From: "Freshwater Planning" <FreshwaterPlanning@outlook.com>

Sent: Mon, 10 Jun 2024 11:20:28 +1000

To: "Dee Petersen" < DeeP@msc.qld.gov.au>

Subject: DEVELOPMENT APPLICATION - MATERIAL CHANGE OF USE - 8 Vicary Road,

Mareeba (Our Ref: F24/15)

Attachments: 2024.06.07 Town Planning Application.pdf

Good Morning MSC Planning Department,

Please find attached the Town Planning Application for a Material Change of Use – Extension to Non-Resident Workforce Accommodation located at 8 Vicary Road, Mareeba. The Town Planning Application comprises of the following:

- Town Planning Letter
- Proposal Plans
- SmartMap
- Dirt Professionals Site Assessment and Design Report
- DA Form1

Can you please provide an Invoice for payment of the MSC Lodgement Fee so that prompt payment can be arranged.

Additionally, please do not hesitate to contact me to discuss should you require any additional information or have and questions or queries,

Thanks and Regards,

Matt Andrejic



Matthew Andrejic Director

Freshwater Planning Pty Ltd

M: 0402 729 004

E: freshwaterplanning@outlook.com

A: 17 Barron View Drive, Freshwater, Q4870

Your Ref:

Our Ref: F24/15

07 June, 2024

Chief Executive Officer Mareeba Shire Council PO Box 154 MAREEBA QLD 4880 RESHWATER

Attention:

Regional Planning Group

Dear Sir,

RE: APPLICATION FOR A MATERIAL CHANGE OF USE – EXTENSION TO NON-RESIDENT WORKFORCE ACCOMMODATION. LOT 1 ON RP741791, 8 VICARY ROAD, MAREEBA.

This application is for a Material Change of Use — Extension to Non-Resident Workforce Accommodation over land described as Lot 1 on RP741791, situated at 8 Vicary Road, Mareeba is submitted on behalf of the Dusty Nuts Pty Ltd.

The application comprises of Application Form, Proposal Plans, SmartMap, Dirt Professionals Site Assessment and Design Report and this Town Planning Submission. It is understood that a Representative of the proponent will provide payment of the Application Fee to Council.

The Site

The subject land is described as Lot 1 on RP741791, Locality of Mareeba and situated at 8 Vicary Road, Mareeba. The site is owned by Dusty Nuts Pty Ltd who are also the applicants for the proposed development. The subject site comprises of a single regularly shaped allotment, has an area of 9,999 m² and contains frontage to the Unnamed Road. The site contains existing Dwelling Houses and associated structures and Approved Non Resident Workforce Accommodation, being Stage 1.

In relation to the current State Governmental Mapping the site is Not Mapped as containing Remnant Vegetation, Regrowth Vegetation and Essential Habitat nor is the site designated as including a Referable Wetland or Wetland Protection Area. The site is not located within 25 metres of a State Controlled Road nor within 25 metres of an Active Railway Corridor. It is considered that the proposal does not require Referral to the State Agencies.

The Proposed Development

The proposed development is for a Material Change of Use – Extension to Non-Resident Workforce Accommodation, over two (2) Stages in the Rural Zone of the Mareeba Shire Council's Planning Scheme. The site is located at 8 Vicary Road, Mareeba and is more particularly described as Lot 1 on RP741791. The site is regular in shape, has an area of 9,999 m² and contains Dwelling Houses and associated structures and Approved Non Resident Workforce Accommodation, being Stage 1.

The Mareeba Shire Council on 17 May, 2023 Approved, subject to Conditions, the Undefined Use (Workforce Accommodation) for Stage 1. This proposed Development Application is for the Extension of the Non-Resident Workforce Accommodation being Stages 2 and 3.

A Development Permit for a Material Change of Use is sought to facilitate the construction of forty eight (48) person Workforce Accommodation over two (2) Stages in addition to the existing 24 Approved over the site. The Page site is designated within the Rural Zone of the Mareeba Shire Planning Scheme. The proposal is to provide 2 additional necessary Workforce Accommodation supporting the immediate, surrounding, and Rural Areas of Mareeba and the Tablelands Region. This Rural Allotment contains an area of 9,999 m² and whilst including Mapped Agricultural Land is constrained by the physical shape, location and existing improvements. The proposal will ensure to take this non-viable Rural Allotment and further convert the site into additional Non-Resident Workforce Accommodation to support the surrounding Activities and Rural Industries within the Tablelands Region.

The Proponents have provided Freshwater Planning Pty Ltd with the following Letter:

Dusty Nuts Pty Ltd is applying for approval of Stages 2 & 3 of its proposed development at 8 Vicary Rd. Due to numerous requests for worker accommodation.

Having completed Stage 1 receiving Certificate of Occupancy 22/02/2024 and the first 24 guests moved in on 09/03/2024. We have had dozens of requests for large numbers (in the hundreds) looking for worker accommodation. Hence, we see the need for this application.

In the past 2 months of occupancy, there has been no problems with the guests due to our House Rules and on Site Management. Our daily cleaners are very vigilant reporting any issues to management which is delt with the same day.

Gerldine and Stephen are also on site most days and available 24 hrs should anything arise. We pride ourselves on the appearance and cleanliness of our accommodation, which we think attributes to our success thus far.

With the numbers of workers increasing to accommodate the region's agricultural sector, a purpose built facility outside town limits with effective management controls seems a better option than unsupervised overcrowded houses within the CBD of Mareeba.

We look forward to working with the Mareeba Shire Council in partly solving the housing crisis within our community.

The proposed Extension is for Stages 2 and 3 which involves the following:

Stage 2

- Construction of twelve (12) Modular Donga Units
- Covered area
- Laundries
- Kitchens
- Amenities (Toilets and Showers)

Stage 2 will allow for the accommodation of a further twenty-four (24) persons and include common areas, kitchens, laundries and toilets and showers.

Stage 3

- Construction of twelve (12) Modular Donga Units
- Covered area
- **Laundries**
- Kitchens
- Amenities (Toilets and Showers)

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Stage 3 will allow for the accommodation of a further twenty-four (24) persons and include common areas, kitchens, laundries and toilets and showers. This is not expected to be provided in the short-term and will be dependent on occupancy rates and the Agricultural aspects of the Mareeba Shire and surrounding Tablelands Region.

The site contains frontage to the Unnamed Road and proposes access from what is considered to be a limited access road. The proposal provides for the provision of the existing car parking spaces in addition to parking fronting the frontage of the site between the proposed buildings and east boundary. This parking area provides for the parking of seven (7) minibus parking which will be utilised by the proposed development. Freshwater Planning Pty Ltd understands that the 12 seater Vans and/or minibuses will be provided to service the Worker's Accommodation with the existing parking onsite for any vehicles outside of the proposed minibuses/Vans. The site, whilst physically constrained, contains ample room for vehicle parking outside of any proposed wastewater storage, if additionally required.

The site will be connected to Water Supply from the channel for the non-potable Water Supply and Bore Water and Holding Tanks for potable Water Supply. Landscaping in the form of screening hedges/gardens with the existing Landscaping to be maintained and enhanced and extended with the provision of Stage 2 and Stage 3. Fencing is existing and the proposal provides for additional Landscaping as per annotated on the Proposal Plan. The proponents believe that the existing Fencing, Landscaping and proposed additional Landscaping is acceptable Landscaping for the proposed Use within the existing Rural location. Is it considered that the existing Approved Conditions for Stage 1 sufficiently ameliorates any issues over the property with the proposed Use.

Attached to this Submission is a Site and Soil Report from the Dirt Professionals in relation to the Effluent Disposal of the site. Freshwater Planning Pty Ltd understand that the provision of the Dirt Professionals Report demonstrates that the proposal will not require any ERA63. The provided Report ensures that an appropriate level of Effluent Disposal is achievable over the site for the proposed Stages 2 and 3.

The proposed Extension to the existing Non-Resident Workforce Accommodation provides support through infrastructure for the accommodation of a Rural Workers associated with the Rural Activities of Mareeba and the Tablelands Region. This support will ensure the ongoing viability of Rural Industries for not only Mareeba but also the Tablelands Region, which has been clearly demonstrated to be needed with the quick occupancy of Approved Stage 1.

The site is located in the Rural Zone of the Mareeba Shire Council's Planning Scheme. A Material Change of Use for Non-Resident Workforce Accommodation is an Impact Assessable Use within this Zone. The application is Impact Assessable.

This Submission provides a comprehensive assessment of the relevant planning instruments and site context for the proposed Uses. This is supported by the attached Proposal Plans and the assessment against the relevant aspects of the Mareeba Shire Council's Planning Scheme. It is considered that the proposed development is an appropriate Use for the site, immediate vicinity and surrounding environs providing supporting Rural Services/Uses to the surrounding and local residents and Agricultural Industries of Mareeba and the Tablelands Region.

Far North Queensland Regional Plan 2009-2031

Lot 1 on RP741791 is identified as being in the Regional Landscape and Rural Production Area designation of the FNQ Regional Plan Mapping.

The proposal provides additional accommodation that supports the Rural Activities within the immediate and Page surrounding areas of Mareeba and the Tablelands Region. The Land Use Policy of the Primary Industries within the Regional Plan nominates that 'Sites and corridors for infrastructure that supports agricultural development, are identified, maintained and protected to support operation of those facilities and the ongoing operation of agricultural activities'. The proposed Extension to the existing Non-Resident Workforce Accommodation provides support through infrastructure for the accommodation of a Rural Workers associated with the Rural Activities of Mareeba and the Tablelands Region. This support will ensure the ongoing viability of Rural Industries for not only Mareeba but also the Tablelands Region, which has been clearly demonstrated to be needed with the quick occupancy of Approved Stage 1.

It is additionally noted that a separate assessment against the Regional Plan is not required due to the fact that the Tablelands Regional Council Planning Scheme appropriately advances the Far North Queensland Regional Plan 2009-2031, as it applies to the Planning Scheme area. However, the Objective of Rural Subdivisions within the FNQ Regional Plan is for 'the region's Rural Production Areas and Natural Resources are protected by limiting land fragmentation'. The proposed development is not in conflict with this Objective as it does not further fragment the existing Regional Landscape and Rural Productions Area and converts a non-viable Rural Allotment, with existing Approved Uses, into a further supporting operation for the agricultural activities of the Region.

It is considered that the proposed Material Change of Use is not in conflict with the Objectives and Intent for Regional Landscape and Rural Production Areas in the FNQ Regional Plan 2009-2031.

Rural Zone Code

The site is designated in the Rural Zone of the Mareeba Shire Planning Scheme. The Purpose of the Rural Zone 'provide opportunities for non-rural uses that are compatible with agriculture, the environmental features, and landscape character of the rural area where the uses do not compromise the long-term use of the land for rural purposes'. The proposal provides for an Extension of the Non-Rural Use that supports Agricultural Industries and Activities situated on the Tablelands. The proposal is provided over a non-viable Rural Allotment creating much needed Accommodation to compliment and support the Rural Activities within Mareeba. It is considered that the proposed development is considered to meet the Purposes of the Rural Zone and as per exactingly Approved.

Perfo	ormance outcomes	Acceptable outcomes	Comments
For s	elf-assessable and assessable deve	lopment	
Heigl	ht		
PO1 Building height takes into consideration and respects the following: (a) the height of existing buildings on adjoining premises; (b) the development potential, with		ding height takes into consideration respects the following: the height of existing buildings The description of the properties of the pr	
(c)	respect to height, on adjoining premises; the height of buildings in the vicinity of the site;	AO1.2 Buildings and structures associated with a rural activity including machinery, equipment, packing or storage buildings do not exceed 10 metres in height.	Complies Any new Buildings or structures associated with the Rural Use will not exceed 10 metres in height.

Perfo	ormance outcomes	Acceptable outcomes	Comments	
(d) (e) (f)	access to sunlight and daylight for the site and adjoining sites; privacy and overlooking; and site area and street frontage length.			P
	g, where not involving a Dwelling h —Where for Dwelling house, the se	ouse tbacks of the Queensland Development Coo	de apply.	
PO2 Development is sited in a manner that considers and respects: (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) appearance of building bulk; and (f) relationship with road corridors.		AO2.1 Buildings and structures include a minimum setback of: (a) 40 metres from a frontage to a State-controlled Road; and (b) 10 metres from a boundary to an adjoining lot.	(70 m) from the frontage of a State Controlled Road (the Kennedy Highway). The site is constrained by its	
		AO2.2 Buildings and structures, where for a Roadside stall, include a minimum setback of 0 metres from a frontage to a road that is not a State-controlled Road.	Not Applicable. Not Roadside Stall proposed.	
		AO2.3 Buildings and structures, expect where a Roadside stall, include a minimum setback of: (a) 10 metres from a frontage to a sealed road that is not a Statecontrolled road; and (b) 100 metres from a frontage to any other road that is not a Statecontrolled road;	Complies, The site is constrained by its configuration (shape). The proposed structures are setback 10.0 metres from the frontage of the site as per the existing structures. Any new structures are setback 10 metres from the frontage. Given the shape of the site and location of existing structures, it is considered that the provided setback is appropriate. The site has been meticulously designed to incorporate the natural features of the site and surrounds while ensuring appropriate amenity and safety.	
Acco	mmodation density			
PO3 The density of Accommodation activities: (a) respects the nature and density of surrounding land use; (b) is complementary and		AO3.1 Residential density does not exceed one dwelling house per lot.	Not Applicable. No Residential Density proposed.	
		of surrounding land use; AO3.2 Not Applicable.		

dwellings per lot and development is for:

a secondary dwelling; or

The proposal is for Non-Resident

Workforce Accommodation. The site is

bounded by the Road Reserve and

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area; and

subordinate to the rural and

natural landscape values of the

Performance outcomes	Acceptable outcomes	Comments
(c) is commensurate to the scale and frontage of the site.	 (b) Caretaker's accommodation and includes building work or minor building work with a maximum gross floor area of 100m²; or (c) Rural worker's accommodation. 	LeaseHold Land (Rail Trail) with a single Rural Allotment surrounding the site. No adjoining Residential Residence is located within proximity of the site. The proposal is considered to respect the nature of the surrounding Uses and provides for a Use to support the surrounding Rural Allotments. The Workforce Accommodation has been positioned appropriately.
For assessable development		
Site cover		
PO4 Buildings and structures occupy the site in a manner that: (a) makes efficient use of land; (b) is consistent with the bulk and scale of buildings in the surrounding area; and (c) appropriately balances built and natural features.	AO4 No acceptable outcome is provided.	The provision of the Extension to the Non-Resident Workforce Accommodation will be sure to make efficient Use of the land, keeping with the Rural nature, natural and physical features of the site. Any structures will be of appropriate scale and will ensure to balance the natural features of the site.
PO5 Development complements and integrates with the established built character of the Rural zone, having regard to: (a) roof form and pitch; (b) eaves and awnings; (c) building materials, colours and textures; and (d) window and door size and location.	AO5 No acceptable outcome is provided.	The proposed structures will be provided to compliment the Rural Zone and in particularly the natural characteristics of the site. The proposal is for a Non-Resident Workforce Accommodation over the site to support the immediate and surrounding Rural Activities. Any structures will ensure to reflect the proposed Uses of the site and surrounding Rural Allotments.
Amenity		
PO6 Development must not detract from the amenity of the local area, having regard to: (a) noise; (b) hours of operation; (c) traffic; (d) advertising devices; (e) visual amenity; (f) privacy; (g) lighting; (h) odour; and (i) emissions.	AO6 No acceptable outcome is provided.	The proposal is for an Extension to the Non-Resident Workforce Accommodation to support the surrounding Rural Activities within Mareeba and the Tablelands. Any development over the site will ensure not to detract the amenity of the local area instead protecting the area and surrounding allotments amenity. The proposed will reflect the existing amenity of the site and surrounding area whilst supporting the Rural Industries of Mareeba.
PO7 Development must take into account and seek to ameliorate any existing negative environmental impacts, having regard to:	AO7 No acceptable outcome is provided.	The proposal is for an Extension to the Non-Resident Workforce Accommodation to support the surrounding Rural Activities within Mareeba and the Tablelands. Any development over the site will ensure to

Perf	ormance outcomes	Acceptable outcomes	Comments
(a) (b) (c) (d) (e) (f) (g) (h) (i)	noise; hours of operation; traffic; advertising devices; visual amenity; privacy; lighting; odour; and emissions.		ameliorate any existing negative environmental impacts. The purpose of the development is to support the Rural Industries of Mareeba and the Tablelands.

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The proposed development is considered to generally comply with the Code achieving the Acceptable Outcomes and where not able to be met, or are available, meet the Performance Outcomes of the Code. The proposed development is considered appropriate and not in conflict with the Rural Zone Code as it provides for an additional supporting Use to service the immediate and surrounding Rural Industries and Townships in addition to providing an Expansion to the Approved Use to a non-viable Rural Allotment.

Accommodation Activities Code

The proposed development is for the facilitation of the Extension to the Non-Resident Workforce Accommodation provided onsite ensuring to support the Rural Industries within Mareeba and on the Tablelands. Assessment against the relevant aspects of the Accommodation Activities Code is provided below.

Performance outcomes	Acceptable outcomes	Comments						
For accepted development subject to requirements and assessable development								
All Accommodation activities, apart from Dwelling house								
PO1 Accommodation activities are located on a site that includes sufficient area: (a) to accommodate all buildings structures, open space and infrastructure associated with the use; and (b) to avoid adverse impacts on the amenity or privacy of nearby land uses.	provides the applicable minimum site area and minimum road frontage specified in Table 9.3.1.3B .	Complies, The proposed Extension to the Non-Resident Workforce Accommodation is located over the Rural site containing and area of 9,999 m² with frontage to the Unnamed Road (via Vicary Road). The site contains appropriate street frontage and sufficient area for the appropriate location of the additionally Accommodation Activities.						
All Accommodation activities, apart fr	om Tourist Park and Dwelling house							
Accommodation activities are provided with on-site refuse storage areas that are: (a) sufficient to meet the anticipated demand for refuse storage; and (b) appropriately located on the site having regard to potential odour and noise impacts on uses or the site and adjoining sites.	(a) includes a water connection; (b) is of a size and configuration to accommodate 2x240 litre bins per dwelling or accommodation unit where involving a use other than a residential care facility or retirement facility; and	Complies, The proposal can be provided with appropriate on-site Refuse Storage Areas. The site contains large areas available for the appropriately positioning to avoid any potential odour and noise impacts.						
All Accommodation activities, except	or Dwelling house							
PO3	AO3 The windows of habitable rooms:	Complies,						

Performance outcomes	Acceptable outcomes	Comments		
Accommodation activities are designed to avoid overlooking or loss of privacy for adjoining uses. Note—These provisions apply to any adjoining use, both on an adjoining site and on the same site.	(a) do not overlook the windows of a habitable room in an adjoining dwelling or accommodation unit; or (b) are separated from the windows of a habitable room in an adjoining dwelling or accommodation unit by a distance greater than: (i) 2 metres at ground level; and (ii) 8 metres above ground level; or (c) are treated with: (i) a minimum sill height of 1.5 metres above floor level; or (ii) fixed opaque glassed installed below 1.5 metres; or (iii) fixed external screens; or (iv) a 1.5 metre high screen fence along the common	Any Workforce Accommodation is positioned appropriately within the site. The site does not adjoin, in proximity of, any other Residential Improvements of the adjoining Rural Allotment. It is considered that the Accommodation Activities will not impact on any privacy for the adjoining Rural Allotment.		
PO4 Accommodation activities are provided with sufficient private and communal open space areas which: (a) accommodate a range of landscape treatments, including soft and hard landscaping;	boundary. AO4.1 Development, except for Caretaker's accommodation, Dwelling house, Dual occupancy or Home based business, includes communal open space which meets or exceeds the minimum area, dimension and design parameters	Complies, The site contains an area of 9,999 m² with substantial communal open spaces provided, if needed, in addition to the Communal kitchens, Common Areas and Laundry Areas.		
 (b) provide a range of opportunities for passive and active recreation; (c) provide a positive outlook and high quality of amenity to residents; (d) is conveniently located and 	specified in Table 9.3.1.3C. AO4.2 Development includes private open space for each dwelling or accommodation unit which meets or exceeds the minimum area, dimension and design parameters specified in	Complies, Each unit contains access to a patio area or the ability for an area. This is considered appropriate and acceptable for the proposed Use.		
easily accessible to all residents; and (e) contribute to an active and attractive streetscape.	Table 9.3.1.3D. AO4.3 Clothes drying areas are provided at the side or rear of the site so that they are not visible from the street. AO4.4 If for Dual occupancy, Multiple dwelling, Residential care facility or Retirement facility, development provides a secure storage area for each dwelling or accommodation unit which: (a) is located to facilitate loading and unloading from a motor vehicle; (b) is separate to, and does not obstruct, on-site vehicle parking or manoeuvring areas; (c) has a minimum space of 2.4m² per dwelling or accommodation unit;	Complies, Any clothes drying areas will be located within the individual Units. Laundries are provided with drying facilities. Not Applicable.		

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Performance outcomes	Acceptable outcomes	Comments
	(d) has a minimum height metres;	of 2.1
	(e) has minimum dimensio enable secure bicycle store	
	(f) is weather proof; and	
	(g) is lockable.	

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The proposed development is considered to generally comply with the Code achieving the Acceptable Outcomes and where not able to be met, or are available, meet the Performance Outcomes of the Code. The proposed development is considered appropriate and not in conflict with the Accommodation Activities Code as it provides for a supporting Use to service the immediate and surrounding Rural Industries and Townships in addition to providing an expanded Use to a non-viable Rural Allotment, extending the recently Approved Uses.

Airports Environs Overlay Code

The site is located inside of the 3km Bird and Bat Zone and within the 6 km Light Intensity Zone as designated within the Mareeba Overlay Mapping. The proposed Extension to the Non-Resident Workforce Accommodation provides for additional structures to support the Rural Industries of Mareeba and the Tablelands Region. The proposed Extension to the Workforce Accommodation has been meticulously designed not adversely affecting the site, immediate vicinity, or surrounds. The proposal is not for a waste disposal site. The proposal is not considered to contribute to the potentially serious hazard from wildlife (bird or bat) strike and will ensure that potential food and waste sources are covered and collected so that they are not accessible to wildlife. It is considered that the Airports Environs Overlay Code is Not Applicable to the proposed Non-Resident Workforce Accommodation and the proposal will not affect the Bird and Bat Strike Zone and Light Intensity Zone.

Bushfire Hazard Overlay Code

The site is Mapped as containing areas of Potential Impact Buffer (100 metres) over the site. The site is for the majority clear of any significant vegetation. It is noted that the site is bounded by Road Reserves and Leasehold Land (Rail Trail) and adjoins a Rural Banana Farm. Any future structures are able to be provided with appropriate setbacks and firebreaks if located within the Mapped Hazard and if required. The proponents will ensure that maintenance and upkeep of the site will be maintained to ensure no build-up of hazardous materials and that any existing or proposed firebreaks are maintained. It is not considered that the proposal will affect the Bushfire Hazard of the property as the site will ensure to remove any piling of fuel loads, contains existing firebreaks, and is provided with appropriate water sources. Any appropriate water source will contain sufficient storage of water for Firefighting Supply and will be provided with the appropriate connections where required.

Landscaping Code

The proposed development is for the facilitation of an Extension to the Non-Resident Workforce Accommodation located within the Rural Zone of the Mareeba Shire Planning Scheme. The site contains an area of 9,999 m² with the site containing existing Landscaping. The proponents have informed Freshwater Planning Pty Ltd that the existing buildings and landscaping will remains as is and a Landscaping and Fencing Plan is attached. Fencing is to be provided along the adjoining boundary in proximity of existing and proposed buildings for that relevant stage as per demonstrated on the attached. The site includes large areas of Communal Open Space and Communal kitchens, Common Areas, and Laundry Areas. The Landscaped Areas will include both landscaped areas and communal open space areas to be used as leisure areas within the Workforce Accommodation. Any planting located within the nominated Landscaping Area/s will be provided as the preferred plant species which is understood to comply with the requirements of the Planning Scheme Policy. Landscaping is an important feature of a site, the proposed landscaping will be sourced from a local plant nursery to ensure that readily

available and suitable plant species are planted. Plantings of various species, colour scheme, densities and heights will be selected to create a visually attractive site. The nominated Landscaping is considered to contribute to the Landscaping character of the Shire, complimenting the immediate surrounds and surrounding vicinity. The Landscaping provides for an attractive streetscape and assists in breaking up and softening the built form of the proposed Workforce Accommodation. Any plantings provided over the site will ensure suitability of the intended Workforce Accommodation Use and will not include the provision of invasive weeds. The proposed Landscaping Page is considered appropriate for the proposed development ensuring that these areas are easily maintained while allowing for casual surveillance and enhance the safety of pedestrians through the Crime Preventions Through Environmental Design (CPTED) principles.

Parking and Access Code

The site contains frontage to the Unnamed Road and proposes access from what is considered to be a limited access road. The proposal provides for the provision of the existing car parking spaces in addition to parking fronting the frontage of the site between the proposed buildings and east boundary. This parking area provides for the parking of seven (7) minibus/vans parking which will be utilised by the proposed development. Freshwater Planning Pty Ltd understands that the 12 seater Vans and/or minibuses will be provided to service the Worker's Accommodation with the existing parking onsite for any vehicles outside of the proposed minibuses/Vans. The site, whilst physically constrained, contains ample room for vehicle parking outside of any proposed wastewater storage, if additionally required. The site contains sufficient area for the manoeuvring, pick-up and drop off of vehicles/buses/vans and the likes.

The proposal provides for an additional forty-eight (48) Units with the property at fully developed containing seventy-two (72) units requiring seventy-two (72) parking spaces over three Stages however, it is common knowledge that the occupants for Workforce Accommodation either ride share or don't own a vehicle for the majority. While recent trends are starting to show that more and more Workforce Accommodation users are starting to obtain a vehicle, the majority of these vehicles ride share. The proposal provides for a considered sufficient amount of vehicle parking spaces for the proposed Use, in addition to this the proposed development contains the ability for the provision of seven 12-seater Vans and minibuses, if needed, to ensure that sufficient and suitable vehicle spaces are provided for the development.

The dimensions of the proposed car parking spaces can satisfy the requirements of Australian Standard AS2890.1 and all parking spaces/driveway areas will be appropriately sealed. It is considered that the proposed development is not in conflict with the Purpose or Intent of the Parking and Access Code and is acceptable.

Works, Services, and Infrastructure Code

The proposed development is for the facilitation of an Extension to the Non-Resident Workforce Accommodation located within the Rural Zone of the Mareeba Shire Planning Scheme. The site contains frontage to the Unnamed Road and proposes access from what is considered to be a limited access road. The site will be connected to Water Supply from the channel for the non-potable Water Supply and Bore Water and Holding Tanks for potable Water Supply. Landscaping in the form of screening hedges/gardens with the existing Landscaping to be maintained and enhanced and extended with the provision of Stages 2 and 3 and as per the attached Landscaping and Fencing Plan. Fencing can be provided on the adjoining boundary in proximity of the existing and proposed buildings (curtilages) as per attached. The proposal will ensure that any additional Stormwater collected from the proposed Workforce Accommodation will be dispersed over the site or directed to the lawful point of discharge.

Attached to this Submission is a Site and Soil Report from the Dirt Professionals in relation to the Effluent Disposal of the site. Freshwater Planning Pty Ltd understand that the provision of the Dirt Professionals Report demonstrates that the proposal will not require any ERA63. The provided Report ensures that an appropriate level of Effluent Disposal is achievable over the site for the proposed Stages 2 and 3.

The vacant site is generally flat with any Filling or Excavation anticipated to be limited to site preparation, levels Page and internal servicing or be provided as a part of an Operational Works Approval.

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It is considered that the proposed Non-Resident Workforce Accommodation is not in conflict with the Purposes of the Works, Services, and Infrastructure Code. The proposal is considered acceptable and appropriate.

Conclusion

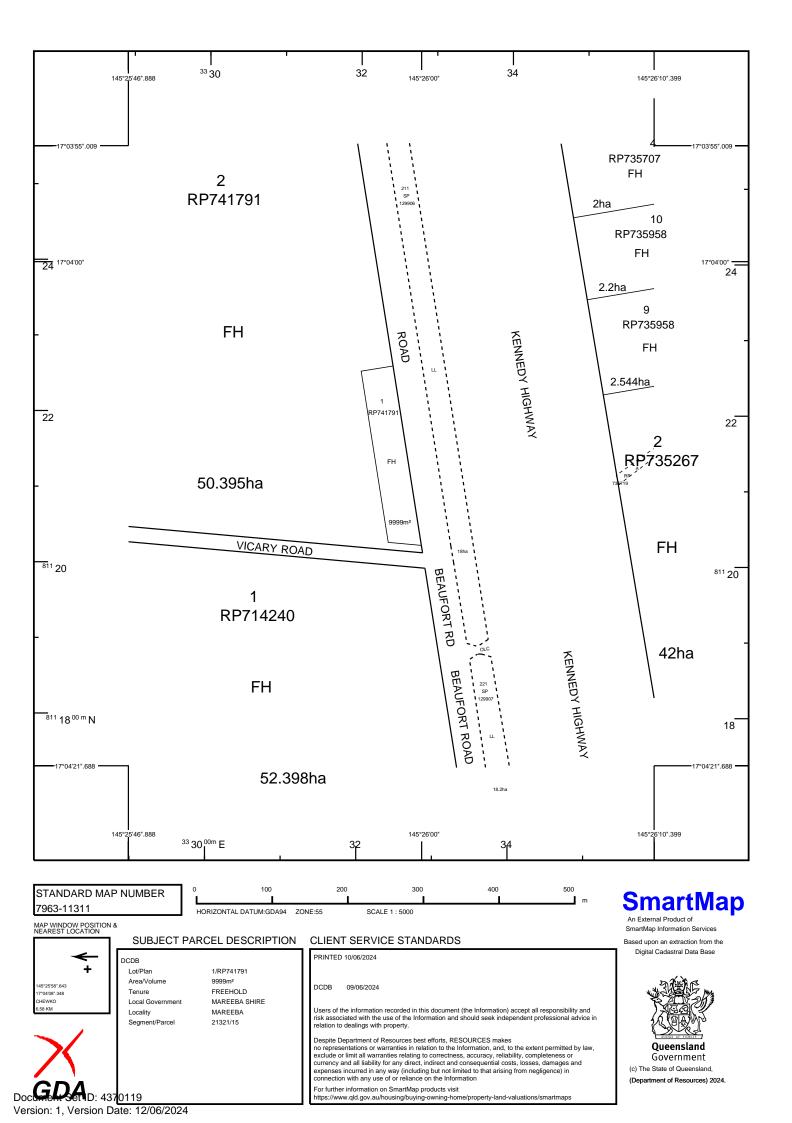
It is considered that the proposed development being a Material Change of Use to facilitate the Extension of the Non-Resident Workforce Accommodation over land described as Lot 1 on RP741791 is appropriate. The proposed design of this development represents a small-scale development that has mitigated all possible negative effects of the surrounding environment maintaining and enhancing an attractive amenity. In particular, the proposed development:

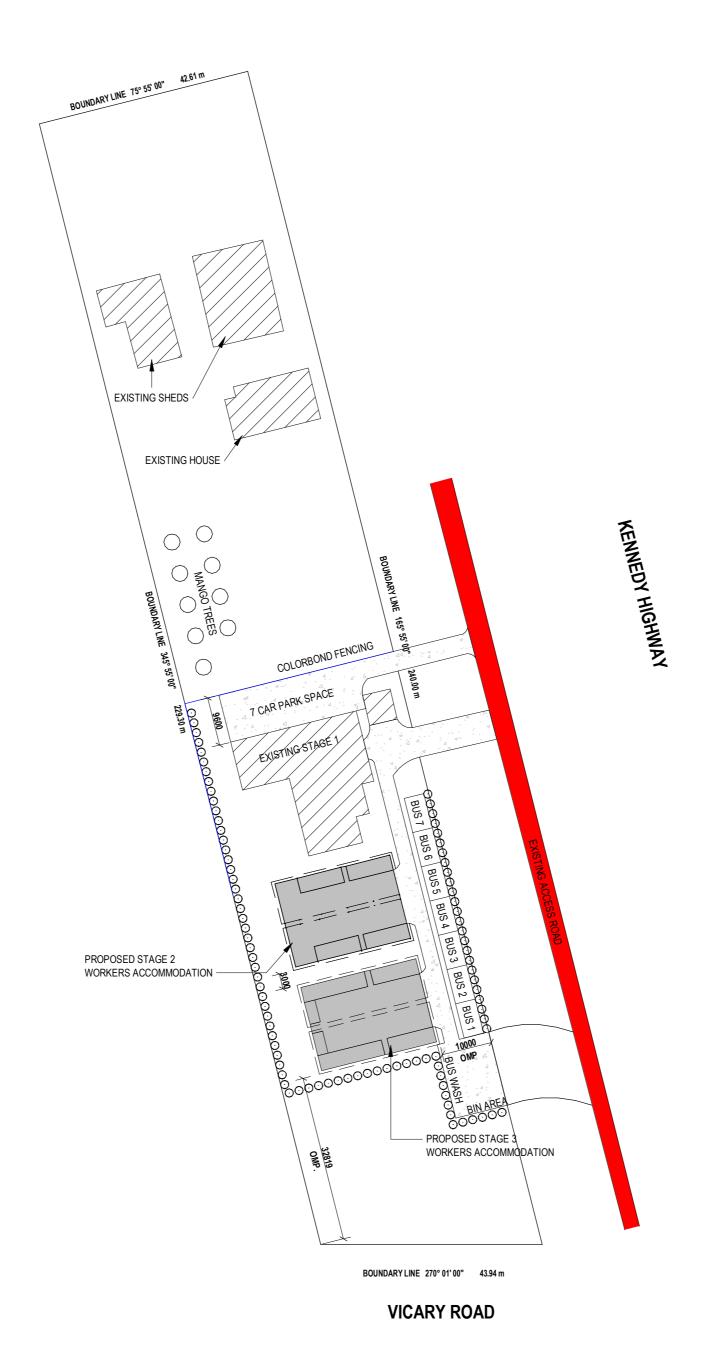
- Further converts a non-viable Rural Allotment into a Supporting Operation for the Agricultural Activities of the Region;
- Can meet the Performance Outcomes and the Purpose of the Accommodation Activities Codes;
- Is not in conflict with the Intent or Purposes for land designated in the Rural Zone, as it provides for additional supporting Uses to the Shire's Rural Industries;
- Provides for appropriate and acceptable level of servicing without compromising the environmental values of the Shire and Mareeba;
- Will encompass no significant negative impacts to the existing nature and amenity of the area, instead enhancing the amenity and character as the proposed Extension provides an additional attractive necessary service supporting the Rural Activities of Mareeba and the surrounding Townships;
- Is not in conflict with the Regional Plan's Regional Landscape and Rural Production Area Designation as the proposal provides additional necessary services to Mareeba which will continue to support the communities needs of the Mareeba Township and Region;
- The proposed development is for the Extension to the Approved Workforce Accommodation within the Mareeba Township ensuring additional Accommodation Activities to support the surrounding Mareeba Township and environs. This helps to cement Mareeba as a Major Urban Area and Regional Centre of the Tablelands while providing a much needed Use within the Township; and
- Provides for additional Workers Accommodation to that already Approved to aid in filling the numerous requests for additional Accommodation within Mareeba.

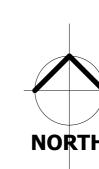
Freshwater Planning Pty Ltd request that Council provide a copy of the Draft Conditions with sufficient time for review prior to issuing a Decision Notice over the site or tabulating and Item on the Agenda. If you have any queries, please do not hesitate to contact Freshwater Planning Pty Ltd.

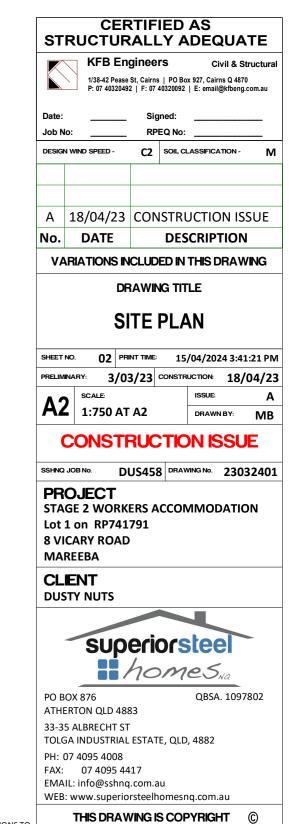
Yours faithfully,

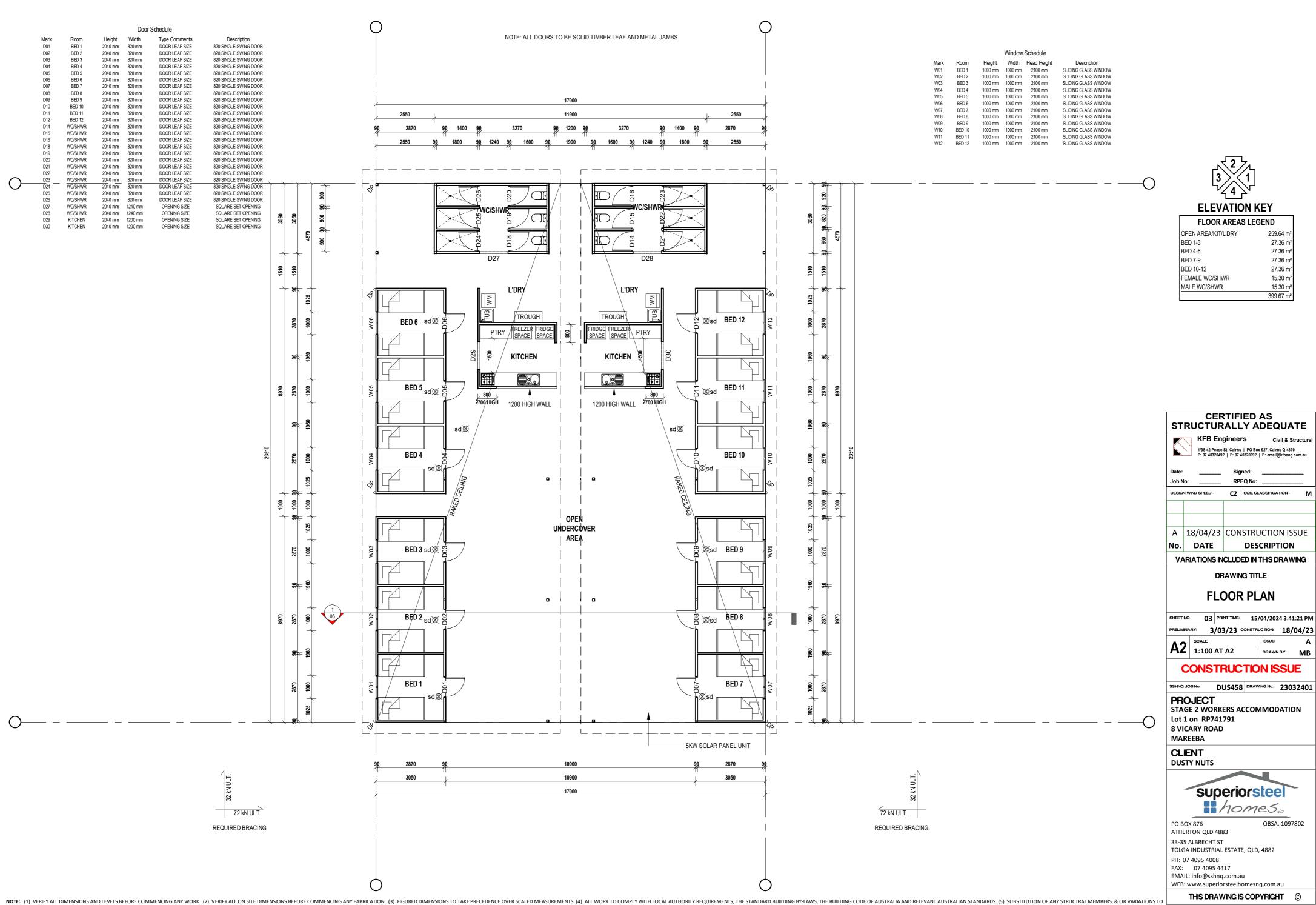
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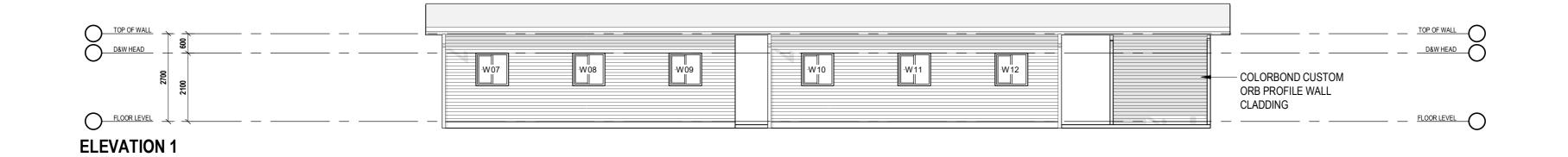


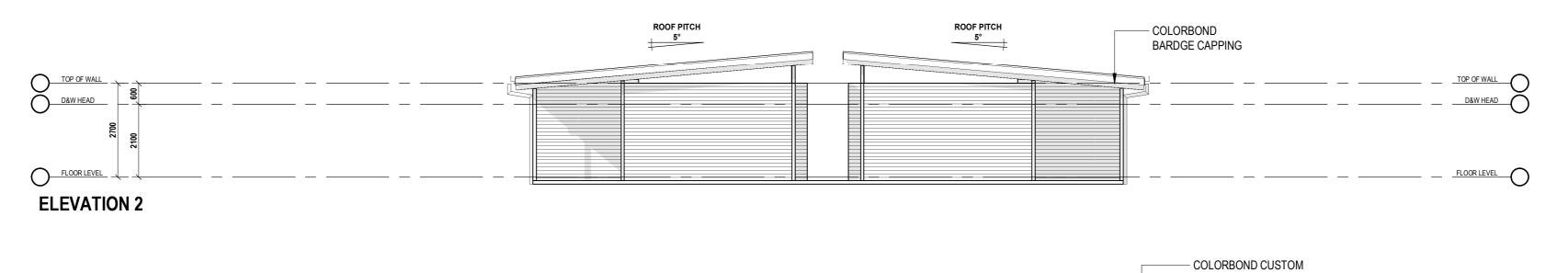




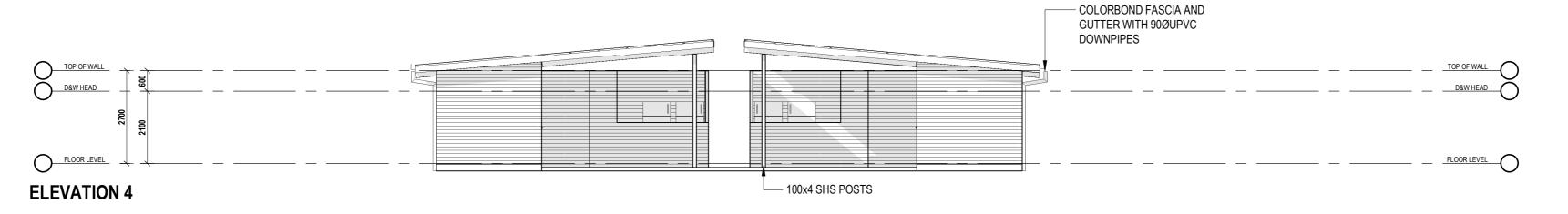
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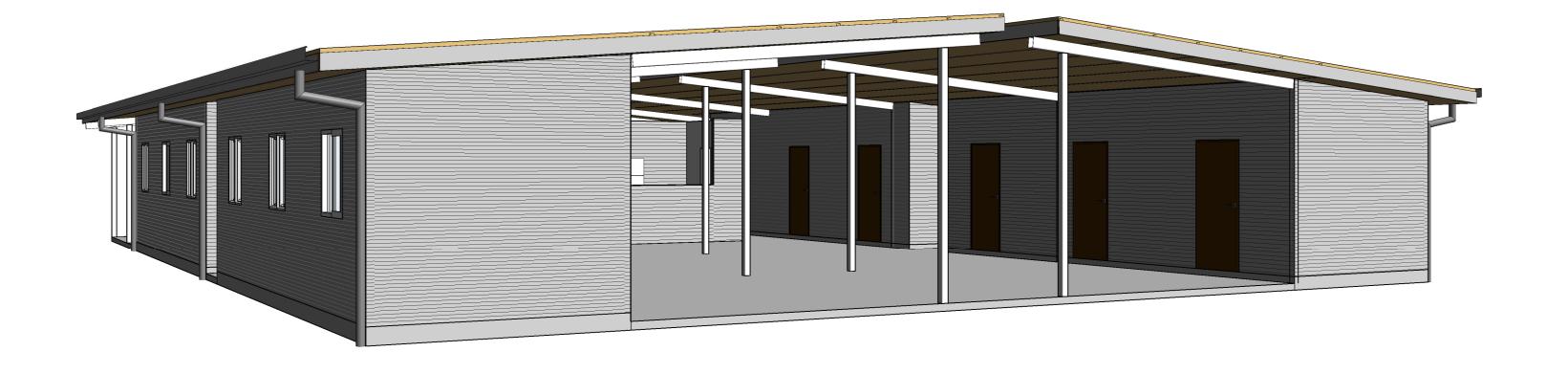


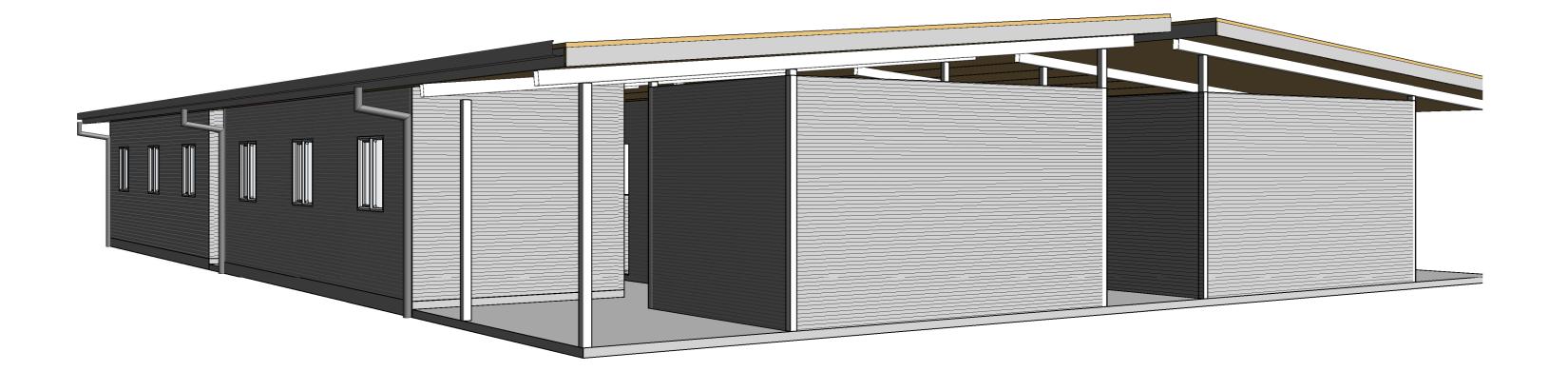


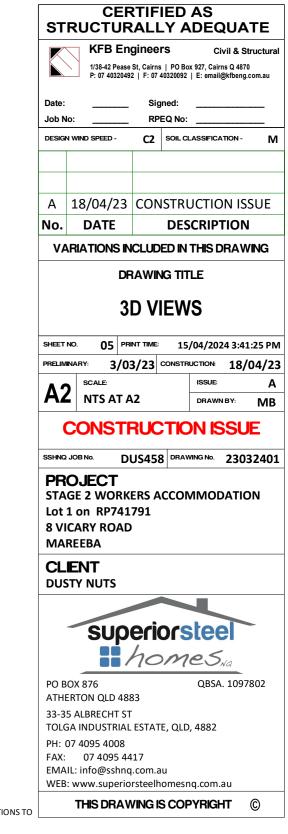




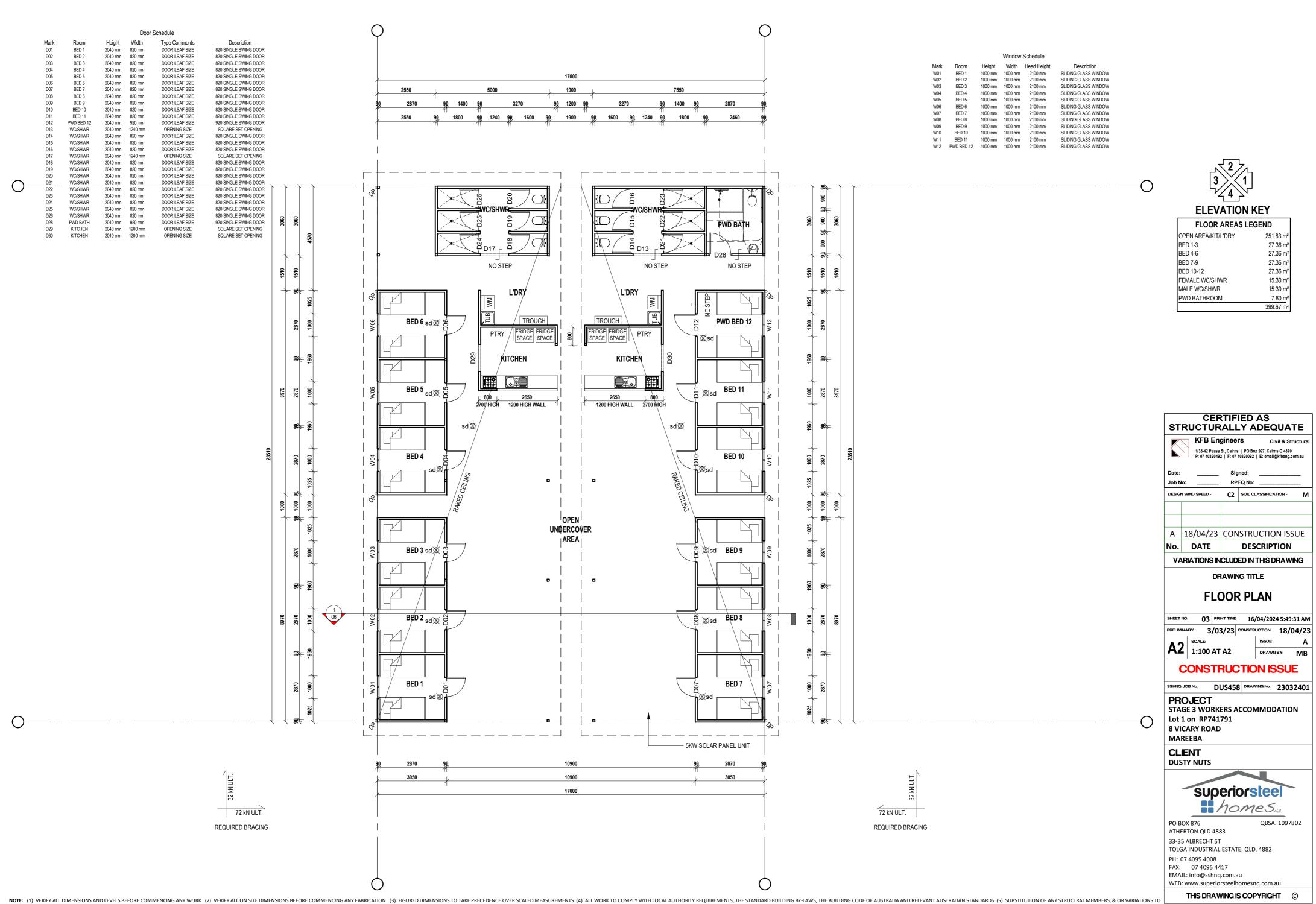






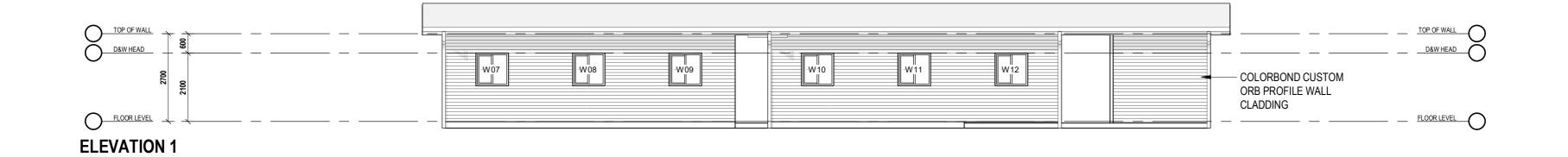


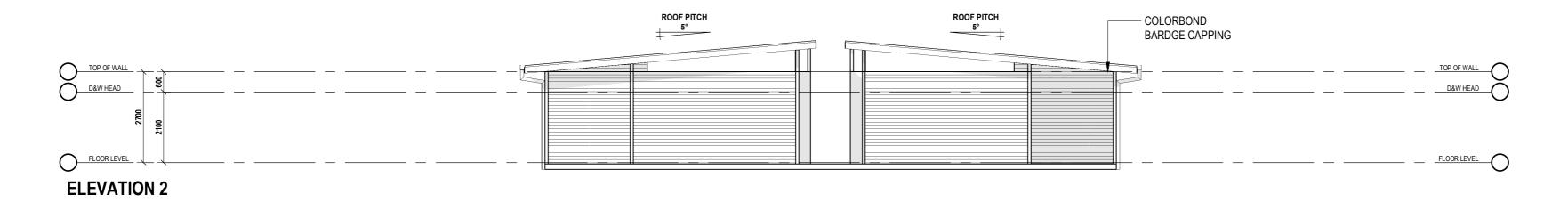
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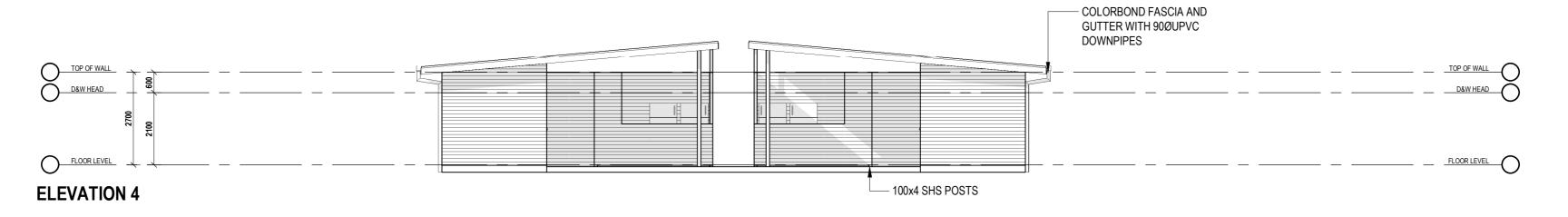
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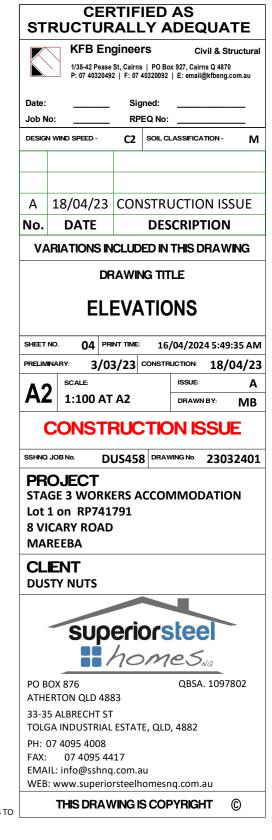
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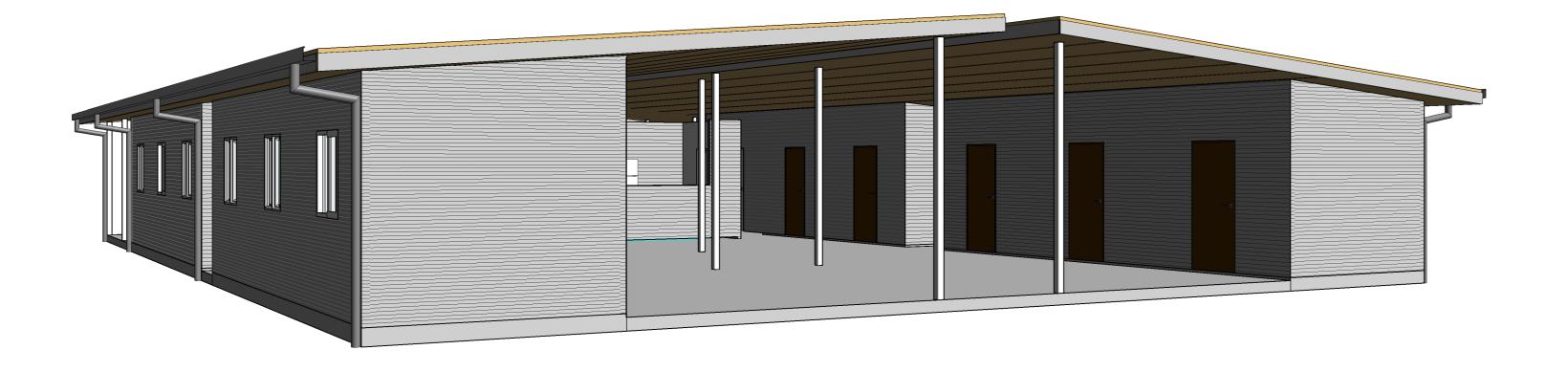


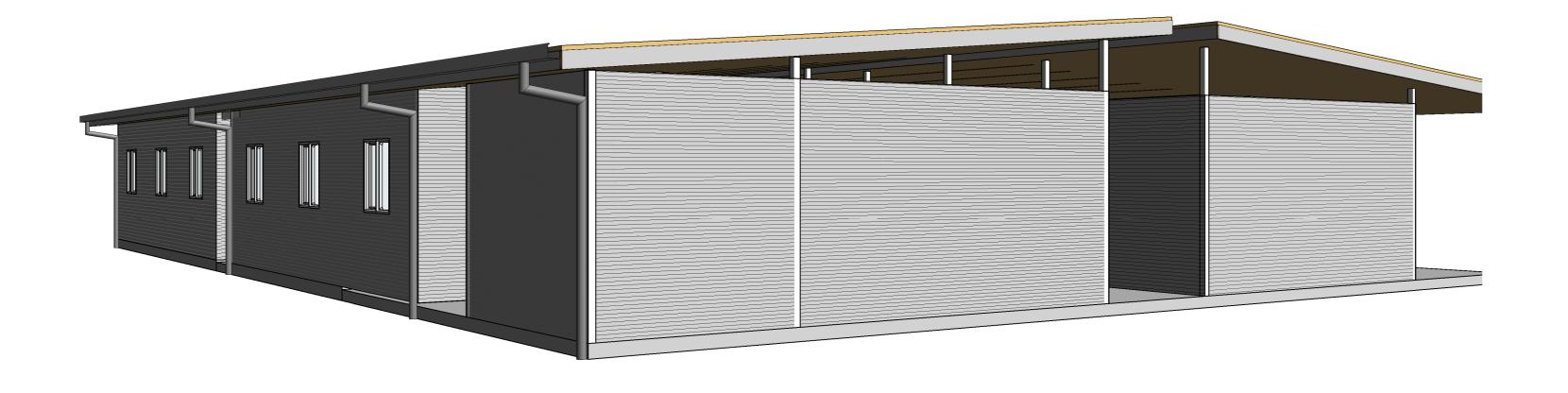


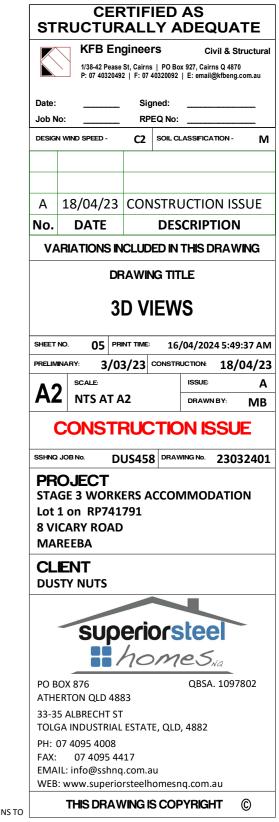


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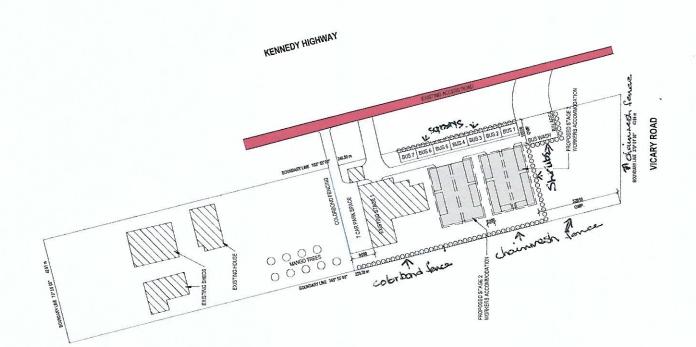


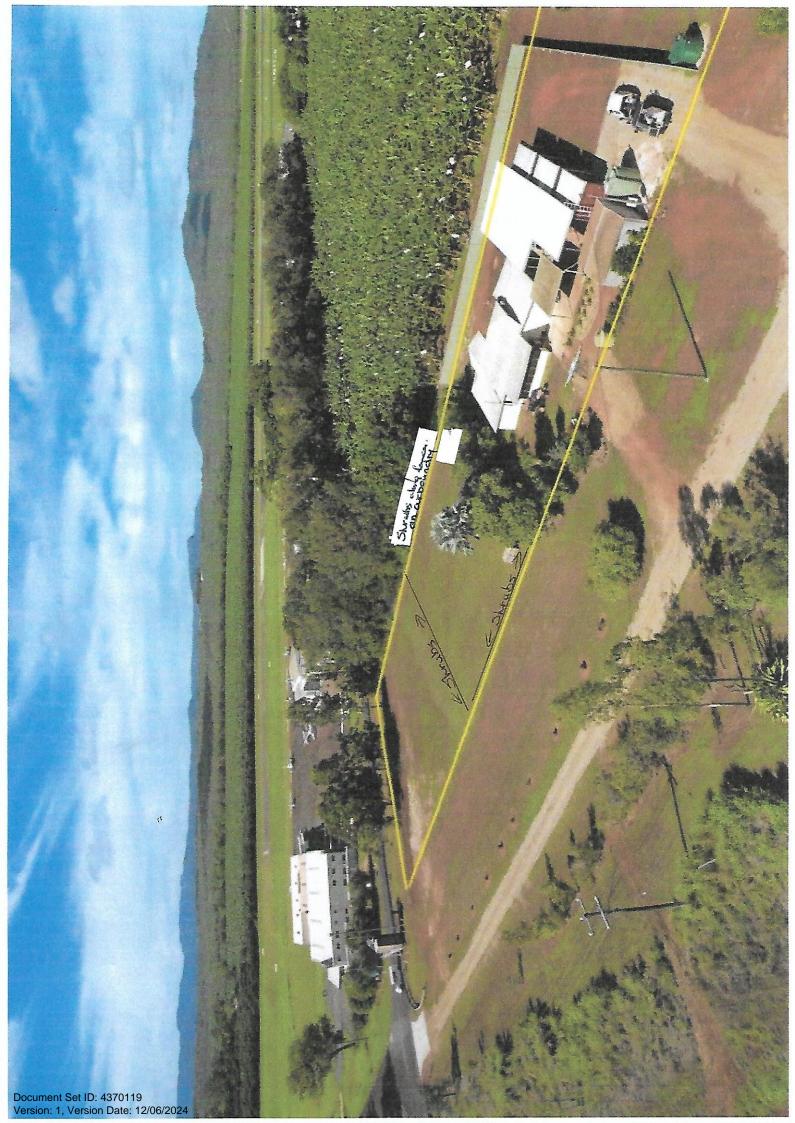


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DIRT PROFESSIONALS

Email: dirtprofessionals@bigpond.com MOBILE 0417 647 477

Dusty Nuts Pty Ltd dustynutspl@gmail.com

Tandel Investments Pty Ltd QBCC No. 1173606

17 October 2022

Site Assessment and Design 8 Vicary Road Mareeba Qld

Job No 24796

INTRODUCTION

This report presents the results of a site assessment performed at 8 Vicary Road, Mareeba. The assessment is required to determine the method of effluent disposal, as per AS/NZS 1547:2012 and the Queensland Plumbing and Wastewater Code for on-site sewerage facilities.

EXISTING CONDITIONS

At the time of the assessment the allotment was located in an established rural subdivision consisting of approximately 9999m². The allotment was grassed and flat with existing buildings. The proposed development will be constructed in 3 stages and will house a total of 72 persons. Stage 1 is to accommodate 24 persons and will be located approximately 9m from the Eastern boundary. Stage 2 will accommodate 24 persons and will be located to the South of Stage 1. Stage 3 will accommodate a further 24 persons and will be located South of stage 2.

The proposed wastewater area was grassed and flat. The proposed wastewater area is to be situated at the South end of the allotment. This will require pump wells to distribute the wastewater to the treatment area.

The wastewater will be separated into blackwater and greywater. The blackwater will total a maximum amount of 3600 litres per day and the greywater a total of 7200 litres per day. The blackwater and greywater will be distributed into separate beds located at the South end of the allotment.

FIELD WORK

To investigate subsurface conditions test holes were excavated to a depth of 1.8 m. The holes were at the proposed wastewater area. A disturbed sample was taken for laboratory testing.

SOIL PROFILE

The test holes indicate similar soil profiles. There is a layer of clay loams to the depth of the bore holes.

SOIL CATEGORY FOR DOMESTIC WASTEWATER

The clay loams are regarded as being an imperfectly drained material with a weak structure. The indicative permeability is 0.12 - 0.5 m/d. The soil category on the basis of visual inspection of the materials and AS/NZS 1547:2012, should be classified as a **Soil Category 4.**

It is proposed that an Advanced Secondary Treatment Systems is to be used for the dispersal of the black and grey wastewater. There were no drains, gullies, creeks or bores located in the area. There was no water encountered at the depth of the bore holes.

A design loading rate of 20 mm/d should be used for the sizing of the wastewater area. This shall be designed by a qualified designer based on AS/NZS 1547:2012 and the soil assessment data in this report.

RECOMMENDATIONS

Care should be taken that the base of the systems are level and no greater than 800 mm below ground level. This can be obtained by orientating the systems to follow contours, ensuring even distribution of the wastewater and avoiding any one part of the systems being more heavily loaded.

During construction rip and scarify the base of the beds to a depth of 300 mm and apply gypsum at a rate of 1 kg/m² to prevent the clay dispersing. The beds shall be closed in, as soon as possible to protect the gypsum from raindrop impact.

This company is not responsible for the building levels and falls to the wastewater system. These will need to be calculated prior to construction, to determine the building platform heights and allow for sufficient fall to the wastewater area. Consideration should be given as to how the plumber will run the pipes, as this will determine the platform height. If sufficient fall is not available to construct the system as designed, a pump well will need to be installed to distribute the wastewater.

There will be no ponding of water during seasonal rains around the septic tank, pump well and wastewater area. Diversion drains will need to be put in place to divert water from the wastewater area.

The treatment system is to be installed as per the manufacturers specifications.

VALIDITY

The excavation of a limited number of holes does not preclude the possibility of some conditions on the site being different from those encountered in the holes. Should conditions be found which differ from those described in this report, then the recommendations are not valid and this organisation should be contacted.

Yours faithfully

Angelo Tudini Director

Tandel Investments Pty Ltd T/as Dirt Professionals

Attached: Site Plan and Site Photo

AES Design Calculator, AES Pipe Layout Details & AES, Cross-sectional Details

BORE HOLE LOGS

TEST HOLE 1

0.0 - 1.5 m

Clay Loams with some sands - Orange Brown

TEST HOLE 2

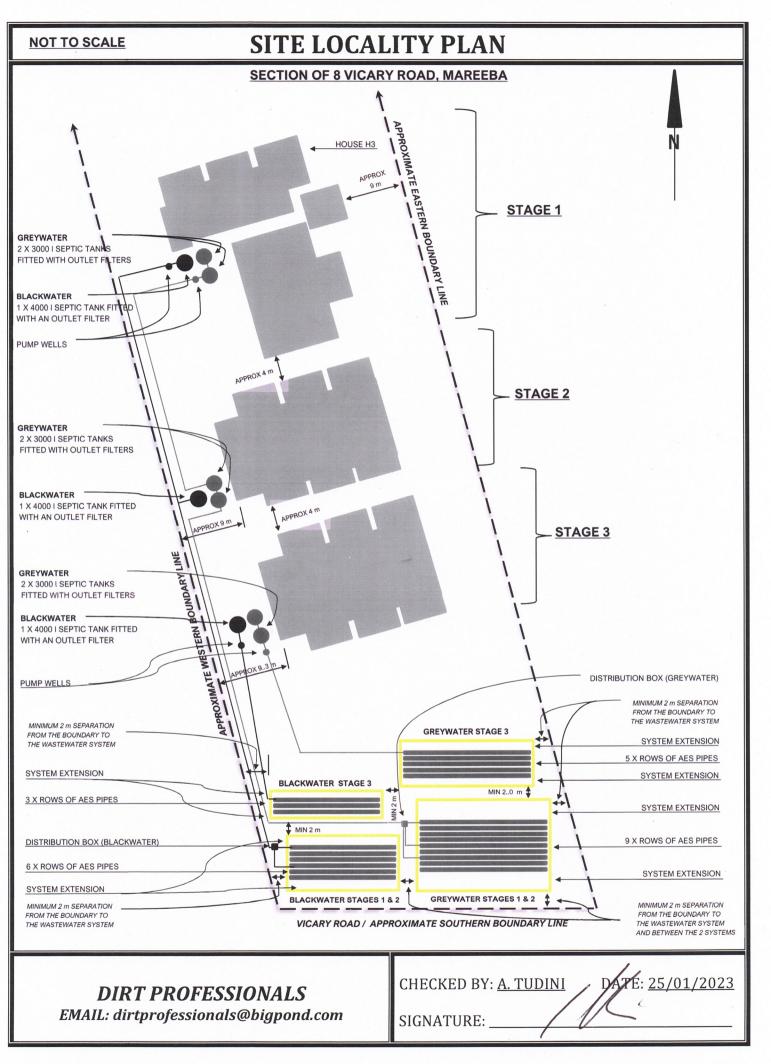
0.0 - 1.8 m

Clay Loams with some sands - Orange Brown

TEST HOLE 3

0.0 - 1.3 m

Clay Loams with some sands - Orange Brown



SITE LOCALITY PLAN

STAGES 1 & 2 and STAGE 3 SYSTEMS DIMENSIONS

GREYWATER STAGES 1 AND 2

OVERALL AES SYSTEM DIMENSIONS FOR THE PUMPED WASTEWATER SYSTEM MINIMUM AES FOOTPRINT REQUIRED 18.6 m LONG X 12.90 m WIDE = 240 m²

AES PIPE SYSTEM DIMENSIONS 18.6 m LONG X 4.50 m WIDE 9 X ROWS OF AES PIPES 6 X FULL AES PIPE LENGTHS PER ROW

AES SYSTEM EXTENSION DIMENSIONS 18.6 m LONG X 8.40 m WIDE

BLACKWATER STAGES 1 AND 2

OVERALL AES SYSTEM DIMENSIONS FOR THE PUMPED WASTEWATER SYSTEM MINIIMUM AES FOOTPRINT REQUIRED 15.6 m LONG X 7.69 m WIDE = 120.0 m²

AES PIPE SYSTEM DIMENSIONS 15.6 m I ONG X 3.15 m WIDE 6 X ROWS OF AES PIPES 5 X FULL AES PIPE LENGTHS PER ROW

AES SYSTEM EXTENSION DIMENSIONS 15.6 m LONG X 4.54m WIDE

GREYWATER STAGE 3

OVERALL AES SYSTEM DIMENSIONS FOR THE PUMPED WASTEWATER SYSTEM MINIIMUM AES FOOTPRINT REQUIRED 18.6 m LONG X 6.45 m WIDE = 120 m²

AES PIPE SYSTEM DIMENSIONS 18.6 m LONG X 2.70 m WIDE 5 X ROWS OF AES PIPES 6 X FULL AES PIPE LENGTHS PER ROW

AES SYSTEM EXTENSION DIMENSIONS 18.6 m LONG X 3.75 m WIDE

BLACKWATER STAGE 3

OVERALL AES SYSTEM DIMENSIONS FOR THE PUMPED WASTEWATER SYSTEM MINIIMUM AES FOOTPRINT REQUIRED 15.6 m LONG X 3.85 m WIDE = 60.0 m²

AES PIPE SYSTEM DIMENSIONS 15.6 m LONG X 1.80 m WIDE 3 X ROWS OF AES PIPES 5 X FULL AES PIPE LENGTHS PER ROW

AES SYSTEM EXTENSION DIMENSIONS 15.6 m LONG X 2.05 m WIDE

CHECKED BY: <u>A. TUDINI</u> SIGNATURE:_

DATE: <u>25/01/2023</u>

DIRT PROFESSIONALS

EMAIL: dirtprofessionals@bigpond.com

SITE LOCALITY PLAN

SYSTEM INSTALLATION REQUIREMENTS AND NOTES

MINIMUM SETBACK DISTANCES FOR AN ADVANCED SECONDARY TREATMENT SYSTEM							
SITE FEATURE	UP SLOPE	DOWN SLOPE	LEVEL				
BORE, WELL, DAM, WATERCOURSE, LAKE, BAY, ESTUARY, OPEN STORMWATER DRAINAGE CHANNEL OR DRAIN	10m	10 m	10 m				
PROPERTY BOUNDARIES, PEDESTRIAN PATHS, WALKWAYS, RECREATION AREAS, RETAINING WALL AND FOOTINGS FOR BUILDINGS AND OTHER STRUCTURES	2 m	4 m	2 m				
INGROUND SWIMMING POOLS	6 m	6 m	6 m				

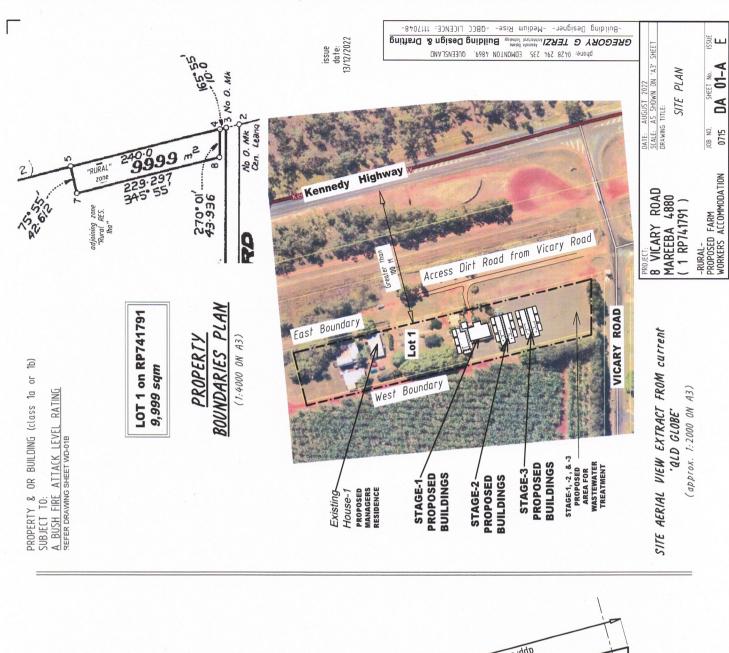
- THIS REPORT MUST BE READ IN ITS ENTIRETY PRIOR TO THE CONSTRUCTION OF THE WASTEWATER AREA.
- SUFFICIENT FALL TO THE WASTEWATER AREA MUST BE CALCULATED PRIOR TO CONSTRUCTION.
- CARE SHOULD BE TAKEN THAT THE BASE OF THE SYSTEM IS LEVEL AND NO GREATER THAN 800 mm BELOW THE EXISTING GROUND LEVEL.
- BEDS MUST BE BUILT ALONG THE CONTOURS TO ENSURE EVEN DISTRIBUTION AND AVOID ANY ONE PART OF THE BED BEING MORE HEAVILY LOADED.
- DURING CONSTRUCTION RIP AND SCARIFY THE BED TO A DEPTH OF 300 mm AND APPLY GYPSUM AT 1 kg/m² TO THE BASE OF THE BED TO PREVENT THE
 CLAY DISPERSING.
- DIVERSION DRAINS WILL NEED TO BE PUT IN PLACE TO DIVERT WATER AWAY FROM THE WASTEWATER AREA.
- THE WASTEWATER SYSTEM MUST BE INSTALLED AS PER THE MANUFACTURERS SPECIFICATIONS.
- THE LIMITED SPACE ON THIS SITE DOES NOT ALLOW FOR AN ALLOCATED RESERVE AREA. IN THE EVENT OF A SYSTEM FAILURE, THE AES SYSTEM WILL NEED TO BE REJUVINATED OR REPLACED
- FINAL PLACEMENT OF THE SEPTIC TANKS AND PUMP WELLS WILL BE AT THE DISCRETION OF THE PLUMBER.
- WE RECOMMEND THE SEPTIC TANKS BE DESLUDGED ANNUALLY.

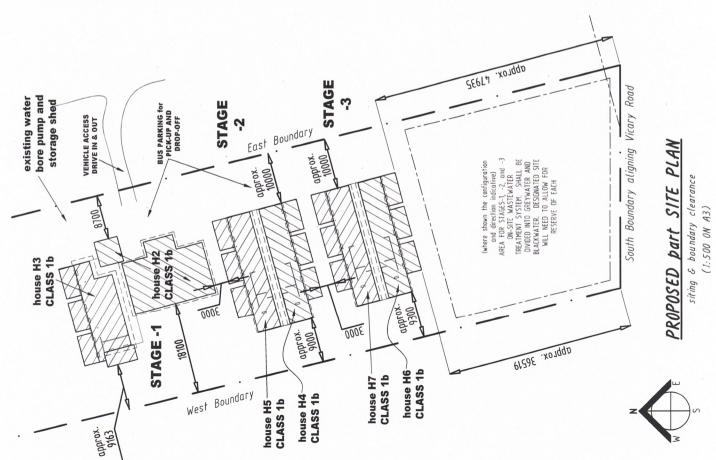
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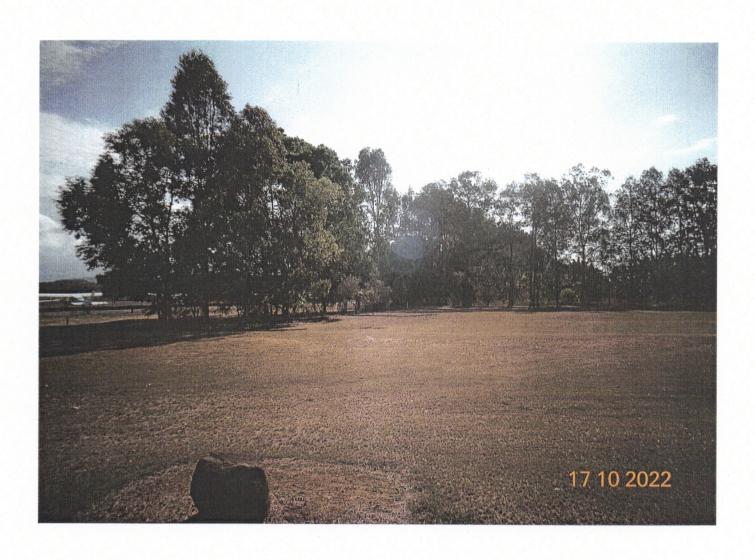
DATE: 25/01/2023

DIRT PROFESSIONALS

EMAIL: dirtprofessionals@bigpond.com









Advanced Enviro-Septic Owner's Manual

Head Office

Chankar Environmental Pty Ltd 62 Rene Street Noosaville QLD 4566

(07) 5474 4055 www.enviro-septic.com.au info@enviro-septic.com.au



User's Guide - Enviro-Septic System

Important Security instructions



It is extremely dangerous even potentially deadly to open a septic tank, pumping station or any enclosed space that is part of a wastewater treatment system. This work must be done by a person trained in enclosed space working and rescue procedures who has the necessary equipment.

The action of the bacteria on the organic matter present in the wastewater produces gases such as carbon gas (CO₂), methane gas (CH₄) and sulphuric hydrogen (H₂S). The H₂S present in the septic tank or a pumping station can cause the death of an individual in a matter of minutes. This is why this work must be left to competent personnel.



Pipes are buried near your septic installation. Please speak to your contractor or the technical service of Advanced Enviro-SepticTM in order to take all the necessary precautions prior to digging or undertaking excavation jobs near your septic system.



Please be sure that the covers of the septic tank, the pumping station, and the sampling device are always in place and that they remain accessible at all times for periodic inspections and interventions when necessary.

Advanced Enviro-Septic[™] U.S. Brevet nos. 6,461,078; 5,954,451; 6,290,429; 6,899,359; 6,792,977; 7,270,532 and 5,606,786. Other patent pending.

Enviro-Septic[®] is a trademark of Presby Environmental, Inc. Advanced Enviro-Septic[™] is a trademark of Presby Environmental, Inc. Bio-Accelerator^{MC} is a trademark of Presby Environmental, Inc.

January 2011

User's Guide - Enviro-Septic System

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January 2011

User's Guide – Advanced Enviro-Septic Introduction

Thank you for choosing the Advanced Enviro-Septic System for your septic installation. This system was developed to efficiently treat domestic wastewater. Instructions must be followed in order to maintain its treatment performance so that you can make use of it for many years.

Carefully read through this entire document and retain it in your files for future reference.

The purpose of this document

This user guide explains the proper use, procedures and inspections required in order to ensure the proper operation of your Advanced Enviro-Septic System for residential wastewater treatment.

It is the owner's responsibility to ensure that the system is used properly and according to its treatment capacity. It is also their responsibility to respect the rules and regulations in effect regarding associated council and government regulations.

Designation of the Enviro-Septic System

Name: Advanced Enviro-SepticTM Wastewater System

Application Domain: Residential Wastewater (sewage).

Class and treatment type: The Enviro-Septic system meets all the performance criteria requirements of both the Australian standard AS/NZS 1546.3: 2008, and the Queensland Plumbing and Wastewater Code: 2011 (for both Secondary and Advanced Secondary treatment)

The system cannot be used to treat wastewater to make it consumable. It is made to treat residential wastewater to an acceptable level for it to be reintroduced into the environment.

User's Guide - Enviro-Septic

Definition of the Advanced Enviro-Septic System

The Enviro-Septic system is composed primarily of two inseparable components: the rows of Advanced Enviro-SepticTM pipe and a layer of system sand.

The Enviro-Septic system must be preceded by a septic tank and a wastewater distribution device. The treated water is drained directly into the soil beneath the treatment system through a soil absorption system.

What to do if a problem occurs?

If in the course of normal use of your septic system you notice any of the following problems:

- presence of abnormal odours in the house, around the septic system or emanating from sources of drinking water,
- abnormally wet soil, presence of persistent puddles or odours in the area of the septic tank or the Enviro-Septic system,
- slow flushing toilets or other plumbing in the home,
- presence of abnormally abundant vegetation on the surface or around the septic tank or the Enviro-Septic system installation,
- flooding in the area where the Enviro-Septic system is installed,
- erosion of the land fill on or around the Enviro-Septic system,
- alarm from the pumping station if such a device is part of your installation...

...immediately contact your contractor.

Customer service and Technical support information

Please do not hesitate to contact us if you need further information.

We can be contacted at the following coordinates:

Telephone: (07) 5474 4055

Fax: (07) 5335 1691

Email: info@enviro-septic.com.au Internet site: www.enviro-septic.com.au

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Certified Contractor

The Enviro-Septic System must be installed by a licensed contractor. Certified by Chankar Environmental. Certification is obtained by attending the online "Enviro-Septic Contractor Certification Course". The Advanced Enviro-SepticTM customer service can provide the name of contractors having the proper certification to install Enviro-Septic Systems.

Enviro-Septic System Capacity

The capacity of the Enviro-Septic System depends on two elements:

- The number of Enviro-Septic Pipes
- The capacity of the underlying soil to evacuate the treated water.

Tables 1 and 2 present the capacity of each system in relation with the number of pipe installed for a 1 to 6 bedroom residence or other building with a daily flow of 1800 L/d or less. The total volume of wastewater fed to the system must not be more then what is shown in the table.

The system may also be limited by the capacity of the underlying soil to permit the infiltration and evacuation of wastewater. This value should be evaluated by the designer mandated to create the plans and estimates for your septic installation. It is, therefore, important to verify with the designer if the capacity of the soil permits complete infiltration and evacuation of the maximum amount of water able to be treated by the pipes installed.

Number of Advanced	Total Length of	Maximum Daily
Enviro-Septic Pipes	Advanced Enviro-Septic	Flow
(3.0 m each)	Pipes (m)	(L/d)
4	12	360
5	15	450
6	18	540
7	21	630
8	24	720
9	27	810
10	30	900
11	33	990
12	36	1080
13	39	1170
14	42	1260
15	45	1350
16	48	1440
17	51	1530
18	54	1620
20	60	1 200

Table 1 Enviro-Septic hydraulic capacity based on the number of pipes installed

User's Guide - Enviro-Septic System

Parameters Table 2

Testing Parameters	Advanced Enviro-Septic™ Test Results	Qld Secondary	Qld Advanced Secondary	EPA Tertiary	NSF-40 Class 1	BNQ Advanced
CBOD (mg/L)	< 2	20	10	10	< 25	<15
TSS (mg/L)	< 2	30	10	10	< 30	<15
Fecal Coliforms (CFU/100ml)	N/A ** Subsoil Installation	N/A ** Subsoil Installation	N/A ** Subsoil Installation	1000	N/A ** Subsoil Installation	50,000

Residential Wastewater Table 3 indicates the normal characteristics of raw domestic sewage.

Table 3

1 4010 5 11141	cares the morniar char	determenes of fatt don	restre se wase.
Parameter	Units	Raw Sewage	Septic Tank
			Effluent
TSS	mg/L	237-600	50-90
CBOD ₅	mg/L	210-530	140-200
Fecal Coliforms	CFU/100 ml	$10^6 - 10^{10}$	$10^3 - 10^6$

Source: Tchobanoglous and Burton (1991)

Warranty certificate

Advanced Enviro-SepticTM comes with a manufacturer's limited warranty. The warranty details are presented in Appendix A.

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The hydraulic capacities shown in table 1 are the same regulation for 1 to 6 bedroom isolated dwellings (clause 1.3). The difference between the minimum number of Enviro-Septic pipe for a similar daily flow between table 1 and 2 come after different security factors that are associated with 1 to 6 bedroom house vs other types of buildings.

Functioning of the Enviro-Septic System

The Enviro-Septic system is a passive technology which facilitates the proliferation of the bacteria responsible for wastewater treatment. It is comprised mainly of two inseparable components: the rows of Advanced Enviro-Septic pipes and a layer of system sand.

The Enviro-Septic system must be preceded by a septic tank and a distribution box (or another method of distribution). It must also be installed over a polishing leaching field.

Treatment process of the Enviro-Septic system

The rows of Advanced Enviro-Septic pipes and system sand permit the treatment and distribution of wastewater on the surface of the receiving soil (surface of the polishing leaching field).

The pipes support, first of all, the separation of particles through flotation and decantation. The water is then evacuated through perforations situated all around the pipes and through the pores of the two layers of synthetic media covering the pipes. These membranes facilitate the fixation of the microbial cultures which support wastewater treatment as well as longitudinal distribution.

The layer of sand continues the treatment process and helps in dispersing the water before it infiltrates into the natural soil. In this way, the Enviro-Septic system integrates both functions.

Diagram of the Enviro-Septic system

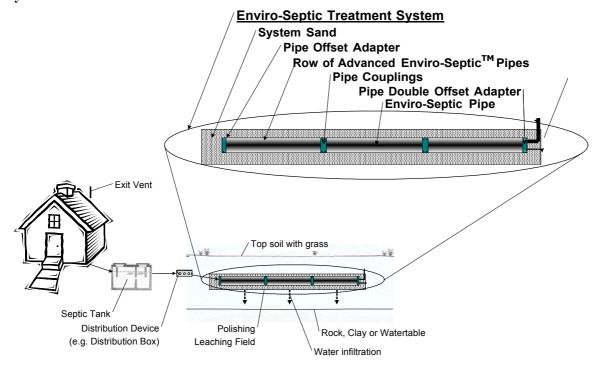


Fig. 4

Enviro-Septic System Components

Your septic installation includes several components. All of these components are parts of the chain of treatment of your installation. Table 4 presents the list of these elements. However it should be noted that some of these are only used when site conditions require them.

The table also presents a summary of inspections required for each component. More detailed information on this subject is presented in the sections that follow.

Component of the septic system	Function	Follow-up needed	Frequency	Responsible for follow-up
Septic tank	Primary wastewater treatment	Periodic emptying	According to standards and regulations in effect	Owner is responsible to have work done by qualified person
Septic Tank Effluent Filter ⁴	Retention of solids in low pressure pumped applications.	According	to manufacturer's	
Distribution systems if required for larger dual bed systems 3 options A) Gravity Dist box and flow equalizers B) Pressure distribution (feed) system C) Automatic distributing valve	Distributes the septic tank effluent to the rows of Advanced Enviro-Septic.	A) According to water level in the inspection port B) According to the		
Rows of Advanced Enviro-Septic Pipes.	Distribute and treat wastewater			
Sampling device	To verify the treatment performance of the Enviro-Septic System	Ensure that there is access to this device	Optional	Qualified person
Vent	To allow the circulation of air in the Enviro-Septic System	Ensure that the opening is not blocked	As needed	Owner
System sand	To complete the water treatment process and to improve the drainage	No		
Pumping station (optional)	Lift septic tank effluent to the Enviro-Septic System	According to suppli	er's specifications	

The effluent filter is necessary whenever the septic tank is followed by a low pressure distribution system.

Operating the Enviro-Septic System

Initial Use

At the time of installation the septic tank must be filled with clear water.

If a pumping station is used, the contractor will verify that it is functioning properly at the time of installation. The home owner must make sure that there is adequate electricity to safely operate the equipment as well as the alarm component.

The Enviro-Septic system is now ready for use.

Intermittent Use or Prolonged Absences

The Enviro-Septic system is a passive wastewater treatment system. When properly installed, it requires no particular attention for intermittent use or in the case of prolonged absence.

Enviro-Septic System Operating Instructions

The use and the maintenance of an Enviro-Septic System are relatively simple. In general, respecting the following rules will allow you use of your installation without problems for years to come.

Wastewater Volume

Large quantities of water that leave the house and enter the Enviro-Septic System in a short period of time could have a negative impact on the effectiveness of the treatment and the infiltration of wastewater causing agitation in the septic tank. A quantity of sludge or scum is likely to be put into suspension and be brought towards the system and the infiltration bed.

You must ensure that the volume of wastewater entering the Enviro-Septic System is reasonable when compared to the total daily flow the system was designed for.

After the installation, if changes are made to the residence (ex. addition of a bedroom), please contact the designer of the Enviro-Septic System. Make sure that the septic system is inspected by a qualified person to determine that it has the necessary capacity to treat and infiltrate the new daily design flow of wastewater being generated.

In the bathroom

Do:

- immediately repair any leaking faucet or toilet,
- use a reasonable quantity of toilet paper.
- Minimise or avoid bleach, antiseptic disinfectants, and amonia acids in the system

Do not:

- use disinfectant in tablet (puck) form, whether it is placed in the basin or the tank,
- throw cigarettes, cigarette butts or medication in the toilet,
- throw paper towels, paper napkins or other personal hygiene products in the toilet.

In the kitchen

Do:

- repair any leaking faucet,
- use dish soap or dishwasher soap that is low in phosphate (0 to 5%),
- use the necessary quantity of soap to do the work. Take note that the necessary quantity is often less than suggested by the manufacturer.
- use biodegradeable soap, low-phosphorus or phosphorus free detergents.

Do not:

- use a food waste disposal unit in your sink that is connected to your septic installation. If you do have a waste disposal unit, your septic tank may require more frequent pump out to remove sludge build up
- dispose of vegetables, meats, fat, oil, coffee beans, citrus products or other products into the septic system.

For the laundry

Do:

- use phosphate free detergent, preferably in liquid form. If it is not possible, use biodegradable powder detergent,
- use the necessary quantity of soap to do the work. Take note that the necessary quantity is often less than that suggested by the manufacturer,
- minimize the volume of water used for the laundry according to the quantity of clothing to wash,
- if possible spread your loads of laundry throughout the week
- prevent harsh chemicals or products entering the system (eg. paint, nappies)

Elsewhere in and around the house

Do:

- divert drainage and rain water away from the surface of the Advanced Enviro-Septic System.
- All vents should be mosquito-proofed to prevent mosquitoes from breeding in the tank.
- Roof and surface water should be redirected away from absorption trenches.

Do not:

- discharge water softener backwash into your septic system,
- discharge any water from swimming pool filters, spas or other appliances that discharge chlorinated water into your septic system.

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- let water from sump pumps, roof drains (gutters) and drainage pipes. pipes discharge into the septic system,
- dispose of solvents, paints, antifreeze, engine oil or other chemicals in the septic installation. This includes water used to wash brushes or rollers that were used with latex paint (latex paint contains elements that are harmful to septic system),
- dispose of animal litter in the septic installation.

Chemicals for septic installation

Your Enviro-Septic System does not require any starting chemical, cleaning or other additives. The bacteria that carry out the treatment are naturally present in raw domestic sewage. Any chemicals or additives added to the Enviro-Septic System could possibly kill these bacteria.

Ventilation

It is very important to ensure that good ventilation occurs so that the septic system functions correctly. The vent(s) installed at the ends of the septic system encourage this air circulation. It is important to make sure that the opening is not blocked and that air can circulate freely at all times. Air enters through the vent, circulates through the rows of pipes and the septic tank and travels through the plumbing of the house to exit through the roof vent.

The owner must be sure to have a roof vent and to keep it clear at all times. When a pumping station is used, a bypass pipe or an extra vent must be used to ensure proper ventilation of the system.

Heavy machinery and motorized vehicle traffic

No vehicles or heavy machinery must be driven on a septic system, whether it is before, during or after its construction. Heavy machinery or motorized vehicle traffic on the soil closes the natural pores of the soil which reduces its permeability and allows for pounding and the accumulation of water.

Vegetation

The surface of the septic system must be planted with grass. The grass must be cut regularly in order to encourage growth without the use of fertilizers. Vegetation cover contributes to the elimination of nitrogen and phosphorus.

It is important not to plant trees or other plants with invasive roots within the proximity of the septic installation (minimum distance 3 meters).

Enviro-Septic System Maintenance

Septic Tank Maintenance

The septic tank preceding the Enviro-Septic System must be pumped out regularly (every 3-5 years for normal residential use or sludge exceeds 2/3 of the tank). Verify the current regulation, or get in touch with relevant council or government authorities.

If the septic tank is not emptied regularly, an increasingly large amount of solids and grease in suspension will leave the septic tank and end up in the treatment system and in time the performance of the Enviro-Septic System may be affected.

At all times, a professional using the proper equipment must carry out the pumping out of a septic tank

The owner is responsible to ensure his septic tank is pumped out according to council regulations. This work should always be done by a qualified person since it can be very dangerous to open a septic system without first taking the necessary precautions.

Note: It is the home owner's responsibility to make sure that at all times the septic tank lids are in their proper position and securely fastened. A lid that is not installed correctly can be harmful to the operation of the Enviro-Septic System.

Pre-filter (Septic tank effluent filter)

Effluent filter equipment is not necessary at the exit of the septic tank⁵. It is mandatory when a low pressure distribution system is used between the septic tank and the Advanced Enviro-Septic pipes.

The effluent filter must be cleaned according to the maintenance and inspection procedures provided by the manufacturer.

The effluent filter is necessary whenever the septic tank is followed by a low pressure distribution system.



Under normal use, the rows of Advanced Enviro-Septic pipe do not require maintenance. It is normal to find fluctuation of the water level in the pipes. If the water level reaches 260 mm, a rejuvenation of the Enviro-Septic System must be considered. A qualified person⁶ must carry out this procedure.

⁶ There may be costs related to this operation, if the problem is due to improper use of the system or due to a design or installation problem.

Vent

The owner must however ensure that nothing prevents the circulation of air. There must also be a difference of at least 3 meters, at all times, between the entry vent situated at the extremity of the Enviro-Septic system and the exit vent usually located on the roof.

System Sand

There is no maintenance to be done on the system sand during normal use of the Enviro-Septic System.

Pumping station or low pressure distribution system

In certain cases, the site constraints require the use of a pumping station or a low-pressure distribution system to evenly distribute the water. The owner is then responsible to comply with the manufacturer's scheduled maintenance requirements of this equipment.

Embankment surface above the Enviro-Septic System

The surface located above the Enviro-Septic system must be covered with herbaceous vegetation. A slight slope must be given to the surface in order to help the drainage of rainwater towards the outside of the system. The grass must also be cut regularly. Finally, any depression that could be created with time must be filled in order to avoid any accumulation of water above the system and to prevent erosion.

Owner's Responsibilities

Owner's Responsibilities

The owner is responsible for:

- using the Enviro-Septic System according to the instructions presented in the user guide.
- pumping out the septic tank according to the regulations in effect.
- maintaining the effluent filter (if present), the pumping station, the pressure distribution system or the automatic wastewater distributing valve according to manufacturer's specifications and recording the information if this equipment is part of the system.
- ensuring that the vent openings are clear of any obstacle.
- providing access at all times to the Enviro-Septic system.
- adhering to the requirements of the applicable rules and regulations, in particular with regards to the discharge standards of the system to the environment.

Qualified person

The qualified person that performs the maintenance or the inspection of an Enviro-Septic System is a person who was trained and certified by Chankar Environmental or has certification from Presby Environmental to perform the tasks associated with the Enviro-Septic system. Chankar Environmental trains these people to carry out the inspections of the system, perform adjustments to the equalizers and/or carry out the rejuvenating procedure.

To obtain the name of a qualified person in your area, contact our customer service department on (07) 474 4055).

For maintenance on the pumping station and the low pressure distribution system, the owner must refer to the user guide specified by the manufacturer of these systems.

The pumping out of the septic tank must be performed by a company specializing in that field. Check with your council for the companies in your area that are qualified to do this work.

Appendix A- Presby Twenty Year Limited Warranty



PRESBY ENVIRONMENTAL, INC.

INNOVATIVE SEPTIC TECHNOLOGIES

This Twenty Year Limited Manufacturer's Warranty is provided by the Manufacturer, Presby Environmental, Inc., a New Hampshire corporation having a mailing address of 143 Airport Rd., Whitefield, New Hampshire, 03598 (hereinafter called "Presby"). This Warranty applies only to Presby Products sold by or through its duly authorized distributor Chankar Environmental an Australian corporation having a mailing address of Unit 6-62 Rene St, Noosaville, Qld 4566 (hereinafter called the "Distributor"). "Presby Products" means Presby's Enviro-Septic® leaching systems and Preesby Maze[©] with the required accessories (couplings, offset adaptor).

Warranty: Presby warrants that Presby Products are free from defect for twenty years from the date of installation but in no event more than twenty-one years from the date of manufacture. Product Defects means defects or damage to the Products caused by or occurring during the manufacturing process. This Warranty does not cover or apply to damages to the Products caused by or resulting from transit or from accident, misuse, abuse, neglect, storage, installation, repair, maintenance or from use other than normal and ordinary use of the Products. This Warranty does not apply to damages to the Products caused by or resulting from failure to install or use the Products in accordance with distributor's instructions which have been approved by Presby or failure to properly inspect and maintain the Products.

Warranty Registration, Claim Process and Remedy: Any claim under the Warranty must be in writing and received by the distributor within thirty days of the date when the facts giving rise to such claim under this Warranty become known or are otherwise discovered. The distributor must be provided with an opportunity to inspect the Products as installed. Failure to comply with these requirements renders the Warranty null and void. If, during the Warranty period, the distributor and Presby find and determine that defects in Products exist, then the distributor and Presby's sole and exclusive obligation is to either repair the Products or provide replacement Products. The distributor and Presby shall determine whether to repair the Products or provide replacement Products. The distributor and Presby shall have no obligation to remove any defective Products or to install any replacement Products. The distributor and Presby shall not be liable or responsible for any other damages or claims arising from or relating to defective Products, including but not limited to claims for general, consequential, or incidental damages, lost profits, or attorney fees.

Disclaimer: The distributor and Presby otherwise make no express warranty concerning the Products and the distributor and Presby disclaims any and all warranties, express or implied. Except as stated herein, there are no warranties express or implied, and the distributor and Presby do not warrant that the goods are merchantable or fit for any particular purpose. Any claim or controversy relating to this Warranty, or to matters of place of contracting, interpretation, performance or breach thereof, shall be brought in and adjudged in accordance with the applicable laws of state of New Hampshire.

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Appendix B - Information Specific to Your Treatment System

Information on your Enviro-	Installation date:							
Septic System	Contractor /Engineer:							
	Contractor:							
	Plumbing inspector:							
	Number of rows of pipes:							
	Hydraulic capacity (L/d):							
	Number of 3m pipes per row:							
	Water DistributionDistribution boxWastewater distributing valve							
	Septic tank capacity:							
Notes								
			_					
			-					
			_					
			_					
			_					
			_					

DA Form 1 – Development application details

Approved form (version 1.4 effective 15 December 2023) made under section 282 of the Planning Act 2016.

This form **must** be used to make a development application **involving code assessment or impact assessment**, except when applying for development involving only building work.

For a development application involving **building work only**, use *DA Form 2 – Building work details*.

For a development application involving **building work associated with any other type of assessable development** (i.e. material change of use, operational work or reconfiguring a lot), use this form (*DA Form 1*) and parts 4 to 6 of *DA Form 2 – Building work details*.

Unless stated otherwise, all parts of this form **must** be completed in full and all required supporting information **must** accompany the development application.

One or more additional pages may be attached as a schedule to this development application if there is insufficient space on the form to include all the necessary information.

This form and any other form relevant to the development application must be used to make a development application relating to strategic port land and Brisbane core port land under the *Transport Infrastructure Act 1994*, and airport land under the *Airport Assets (Restructuring and Disposal) Act 2008*. For the purpose of assessing a development application relating to strategic port land and Brisbane core port land, any reference to a planning scheme is taken to mean a land use plan for the strategic port land, Brisbane port land use plan for Brisbane core port land, or a land use plan for airport land.

Note: All terms used in this form have the meaning given under the Planning Act 2016, the Planning Regulation 2017, or the Development Assessment Rules (DA Rules).

PART 1 - APPLICANT DETAILS

1) Applicant details	
Applicant name(s) (individual or company full name)	Dusty Nuts Pty Ltd
Contact name (only applicable for companies)	
Postal address (P.O. Box or street address)	C/ Freshwater Planning Pty Ltd 17 Barronview Drive
Suburb	Freshwater
State	QLD
Postcode	4870
Country	Australia
Contact number	0402729004
Email address (non-mandatory)	FreshwaterPlanning@outlook.com
Mobile number (non-mandatory)	
Fax number (non-mandatory)	
Applicant's reference number(s) (if applicable)	F24/15

2) Owner's consent
2.1) Is written consent of the owner required for this development application?
Yes – the written consent of the owner(s) is attached to this development application
⊠ No – proceed to 3)



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PART 2 - LOCATION DETAILS

Note: P		elow and) or 3.2), and 3. n for any or all p			he development	t application. For further information, see <u>DA</u>
3.1) St	reet address	and lo	ot on pla	ın					
Street address AND lot on plan (all lots must be listed), or									
					an adjoining etty, pontoon. A				e premises (appropriate for development in
	Unit No.	Stree	t No.	Street Name and Type					Suburb
۵)		8		Vica	ry Road				Mareeba
a)	Postcode	Lot N	0.	Plan	Type and No	umber	(e.g. Rl	P, SP)	Local Government Area(s)
	4880	1		RP7	41791				Mareeba Shire Council
	Unit No.	Stree	t No.	Stree	et Name and	Туре			Suburb
L١									
b)	Postcode	Lot N	0.	Plan	Type and No	umber	(e.g. Rl	P, SP)	Local Government Area(s)
e.	oordinates o g. channel dred lace each set o	ging in N	Aoreton Ba	ay)		ent in ren	note area	as, over part of a	a lot or in water not adjoining or adjacent to land
☐ Co	ordinates of	premis	es by lo	ngitud	le and latitud	le			
Longit	ude(s)		Latitud	e(s)		Datur	n		Local Government Area(s) (if applicable)
☐ WGS84									
						_	DA94		
Other:									
☐ Co	ordinates of		•	asting	and northing)			
Eastin	g(s)	North	ing(s)		Zone Ref.	Datur			Local Government Area(s) (if applicable)
					<u></u> 54		WGS84		
							DA94		
					□ 56		ther:		
	dditional prer								
	•				this developr opment appli		oplicati	on and the d	etails of these premises have been
	t required	nedule	to tilis t	uevei	эрттетт аррп	cation			
4) Ider	ntify any of th	ne follo	wing tha	at appl	ly to the prer	nises a	nd pro	vide any rele	vant details
☐ In c	or adjacent to	o a wat	er body	or wa	tercourse or	in or a	bove a	n aquifer	
Name	of water bod	ly, wat	ercourse	e or ac	quifer:				
☐ On strategic port land under the <i>Transport Infrastructure Act 1994</i>									
Lot on plan description of strategic port land:									
Name of port authority for the lot:									
	a tidal area	·					1		
_		ernmer	nt for the	tidal	area (if applica	able):			
	of port author								
						cturing	and D	isposal) Act 2	2008
Name of airport:									

Listed on the Environmental Management Register (EN	IR) under the Environmental Protection Act 1994
EMR site identification:	
Listed on the Contaminated Land Register (CLR) unde	r the Environmental Protection Act 1994
CLR site identification:	
5) Are there any existing easements over the premises? Note: Easement uses vary throughout Queensland and are to be identified how they may affect the proposed development, see <u>DA Forms Guide.</u>	ed correctly and accurately. For further information on easements and
Yes – All easement locations, types and dimensions ar application	e included in plans submitted with this development
⊠ No	

PART 3 - DEVELOPMENT DETAILS

Section 1 – Aspects of development

6.1) Provide details about the first development aspect
a) What is the type of development? (tick only one box)
b) What is the approval type? (tick only one box)
□ Development permit □ Preliminary approval □ Preliminary approval that includes a variation approval
c) What is the level of assessment?
☐ Code assessment ☐ Impact assessment (requires public notification)
d) Provide a brief description of the proposal (e.g. 6 unit apartment building defined as multi-unit dwelling, reconfiguration of 1 lot into 3 lots):
Non-Resident Workforce Accommodation
e) Relevant plans
Note : Relevant plans are required to be submitted for all aspects of this development application. For further information, see <u>DA Forms guide</u> : <u>Relevant plans</u> .
Relevant plans of the proposed development are attached to the development application
6.2) Provide details about the second development aspect
a) What is the type of development? (tick only one box)
☐ Material change of use ☐ Reconfiguring a lot ☐ Operational work ☐ Building work
b) What is the approval type? (tick only one box)
☐ Development permit ☐ Preliminary approval ☐ Preliminary approval that includes a variation approval
c) What is the level of assessment?
☐ Code assessment ☐ Impact assessment (requires public notification)
d) Provide a brief description of the proposal (e.g. 6 unit apartment building defined as multi-unit dwelling, reconfiguration of 1 lot into 3 lots):
e) Relevant plans
Note : Relevant plans are required to be submitted for all aspects of this development application. For further information, see <u>DA Forms Guide</u> : <u>Relevant plans</u> .
Relevant plans of the proposed development are attached to the development application
6.3) Additional aspects of development
Additional aspects of development are relevant to this development application and the details for these aspects that would be required under Part 3 Section 1 of this form have been attached to this development application

Section 2 – Further devel	opment de	etails					
7) Does the proposed develo	pment appl	ication invo	lve any of the folk	owing?			
Material change of use	🛚 Yes -	- complete	division 1 if asses	sable agains	t a local p	lanning instru	ument
Reconfiguring a lot	Yes -	- complete	division 2				
Operational work	Yes -	- complete	division 3				
Building work	Yes -	- complete	DA Form 2 – Buil	ding work de	tails		
Division 1 – Material change							
Note : This division is only required to local planning instrument.	be completed i	if any part of th	he development applic	ation involves a	material ch	ange of use asse	essable against
8.1) Describe the proposed r	naterial cha	nge of use					
Provide a general description proposed use	n of the		he planning schen ch definition in a new r			r of dwelling applicable)	Gross floor area (m²) (if applicable)
Non-Resident Workforce Accommodation		Non-Resi Accommo	ident Workforce odation		48		
						-	
8.2) Does the proposed use	involve the	use of exist	ing buildings on th	ne premises?			
Yes							
⊠ No							
2110							
Division 2 – Reconfiguring a	a lot						
Note: This division is only required to	be completed i	f any part of th	ne development applica	ation involves re	configuring	a lot.	
9.1) What is the total numbe	r of existing	lots making	g up the premises'	?			
9.2) What is the nature of the	e lot reconfiç	guration? (ti	ck all applicable boxes	5)			
Subdivision (complete 10))			☐ Dividing land	d into parts by	/ agreem	ent (complete 1	1))
☐ Boundary realignment (co	mplete 12))					giving acces	s to a lot
			from a const	ructed road (d	complete 13	3))	
10) Subdivision							
10.1) For this development,	how many lo	ots are bein	g created and who	at is the inten	ded use	of those lots:	
Intended use of lots created	Reside	ential	Commercial	Industrial		Other, please specify:	
Number of lots created							
10.2) Will the subdivision be	staged?						
Yes – provide additional	details belov	V					
□ No							
How many stages will the wo	orks include	?					
What stage(s) will this develop	opment app	lication					

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DA Form 1 – Development application details
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apply to?

11) Dividing land int parts?	to parts by	agreement – hov	v many par	ts are being o	created and what	t is the intended use of the
Intended use of par	Intended use of parts created		Com	nmercial	Industrial	Other, please specify:
Number of parts cre	eated					
12) Boundary realig	gnment					
12.1) What are the	current and	d proposed areas	s for each lo	ot comprising	the premises?	
	Curren	t lot			Prop	osed lot
Lot on plan descrip	tion	Area (m²)		Lot on plan	description	Area (m ²)
40.0) \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\			10			
12.2) What is the re	eason for tr	ne boundary reali	gnment?			
13) What are the di			existing e	asements be	ing changed and	or any proposed easement?
Existing or proposed?	Width (m) Length (m)	Purpose of pedestrian a	of the easeme	ent? (e.g.	Identify the land/lot(s) benefitted by the easement
. ,						•
Division 2 On such	:!	_				
Division 3 – Operat Note : This division is only			rt of the devel	opment applicat	ion involves operation	nal work.
14.1) What is the na						
☐ Road work			Stormwat	er	☐ Water in	frastructure
Drainage work			Earthworl	KS		infrastructure
Landscaping			Signage		☐ Clearing	vegetation
Other – please s		acceptant to facil	itata tha ar	action of now	Loto? (a. a. a. de die die	(in a)
Yes – specify nu			itate the cr	eation of fiew	TOIS! (e.g. subdivis	sion)
□ No		SW IOIS.				
14.3) What is the m	nonetary va	lue of the propos	sed operation	onal work? <i>(ir</i>	nclude GST. material:	s and labour)
\$.0.10.0.1		zoc. oponem	(
•						
PART 4 – ASS	ESSME	NT MANAG	ER DET	TAILS		
15) Identify the ass	essment m	anager(s) who w	vill be asses	sing this dev	elopment applica	ation
Mareeba Shire Cou		0 ()				
16) Has the local go	overnment	agreed to apply	a supersed	ed planning s	scheme for this d	evelopment application?
☐ Yes – a copy of	the decision	on notice is attach	ned to this o	development	application	
☐ The local govern	nment is ta	ken to have agre	ed to the si	uperseded pla	anning scheme r	equest – relevant documents
⊠ No						

PART 5 - REFERRAL DETAILS

17) Does this development application include any aspects that have any referral requirements? Note: A development application will require referral if prescribed by the Planning Regulation 2017.
No, there are no referral requirements relevant to any development aspects identified in this development application − proceed to Part 6
Matters requiring referral to the Chief Executive of the Planning Act 2016:
☐ Clearing native vegetation
Contaminated land (unexploded ordnance)
☐ Environmentally relevant activities (ERA) (only if the ERA has not been devolved to a local government)
Fisheries – aquaculture
Fisheries – declared fish habitat area
Fisheries – marine plants
Fisheries – waterway barrier works
Hazardous chemical facilities
Heritage places – Queensland heritage place (on or near a Queensland heritage place)
Infrastructure-related referrals – designated premises
☐ Infrastructure-related referrals – designated prefinses
☐ Infrastructure-related referrals – State transport corridor and future State transport corridor
Infrastructure-related referrals – State transport comdor and ruture State transport comdor
Infrastructure-related referrals – state-controlled transport turiners and roture state-controlled transport turiners Infrastructure-related referrals – near a state-controlled road intersection
Koala habitat in SEQ region – interfering with koala habitat in koala habitat areas outside koala priority areas
Koala habitat in SEQ region – key resource areas
Ports – Brisbane core port land – near a State transport corridor or future State transport corridor
Ports – Brisbane core port land – environmentally relevant activity (ERA)
Ports – Brisbane core port land – tidal works or work in a coastal management district
Ports – Brisbane core port land – hazardous chemical facility
Ports – Brisbane core port land – taking or interfering with water
Ports – Brisbane core port land – referable dams
Ports – Brisbane core port land – fisheries
Ports – Land within Port of Brisbane's port limits (below high-water mark)
SEQ development area
SEQ regional landscape and rural production area or SEQ rural living area – tourist activity or sport and recreation activity
SEQ regional landscape and rural production area or SEQ rural living area – community activity
SEQ regional landscape and rural production area or SEQ rural living area – indoor recreation
SEQ regional landscape and rural production area or SEQ rural living area – urban activity
SEQ regional landscape and rural production area or SEQ rural living area – combined use
SEQ northern inter-urban break – tourist activity or sport and recreation activity
SEQ northern inter-urban break – community activity
SEQ northern inter-urban break – indoor recreation
SEQ northern inter-urban break – urban activity
SEQ northern inter-urban break – combined use
☐ Tidal works or works in a coastal management district
Reconfiguring a lot in a coastal management district or for a canal
☐ Erosion prone area in a coastal management district
☐ Urban design
☐ Water-related development – taking or interfering with water
☐ Water-related development – removing quarry material (from a watercourse or lake)
☐ Water-related development – referable dams
☐ Water-related development —levees (category 3 levees only)
☐ Wetland protection area

Matters requiring referral to the local government:				
Airport land				
Environmentally relevant activities (ERA) (only if the ERA	has been devolved to local government)			
Heritage places – Local heritage places	-4-ih4ii	an antitur		
Matters requiring referral to the Chief Executive of the di Infrastructure-related referrals – Electricity infrastructur		on entity:		
<u> </u>	<u> </u>			
Matters requiring referral to: The Chief Executive of the holder of the licence, if	not an individual			
The holder of the licence, if the holder of the licence				
☐ Infrastructure-related referrals – Oil and gas infrastruct				
Matters requiring referral to the Brisbane City Council:				
Ports – Brisbane core port land				
Matters requiring referral to the Minister responsible for	administering the <i>Transport Ii</i>	nfrastructure Act 1994:		
Ports – Brisbane core port land (where inconsistent with the	Brisbane port LUP for transport reasons)		
Ports – Strategic port land				
Matters requiring referral to the relevant port operator , if				
Ports – Land within Port of Brisbane's port limits (below				
Matters requiring referral to the Chief Executive of the re	•			
Ports – Land within limits of another port (below high-water	r mark)			
Matters requiring referral to the Gold Coast Waterways A	_			
Tidal works or work in a coastal management district (in Gold Coast waters)				
Matters requiring referral to the Queensland Fire and Em				
☐ Tidal works or work in a coastal management district (ii	nvolving a marina (more than six vessel	berths))		
18) Has any referral agency provided a referral response f				
Yes – referral response(s) received and listed below are attached to this development application				
⊠ No	Defermed a new arr	Data of referred recording		
Referral requirement	Referral agency	Date of referral response		
Identify and describe any changes made to the proposed development application that was the subject of the referral response and this development application, or include details in a schedule to this development application (if applicable).				
PART 6 – INFORMATION REQUEST				

19) Information request under Part 3 of the DA Rules
☑ I agree to receive an information request if determined necessary for this development application
☐ I do not agree to accept an information request for this development application
Note: By not agreeing to accept an information request I, the applicant, acknowledge:
 that this development application will be assessed and decided based on the information provided when making this development application and the assessment manager and any referral agencies relevant to the development application are not obligated under the DA Rules to accept any additional information provided by the applicant for the development application unless agreed to by the relevant parties
Part 3 of the DA Rules will still apply if the application is an application listed under section 11.3 of the DA Rules.
Further advice about information requests is contained in the <u>DA Forms Guide</u> .

PART 7 - FURTHER DETAILS

20) Are there any associated	development applications or c	urrent appr	ovals? (e.g. a prelim	inary approval)
	w or include details in a sched	ule to this d	evelopment appli	cation
List of approval/development application references	Reference number	Date		Assessment manager
☑ Approval☑ Development application	MCU/23/0002	17 M	ay, 2023	Mareeba Shire Council
☐ Approval ☐ Development application				
21) Has the portable long ser- operational work)	vice leave levy been paid? (onl	ly applicable to	o development applica	tions involving building work or
☐ Yes – a copy of the receip	ted QLeave form is attached to	o this devel	opment applicatio	n
	rovide evidence that the portal			
	ides the development applicatival only if I provide evidence the			
	ng and construction work is les	•	•	
Amount paid	Date paid (dd/mm/yy)	σ ιπαπ φ τος	QLeave levy nur	,
\$				
22) Is this development applic	cation in response to a show ca	ause notice	or required as a r	result of an enforcement
notice?				
Yes – show cause or enfor	cement notice is attached			
⊠ No				
23) Further legislative require	ments			
Environmentally relevant ac	<u>tivities</u>			
23.1) Is this development application also taken to be an application for an environmental authority for an Environmentally Relevant Activity (ERA) under section 115 of the <i>Environmental Protection Act 1994</i> ?				
Yes – the required attachment (form ESR/2015/1791) for an application for an environmental authority accompanies this development application, and details are provided in the table below				
⊠ No				
	tal authority can be found by searching to operate. See <u>www.business.qld.gov</u>			at <u>www.qld.gov.au</u> . An ERA
Proposed ERA number:		Proposed E	RA threshold:	
Proposed ERA name:				
Multiple ERAs are applicable to this development application and the details have been attached in a schedule to				
this development application.				
<u>Hazardous chemical facilities</u>				
23.2) Is this development application for a hazardous chemical facility?				
Yes – Form 69: Notification of a facility exceeding 10% of schedule 15 threshold is attached to this development application				
⊠ No				
Note: See www.business.qld.gov.au for further information about hazardous chemical notifications.				

Clearing native vegetation
23.3) Does this development application involve clearing native vegetation that requires written confirmation that the chief executive of the <i>Vegetation Management Act 1999</i> is satisfied the clearing is for a relevant purpose under section 22A of the <i>Vegetation Management Act 1999</i> ?
Yes – this development application includes written confirmation from the chief executive of the <i>Vegetation Management Act 1999</i> (s22A determination)
Note: 1. Where a development application for operational work or material change of use requires a s22A determination and this is not included, the development application is prohibited development. 2. See https://www.qld.gov.au/environment/land/vegetation/applying for further information on how to obtain a s22A determination.
Environmental offsets
23.4) Is this development application taken to be a prescribed activity that may have a significant residual impact on a prescribed environmental matter under the <i>Environmental Offsets Act 2014?</i>
 Yes − I acknowledge that an environmental offset must be provided for any prescribed activity assessed as having a significant residual impact on a prescribed environmental matter No
Note: The environmental offset section of the Queensland Government's website can be accessed at www.qld.gov.au for further information on environmental offsets.
Koala habitat in SEQ Region
23.5) Does this development application involve a material change of use, reconfiguring a lot or operational work which is assessable development under Schedule 10, Part 10 of the Planning Regulation 2017?
 ☐ Yes – the development application involves premises in the koala habitat area in the koala priority area ☐ Yes – the development application involves premises in the koala habitat area outside the koala priority area ☐ No
Note : If a koala habitat area determination has been obtained for this premises and is current over the land, it should be provided as part of this development application. See koala habitat area guidance materials at www.des.gld.gov.au for further information.
Water resources
23.6) Does this development application involve taking or interfering with underground water through an artesian or subartesian bore, taking or interfering with water in a watercourse, lake or spring, or taking overland flow water under the <i>Water Act 2000</i> ?
Yes – the relevant template is completed and attached to this development application and I acknowledge that a relevant authorisation or licence under the <i>Water Act 2000</i> may be required prior to commencing development
No Note: Contact the Department of Natural Resources, Mines and Energy at www.dnrme.gld.gov.au for further information.
DA templates are available from https://planning.dsdmip.qld.gov.au/ . If the development application involves:
Taking or interfering with underground water through an artesian or subartesian bore: complete DA Form 1 Template 1
 Taking or interfering with water in a watercourse, lake or spring: complete DA Form1 Template 2 Taking overland flow water: complete DA Form 1 Template 3.
Waterway barrier works 23.7) Does this application involve waterway barrier works?
☐ Yes – the relevant template is completed and attached to this development application ☐ No
DA templates are available from https://planning.dsdmip.qld.gov.au/ . For a development application involving waterway barrier works, complete DA Form 1 Template 4.
Marine activities
23.8) Does this development application involve aquaculture, works within a declared fish habitat area or removal, disturbance or destruction of marine plants?
Yes – an associated <i>resource</i> allocation authority is attached to this development application, if required under the <i>Fisheries Act 1994</i>
No Note: See guidance materials at www.daf.qld.gov.au for further information.

Quarry materials from a watercourse or lake
23.9) Does this development application involve the removal of quarry materials from a watercourse or lake under the <i>Water Act 2000?</i>
☐ Yes – I acknowledge that a quarry material allocation notice must be obtained prior to commencing development ☐ No
Note : Contact the Department of Natural Resources, Mines and Energy at www.business.qld.gov.au for further information.
Quarry materials from land under tidal waters
23.10) Does this development application involve the removal of quarry materials from land under tidal water under the <i>Coastal Protection and Management Act 1995?</i>
☐ Yes – I acknowledge that a quarry material allocation notice must be obtained prior to commencing development ☐ No
Note : Contact the Department of Environment and Science at <u>www.des.qld.gov.au</u> for further information.
Referable dams
23.11) Does this development application involve a referable dam required to be failure impact assessed under section 343 of the <i>Water Supply (Safety and Reliability) Act 2008</i> (the Water Supply Act)?
Yes – the 'Notice Accepting a Failure Impact Assessment' from the chief executive administering the Water Supply Act is attached to this development application
No Note: See guidance materials at www.dnrme.qld.gov.au for further information.
Tidal work or development within a coastal management district
23.12) Does this development application involve tidal work or development in a coastal management district?
Yes – the following is included with this development application:
Evidence the proposal meets the code for assessable development that is prescribed tidal work (only required
if application involves prescribed tidal work) A certificate of title
No No
Note : See guidance materials at <u>www.des.qld.gov.au</u> for further information.
Queensland and local heritage places
23.13) Does this development application propose development on or adjoining a place entered in the Queensland heritage register or on a place entered in a local government's Local Heritage Register ?
 ✓ Yes – details of the heritage place are provided in the table below ✓ No
Note: See guidance materials at www.des.gld.gov.au for information requirements regarding development of Queensland heritage places.
Name of the heritage place: Place ID:
<u>Brothels</u>
23.14) Does this development application involve a material change of use for a brothel?
Yes – this development application demonstrates how the proposal meets the code for a development application for a brothel under Schedule 3 of the <i>Prostitution Regulation 2014</i>
No No
Decision under section 62 of the Transport Infrastructure Act 1994
23.15) Does this development application involve new or changed access to a state-controlled road?
Yes – this application will be taken to be an application for a decision under section 62 of the <i>Transport Infrastructure Act 1994</i> (subject to the conditions in section 75 of the <i>Transport Infrastructure Act 1994</i> being satisfied)
⊠ No

Walkable neighbourhoods assessment benchmarks under Schedule 12A of the Planning Regulation
23.16) Does this development application involve reconfiguring a lot into 2 or more lots in certain residential zones (except rural residential zones), where at least one road is created or extended?
☐ Yes – Schedule 12A is applicable to the development application and the assessment benchmarks contained in schedule 12A have been considered ☐ No
Note: See guidance materials at www.planning.dsdmip.qld.gov.au for further information.

PART 8 - CHECKLIST AND APPLICANT DECLARATION

Pays identified the assessment manager in question 15 and all relevant referral requirement(s) in question 17 Note: See the Planning Regulation 2017 for referral requirements If building work is associated with the proposed development, Parts 4 to 6 of DA Form 2 — Building work is associated with the proposed development, Parts 4 to 6 of DA Form 2 — Building work details have been completed and attached to this development application Supporting information addressing any applicable assessment benchmarks is with the development application Note: This is a mandatory requirement and includes any relevant templates under question 23, a planning report and any technical reports required by the relevant categorising instruments (e.g. local government planning schemes, State Planning Policy, State Development Assessment Provisions). For further information, see DA Forms Guide. Planning Report Template. Relevant plans of the development are attached to this development application. Note: Relevant plans are required to be submitted for all aspects of this development application. For further information, see DA Forms Guide. Relevant plans. The portable long service leave levy for QLeave has been paid, or will be paid before a development permit is issued (see 21) Sp yes development permit is issued (see 21) Where an email address is provided in Part 1 of this form, I consent to receive future electronic communications from the assessment manager and any referral agency for the development application where written information is required or permitted pursuant to sections 11 and 12 of the Electronic Transactions Act 2001 Note: It is unlawful to intentionally provide false or misleading information. Privacy — Personal information collected in this form will be used by the assessment manager and/or chosen assessment manager, any relevant referral agency and/or building certifier (including any professional advisers which may be engaged by those entities) while processing, assessing and deciding the development			
requirement(s) in question 17 Note: See the Planning Regulation 2017 for reterral requirements If building work is associated with the proposed development, Parts 4 to 6 of DA Form 2 — Yes Building work details have been completed and attached to this development application Note: This is a mandatory requirement and includes any relevant templates under question 23, a planning report and any technical reports required by the relevant categorising instruments (e.g. local government planning schemes, State Planning Policy, State Development Assessment Provisions). For further information, see DA Forms Guide-Planning Report Template. Relevant plans of the development are attached to this development application. Note: Relevant plans are required to be submitted for all aspects of this development application. For further information, see DA Forms Guide-Planning Report Template. The portable long service leave levy for QLeave has been paid, or will be paid before a development permit is issued (see 21) Not applicable 25) Applicant declaration Where an email address is provided in Part 1 of this form, I consent to receive future electronic communications from the assessment manager and any referral agency for the development application where written information is required or permitted pursuant to sections 11 and 12 of the Electronic Transactions Act 2001 Note: It is unlawful to intentionally provide false or misleading information. Privacy — Personal information collected in this form will be used by the assessment manager and/or chosen assessment manager, any relevant referral agency and/or building certifier (including any professional advisers which may be engaged by those entities) while processing, assessing and deciding the development application. All information relating to this development application may be available for inspection and purchase, and/or published on the assessment manager's and/or referral agency's website. Personal information will not be disclosed for a purpose unrelated to	24) Development application checklist		
Supporting information addressing any applicable assessment benchmarks is with the development application Note: This is a mandatory requirement and includes any relevant templates under question 23, a planning report and any technical reports required by the relevant categorising instruments (e.g. local government planning schemes, State Planning Policy, State Development Assessment Provisions). For further information, see DA Forms Guide: Planning Report Template. Relevant plans of the development are attached to this development application Note: Relevant plans are required to be submitted for all aspects of this development application. For further information, see DA Forms Guide: Relevant plans. The portable long service leave levy for QLeave has been paid, or will be paid before a development permit is issued (see 21) 25) Applicant declaration By making this development application, I declare that all information in this development application is true and correct Where an email address is provided in Part 1 of this form, I consent to receive future electronic communications from the assessment manager and any referral agency for the development application where written information is required or permitted pursuant to sections 11 and 12 of the Electronic Transactions Act 2001 Note: It is unlawful to intentionally provide false or misleading information. Privacy — Personal information collected in this form will be used by the assessment manager and/or chosen assessment manager, any relevant referral agency and/or building certifier (including any professional advisers which may be engaged by those entities) while processing, assessing and deciding the development application. All information relating to this development application may be available for inspection and purchase, and/or published on the assessment manager's and/or referral agency's website. Personal information will not be disclosed for a purpose unrelated to the Planning Act 2016, Planning Regulation 2017 and the DA Rules except	requirement(s) in question 17	⊠ Yes	
Applicant declaration	• • • • • • • • • • • • • • • • • • • •		
Note: Relevant plans are required to be submitted for all aspects of this development application. For further information, see DA Forms Guide: Relevant plans. The portable long service leave levy for QLeave has been paid, or will be paid before a development permit is issued (see 21) Yes Not applicable 25) Applicant declaration By making this development application, I declare that all information in this development application is true and correct Where an email address is provided in Part 1 of this form, I consent to receive future electronic communications from the assessment manager and any referral agency for the development application where written information is required or permitted pursuant to sections 11 and 12 of the Electronic Transactions Act 2001 Note: It is unlawful to intentionally provide false or misleading information. Privacy − Personal information collected in this form will be used by the assessment manager and/or chosen assessment manager, any relevant referral agency and/or building certifier (including any professional advisers which may be engaged by those entities) while processing, assessing and deciding the development application. All information relating to this development application may be available for inspection and purchase, and/or published on the assessment manager's and/or referral agency's website. Personal information will not be disclosed for a purpose unrelated to the Planning Act 2016, Planning Regulation 2017 and the DA Rules except where:	development application Note: This is a mandatory requirement and includes any relevant templates under question 23, a planning report and any technical reports required by the relevant categorising instruments (e.g. local government planning schemes, State Planning Policy, State Development Assessment Provisions). For further information, see DA	⊠ Yes	
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	Privacy – Personal information collected in this form will be used by the assessment manager assessment manager, any relevant referral agency and/or building certifier (including any prowhich may be engaged by those entities) while processing, assessing and deciding the deve	ofessional advisers elopment application.	

such disclosure is in accordance with the provisions about public access to documents contained in the *Planning Act 2016* and the Planning Regulation 2017, and the access rules made under the *Planning Act 2016* and Planning Regulation 2017; or

- required by other legislation (including the *Right to Information Act 2009*); or
- otherwise required by law.

This information may be stored in relevant databases. The information collected will be retained as required by the *Public Records Act 2002.*

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PART 9 – FOR COMPLETION OF THE ASSESSMENT MANAGER – FOR OFFICE USE ONLY

Date received: Reference number(s):			
Notification of engagement of	of alternative assessment man	ager	
Prescribed assessment mar	nager		
Name of chosen assessmer	nt manager		
Date chosen assessment m	anager engaged		
Contact number of chosen a	ssessment manager		
Relevant licence number(s)	of chosen assessment		
manager			
QLeave notification and pay			
Note: For completion by assessme	nt manager if applicable		
Description of the work			
QLeave project number			
Amount paid (\$)		Date paid (dd/mm/yy)	
Date receipted form sighted	by assessment manager		

Name of officer who sighted the form