

GMA Certification Group Pty Ltd

BUILDING SURVEYORS

Queensland's leaders in Building Certification Services



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16 April 2014

Chief Executive Officer
Cairns Regional Council
PO Box 359
CAIRNS Q 4870

DOUGLAS SHIRE COUNCIL	
Received	
File Name	MCLC140/2014
Document No	
17 APR 2014	
Attention	SKA Long
Information	

Attention: Susanna Andrews (Development Assessment)

Susanna,

Re: Material Change of Use 140/2014
Lot 13 SP204463 Bamboo Creek Road, Miallo

We refer to Council's information request dated 8 April 2014.

The information request listed several items to be addressed, including:

1. Amended Site Plan

An amended site plan is attached.

2. Applicable Codes

Assessment of the following Codes is attached:

- Rural Areas & Rural Settlements Locality Code
- Landscaping
- Vehicle Parking and Access

Should you require any further information or wish to discuss the application, please contact me on 4098 5150 or by email jevans@gmacert.com.au

Kind Regards,

GMA Certification Group

BUILDING APPROVALS & INSPECTIONS

BUILDING CERTIFICATION

FIRE SAFETY AUDITS

Gold Coast
(07) 5578 1622

Sunshine Coast
(07) 5449 0383

Cloncurry
(07) 4742 2022

Chinchilla
(07) 4669 1166

Alberton
(07) 4091 4196

Childers
(07) 4126 3069

Planning Scheme Codes Assessment

1. Rural Areas and Rural Settlement Locality Code

General Requirements

PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
<p>P1 Buildings and structures complement the Height of surrounding development and are subservient to the surrounding environment and are in keeping with the unique character of the Locality.</p>	<p>A1.1 In all Planning Areas in this Locality the maximum Height of Buildings/structures is 6.5 metres and 2 Storeys. In addition, the roof or any ancillary roof features do not exceed a maximum Height of 3.5 metres.</p>	<p>The maximum height of the proposed shed is 4900mm.</p>
<p>P2 Development is connected to all urban services or to sustainable on site infrastructure.</p>	<p>A2.1 Development is connected to available urban services by underground connections, wherever possible.</p> <p style="text-align: center;">AND/OR</p> <p>Contributions are paid when applicable in accordance with the requirements of Planning Scheme Policy No 11 – Water Supply and Sewerage Headworks and Works External Contributions.</p> <p style="text-align: center;">OR</p> <p>Water storage tank/s with a minimum capacity of not less than 30 000 litres to service the proposed use, including fire fighting capacity and Access to the tank/s for fire trucks. Tank/s to be fitted with a 50 mm ball valve with a camlock fitting and installed and connected prior to occupation and screened with Dense Planting.</p> <p style="text-align: center;">AND</p> <p>An environmentally acceptable and energy efficient power supply is constructed and connected prior to occupation and sited so as to be visually unobtrusive.</p> <p style="text-align: center;">AND</p> <p>On-site sewerage facilities are provided in accordance with the On-site Sewerage Code and screened with Dense Planting.</p>	<p>Underground power will be provided to the shed.</p>
<p>P3 Landscaping of development Sites complements the existing rural character of the Locality.</p>	<p>A3.1 Landscaping incorporates the requirements of Planning Scheme Policy No 7 – Landscaping with particular emphasis on appropriate species for this Locality</p> <p style="text-align: center;">AND</p> <p>A minimum of 60%of the total proposed species are endemic or native species.</p>	<p>The shed is to be located at the rear of the property. Landscaping is not proposed at this time.</p>
<p>P4 Development Sites are provided with efficient and safe vehicle</p>	<p>A4.1 All Roads, driveways and manoeuvring areas on Site and</p>	<p>There is an existing cross-over providing access to the property and the on-site</p>

Access and manoeuvring areas on Site and to the Site, to an acceptable standard for the Locality.	adjacent to the Site are designed and maintained to comply with the specifications set out in the Planning Scheme Policy No 6 – FNQROC Development Manual.	driveways will be gravel.
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Protecting Rural/Rural Settlement Amenity – General

PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
P5 Industrial development in a rural area relies on or has a strong nexus with the primary rural activity undertaken on Site or in the surrounding area.	A5.1 Any industrial development is limited to rural industrial activities which, by necessity, are related to primary industries in the surrounding area and require a rural location and where an urban location is inappropriate.	None proposed.
P6 Any community facilities or service infrastructure located in a rural area or rural settlement areas are sited to protect the general amenity and the visual amenity of the surrounding rural area/rural settlement area.	A6.1 Community facilities are only sited in a rural area or a rural settlement area by necessity and where an urban location is inappropriate. A6.2 Community facilities are screened from adjacent Roads by landscape buffers of Dense Planting a minimum of 5 metres in width. AND All side and rear boundaries are provided with Dense Planting for a minimum width of 1.5 metres.	N/A
P7 Rural settlement areas are visually unobtrusive in the rural landscape to protect the integrity of the rural areas as a dominant landscape element of high quality.	A7.1 The old Rocky Point School Site is developed for residential purposes in accordance with the following: • reconfiguration is in accordance with the Rural Settlement Planning Area requirements specified in Table 1 of the Reconfiguring a Lot Code and all the relevant requirements of the Reconfiguring a Lot Code, taking account of the existing topography of the Site. AND The remnant vegetation on the western boundary of the Site is dedicated as public park.	N/A
P8 Areas at Rocky Point included in the Residential 1 Planning Area maintain the integrity of the dominant landscape qualities of the area and ensure safe Access onto Mossman-Daintree Road.	A8.1 The minimum lot size in this area is 3500 m2. AND Any proposed reconfiguration of existing lots in this area only occurs utilising the Access driveway servicing the existing lot, by including reciprocal Access easements over the existing Access driveway for any additional lots. A8.2 Any new lots are included in a Designated Development Area (DDA) identified on the proposal plan of reconfiguration and ultimately, on	N/A

	<p>the registered survey plan.</p> <p>A8.3 Development located within a Designated Development Area is sited where Clearing is limited to a maximum area of 800 m2 of the Site or 4% Site Coverage of the Site, whichever is the lesser. (The 800m2 area of Clearing does not include an access driveway.)</p> <p style="text-align: center;">OR, ALTERNATIVELY</p> <p>If a greater part of the Site is to be cleared, that part of a Site not cleared is to be included in a Conservation Covenant to protect the integrity of the natural environment.</p> <p>A8.4 Clearing is limited to the DDA and the DDA is sited on that part of the lot which is least constrained by slope, vegetation or Access constraints, and does not require extensive cut and fill and/or complex geotechnical solutions.</p> <p>A8.5 The DDA is sited so that the development of a House does not obstruct the views from any adjacent existing Houses.</p> <p style="text-align: center;">AND</p> <p>Ensures the new House is not visually prominent from adjacent public viewing points, such as Mossman-Daintree Road and Rocky Point.</p>	
<p>P9 Development of Lot 32 on RP 850495, Vixies Road, Wonga Beach is connected to urban services.</p>	<p>A9.1 Any future reconfiguration of Lot 32 on RP 850495 for Rural Settlement purposes only occurs in association with connection to reticulated sewerage and water supply servicing Wonga Beach.</p>	<p>N/A</p>
<p>P10 The development of part of Lots 10 and 11 on SP 132055 for residential purposes is undertaken to protect the environmental values of the site and the scenic amenity of the local area.</p>	<p>A10.1 Residential development occurs on the more gently sloping part of the site, elevated above the steep bank adjacent to Mossman-Daintree Road.</p> <p style="text-align: center;">AND</p> <p>The area appropriate for residential development is determined on the basis of contour and vegetation surveys of the site.</p> <p style="text-align: center;">AND</p> <p>Only one access point from the site to the State-Controlled Road is permitted.</p> <p style="text-align: center;">AND</p> <p>At reconfiguration stage a broad vegetation screen is provided along the elevated frontage of the site to the Mossman-Daintree Road so that the residential development is screened from the road.</p> <p style="text-align: center;">AND</p>	<p>N/A</p>

	The balance of the site is protected from clearing to maintain the forested mountain landscape and no further reconfiguration of the balance area occurs.	
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Protection of Scenic Amenity and Natural Values

PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
P11 Development does not adversely impact on areas of sensitive natural vegetation, foreshore areas, Watercourse and areas of tidal inundation which contribute to the Scenic Amenity and natural values of the Locality.	No Acceptable Solution. (Information that the Council may request to demonstrate compliance with the Performance Criteria is outlined in Planning Scheme Policy No 10 – Reports and Information the Council May Request, for code and impact assessable development).	N/A

Indigenous Interests

PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
P12 The land use aspirations in any Indigenous Land Use Agreement (ILUA) are acknowledged and facilitated.	A12.1 Development is consistent with any ILUA relating to the land and the relevant provisions of the Planning Scheme.	N/A

2. Landscaping Code

Landscape Design

PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
P1 Landscape design satisfies the purpose and the detailed requirements of this Code.	A1.1 Landscaping is undertaken in accordance with a Landscape Plan drawn to scale which complies with and illustrates all the relevant requirements of this Code and Planning Scheme Policy No 7 – Landscaping. AND Landscaping is maintained in accordance with the requirements specified in this Code and Planning Scheme Policy No 7 – Landscaping.	Additional landscaping is not proposed at this time. Connection to services is not proposed therefore landscaping would be difficult to establish and maintain without a water supply.

Landscape Character and Planting

PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
<p>P2 Landscaping contributes to a sense of place, is functional to the surroundings and provides dominant visual interest and form.</p>	<p>A2.1 A minimum of 80% of the proposed landscape area is open to the sky for sunlight and ventilation.</p> <p>A2.2 The percentage of native or endemic species utilised in the Landscaping is as specified in the Locality Code.</p> <p style="text-align: center;">OR</p> <p>Where not specified in the Locality Code, in accordance with Planning Scheme Policy No. 7 – Landscaping.</p> <p>A2.3 Landscaping includes planting layers comprised of canopy, middle storey, screening and groundcovers, with palm trees used as accent plants only.</p>	<p>Additional landscaping is not proposed at this time. Connection to services is not proposed therefore landscaping would be difficult to establish and maintain without a water supply.</p>
<p>P3 Landscaping is consistent with the existing landscape character of the area and native vegetation existing on the Site is to be retained wherever possible and integrated with new Landscaping.</p>	<p>A3.1 Existing native vegetation on Site is retained and incorporated into the Site design, wherever possible.</p> <p>A3.2 Any mature vegetation on the Site which is removed or damaged during development of the Site is replaced with advanced native species.</p> <p>A3.3 Where there is an existing landscape character in a street or locality which results from existing vegetation, similar species are planted on Site or on the street.</p> <p>A3.4 Street trees are 100% native species which enhance the landscape character of the streetscape, with species chosen from the Plant Species Schedule in Planning Scheme Policy No 7 – Landscaping.</p>	<p>There is currently no vegetation on-site.</p>
<p>P4 Plant species are selected with consideration to the scale and form of development, screening, buffering, streetscape, shading and the locality of the area.</p>	<p>A4.1 Species are selected in accordance with the Plant Species Schedule in Planning Scheme Policy No 7 – Landscaping.</p>	<p>N/A</p>

<p>P5 Shade planting is provided in car parking areas where uncovered or open, and adjacent to driveways and internal Roadways.</p>	<p>A5.1 Where car parking areas are uncovered or open, shade trees are planted at regular intervals (a minimum of 1 shade tree is provided for every 5 car parks) throughout the car parking areas, and adjacent to driveways and internal Roadways.</p> <p>A5.2 A minimum of 1 shade tree is provided for every 10 metres along a driveway or internal Roadway.</p> <p>A5.3 Landscape beds and trees are protected by garden edging, bollards or wheel stops.</p> <p>A5.4 Trees within car parking areas have a minimum planting area the equivalent of 1 car parking bay, with a minimum topsoil depth of 0.8 metre.</p>	<p>N/A</p>
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Screening

PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
<p>P6 Fences along street Frontages are articulated with appropriate Landscaping.</p>	<p>A6.1 Perimeter fencing to any street Frontage complies with the relevant Planning Area Code.</p> <p>A6.2 Trees, shrubs and groundcovers are planted within any recessed areas along the fence line.</p>	<p>No additional fencing is proposed at this time.</p>
<p>P7 Landscaping within Recreation Areas of residential development are functional, well designed and enhance the residential amenity.</p>	<p>A7.1 One shade tree is provided for each private open space or private Recreation Area.</p> <p>A7.2 Tree species provide 30% shade over the area within 5 years.</p> <p>A7.3 A minimum of 50% of the Landscaping and Recreational Area is landscaped, with trees, shrubs, groundcovers, minimising large expanses of hardstand areas and structures.</p> <p>A7.4 Plants are located to provide shelter and shade to Habitable Rooms and outdoor Recreation Areas from the hot summer sun.</p>	<p>N/A</p>
<p>P8 Undesirable features are screened with Landscaping.</p>	<p>A8.1 Landscaping of Dense Planting is planted along and near retaining walls, long blank walls of Buildings, mechanical and air-conditioning units, clothes drying</p>	<p>Additional landscaping is not proposed at this time. Connection to services is not proposed therefore landscaping would be difficult to establish and maintain without a</p>

	areas, bin enclosures and other utility structures with appropriate trees, shrubs and groundcovers.	water supply.
P9 The environmental values of the Site and adjacent land are enhanced.	A9.1 Landscaping using similar endemic or native species, is planted on-Site on land adjoining an area of natural environmental value.	N/A

Streetscape and Site Amenity

PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
P10 Landscaping for residential development enhances the streetscape and the visual appearance of the development.	<p>A10.1 Dense Planting along the front of the Site incorporates:</p> <ul style="list-style-type: none"> • shade canopy trees to provide shade to the Frontage of the Site within 5 years of planting; • landscape screening of blank walls; • low shrubs, groundcovers and mulch to completely cover unsealed ground. <p>A10.2 Dense Planting to the rear of the Site incorporates:</p> <ul style="list-style-type: none"> • 1 shade tree for an average of every 75 m², growing to the Building eave Height within 5 years of planting; • screening shrubs to grow to 3 metres in Height within 2 years of planting; • low shrubs, groundcovers and mulch to completely cover unsealed ground. <p>A10.3 Dense Planting to the side boundaries incorporates:</p> <ul style="list-style-type: none"> • trees planted for an average of every 10 metres where adjacent to a Building; • low shrubs, groundcovers and mulch to completely cover unsealed ground. 	Additional landscaping is not proposed at this time. Connection to services is not proposed therefore landscaping would be difficult to establish and maintain without a water supply.
P11 Landscaping for non-residential development enhances the streetscape and the visual appearance of the development.	<p>A11.1 Dense Planting along the front boundary of the Site where a Building is Setback from the front alignment, incorporates:</p> <ul style="list-style-type: none"> • shade canopy trees to provide shade to the Frontage of the Site within 5 years of planting where appropriate; 	Additional landscaping is not proposed at this time. Connection to services is not proposed therefore landscaping would be difficult to establish and maintain without a water supply.

	<ul style="list-style-type: none"> • landscape screening of blank walls; • low shrubs, groundcovers and mulch to completely cover unsealed ground. <p>A11.2 Dense Planting to the rear of the Site where a Building is Setback from the rear alignment, incorporates:</p> <ul style="list-style-type: none"> • 1 shade tree for an average of every 75 m² growing to the Building eave Height within 5 years of planting; • screening shrubs to grow to 3 metres in Height within 2 years of planting; • low shrubs, groundcovers and mulch to completely cover unsealed ground. <p>A11.3 Dense Planting to the side boundaries where visible from the street or adjoining a boundary to a different Planning Area, and where a Building is Setback from the side boundary, incorporates:</p> <ul style="list-style-type: none"> • trees planted for an average of every 10 metres where adjacent to a Building; • screening shrubs, low shrubs and groundcover appropriate for the amount of space, light and ventilation of the area; • low shrubs, groundcovers and mulch to completely cover unsealed ground. <p>A11.4 A minimum of 20% of shade trees and shrubs is incorporated in all areas of Landscaping growing to the Building eave Height within 5 years.</p>	
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Maintenance and Drainage

PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
P12 Landscaped areas are designed in order to be maintained in an efficient manner.	A12.1 A maintenance program is undertaken in accordance with the Maintenance Schedule in Planning Scheme Policy No 7 – Landscaping.	Additional landscaping is not proposed at this time. Connection to services is not proposed therefore landscaping would be difficult to establish and maintain without a

	<p>A12.2 A reticulated irrigation system is provided to common Landscaping and Recreation Areas and planter boxes in accordance with Australian Standards, with 1 hose cock within each area.</p> <p>A12.3 Turf areas are accessible by standard lawn maintenance equipment.</p> <p>A12.4 Plant species are selected with long life expectancy and minimal maintenance requirements where on-Site management will be limited.</p> <p>A12.5 Mulching is provided to all garden beds to reduce weed growth and to retain water, and is to be replenished every year in the ongoing maintenance program.</p>	water supply.
<p>P13 Stormwater runoff is minimised and reused in Landscaping through water infiltration, where appropriate.</p>	<p>A13.1 Adequate drainage is provided to all paving, turf and garden beds, including the use of swales, spoon drains, subsurface drainage, field gullies, rock or pebble lined Watercourses and stormwater connections.</p> <p>A13.2 Overland flow paths are not to be restricted by Landscaping works.</p> <p>A13.3 Water runoff is re-used through draining of hard surface areas towards permeable surfaces, turf, garden beds and by minimising impervious surfaces on the Site.</p>	N/A

Safety

PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
<p>P14 Tree species and their location accommodate vehicle and pedestrian sight lines.</p>	<p>A14.1 Trees located near pathways, driveways, Access points, parking areas and street corners have a minimum 3.0 metres of clear trunk.</p>	N/A
<p>P15 The landscape design enhances personal safety and reduces the potential for crime and vandalism.</p>	<p>A15.1 Security and foot lighting is provided to all common areas, including car parks, entries, driveways and pathways.</p> <p>A15.2 Hard surfaces are stable, non-slippery and useable in all</p>	N/A

	<p>weathers.</p> <p>A15.3 Bushfire hazard is minimised with planting of bushfire resistant species near bushfire prone areas, (refer to the Bushfire Risk Overlay on the relevant Locality Map).</p> <p>A15.4 Lighting for bicycle paths is provided in accordance with the relevant Australian Standards</p>	
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Utilities and Services

PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
<p>P16 The location and type of plant species does not adversely affect the function and accessibility of services and facilities and service areas.</p>	<p>A16.1 Plant species are selected and sited with consideration to the location of overhead and underground services.</p> <p>A16.2 All underground services are to be located under pathways and below the eaves of the Building.</p> <p>A16.3 Irrigation control devices are located in the common Landscaping and Recreation Area.</p> <p>A16.4 Landscaping is located to enable trade persons to Access and view meters and other mechanical equipment within the Site.</p> <p>A16.5 Landscaping does not limit Access for service vehicles or rubbish trucks to utility areas, bin enclosures or docking areas.</p> <p>A16.6 Landscaping near electric lines or substations is designed and developed so that any vegetation at maturity or Landscaping structures or works do not exceed 40 metres in Height on land:</p> <ul style="list-style-type: none"> • in an electric line shadow; or • within 5.0 metres of an electric line shadow; or within 5.0 metres of a substation boundary. <p>A16.7 Elsewhere, vegetation is planted at a distance that is further from the nearest edge of an electric line shadow or substation boundary than the expected maximum Height at maturity of the vegetation.</p>	<p>N/A</p>

	<p>A16.8 On a Site adjoining an electricity substation boundary, the vegetation foliage at maturity is not within 3.0 metres of the substation boundary.</p> <p>However, where a substation has a solid wall along any part of its boundary, foliage may extend to, but not above or beyond, that solid wall.</p>	
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3. Vehicle Parking and Access Code

Vehicle Parking Numbers

PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
<p>P1 Sufficient parking spaces are provided on the Site to accommodate the amount and type of vehicle traffic expected to be generated by the use or uses of the Site, having particular regard to:</p> <ul style="list-style-type: none"> • the desired character of the area in which the Site is located; • the nature of the particular use and its specific characteristics and scale; • the number of employees and the likely number of visitors to the Site; • the level of local accessibility; • the nature and frequency of any public transport serving the area; • whether or not the use involves the retention of an existing Building and the previous requirements for car parking for the Building; • whether or not the use involves an identified Valuable Conservation Feature and Valuable Site; and 	<p>A1.1 The minimum number of vehicle parking spaces provided on the Site is not less than the number prescribed in Schedule 1 of this Code for the particular use or uses. Where the number of spaces calculated from the Schedule is not a whole number, the number of spaces provided is the next highest whole number.</p>	<p>There is adequate area on-site for vehicle parking.</p>

<ul style="list-style-type: none"> • whether or not the use involves the retention of significant vegetation. 		
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Parking for People with Disabilities

PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
<p>P2 Parking spaces are provided to meet the needs of vehicle occupants with disabilities.</p>	<p>A2.1 For parking areas with a total number of ordinary vehicle spaces less than 50, wheelchair accessible spaces are provided as follows:</p> <ul style="list-style-type: none"> • Medical, higher education, entertainment facilities and shopping centres – 2 spaces; • All other uses – 1 space. <p>A2.2 For parking areas with 50 or more ordinary vehicle spaces, wheelchair accessible spaces are provided as follows:</p> <ul style="list-style-type: none"> • Medical, higher education, entertainment facilities and shopping centres – 3% (to the closest whole number) of the total number of spaces required; • All other uses – 2% (to the closest whole number) of the total number of spaces required. 	N/A

Motor Cycles

PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
<p>P3 In recognition that motorcycles are low Road-space transport, a proportion of the parking spaces provided may be for motorcycles. The proportion provided for motor cycles is selected so that:</p> <ul style="list-style-type: none"> • ordinary vehicles do not demand parking in the spaces reserved for motor cycles due to capacity constraints; and, • it is a reflection of the make-up of the likely vehicle fleet that uses the parking; and, 	<p>A3.1 Parking for motorcycles is substituted for ordinary vehicle parking to a maximum level of 2% per cent of total ordinary parking.</p> <p style="text-align: center;">AND</p> <p>The motorcycle parking complies with other elements of this Code.</p>	N/A

<ul style="list-style-type: none"> • it is not a reflection of the lower cost of providing motorcycle parking. 		
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Compact Vehicles

PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
<p>P4 A proportion of the parking spaces provided may be for compact vehicles. The proportion of total parking provided for compact vehicles is selected considering:</p> <ul style="list-style-type: none"> • compact vehicles spaces are not available to non-compact vehicles; and, • it is a reflection of the proportion of the likely vehicle fleet that uses the parking; and, • compact vehicle spaces are located so as to be proximate to pedestrian destinations such that they present significant inclination for use by users of compact vehicles; and, • the scale of parking spaces, likely users and the likely degree of familiarity with the availability of such spaces 	<p>A4.1 For parking areas exceeding 100 spaces for short term users or 50 spaces for long-term users, parking is provided for compact vehicles as a substitute for ordinary vehicle parking so that:</p> <ul style="list-style-type: none"> • compact vehicle parking does not exceed 10% of total vehicle parking required; and, • the parking location is proximate to the entry locations for parking users; and, • the parking provided complies with other elements of this Code. 	N/A

Bicycles Parking

PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
<p>P5 Sufficient bicycle parking spaces with appropriate security and end of trip facilities are provided on-Site to accommodate the amount of bicycles expected to be generated by the use or uses.</p>	<p>A5.1 The minimum number of bicycle parking spaces provided on Site is not less than the number prescribed in Schedule 1 of this Code, for the particular use or uses.</p>	N/A

Vehicular Access to the Site

PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
<p>P6 The location of Access points minimises conflicts and is designed to operate efficiently and safely taking into account:</p> <ul style="list-style-type: none"> • the amount and type of 	<p>A6.1 The location of the Access points is in accordance with the provisions of the relevant Australian Standards.</p> <p style="text-align: center;">AND</p> <p>Where the Site has Frontage to</p>	Existing access from Bamboo Creek Road will be utilised.

<p>vehicular traffic;</p> <ul style="list-style-type: none"> • the type of use (eg long-stay, short-stay, regular, casual); • Frontage Road traffic conditions; • the nature and extent of future street or intersection improvements; • current and future on-street parking arrangements; • the capacity of the adjacent street system; and • the available sight distance. 	<p>more than one street, the Access is from the lowest order street.</p> <p>A6.2 All redundant Accesses must be removed and a suitable barrier Erected to prevent further use of the Access.</p> <p>A6.3 Only one Access point is to be provided to each Site unless stated otherwise in another Code.</p>	
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Accessibility and Amenity for Users

PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
<p>P7 On-Site vehicle parking is provided where it is convenient, attractive and safe to use, and does not detract from an attractive or existing streetscape character.</p>	<p>A7.1 Short term visitor parking is provided at the front or on the main approach side of the Site, with easy Access to the Building entry, where such provision is in keeping with the desired character of the area in which the Site is located.</p> <p style="text-align: center;">AND</p> <p>In mixed use premises that include residential or accommodation uses (excluding, Port Douglas – Tourist Centre), at least 50% of the required number of parking spaces for the nonresidential use/s on the Site is provided in an easily accessible location on the premises, so as to be convenient to use for customers and other visitors.</p>	<p>N/A</p>
<p>P8 The layout of parking areas provides a high degree of amenity and accessibility for different users.</p>	<p>A8.1 The layout of the parking area provides for the accessibility and amenity of the following:</p> <ul style="list-style-type: none"> • People with Disabilities • Cyclists • Motorcyclists • Compact Vehicles • Ordinary Vehicles 	<p>N/A</p>

	<p>• Service Delivery Vehicles.</p> <p>A8.2 Where covered parking areas are required in accordance with Schedule 1 of this Code, sails or other secure structural forms of covering provide shade and weather protection for vehicles and passengers.</p>	
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Access Driveways

PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
P9 The dimensions of Access driveways cater for all vehicles likely to enter the Site and minimises the disruption of vehicular, cyclist and pedestrian traffic.	A9.1 Access driveways are designed in accordance with the provisions of the relevant Australian Standards.	Existing access from Bamboo Creek Road will be utilised.
P10 The surface construction materials of Access driveways within the Road reserve contribute to the streetscape and alerts pedestrians to the location of the driveway.	A10.1 Surface construction materials are consistent with the current or intended future streetscape or character of the area and contrast with the surface construction materials of any adjacent footpath.	A gravel driveway is proposed at this time.

Access for People with Disabilities

PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
P11 Access for people with disabilities is provided to the Building from the parking area and from the street.	A11.1 Access for people with disabilities is provided in accordance with the relevant provisions of the Australian Standards.	N/A

Access for Pedestrians

PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
P12 Access for pedestrians is provided to the Building from the parking area and from the street.	A12.1 Defined, safe pedestrian pathways are provided to the Building entry from the parking area and from the street.	N/A

Access for Cyclists

PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
<p>P13 Access for cyclists is provided to the Building or to bicycle parking area from the street.</p>	<p>A13.1 Access pathways for cyclists are provided in accordance with the relevant provisions of the Australian Standards.</p> <p style="text-align: center;">AND</p> <p>Where Access for cyclists is shared with Access for pedestrians and vehicles, the shared use is identified by signage and linemarking.</p>	<p>N/A</p>

Dimensions of Parking Spaces

PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
<p>P14 Parking spaces must have adequate areas and dimensions to meet user requirements.</p>	<p>A14.1 Car parking for the disabled, ordinary car parking spaces and motorcycle parking spaces meet the requirements of the relevant Australian Standards.</p> <p style="text-align: center;">AND</p> <p>Parking spaces for special vehicles that are classified in accordance with the relevant Australian Standards meet the requirements of that Standard.</p> <p style="text-align: center;">AND</p> <p>Parking spaces for standard sized buses have the following minimum dimensions:</p> <ul style="list-style-type: none"> • width: 4 metres • length: 20 metres • clear Height: 4 metres. <p style="text-align: center;">AND</p> <p>Parking spaces for compact vehicles have the following minimum dimensions:</p> <ul style="list-style-type: none"> • 15 per cent less in width measurements than required by Australian Standards for any ordinary vehicle; and, • 20 per cent less in length measurements than required by Australian Standards for any ordinary vehicle. 	<p>N/A</p>

	<p style="text-align: center;">AND</p> <p>Parking spaces for special vehicles meet the requirements dictated by the vehicle dimensions and manoeuvring characteristics and provide sufficient clearance to obstructions and adjacent vehicles to achieve a level of service to users equivalent to that specified by the relevant Australian Standards.</p> <p>A14.2 Parking spaces for bicycles meet the requirement of the relevant Australian Standard.</p>	
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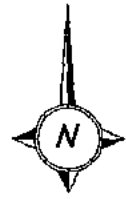
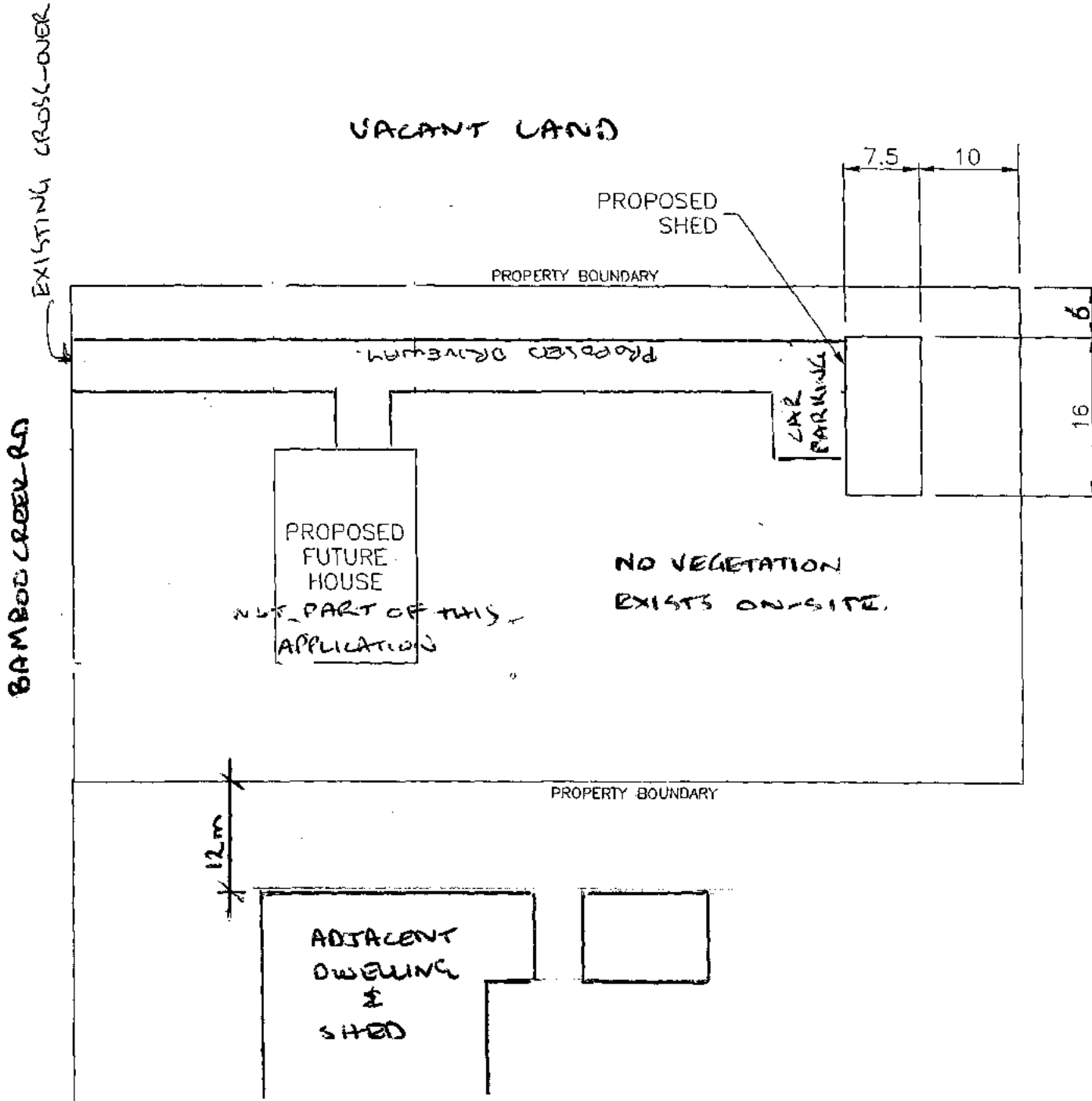
On-Site Driveways, Manoeuvring Areas and Parking/Standing Areas

PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
<p>P15 On-Site driveways, manoeuvring areas and vehicle parking/standing areas are designed, constructed and maintained such that they:</p> <ul style="list-style-type: none"> • are at gradients suitable for intended vehicle use; • consider the shared movements of pedestrians and cyclists; • are effectively drained and surfaced; and • are available at all times they are required. 	<p>A15.1 On-Site driveways, vehicle manoeuvring and loading/unloading areas:</p> <ul style="list-style-type: none"> • are sealed in urban areas: <p style="text-align: center;">AND</p> <p>upgraded to minimise noise, dust and runoff in other areas of the Shire in accordance with the relevant Locality Code;</p> <ul style="list-style-type: none"> • have gradients and other design features in accordance with the provisions of the relevant Australian Standards; and • drain adequately and in such a way that adjoining and downstream land is not adversely affected. <p>A15.2 Parking areas are kept and used exclusively for parking and are maintained in a suitable condition for parking.</p>	<p>Gravel driveway will be suitably graded and drained.</p>

Vehicle Circulation, Queuing and Set Down Areas

PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
<p>P16 Sufficient area or appropriate circulation arrangements are provided to enable all vehicles expected to use the Site to drive on and off the Site in forward gear.</p>	<p>A16.1 Circulation and turning areas comply with the provisions of the relevant Australian Standards.</p>	<p>N/A</p>

<p>P17 An on-Site circulation system provides safe and practical Access to all parking, loading/unloading and manoeuvring areas.</p>	<p>A17.1 Circulation driveways comply with the provisions of the relevant Australian Standards.</p>	<p>N/A</p>
<p>P18 Where vehicle queuing, set down or special vehicle parking is expected, sufficient queuing or parking area is provided to enable vehicles to stand without obstructing the free flow of moving traffic or pedestrian movement.</p>	<p>A18.1 Queuing and set down areas comply with the relevant Australian Standard and any relevant AUSTROAD Guidelines.</p>	<p>N/A</p>



SITE PLAN
 LOT 13 BAMBOO CREEK RD
 MIALUD

PROPOSED SITE
 APPROX SCALE 1:400