

Assessment of application against relevant Development Codes

APPLICATION DETAILS

| APPLICATION | | PREMISES | |
|-----------------------|--|----------|-----------------------|
| FILE NO: | OPW/18/0009 | ADDRESS: | James Street, Mareeba |
| APPLICANT: | V Bolton | RPD: | Lot 2 on MPH25197 |
| LODGED BY: | V Bolton | AREA: | 2,023m ² |
| DATE LODGED: | 7 February 2019 | OWNER : | V Bolton |
| TYPE OF APPROVAL: | Development Permit | | |
| PROPOSED DEVELOPMENT: | Operational Works - Roadworks | | |
| PLANNING SCHEME: | Mareeba Shire Council Planning Scheme 2016 | | |
| ZONE: | Medium Density Residential | | |
| LEVEL OF ASSESSMENT: | Code Assessment | | |
| SUBMISSIONS: | N/A - Code Assessment Only | | |

Relevant Development Codes

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

- 6.2.7 Medium density residential zone code
- 9.4.5 Works, services and infrastructure code

6.2.7 Medium density residential zone code

6.2.7.1 Application

- (1) This code applies to assessing development where:
 - (a) located in the Medium density residential zone; and
 - (b) it is identified in the assessment benchmarks for assessable development and requirements for accepted development column of an assessment table in Part 5 of the planning scheme.

6.2.7.2 Purpose

- (1) The purpose of the medium density residential zone code is to provide for medium density multiple dwellings supported by community uses and small-scale services and facilities that cater for local residents.
- (2) Mareeba Shire Council's purpose of the Medium density residential zone code is to facilitate medium residential densities and a diversity of housing which caters for a range of households in locations which are proximate to town centres, community facilities and open space.

Small lot housing is facilitated and medium density development may include Dual occupancy and Multiple dwelling development in the form of town houses, apartments and units.

- (3) The purpose of the code will be achieved through the following overall outcomes:
 - (a) Development provides a range of residential dwelling choices including Multiple dwellings in locations clustered around or near activity centres and transport networks;
 - (b) Development encourages and facilitates urban consolidation and the efficient use of physical and social infrastructure;
 - (c) Development is supported by employment nodes, community facilities and services, transport and commercial hubs where appropriate; Development provides and maintains a high level of amenity in the zone and is reflective of the desired character of the area;
 - (d) The scale and density of development facilitates an efficient land use pattern that supports safe and walkable neighbourhoods that are well connected to employment nodes, centres, open space and recreational areas, community services and educational opportunities;
 - (e) Other small-scale development that integrates personal employment and residential activities is encouraged, provided it complements local residential amenity;
 - (f) Development maintains a high level of residential amenity avoiding uses that introduce impacts associated with noise, hours of operation, traffic, advertising devices, visual amenity, privacy, lighting, odour and emissions;
 - (g) Non-residential development may be supported where such uses directly support the day to day needs of the immediate residential community; and
 - (h) Development responds to land constraints and mitigates any adverse impacts on adjacent land uses and the environment.

6.2.7.3 Criteria for assessment

Table 6.2.7.3A—Medium density residential zone code - For accepted development subject to requirements and assessable development

| Performance outcomes | Acceptable outcomes | Complies | Comments |
|---|--|----------|-----------------|
| For accepted development subject to requirements and assessable development | | | |
| Height | | | |
| <p>PO1 Building height takes into consideration and respects the following:</p> <ul style="list-style-type: none"> (a) the height of existing buildings on adjoining premises; (b) the development potential, with respect to height, on adjoining premises; (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) site area and street frontage length. | <p>AO1 Development has a maximum building height of:</p> <ul style="list-style-type: none"> (a) 8.5 metres; and (b) 2 storeys above ground level. | n/a | Not applicable. |
| Outbuildings and residential scale | | | |
| <p>PO2 Domestic outbuildings:</p> <ul style="list-style-type: none"> (a) do not dominate the lot on which they are located; and (b) are consistent with the scale and character of development in the Medium density residential zone. | <p>AO2 Domestic outbuildings do not exceed:</p> <ul style="list-style-type: none"> (a) 100m² in gross floor area; and (b) 5.5 metres in height above natural ground level. | n/a | Not applicable. |
| Siting | | | |

| Performance outcomes | Acceptable outcomes | Complies | Comments |
|--|---|----------|-----------------|
| <p>PO3 Development is sited in a manner that considers and respects:</p> <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) opportunities for casual surveillance of adjoining public spaces; (e) air circulation and access to natural breezes; (f) appearance of building bulk; and (g) relationship with road corridors. | <p>AO3.1 Buildings and structures include a minimum setback of:</p> <ul style="list-style-type: none"> (a) 6 metres from the primary road frontage; and (b) 3 metres from any secondary road frontage. | n/a | Not applicable. |
| | <p>AO3.2 Buildings and structures include a minimum setback of 2 metres from side and rear boundaries.</p> | n/a | Not applicable. |
| Accommodation density | | | |
| <p>PO4 The density of Accommodation activities:</p> <ul style="list-style-type: none"> (a) contributes to housing choice and affordability; (b) respects the nature and density of surrounding land use; (c) does not cause amenity impacts beyond the reasonable expectation of accommodation density for the zone; and (d) is commensurate to the scale and frontage of the site. | <p>AO4 Development provides a maximum density for Accommodation activities in compliance with Table 6.2.7.3B.</p> | n/a | Not applicable. |
| Gross floor area | | | |
| PO5 | AO5 | n/a | Not applicable. |

| Performance outcomes | Acceptable outcomes | Complies | Comments |
|---|--|----------|-----------------|
| Buildings and structures occupy the site in a manner that: (a) makes efficient use of land; (b) is consistent with the bulk and scale of surrounding buildings; and (c) appropriately balances built and natural features. | Gross floor area does not exceed 600m ² . | | |
| For assessable development | | | |
| Building design | | | |
| PO6 Building facades are appropriately designed to: (a) include visual interest and architectural variation; (b) maintain and enhance the character of the surrounds; (c) provide opportunities for casual surveillance; (d) include a human scale; and (e) encourage occupation of outdoor space. | AO6 Buildings include habitable space, pedestrian entrances and recreation space facing the primary road frontage. | n/a | Not applicable. |
| PO7 Development complements and integrates with the established built character of the Medium density residential zone, having regard to: (a) roof form and pitch; (b) eaves and awnings; (c) building materials, colours and textures; and (d) window and door size and location. | AO7 No acceptable outcome is provided. | n/a | Not applicable. |

| Performance outcomes | Acceptable outcomes | Complies | Comments |
|--|---|----------|-----------------|
| Non-residential development | | | |
| <p>PO8 Non-residential development:</p> <p>(a) is consistent with the scale of existing development;</p> <p>(b) does not detract from the amenity of nearby residential uses;</p> <p>(c) directly supports the day to day needs of the immediate residential community; and</p> <p>(d) does not impact on the orderly provision of non-residential development in other locations in the shire.</p> | <p>AO8 No acceptable outcome is provided.</p> | n/a | Not applicable. |
| Amenity | | | |
| <p>PO9 Development must not detract from the amenity of the local area, having regard to:</p> <p>(a) noise;</p> <p>(b) hours of operation;</p> <p>(c) traffic;</p> <p>(d) advertising devices;</p> <p>(e) visual amenity;</p> <p>(f) privacy;</p> <p>(g) lighting;</p> <p>(h) odour; and</p> <p>(i) emissions.</p> | <p>AO9 No acceptable outcome is provided.</p> | n/a | Not applicable. |
| <p>PO10 Development must take into account and seek to ameliorate any existing negative environmental impacts, having regard to:</p> <p>(a) noise;</p> <p>(b) hours of operation;</p> <p>(c) traffic;</p> <p>(d) advertising devices;</p> <p>(e) visual amenity;</p> | <p>AO10 No acceptable outcome is provided.</p> | n/a | Not applicable. |

| Performance outcomes | Acceptable outcomes | Complies | Comments |
|---|---------------------|----------|----------|
| (f) privacy; (g) lighting; (h) odour; and (i) emissions. | | | |

Table 6.2.7.3B—Maximum densities for Accommodation activities

| Use | Maximum density |
|---------------------------|--|
| Dual occupancy | 1 dwelling per 300m ² of site area |
| Multiple dwelling | (a) 1 dwelling per 150m ² of site area; and (b) 1 bedroom per 75m ² of site area. |
| Residential care facility | 1 dwelling or accommodation unit per 100m ² of site area. |
| Retirement facility | 1 dwelling or accommodation unit per 150m ² of site area |

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 benchmarks for assessable development and requirements for accepted development 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 accepted development subject to requirements and assessable development

| Performance outcomes | Acceptable outcomes | Complies | Comments |
|--|---------------------|----------|----------|
| For accepted development subject to requirements and assessable development | | | |
| Water supply | | | |

| Performance outcomes | Acceptable outcomes | Complies | Comments |
|---|--|----------|--|
| <p>PO1 Each lot has an adequate volume and supply of water that:</p> <ul style="list-style-type: none"> (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. | <p>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:</p> <ul style="list-style-type: none"> (a) in the Conservation zone, Rural zone or Rural residential zone; and (b) outside a reticulated water supply service area. | n/a | Not applicable for op works stage - to be complied with prior to endorsement of survey plan. |
| | <p>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:</p> <ul style="list-style-type: none"> (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: <ul style="list-style-type: none"> (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 | | | |

| Performance outcomes | Acceptable outcomes | Complies | Comments |
|--|--|----------|--|
| <p>PO2 Each lot provides for the treatment and disposal of effluent and other waste water that:</p> <ul style="list-style-type: none"> (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. | <p>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:</p> <ul style="list-style-type: none"> (a) in the Conservation zone, Rural zone or Rural residential zone; and (b) outside a reticulated sewerage service area. | n/a | Not applicable for op works stage - to be complied with prior to endorsement of survey plan. |
| | <p>AO2.2 An effluent disposal system is provided in accordance with ASNZ 1547 On-Site Domestic Wastewater Management (as amended) where development is located:</p> <ul style="list-style-type: none"> (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 | | | |
| <p>PO3 Stormwater infrastructure is designed and constructed to collect and convey the design storm event to a lawful point of discharge in a manner that mitigates impacts on life and property.</p> | <p>AO3.1 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.</p> | ✓ | Complies. |

| Performance outcomes | Acceptable outcomes | Complies | Comments |
|---|--|----------|--|
| | <p>AO3.2 On-site drainage systems are constructed:</p> <p>(a) to convey stormwater from the premises to a lawful point of discharge; and</p> <p>(b) in accordance with the Design Guidelines and Specifications set out in the Planning Scheme Policy 4 – FNQROC Regional Development Manual.</p> | n/a | Not applicable. |
| Electricity supply | | | |
| <p>PO4 Each lot is provided with an adequate supply of electricity</p> | <p>AO4 The premises:</p> <p>(a) is connected to the electricity supply network; or</p> <p>(b) has arranged a connection to the transmission grid; or</p> <p>(c) where not connected to the network, an 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> <p>(i) it is approved by the relevant regulatory authority; and</p> <p>(ii) it can be demonstrated that no air or noise emissions; and</p> <p>(iii) it can be demonstrated that no adverse impact on visual amenity will occur.</p> | n/a | Not applicable for op works stage - to be complied with prior to endorsement of survey plan. |
| Telecommunications infrastructure | | | |

| Performance outcomes | Acceptable outcomes | Complies | Comments |
|--|---|----------|--|
| 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. | n/a | Not applicable for op works stage - to be complied with prior to endorsement of survey plan. |
| 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. | n/a | Not applicable for op works stage - to be complied with prior to endorsement of survey plan. |
| Excavation or filling | | | |
| PO7 Excavation or filling must not have an adverse impact on the: (a) streetscape; (b) scenic amenity; (c) environmental values; (d) slope stability; (e) accessibility; or (f) privacy of adjoining premises. | AO7.1 Excavation or filling does not occur within 1.5 metres of any site boundary. | n/a | Not applicable. |
| | AO7.2 Excavation or filling at any point on a lot is to be no greater than 1.5 metres above or below natural ground level. | n/a | Not applicable. |
| | AO7.3 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. |

| Performance outcomes | Acceptable outcomes | Complies | Comments |
|-----------------------------------|--|----------|-----------------|
| | <p>AO7.4 Soil used for filling or spoil from excavation is not stockpiled in locations that can be viewed from:</p> <p>(a) adjoining premises; or (b) a road frontage, for a period exceeding 1 month from the commencement of the filling or excavation.</p> | n/a | Not applicable. |
| | <p>AO7.5 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.</p> | n/a | Not applicable. |
| | <p>AO7.6 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 – FNQROC Regional Development manual.</p> | n/a | Not applicable. |
| | <p>AO7.7 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.</p> | n/a | Not applicable. |
| For assessable development | | | |
| Transport network | | | |

| Performance outcomes | Acceptable outcomes | Complies | Comments |
|--|---|----------|--------------------------------|
| <p>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.</p> | <p>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.</p> | ✓ | Will be conditioned to comply. |
| | <p>A08.2 Development provides footpath pavement treatments in accordance with Planning Scheme Policy 9 – Footpath Paving.</p> | n/a | Not applicable. |
| Public infrastructure | | | |
| <p>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.</p> | <p>A09 Development is in accordance with the Design Guidelines and Specifications set out in the Planning Scheme Policy 4 – FNQROC Regional Development Manual.</p> | ✓ | Will be conditioned to comply. |
| Stormwater quality | | | |

| Performance outcomes | Acceptable outcomes | Complies | Comments |
|--|--|-------------------|--|
| <p>PO10 Development has a non-worsening effect on the site and surrounding land and is designed to:</p> <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. | <p>AO10.1 The following reporting is prepared for all Material change of use or Reconfiguring a lot proposals:</p> <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. | <p>n/a</p> | <p>Not applicable for the scale of development proposed.</p> |

| Performance outcomes | Acceptable outcomes | Complies | Comments |
|----------------------|---|------------|---|
| | <p>AO10.2 For development on land greater than 2,500m² or that result in more than 5 lots or more than 5 dwellings or accommodation units, a Stormwater Quality Management Plan and Report prepared and certified by a suitably qualified design engineer (RPEQ) is prepared that demonstrates that the development:</p> <ul style="list-style-type: none"> (a) meets or exceeds the standards of design and construction set out in the Urban Stormwater Quality Planning Guideline and the Queensland Water Quality Guideline; (b) is consistent with any local area stormwater water management planning; (c) accounts for development type, construction phase, local climatic conditions and design objectives; and (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. | n/a | Not applicable for the scale of development proposed. |

| Performance outcomes | Acceptable outcomes | Complies | Comments |
|---|---|------------|---|
| <p>PO11 Storage areas for stormwater detention and retention:</p> <ul style="list-style-type: none"> (a) protect or enhance the environmental values of receiving waters; (b) achieve specified water quality objectives; (c) where possible, provide for recreational use; (d) maximise community benefit; and (e) minimise risk to public safety. | <p>AO11 No acceptable outcome is provided.</p> | n/a | Not applicable for the scale of development proposed. |
| Excavation or filling | | | |
| <p>PO12 Traffic generated by filling or excavation does not impact on the amenity of the surrounding area.</p> | <p>AO12.1 Haul routes used for transportation of fill to or from the site only use major roads and avoid residential areas.</p> | n/a | Not applicable. |
| | <p>AO12.2 Transportation of fill to or from the site does not occur:</p> <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. | n/a | Not applicable. |

| Performance outcomes | Acceptable outcomes | Complies | Comments |
|---|--|----------|-----------------|
| 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. | n/a | Not applicable. |
| | AO13.2 No other air pollutants, including odours, are detectable at the boundary of the site. | n/a | Not applicable. |
| | AO13.3 A management plan for control of dust and air pollutants is prepared and implemented. | n/a | Not applicable. |
| 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. | n/a | Not applicable. |
| Weed and pest management | | | |
| 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. | n/a | Not applicable. |
| Contaminated land | | | |

| Performance outcomes | Acceptable outcomes | Complies | Comments |
|---|--|----------|-----------------|
| <p>PO16 Development is located and designed to ensure that users and nearby sensitive land uses are not exposed to unacceptable levels of contaminants</p> | <p>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.</p> | ✓ | Complies. |
| Fire services in developments accessed by common private title | | | |
| <p>PO17 Fire hydrants are located in positions that will enable fire services to access water safely, effectively and efficiently.</p> | <p>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.</p> | n/a | Not applicable. |
| | <p>AO17.2 Fire hydrants are located at all intersections of accessways or private roads held in common private title.</p> | n/a | Not applicable. |