to: (a) water quality; (b) existing vegetation; and (c) declared plants.	A06.1 The Extractive industry does not cause a reduction in the quality of ground water or receiving surface waters.	n/a	Not applicable - The proposed development does not include an extractive industry use.
	A06.2 Vegetation is retained on site that contributes towards alleviating the impact of the development on the visual amenity of surrounding sensitive land uses.	n/a	Not applicable - The proposed development does not include an extractive industry use.
	A06.3	n/a	Not applicable - The

Performance outcomes	Acceptable outcomes	Complies	Comments
	No declared plants are transported from the site.		proposed development does not include an extractive industry use.
PO7 Extractive industry actively integrates rehabilitation into the ongoing operations on the site to progressively restore the site to its original (or an improved) condition, having regard to matters of: (a) locally prevalent plant species; (b) plant spacing; (c) local climatic conditions; (d) locations of waterways and wetlands; (e) ongoing maintenance; (f) potential habitat opportunities; (g) erosion and sediment control; and (h) fencing. Note—A revegetation plan must be prepared by a suitably experienced person in the field of natural area revegetation and rehabilitation, at a standard acceptable to Council, which addresses the items identified in Performance Outcome PO7.	A07 No acceptable outcome is provided.	n/a	Not applicable - The proposed development does not include an extractive industry use.

9.4.2 Landscaping code

9.4.2.1 Application

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

9.4.2.2 Purpose

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

9.4.2.3 Criteria for assessment

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

Performance outcomes	Acceptable outcomes	Complies	Comments
For self-assessable and assessable development			
PO1 Development, other than in the Rural zone, includes landscaping that: <ul style="list-style-type: none"> (a) contributes to the landscape character of the Shire; (b) compliments the character of the immediate surrounds; (c) provides an appropriate balance between built and natural elements; and (d) provides a source of visual interest. 	AO1 Development, other than in the Rural zone, provides: <ul style="list-style-type: none"> (a) a minimum of 10% of the site as landscaping; (b) planting in accordance with Planning Scheme Policy 6 - Landscaping and preferred plant species; (c) for the integration of retained significant vegetation into landscaping areas; (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. <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	The proposed development is effectively screened from view from adjoining properties and Arara Street users by existing mature vegetation. Additional landscaping is not considered necessary in this instance.
PO2 Development, other than in the Rural zone, includes landscaping along site frontages that: <ul style="list-style-type: none"> (a) creates an attractive streetscape; (b) compliments the character of the immediate surrounds; (c) assists to break up and soften elements of built form; (d) screen areas of limited visual interest or servicing; 	AO2 Development, other than in the Rural zone, includes a landscape strip along any site frontage: <ul style="list-style-type: none"> (a) with a minimum width of 2 metres where adjoining a car parking area; (b) with a minimum width of 1.5 metres in all other locations; and (c) in accordance with Planning Scheme Policy 6 - Landscaping and preferred plant species. 	n/a	Not applicable - Additional landscaping is not considered necessary - see AO1.

Performance outcomes	Acceptable outcomes	Complies	Comments
(e) provide shade for pedestrians; and (f) includes a range and variety of planting.	Note—Where development is setback from a frontage less than 1.5 metres, the setback area is provided as a landscape strip		
PO3 Development includes landscaping and fencing along side and rear boundaries that: (a) screens and buffer land uses; (b) assists to break up and soften elements of built form; (c) screens areas of limited visual interest; (d) preserves the amenity of sensitive land uses; and (e) includes a range and variety of planting.	AO3.1 Development provides landscape treatments along side and rear boundaries in accordance with Table 9.4.2.3B .	n/a	Not applicable - Additional landscaping is not considered necessary - see AO1.
	AO3.2 Shrubs and trees provided in landscape strips along side and rear boundaries: (a) are planted at a maximum spacing of 1 metre; (b) will grow to a height of at least 2 metres; (c) will grow to form a screen of no less than 2 metres in height; and (d) are mulched to a minimum depth of 0.1 metres with organic mulch.	n/a	Not applicable - Additional landscaping is not considered necessary - see AO1.
	AO3.3 Any landscape strip provided along a side or rear boundary is designed in accordance with Planning Scheme Policy 6 - Landscaping and preferred plant species.	n/a	Not applicable - Additional landscaping is not considered necessary - see AO1.
PO4 Car parking areas are improved with a variety of landscaping that:	AO4.1 Landscaping is provided in car parking areas which provides:	n/a	Not applicable - Additional landscaping is not considered necessary. Existing mature vegetation

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

Performance outcomes	Acceptable outcomes	Complies	Comments
invasive plants or weeds.			
PO6 Landscaping does not impact on the ongoing provision of infrastructure and services to the Shire.	AO6.1 Tree planting is a minimum of (a) 2 metres from any underground water, sewer, gas, electricity or telecommunications infrastructure; and (b) 4 metres from any inspection chamber.	n/a	Not applicable.
	AO6.2 Vegetation below or within 4 metres of overhead electricity lines and power poles has a maximum height of 3.5 metres at maturity.	✓	Can be conditioned for existing vegetation.
	AO6.3 Vegetation adjoining an electricity substation boundary, at maturity, will have: (a) a height of less than 4 metres; and (b) no foliage within 3 metres of the substation boundary, unless the substation has a solid wall along any boundary.	n/a	Not applicable.
For assessable development			
PO7 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	AO7 No acceptable outcome is provided.	n/a	Not applicable.

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

Table 9.4.2.3B—Side and rear boundary landscape treatments

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

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

9.4.3 Parking and access code

9.4.3.1 Application

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

9.4.3.2 Purpose

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

9.4.3.3 Criteria for assessment

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

Performance outcomes	Acceptable outcomes	Complies	Comments
For self-assessable and assessable development			
Car parking spaces			
PO1 Development provides sufficient car parking to accommodate the demand likely to be generated by the use, having regard to the: <ol style="list-style-type: none"> (a) nature of the use; (b) location of the site; (c) proximity of the use to public transport services; (d) availability of active transport infrastructure; and (e) accessibility of the use to all members of the community. 	AO1 The number of car parking spaces provided for the use is in accordance with Table 9.4.3.3B . Note—Car parking spaces provided for persons with a disability are to be considered in determining compliance with AO1.	✓ Complies with PO1	The proposed development is for a pre-vocational training facility for older youths. The applicants have applied for a number of land uses to cover the intended training activities which will include but will not be limited to construction/fabrication, mechanical work and administration. Although multiple land uses are proposed, these uses will primarily be carried out

Performance outcomes	Acceptable outcomes	Complies	Comments
			<p>collectively on site and will not operate exclusive of each other. As such, the 13 car parking spaces provided are considered adequate to accommodate the demand likely to be generated by the use. Bicycle parking has also been conditioned as it is anticipated that some youths using the facility will travel by bicycle.</p> <p>The proposed development is considered to comply with PO1.</p>

Performance outcomes	Acceptable outcomes	Complies	Comments
Vehicle crossovers			
PO2 Vehicle crossovers are provided to:: (a) ensure safe and efficient access between the road and premises; (b) minimize interference with the function and operation of roads; and (c) minimise pedestrian to vehicle conflict.	AO2.1 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.	✓	Will be conditioned to comply.
	AO2.2 Development on a site with two or more road frontages provides vehicular access from: (a) the primary frontage where involving Community activities or Sport and recreation activities, unless the primary road frontage is a State-controlled road; or (b) from the lowest order road in all other instances.	n/a	Not applicable.
	AO2.3 Vehicular access for particular uses is provided in accordance with Table 9.4.3.3E .	✓	Can be conditioned to comply.
PO3 Access, manoeuvring and car parking areas include appropriate pavement treatments having regard to: (a) the intensity of anticipated vehicle movements; (b) the nature of the use that they service; and (c) the character of the surrounding locality.	AO3 Access, manoeuvring and car parking areas include pavements that are constructed in accordance with Table 9.4.3.3C .	✓	Can be conditioned to comply - Table 9.4.3.3C requires a 150mm thick compacted gravel standard.
For assessable development			

Performance outcomes	Acceptable outcomes	Complies	Comments
Parking area location and design			
PO4 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.	AO4.1 Car parking spaces, access and circulation areas have dimensions in accordance with AS/NZS 2890.1 Off-street car parking.	✓	Will be conditioned to comply.
	AO4.2 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.	✓	Will be conditioned to comply where relevant.
	AO4.3 The car parking area includes designated pedestrian routes that provide connections to building entrances.	✓	can be conditioned to comply where relevant.
	AO4.4 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	✓	Complies.

Performance outcomes	Acceptable outcomes	Complies	Comments
	or rear of a building in all other instances.		
Site access and manoeuvring			
PO5 Access to, and manoeuvring within, the site is designed and located to: <ul style="list-style-type: none"> (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. 	AO5.1 Access and manoeuvrability is in accordance with : <ul style="list-style-type: none"> (a) AS28901 – Car Parking Facilities (Off Street Parking); and (b) AS2890.2 – Parking Facilities (Off-street Parking) Commercial Vehicle Facilities. <p>Note—Proposal plans should include turning circles designed in accordance with AP34/95 (Austroads 1995) Design Vehicles and Turning Path Templates.</p>	✓	Will be conditioned to comply.
	AO5.2 Vehicular access has a minimum sight distance in accordance with Part 5 of AUSTROADS.	✓	Complies.
	AO5.3 Vehicular access is located and designed so that all vehicles enter and exit the site in a forward gear.	✓	Will comply.
	AO5.4 Pedestrian and cyclist access to the site: <ul style="list-style-type: none"> (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). 	✓	Can be conditioned to comply where relevant.

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

Performance outcomes	Acceptable outcomes	Complies	Comments
	with AS 4282 (as amended) - Control of Obtrusive effects of outdoor lighting.		
	AO6.6 Where involving an accommodation activity, internal roads facilitate unobstructed access to every dwelling, accommodation unit, accommodation site and building by emergency services vehicles.	n/a	Not applicable.
	AO6.7 For an Energy and infrastructure activity or Rural activity, internal road gradients: (a) are no steeper than 1:5; or (b) are steeper than 1:5 and are sealed.	n/a	Not applicable.
Servicing			
PO7 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	AO7.1 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.	✓	Will be conditioned to comply.
	AO7.2 Unloading, loading, service and waste disposal areas allow service vehicles to enter and exit the site in a forward gear.	✓	Will be conditioned to comply.

Performance outcomes	Acceptable outcomes	Complies	Comments
adjoining sensitive land uses and streetscape quality.	AO7.3 Development provides a servicing area, site access and maneuvering areas to accommodate the applicable minimum servicing vehicle specified in Table 9.4.3.3B .	✓	Will be conditioned to comply.
Maintenance			
PO8 Parking areas are used and maintained for their intended purpose.	AO8.1 Parking areas are kept and used exclusively for parking and are maintained in a suitable condition for parking and circulation of vehicles.	✓	Will be conditioned to comply.
	AO8.2 All parking areas will be compacted, sealed, drained, line marked and maintained until such time as the development ceases.	✓	Will be conditioned to comply.
End of trip facilities			
PO9 Development within the Centre zone; Industry zone or Emerging community zone provides facilities for active transport users that: (a) meet the anticipated demand generated from the use; (b) comprise secure and convenient bicycle parking and storage; and (c) provide end of trip facilities for all active transport users.	AO9.1 The number of bicycle parking spaces provided for the use is in accordance with Table 9.4.3.3D .	✓	Can be conditioned to comply.
	AO9.2 End of trip facilities are provided in accordance with Table 9.4.3.3D .	✓	Can be conditioned to comply where relevant.
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			
PO10 The level of traffic generated	AO10 A traffic impact report is prepared by a suitably	✓ Complies with	A traffic impact report is not considered necessary given the

Performance outcomes	Acceptable outcomes	Complies	Comments
by the development on the surrounding local road network must not result in unacceptable impacts on adjacent land and local road users.	qualified person that identifies: (a) the expected traffic movements to be generated by the facility; (b) any associated impacts on the road network; and (c) any works that will be required to address the identified impacts.	PO10	scale of the proposed educational establishment. The development is unlikely to generate in excess of 100 vmpd. The development is considered to comply with PO10.
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			
PO11 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.	AO11 A traffic impact report is prepared by a suitably qualified person that identifies: (d) the expected traffic movements to be generated by the facility; (e) any associated impacts on the road network; and (f) any works that will be required to address the identified impacts.	✓ Complies with PO11	A traffic impact report is not considered necessary given the scale of the proposed educational establishment. The development is unlikely to generate in excess of 100 vmpd. The development is considered to comply with PO11.

Table 9.4.3.3B—Vehicle Parking and Service Vehicle Space Requirements

Definition	Minimum number of Car parking spaces	Minimum Service Vehicle Space Provision
Educational establishment	<p>For all establishments: 1 space per every 10 students plus 1 space per employee, and</p> <p>Provision for 3 vehicles for loading and unloading of passengers in addition to the requirements above.</p>	<p>For self-assessable development: One HRV space; and One SRV space; and A minimum of 3 Bus / coach parking / set down areas.</p> <p>For assessable development: As determined by Council.</p>
Low impact industry	One space per 90m ² GFA or part thereof.	One AV space if the site has an area greater than 2,000m ² , otherwise One HRV.
Office	<p>Exempt in an existing building within the Centre zone.</p> <p><u>Inside the Centre zone:</u> One space per 20m² or part thereof of GFA up to 400m² GFA, and one space per 10m² or part thereof of GFA above 400m².</p> <p><u>Outside the Centre zone:</u> One space per 25m² or part thereof of GFA up to 400m² GFA, and one space per 15m² or part thereof of GFA above 400m².</p>	One SRV space.
Transport depot	One space per 125m ² GFA or part thereof.	One AV space if the site has an area greater than 2,000m ² , otherwise One HRV.

Note—Any use not herein defined - as determined by Council.

Table 9.4.3.3C—Pavement Standards for Access, Manoeuvring and Car Parking areas

Zone	Compacted Gravel Base (minimum thickness)	Surfacing Options
All development other than dwelling house		
All zones other than the Conservation zone or the Rural zone	75mm	Reinforced concrete with a minimum thickness of: <ul style="list-style-type: none"> • 100mm for parking areas; and • 150mm for access ways.
	150mm	Asphalt with a minimum thickness of 25mm
	150mm	Two coat sprayed bitumen seal
	150mm	Concrete pavers
Conservation zone or Rural zone	Not applicable	Minimum 150mm thickness compacted gravel suitable for all weather and dust free
Dwelling house		
All zones	75mm	Reinforced concrete with a minimum thickness of: <ul style="list-style-type: none"> • 100mm for parking areas; and • 150mm for access ways.
	150mm	Asphalt with a minimum thickness of 25mm
	150mm	Two coat sprayed bitumen seal
	150mm	Concrete pavers
	Not applicable	Minimum 150mm thickness compacted gravel suitable for all weather and dust free

Note—Where more than one surfacing option is listed, any one of the treatments listed may be provided.

Table 9.4.3.3D—Bicycle Parking and End of Trip Facility Requirements

Definition	Minimum number of bicycle parking spaces	Minimum end of trip facilities
Commercial activities	New or redeveloped commercial activities buildings (other than a shopping centre), provide: <ul style="list-style-type: none">• For employees - secure bicycle storage for 8% of building staff (based on one person per 60m² Gross leasable area). Secure bicycle parking involves a bicycle locker or bicycle rail in a locked compound/cage; and• visitor facilities:<ul style="list-style-type: none">- one bicycle rack space per 750m² NLA or part thereof; and- bicycle parking, signposted; and adjacent to a major public entrance to the building.	New or redeveloped commercial activities buildings (other than a shopping centre), provide the following employee facilities, which are continually accessible to employees: <ul style="list-style-type: none">• accessible showers at the rate of one shower per 10 bicycle spaces provided or part thereof;• changing facilities adjacent to showers; and• secure lockers in the changing facilities for 20% of building staff (based on one person per 60m² GLA to cater for walkers, cyclists and other active users.
Community use	Four spaces per 1,500m ² GFA.	As determined by Council.

Definition	Minimum number of bicycle parking spaces	Minimum end of trip facilities
Educational establishment	<p>New or redeveloped education facilities, provide:</p> <ul style="list-style-type: none"> For employees - secure bicycle storage for 8% of building staff (based on one person per 75m² GLA). Secure bicycle parking involves a bicycle locker or bicycle rail in a locked compound/cage; and For students: <ul style="list-style-type: none"> - minimum of 8% of the peak number of students using the building at any one time (with 75% occupancy); and - bicycle storage within 100m of the building front entrance(s); or added to the campus central bicycle storage area. 	<p>New or redeveloped education facilities, provide the following employee facilities, which are continually accessible to employees:</p> <ul style="list-style-type: none"> accessible showers at the rate of one per 10 bicycle spaces provided or part thereof; changing facilities adjacent to showers; and secure lockers in changing facilities for 20% of building staff (based on one person per 75m² GLA) to cater for cyclists, walkers and other active users.
Food & drink outlet	One space per 100m ² GFA.	As determined by Council.
Function facility	One space per 300m ² GFA.	As determined by Council.

Definition	Minimum number of bicycle parking spaces	Minimum end of trip facilities
Health care services	<p>New or redeveloped healthcare facilities, provide the following facilities:</p> <ul style="list-style-type: none"> For employees - secure bicycle storage for 5% of building staff (based on one person per 75m² GLA). Secure bicycle parking involves a bicycle locker or bicycle rail in a locked compound/cage; and For visitors: <ul style="list-style-type: none"> facilities with in-patient accommodation provide one space per each 30 beds; facilities without in-patient accommodation provide one space per each 4 practitioners; aged care facilities provide one space per each 60 beds; In every instance above, provide a minimum of 5 bicycle parking spaces; and bicycle parking provided: in an accessible location, signposted and within 10m a major public entrance to the building. 	<p>New or redeveloped healthcare facilities, provide the following employee facilities, which are continually accessible to employees:</p> <ul style="list-style-type: none"> accessible showers at the rate of one per 10 bicycle spaces provided or part thereof; changing facilities adjacent to showers; and secure lockers in changing facilities for 20% of building staff (based on one person per 75m² GLA) to cater for cyclists, walkers and other active users.
Hospital	As determined by Council.	As determined by Council.
Hostel	One space per 4 letting rooms.	As determined by Council.

Definition	Minimum number of bicycle parking spaces	Minimum end of trip facilities
Indoor sport and recreation	One space per employee plus 1 space per 200m ² GFA	As determined by Council.
Park	As determined by Council.	As determined by Council.
Short term accommodation	One space per 4 letting rooms.	As determined by Council.
Shop or Shopping centre	<p>New or redeveloped shopping centres, provide:</p> <ul style="list-style-type: none"> For employees - secure bicycle storage for 8% of building staff (based on one person per 60m² Gross leasable area). Secure bicycle parking involves a bicycle locker or bicycle rail in a locked compound/cage; and visitor facilities: <ul style="list-style-type: none"> one space per 500m² GLA or part thereof for centres under 30,000m²; or one space per 750m² GLA or part thereof for centres between 30,000m² and 50,000m²; and bicycle parking is signposted and within 10m of a major public entrance to the building. 	<p>New or redeveloped shopping centres, provide the following employee facilities, which are continually accessible to employees:</p> <ul style="list-style-type: none"> accessible showers at the rate of one shower per 10 bicycle spaces provided or part thereof; changing facilities adjacent to showers; and secure lockers in the changing facilities for 20% of building staff (based on one person per 60m² GLA to cater for walkers, cyclists and other active users.
Theatre	One space per 100m ² GFA.	As determined by Council.

Table 9.4.3.3E—Vehicular Access for Specific Uses

Use	Design
Dwelling house	A secondary dwelling shares a vehicle crossover with the Dwelling house.
Car wash	<p>Site access involves:</p> <p>(a) a maximum width of 9 metres of any vehicle crossover across a</p>

Service station	<p>footpath;</p> <p>(b) a minimum separation of 12 metres between any vehicle crossover and a road intersection;</p> <p>(c) a separate entrance and exit; and</p> <p>(d) a minimum separation between vehicle crossovers of 14 metres.</p>
Industrial activities	Each lot is provided with no more than one access point every 15 metres.
Roadside stall	A single vehicular access point is provided to the site.
Tourist park	<p>(a) a single vehicular access point is provided to the site; and</p> <p>(b) no accommodation site has individual vehicular access.</p>

9.4.5 Works, services and infrastructure code

9.4.5.1 Application

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

9.4.5.2 Purpose

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

9.4.5.3 Criteria for assessment

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

Performance outcomes	Acceptable outcomes	Complies	Comments
For self-assessable and assessable development			
Water supply			
PO1 Each lot has an adequate volume and supply of water that: (a) meets the needs of users; (b) is adequate for fire-fighting purposes; (c) ensures the health,	AO1.1 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:	✓	Will be conditioned to comply.

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

Performance outcomes	Acceptable outcomes	Complies	Comments
	A02.2 An effluent disposal system is provided in accordance with ASNZ 1547 On-Site Domestic Wastewater Management (as amended) where development is located: (a) in the Conservation zone, Rural zone or Rural residential zone; and (b) outside a reticulated sewerage service area.	n/a	Not applicable.
Stormwater infrastructure			
P03 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.	A03.1 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.	n/a	Not applicable. A condition will be attached to any approval requiring a stormwater management plan be submitted.
	A03.2 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.	✓	Will be conditioned to comply.
Electricity supply			
P04 Each lot is provided with an adequate supply of electricity	A04 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	✓	Can be conditioned to comply.

Performance outcomes	Acceptable outcomes	Complies	Comments
	<p>independent energy system with sufficient capacity to service the development (at near average energy demands associated with the use) may be provided as an alternative to reticulated electricity where:</p> <ul style="list-style-type: none"> (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. 		
Telecommunications infrastructure			
PO5 Each lot is provided with an adequate supply of telecommunication infrastructure	AO5 Development is provided with a connection to the national broadband network or telecommunication services.	✓	Can be conditioned to comply.
Existing public utility services			
PO6 Development and associated works do not affect the efficient functioning of public utility mains, services or installations.	AO6 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.	✓	Can be conditioned to comply.
Excavation or filling			
PO7 Excavation or filling must not have an adverse impact on the: (a) streetscape;	AO7.1 Excavation or filling does not occur within 1.5 metres of any site boundary.	✓	Will comply.
	AO7.2	✓	Will comply.

Performance outcomes	Acceptable outcomes	Complies	Comments
(b) scenic amenity; (c) environmental values; (d) slope stability; (e) accessibility; or (f) privacy of adjoining premises.	Excavation or filling at any point on a lot is to be no greater than 1.5 metres above or below natural ground level.		
	A07.3 Earthworks batters: (a) are no greater than 1.5 metres in height; (b) are stepped with a minimum width 2 metre berm; (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; (d) have a slope no greater than 1 in 4; and (e) are retained.	n/a	Not applicable.
	A07.4 Soil used for filling or spoil from excavation is not stockpiled in locations that can be viewed from: (a) adjoining premises; or (b) a road frontage, for a period exceeding 1 month from the commencement of the filling or excavation.	✓	Can be conditioned to comply.
	A07.5 All batters and berms to be constructed in accordance with the Design Guidelines and Specifications set out in the Planning Scheme Policy 4 – FNQROC Regional Development Manual.	n/a	Not applicable.
	A07.6 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 –	n/a	Not applicable.

Performance outcomes	Acceptable outcomes	Complies	Comments
	FNQROC Regional Development manual.		
	A07.7 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.	✓	Can be conditioned to comply.
For assessable development			
Transport network			
PO8 The development has access to a transport network of adequate standard to provide for the safe and efficient movement of vehicles, pedestrians and cyclists.	A08.1 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.	✓	Can be conditioned to comply.
	A08.2 Development provides footpath pavement treatments in accordance with Planning Scheme Policy 9 – Footpath Paving.	✓	Can be conditioned to comply where relevant.
Public infrastructure			
PO9 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.	A09 Development is in accordance with the Design Guidelines and Specifications set out in the Planning Scheme Policy 4 – FNQROC Regional Development Manual.	✓	Can be conditioned to comply.

Performance outcomes	Acceptable outcomes	Complies	Comments
Stormwater quality			
PO10 Development has a non-worsening effect on the site and surrounding land and is designed to: <ul style="list-style-type: none"> (a) optimise the interception, retention and removal of waterborne pollutants, prior to the discharge to receiving waters; (b) protect the environmental values of waterbodies affected by the development, including upstream, on-site and downstream waterbodies; (c) achieve specified water quality objectives; (d) minimise flooding; (e) maximise the use of natural channel design principles; (f) maximise community benefit; and (g) minimise risk to public safety. 	AO10.1 The following reporting is prepared for all Material change of use or Reconfiguring a lot proposals: <ul style="list-style-type: none"> (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 (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"> (i) drainage control; (ii) erosion control; (iii) sediment control; and (iv) water quality outcomes. 	✓	Can be conditioned to comply.
	AO10.2 For development on land greater than 2,500m ² 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: <ul style="list-style-type: none"> (a) meets or exceeds the 	✓	Can be conditioned to comply.

Performance outcomes	Acceptable outcomes	Complies	Comments
	<p>standards of design and construction set out in the Urban Stormwater Quality Planning Guideline and the Queensland Water Quality Guideline;</p> <p>(b) is consistent with any local area stormwater water management planning;</p> <p>(c) accounts for development type, construction phase, local climatic conditions and design objectives; and</p> <p>(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.</p>		
<p>PO11 Storage areas for stormwater detention and retention:</p> <p>(a) protect or enhance the environmental values of receiving waters;</p> <p>(b) achieve specified water quality objectives;</p> <p>(c) where possible, provide for recreational use;</p> <p>(d) maximise community benefit; and</p> <p>(e) minimise risk to public safety.</p>	<p>AO11 No acceptable outcome is provided.</p>	✓	Can be conditioned to comply.
Excavation or filling			
<p>PO12 Traffic generated by filling</p>	<p>AO12.1 Haul routes used for</p>	n/a	Not applicable.

Performance outcomes	Acceptable outcomes	Complies	Comments
or excavation does not impact on the amenity of the surrounding area.	transportation of fill to or from the site only use major roads and avoid residential areas.		
	AO12.2 Transportation of fill to or from the site does not occur: <ul style="list-style-type: none"> (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. 	✓	Can be conditioned to comply.
PO13 Air pollutants, dust and sediment particles from excavation or filling, do not cause significant environmental harm or nuisance impacts.	AO13.1 Dust emissions do not extend beyond the boundary of the site.	✓	Can be conditioned to comply.
	AO13.2 No other air pollutants, including odours, are detectable at the boundary of the site.	✓	Can be conditioned to comply. Emissions area unlikely.
	AO13.3 A management plan for control of dust and air pollutants is prepared and implemented.	✓	Can be conditioned to comply. Emissions area unlikely.
PO14 Access to the premises (including driveways and paths) does not have an adverse impact on: <ul style="list-style-type: none"> (a) safety; (b) drainage; (c) visual amenity; and (d) privacy of adjoining premises. 	AO14 Access to the premises (including all works associated with the access): <ul style="list-style-type: none"> (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. 	✓	Can be conditioned to comply.
Weed and pest management			

Performance outcomes	Acceptable outcomes	Complies	Comments
PO15 Development prevents the spread of weeds, seeds or other pests into clean areas or away from infested areas.	AO15 No acceptable outcome is provided.	✓	Can be conditioned to comply.
Contaminated land			
PO16 Development is located and designed to ensure that users and nearby sensitive land uses are not exposed to unacceptable levels of contaminants	AO16 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.	✓	Complies - The site is not mapped as a contaminated site.
Fire services in developments accessed by common private title			
PO17 Fire hydrants are located in positions that will enable fire services to access water safely, effectively and efficiently.	AO17.1 Fire hydrants are located in accessways or private roads held in common private title at a maximum spacing of: (a) 120 metres for residential development; and (b) 90 metres for any other development.	n/a	Not applicable - The subject site is not accessed by common private title.
	AO17.2 Fire hydrants are located at all intersections of accessways or private roads held in common private title.	n/a	Not applicable - The subject site is not accessed by common private title.