



DEVELOPMENT APPLICATION

**Proposed Telecommunications Facility at
Musgrave Roadhouse
Peninsula Developmental Road, Yarraden QLD 4892
Lot 1 SP 314593**

Prepared on behalf of Telstra Corporation Limited ACN 086 174 781
by Downer EDI Engineering Pty Limited ABN 66 057 593 503

Date | August 2023
Reference | Musgrave Roadhouse

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1.0 Executive Summary

Proposed Development	<p>Downer EDI Engineering Pty Limited (Downer) on behalf of Telstra Corporation Limited (Telstra) seeks to establish a new mobile phone small cell facility at Musgrave Roadhouse. The proposed scope of works is inclusive of the following:</p> <ul style="list-style-type: none">• The installation of a new 20m monopole (overall height including antenna protrusion 21.4m)• The installation of one (1) omni antenna on top of the monopole• The installation of one (1) equipment cabinet at the base of the monopole• The installation of one (1) GPS antenna on top of the cabinet• The installation of associated ancillary equipment including feeders, cabling, electrical equipment, signage and other associated equipment.
Coverage Objectives	<p>It has been identified that there is a requirement to provide improved mobile phone coverage and capacity the roadhouse. The proposed facility will help improve customer voice and data services within the area to fulfil the defined stipulations.</p>
Property Details	<p>Address: Peninsula Developmental Road, Yarraden QLD 4892 Legal Description: Lot 1 SP314593</p>
Property Owner	<p>Mary McDowall</p>
Relevant LGA, Zoning and Principal Designated Land Use	<p>Local Government Area: Cook Shire Council Local Planning Policy: Cook Shire Council Planning Scheme 2017 Zoning: Rural</p>
Applicant:	<p>Telstra Corporation Ltd ACN 086 174 781 C/- Downer EDI Engineering Pty Limited ABN 66 057 593 503 Level 11, 135 Coronation Drive, Milton QLD 4064 Contact: Liz Mansell T 0418 698 701 Liz.Mansel@downergroup.com</p>



2.0 Introduction

Downer EDI Limited (Downer) have been engaged by Telstra Corporation Ltd (Telstra) to design and construct a new telecommunications small cell facility at Musgrave Roadhouse, Peninsula Developmental Road, Yarraden QLD 4892

As part of Telstra's commitment to regional Australia, Telstra is excited to bring high-speed mobile internet to even more communities around the country as part of the Federal Government's Mobile Black Spot program.

Telstra, as a licensed telecommunications carrier, must operate under the provisions of the Telecommunications Act 1997 and the Telecommunications Code of Practice 1997. In some instances, the 1997 Act exempts carriers from the requirements of State and Territory planning legislation when the proposed facility is compliant with the Telecommunications (Low Impact Facilities) Determination 2018. In this instance the proposal is not deemed to be "low impact" as it involves the installation of a new 20m monopole and is therefore not exempt from planning requirements. Accordingly, a planning permit is sought from Cook Shire Council accordance with the Cook Shire Council Planning Scheme 2017.

An assessment of the environmental impacts associated with the proposed development and its compliance with the regulatory framework is discussed in Sections 5 and 6. Telstra, as a licensed carrier, must also operate under the provisions of the Communications Alliance Ltd Industry Code C564:2020 (the Deployment Code) for the Deployment of Mobile Base Station Infrastructure, and in particular, must adopt the precautionary approach as detailed under Section 8 and 4.2.3 of the Deployment Code. This report has been prepared in accordance with the Deployment Code.

It is deemed that the proposal demonstrates sufficient merit to warrant the requested development approval.

2.1 Why is a New Mobile Phone Small Cell Required?

The Federal Government's Mobile Black Spot Program has identified a need to improve mobile phone service to Musgrave Roadhouse.

This program will deliver mobile coverage to a large number of regional and remote communities who, for the first time, will be able to access fast mobile voice and data services. The improved coverage is increasing access to new technologies for key regional sectors like agriculture, transport, mining and tourism – technologies which rely on a fast, reliable and affordable mobile network.

The Mobile Black Spot Program builds upon significant investments already undertaken by Telstra to expand and upgrade our mobile network. Telstra's partnership with the Federal Government will involve Telstra investing up to \$290 million of their own funds to build over 880 new sites under all rounds of the Mobile Black Spot Program. This is over and above the billions of dollars Telstra have spent on our mobile network in recent years.

Telstra have worked with State and Local Governments, to attract tens of millions of dollars in additional targeted funding. This means we're able to deliver a combined investment of over \$640 million for regional telecommunications under the program.



Telstra is committed to providing improved mobile coverage to regional and remote Australia. In the five years to end June 2020, Telstra invested \$7.5bn in our mobile network nationally with \$3bn of that invested in regional areas alone. Telstra continues to invest significantly in maintaining and expanding our mobile network across Australia.

By way of a background:

Mobile phones and mobile broadband devices continue to play an important role in the lives of Australians. This includes providing the fundamental ability to be in contact with family and friends, operating businesses more efficiently and effectively as well as dialing triple 0 during a natural disaster or other emergency.

Because of the ever-growing demand for more data and better reception, mobile phone carriers such as Telstra continually have to upgrade and expand mobile phone networks to eliminate coverage black spots and to keep up with the demands and expectations placed upon them by the community.

As the incumbent telco Telstra knows how important access to modern telecommunications infrastructure is and in order to remedy the lack of mobile phone coverage in the aforementioned areas Telstra proposes a Telecommunications small cell facility at Musgrave Roadhouse.

3.0 Site Selection

Carriers and mobile phone network operators have an obligation under the Industry Deployment Code (C564:2020) to utilise and upgrade existing infrastructure as opposed to developing new sites. However, in this instance this was unachievable due to numerous constraints.

Telstra commences the site selection process with a search of potential sites that meet the network's technical requirements, with a view to also having the least possible impact on the surrounding area. Telstra applies and evaluates a range of criteria as part of this site selection process.

Telstra assesses the technical viability of potential sites through the use of computer modelling tools that produce predictions of the coverage that may be expected from these sites, as well as from the experience and knowledge of the radio engineers.

There are also a number of other important criteria that Telstra uses to assess options and select sites that may be suitable for a proposed new facility. These take into account factors other than the technical performance of the site, and include:

- The potential to co-locate on an existing telecommunications facility;
- The potential to locate on an existing building or structure;
- Visual impact and the potential to obtain relevant town planning approvals;
- Proximity to community sensitive locations and areas of environmental heritage;
- The potential to obtain tenure at the site; and
- The cost of developing the site and the provision of utilities (power, access to the facility and transmission links).

Accordingly, this section of the report will demonstrate the following:

- Colocation opportunities and existing telecommunications infrastructure within proximity to the proposed installation: and
- An analysis of the locations considered when determining an appropriate location for a new telecommunications installation within the required coverage area.

3.1 Colocation Opportunities

The Communications Alliance Ltd. Industry Code C564:2020 - Mobile Phone Base Station Deployment promotes the use of existing sites in order to mitigate the effects of facilities on the landscape. It should also be noted that as a first preference, Telstra attempts to utilise, where possible, any existing infrastructure or co-location opportunities.

Below is a map of existing and proposed telecommunications facilities surrounding the area. Given the distance between the existing facilities, the location of the proposed monopole is essential in providing the roadhouse within coverage.

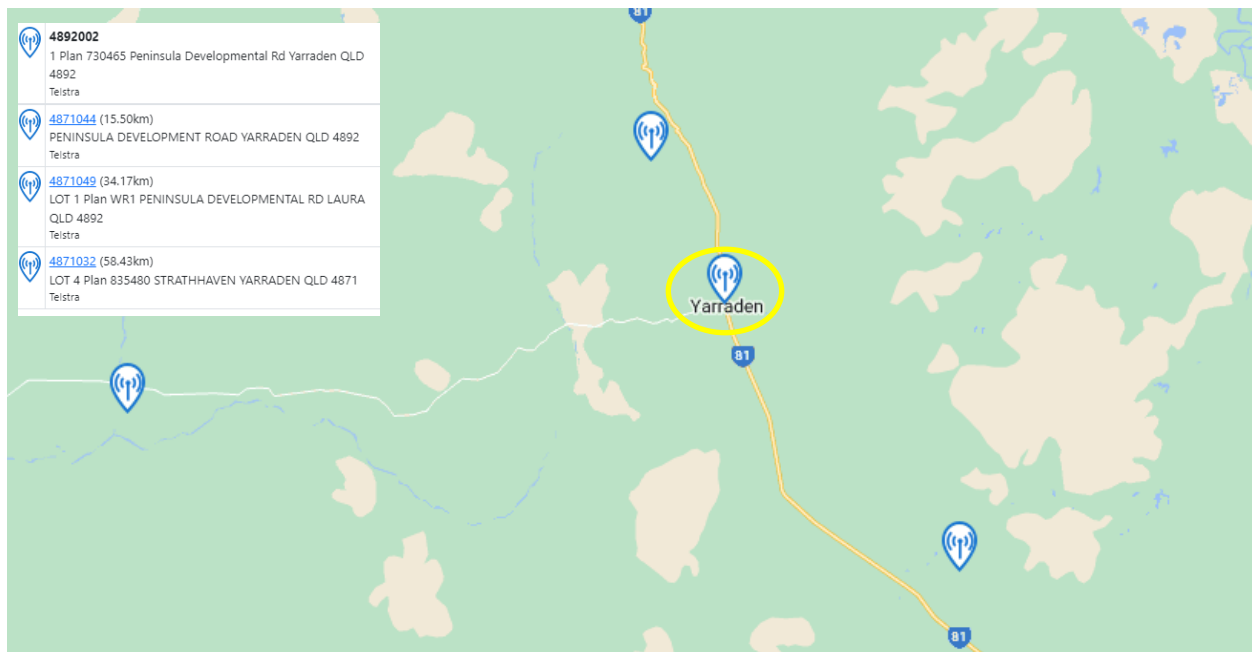


Figure 1 – Location of nearby existing telecommunications facilities (Source: www.rfnsa.com.au)

4.0 Scope of Works

The proposed scope of works is inclusive of the following:

- The installation of a new 20m monopole (overall height including antenna protrusion 21.4m)
- The installation of one (1) omni antenna on top of the monopole
- The installation of one (1) equipment cabinet at the base of the monopole
- The installation of one (1) GPS antenna on top of the cabinet
- The installation of associated ancillary equipment including feeders, cabling, electrical equipment, signage and other associated equipment.

As previously specified, Telstra has an obligation under the Industry Deployment Code to ensure that all suitable alternatives have been explored as part of the justification behind this development application. It is believed that proposed works as outlined above will not result in any adverse visual or environmental impacts to the surrounding environs within the locality.



4.2 Access to the Site

Access to the proposed site will be conducted through the existing site access through the existing caravan park entry gate, see site layout page on proposed plans. This route enables access off a roadway which will repeal any disruptions to traffic flow for construction vehicles during the build phase and any future required maintenance. The available access is of sufficient size for vehicle manoeuvring. Traffic management will be utilised during construction as necessary.

There is ample existing parking on site for vehicle activities during the construction phase. Given the minor amount of traffic generated by the proposal (expected to be 2 – 4 trips per year), it is not believed that any additional formal parking or manoeuvring areas are required.

4.3 Utilities

The final power design including the capacity of the supply will be confirmed in the detailed design phase, however, a major upgrade is not anticipated. Indicatively, a power upgrade is required at the existing meter on the subject site which will deliver power to the new proposed Telstra site. A standard power application will be submitted for approval and all new low voltage cable on the site will be installed underground.

The unmanned facility does not require access to water or sewer infrastructure. The proposal will not alter stormwater runoff from the site, given the very minimal hardstand area.

The site does not require any additional permits for the connection of a sewer/roadway.

5.0 Key Regulatory Framework

5.1 Federal Regulatory Framework

The following information provides a summary of the Federal legislation relevant to telecommunications development proposals.

5.1.1 Telecommunications Act 1997

The Telecommunications Act 1997 (the Act) came into operation on 1 July 1997. The Act provides a system for regulating telecommunications and the activities of carriers and service providers.

Under the Act, telecommunications carriers are no longer exempt from State and Territory planning laws except in three limited instances:

1. There are exemptions for the inspection of land, maintenance of facilities, installation of “low impact facilities”, subscriber connections and temporary defence facilities. These exemptions are detailed in the Telecommunications (Low-impact Facilities) Determination 2018 and these exemptions are subject to the Telecommunications Code of Practice 2018
2. A limited case-by-case appeals process exists to cover the installation of facilities in situations of national significance; and
3. There are some specific powers and immunities from the previous Telecommunications Act 1991.



5.1.2 Telecommunications Code of Practice 2018

The Telecommunications Code of Practice 2018 (The Code) authorizes a carrier to enter land, inspect land and install and maintain a facility. The Code emphasizes “best practice” for the installation of facilities, compliance with industry standards and minimization of adverse impacts, particularly in terms of degradation of the environment and visual impact. The proposal is considered to comply with “best practice” given the proposal will:

- Provide improved telecommunications and wireless internet coverage in the area;
- Be located on a non-residential site within the local area, which maximizes separation to residential and other sensitive uses; and
- Comprises the smallest configuration possible for the site to reduce the visual impact of the proposal, while providing appropriate coverage to the surrounding area.

5.1.3 Telecommunications (Low-impact Facilities) Determination 2018

The *Telecommunications (Low-impact Facilities) Determination 2018* came into effect in March 2018.

The *Determination* contains a list of Telecommunications Facilities that the Commonwealth will continue to regulate. These are facilities that are essential to maintaining telecommunications networks and are unlikely to cause significant community disruption during their installation or operation. These facilities are therefore considered to be ‘Low-impact’ and do not require planning approval under State or Territory laws.

The proposed facility does not fall under the *Determination* and, therefore, requires approval under State Planning Legislation.

5.1.4 Mobile Phone Base Station Deployment Code

The new Communications Alliance Ltd. *Industry Code C564:2020 – Mobile Phone Base Station Deployment* (referred to as the Deployment Code), replaced the 2018 version of the Deployment Code.

Similar to the previous Code, the Deployment Code does not change the existing regulatory regime for telecommunications at Local, State or Federal levels. However, it supplements the existing obligations on Carriers, particularly in relation to community consultation and the consideration of exposure to radio signals, sometimes known as electromagnetic energy (EME or EMR).

The *Code* imposes mandatory levels of notification and community consultation for sites complying with the *Telecommunications (Low-impact Facilities) Determination 2018*. It identifies varying levels of notification and/or consultation depending on the type and location of the proposed infrastructure.

The subject proposal, not being designated a ‘Low-impact’ Facility’, is not subject to the notification or consultation requirements associated with the Deployment Code. These processes are handled within the relevant State and Local consent procedures.

Nevertheless, the intent of the *Code* is to ensure Carriers follow a ‘precautionary approach’ to the siting of infrastructure away from sensitive land uses and this approach has been followed in the selection of this site, as demonstrated in the *Deployment Code* section 4.1 and 4.2 Precautionary Approach Checklists. The checklists will be uploaded to the RFNSA website, reference number 4892002.



Included in these section's Checklist is a statement of how the public's exposure to EME from the site has been minimised. All emissions from the site will be well within the requirements of the relevant Australian Standard. Details of this standard are contained in the following section.

This site has been selected and designed to comply with the requirements of the *Deployment Code* in so much as the precautionary approach has been adhered to and, as a result, the best design solution has been achieved.

5.1.5 Environment Protection and Biodiversity Conservation Act 1999

The Environmental Protection Biodiversity Conservation Act (the EPBC Act) controls matters of national environmental significance. The EPBC Act relates to matters of national environmental significance, including world heritage areas, natural heritage places (including declared RAMSAR wetland areas), listed threatened species in communities, listed migratory species, protection of environment on nuclear actions, and environment matters.

The proposal is not identified as having a significant impact on any of the above matters of national environmental significance. Therefore, the proposal does not require a referral to the Government Minister for the Environment for assessment.

5.1.6 Civil Aviation Safety Authority

The proposed structure is under 30m in height and therefore is not required to be reported in accordance with the CASA publication AC139.08 "Reporting Tall Structures".

5.2 State Regulatory Framework

5.2.1 Planning Act 2016

The proposed telecommunications facility is not considered a low-impact facility and is therefore subject to the Planning Act 2016 and Planning Regulation 2017. The proposal is for the start of a new use and therefore requires a development permit for a material change of use (MCU) prior to the commencement of the use on the site.

Assessment against Council's planning scheme identifies the proposed use as requiring Impact Assessment. Pursuant to section 43 of the Planning Act 2016, the application must therefore be assessed against assessment benchmarks of the Central Highlands Regional Council Planning Scheme 2016.

5.2.2 State Planning Policies

On 3 July 2017, the Queensland Government adopted its new single State Planning Policy (SPP). The SPP replaces the previous multiple policies in existence. The SPP sets out policies on matters of state interest in relation to planning and development and provides a key framework for the government's broader commitment to planning reform. The SPP identifies the state's interests in planning and development and how these are to be dealt with in planning instruments, Council development assessment processes and in designating land for community infrastructure.



All aspects of the SPP have been integrated with the planning scheme. As such, assessment against any applicable policies will be covered in the planning scheme assessment.

5.2.3 Referral Agencies

The State Assessment and Referral Agency (SARA) is the entity within the Department of State Development, Manufacturing, Infrastructure and Planning that is responsible for referrals of applications regarding a State interest. The State Development Assessment Provisions (SDAP) is an outcome of the SARA, which identifies State interests for development assessment.

An assessment of the proposal against the State assessment criteria determines that the proposal is located in a State Transport Corridor – State-controlled Road and Area within 25m of a State-controlled Road. Pursuant of Schedule 10, Division 4, Table 4, Item 1 of the Planning Regulation 2017, the application triggers referral to SARA. Specifically, the Schedule states:

Development application for a material change of use, other than an excluded material change of use, that is assessable development under a local categorising instrument, if all or part of the premises—

(a) are within 25m of a State transport corridor

In accordance with the above, the State code 1: Development in a state-controlled road environment has been prepared (Appendix E).

Additionally, the development is located in a State Heritage area, the proposal is currently seeking confirmation on whether the development can apply for and be accepted under a Heritage Exemption Certificate. Once an outcome on this is advise, the applicant will advise Council.

5.3 Local Regulatory Framework

The following information provides a summary of the local provisions relevant to telecommunications development proposal.

5.3.1 Cook Shire Council Planning Scheme 2017

5.3.1.1 Rural Zone

The purpose of the Rural Zone is to provide rural uses and activities and other uses and activities compatible with the existing and further rural uses, character and environment of the zone. The facility's location was selected by the roadhouse to service the roadhouse and will not impact on the existing or future uses of the roadhouse and surrounding rural uses. The facility will provide improved ongoing service for rural activities with appreciation of the existing character, landscape and community. The zoning is considered appropriate for the proposal, as it is considered a small-scale activity that will retain and protect rural uses, activities and environmentally sensitive areas, which is further demonstrated below.



Assessable benchmarks - Compliance
PO1 compliance: The scale, density and height of the proposed telecommunications facility will be higher than the prescribed 8.5m, totaling an overall height of 21.4m. This height is necessary to ensure the coverage objectives are fulfilled. The proposed antenna is required to be higher than the existing buildings and trees, so no obstructions diminish the required coverage to service the roadhouse.
PO2 compliance: The development will be over 50m from Peninsula Developmental Road.
PO3 compliance: The development will be unoccupied and will not require noise mitigation design.
PO4 compliance: Not applicable.
PO5 compliance: The development will be over 50m from Peninsula Developmental Road.
PO6 compliance: Not applicable.
PO7 compliance: Not applicable.
PO8 compliance: Not applicable.
PO9 compliance: As mentioned in PO1 compliance, the proposal is designed at a minimum height to service the roadhouse. The development will be a slimline design and located at the rear of the property so it is not impacting the existing amenity of the area. The development will not be overbearing or overshadowing.

6.0 Development Impacts

This section takes into consideration matters of relevance to the proposed development which is inclusive of issues relating to the environmental impacts of the proposal on the built and natural form, as well as the social and economic impacts the telecommunications facility will have on the locality.

As the proposed site is situated within a cleared portion of land, it is believed that the proposed facility will not result in environmental impacts towards the built and/or natural environments. The “footprint” of the proposal will not require any vegetation clearance. The following environmental, social and economic considerations have been made in reference to the proposal.

6.1 Heritage

In order to determine any possible natural or cultural values of state or national significance associated with the site a search was conducted through the relevant Heritage Registers. A Cultural Heritage Database and Register Search Report has shown 5 site points within the property and a 100m buffer (Appendix D). The proposed location is not in proximity to these points and a Cultural Heritage Risk Assessment (Appendix E) has identified the development as Category 2 or 3 where it is generally unlikely that the activity will harm cultural heritage and the activity will comply with the Duty of Care Guidelines. As noted in the risk assessment, in these circumstances, it is reasonable and practicable for the activity to proceed without further Cultural Heritage Assessment or consultation with the Aboriginal Party/ies. Note: Upon the discovery of a potential Cultural Heritage Find during Category 2 or 3 works, a stop works direction shall be initiated and the actions outlined in the Find – Stop – Notify – Manage Work Instruction must be followed immediately.



6.2 Noise and Vibration

There will be no noise or vibration impacts associated with the operation of the facility. The equipment shelter will emit only minimal noise from the air conditioning units, which will enable the equipment to stay within normal operating temperatures. It is believed that the operation of the air conditioning units will not result in any adverse noise impacts to the nearest sensitive noise receptors given the isolated location of the proposed equipment shelter in the context of the area.

During construction, there will be some minor excavation works which may introduce noise and vibration for a temporary period. Due to the isolated context of the development, it is anticipated that the construction and operation of the facility will not generate any adverse noise impacts on surrounding land uses.

6.3 Traffic

Mobile phone base stations are not significant generators of pedestrian or vehicular traffic. The site encompasses sufficient parking within the existing lot for construction vehicles and workers. During construction, a crane/EWP will be required to be temporarily mounted on site. It is not anticipated that there will be any adverse disruptions to the road during the construction phase or the ongoing operation of the facility. Throughout the lifecycle of the telecommunications facility, it is only required to be visited on a quarterly basis throughout the year for maintenance purposes.

Therefore, this proposal does not constitute any impacts to existing traffic flows within the locality. If a road closure is required for the erection and installation of equipment, the appropriate approvals will be obtained from the relevant authority (where applicable).

6.4 Erosion and Sediment Control

Erosion and sediment controls will be implemented prior to the commencement of any construction works and will be maintained throughout the construction phase to manage potential run off, water and air quality during construction.

The development will not induce any soil erosion or siltation. The proposal will immediately reinstate all sediment that is temporarily extracted to install the required structural footings. No external soil or sediment will be introduced to the existing vegetation.

Measures that are to be implemented include:

- All construction plant, equipment and vehicles are to be properly maintained and operated so as to alleviate excessive exhaust emissions;
- Waste loads leaving the site are to be covered at all times;
- Ensuring stock piles do not exceed 2.5m in height and wetting down any exposed areas and stockpiles as required;
- All dust generating construction activities are to cease during high wind conditions, unless operations can be controlled by localised watering or other control means; and
- Scaffolding will include mesh and shade cloth to reduce wind velocity and also to trap any wind-borne objects.



To ensure water quality is maintained, minor elements of storm water attenuation works will be provided including sandbags and hay bales to ensure excess sediment does not run off site. There are no hard-standing surfaces and/or drainage points within the immediate proximity of the construction site.

6.5 Health and Safety

Telstra understands that some people have genuine concerns about the levels of electromagnetic fields (EMF) that the proposed facility will emit and is committed to addressing those concerns responsibly. EMF is sometimes known as electromagnetic radiation (EMR) or electromagnetic energy (EME). Often, there is a misconception regarding the perceived health risks surrounding mobile phone base stations and Electromagnetic Energy (EME).

Electromagnetic fields are present everywhere in our environment – the earth, sun and ionosphere are all natural sources of EMF. Telstra and Downer rely on the expert advice of international and national health authorities including the World Health Organization (WHO) and the Australian Radiation Protection and Nuclear Safety Agency (ARPANSA) for overall assessments of health and safety impacts. The International Commission on Non-Ionizing Radiation Protection (ICNIRP) has issued guidelines on levels of allowable public exposure to Radio Frequency (RF) fields, including guidelines on RF from mobile phones and base stations, which Telstra adheres to. These guidelines have a large safety margin built into them.

EME is non-ionising radiation, meaning that it has insufficient energy to break chemical bonds or remove electrons (ionisation). In contrast, ionising radiation (such as X-rays) can remove electrons from atoms and molecules thus leading to damage in biological tissue (Source: ARPANSA).

On numerous occasions over the past 10 years the Victorian Civil and Administrative Tribunal has ruled that in regard to EME, that it was obliged to apply the relevant regulatory standards as it finds them - not to pioneer standards of its own. It states that the creation of new standards is a matter for other authorities with special expertise such as the Australian Radiation Protection and Nuclear Safety Agency (ARPANSA).

In addition, further information is available at: www.telstra.com.au/eme and EMF Explained Series www.emfexplained.info.

It is Telstra's obligation to comply with the mandated standard (RPS3) for EMF set by ARPANSA, which is based on the safety guidelines recommended by the WHO. The safety standard works by limiting the network signal to a level which will protect all people, in all environments, 24 hours a day.

To demonstrate compliance with the safety standard, an Environmental EME Report is available in Appendix B or via the RFNSA website www.rfnsa.com.au (search site number 4892002).

The EME Report predicts the maximum signal strength from the proposed facility at 1.5m above ground level is well within the allowable limit. This is typical of Telstra's responsible approach to network performance and environmental compliance.

Furthermore, the ARPANSA Fact sheet "Mobile Base Stations and Health" March 2015 states "Health authorities around the world, including ARPANSA and the WHO have examined the scientific evidence regarding possible health effects from base stations. Current research indicates that there are no established health effects from the low exposure to the RF EME exposure from mobile phone base station antennas."



Telstra undertakes further measures when designing the facility, to minimise the EME exposure to the general public, by installing the facility in accordance with the Australian Mobile Telecommunications Association (AMTA) Radio frequency (RF) Safety Compliance Program – Base Station Design Guidelines Engineering for Access Control to minimise EME.

Other preventative measures also include:

- Power Control network feature that automatically adjusts the power of the network transmission based on consumer demand.
- Varying the facility's transmit power to the minimal required level in order to save electricity and lower RF emissions from the facility.

Further information about EMF can be obtained from:

- Commonwealth Department of Health (ARPANSA): www.arpansa.gov.au
- Australian Communications and Media Authority (ACMA): www.acma.gov.au
- World Health Organisation (WHO): www.who.int/en/



7.0 Conclusion

The proposal at Musgrave Roadhouse seeks to provide new coverage to the area as part of the Federal Government's Mobile Phone Black Spot Program, providing much needed voice and data services to the area. The site has a number of characteristics that make it suitable for the construction of a new telecommunications facility in the manner proposed. The drawings respond to the principles of design, siting, construction and operation of telecommunications facilities as specified in the Code of Practice whilst meeting state and local planning policy objectives.

The proposed works provide the community with reliable 4G access which in turn supports the various rural industries in the region and forms part of a wider plan to ensure reliable and accessible coverage during emergency situations such as floods and bushfires.

Telstra, together with Downer have undertaken an assessment of the relevant matters as required by the Telecommunications Act 1997 and the Cook Shire Council Planning Scheme 2017. The proposal is considered appropriate in light of the relevant legislative, environmental, technical, radio coverage and public safety requirements.

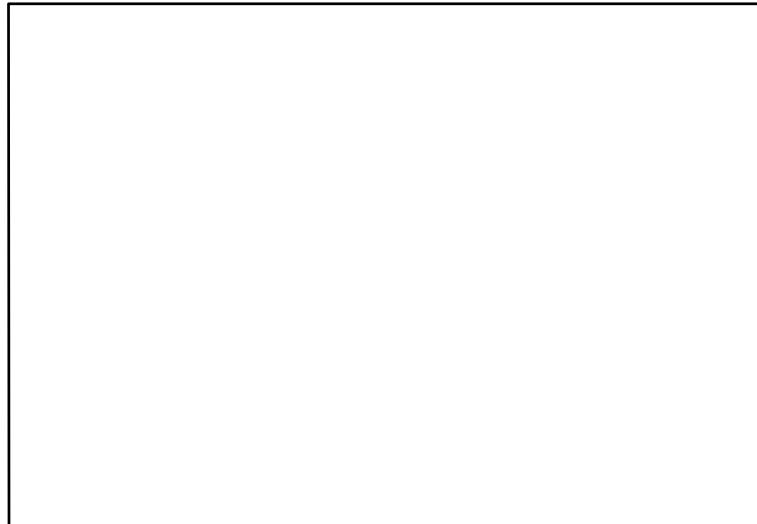
Based upon the above, we respectfully request Cook Shire Council Council approve the application and issue a development permit for a telecommunications small cell facility at Musgrave Roadhouse, Peninsula Developmental Road, Yarraden, subject to reasonable and relevant conditions, and in accordance with the plans attached in **Appendix A**.



Appendix A – Proposed Plans

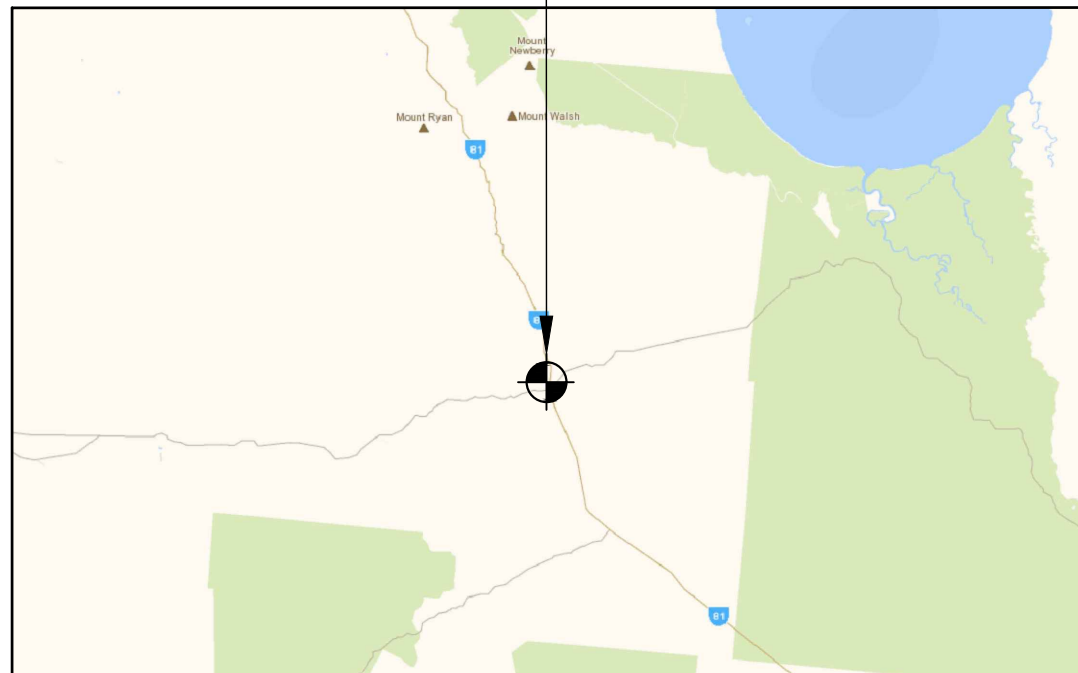


PRE-CONSTRUCTION PHOTO



POST CONSTRUCTION PHOTO

NODE CODE MXVH — RFNSA SITE NO. 4892002



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LOCALITY PLAN

NOT TO SCALE

PROPERTY DESCRIPTION

PART OF LOT 1 ON PLAN 730465

ASSET DESCRIPTION

STRUCTURE OWNER - TELSTRA
STRUCTURE TYPE - 20m SEESAW
INGAL STEEL POLE

SITE STRUCTURE CO-ORDINATES (GDA94)
GPS READING ACCURACY: ±10m
CENTRE OF POLE

LATITUDE	-14.78008° (GDA94)
LONGITUDE	143.50378° (GDA94)



SHEET MUST BE PLOTTED IN COLOUR.
TO BE READ IN CONJUNCTION WITH SHEETS 2, 3 & 4.

ORDER	DRAWN	CHKD	AMENDMENT	EXAM	APPD	DATE	ISS
4014115.01	JM	FF	FOR CONSTRUCTION-SP30101364W0002DOWNER L700	IN	PG	21.08.23	1

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DRAWING / DOCUMENT DESCRIPTION	DRAWING NUMBER	SHEET NO.	ISSUE NO.	ISSUE DATE	DRAWING STATUS		
					FOR CONSTRUCTION	AS BUILT	REFERENCE ONLY
PHOTOS AND SITE LAYOUT	Q117801	2	1	21/08/23	✓		
ELEVATION AND PHOTOS	Q117801	3	1	21/08/23	✓		
EME EXCLUSION ZONES	Q117801	4	1	21/08/23	✓		
SITE EARTHING	Q117801	G4	1	21/08/23	✓		
ELECTRICAL SPECIFICATION	Q117801	E0	1	21/08/23	✓		
AC POWER CONNECTION	Q117801	E2	1	21/08/23	✓		
RACK LAYOUT	Q117801	E5	1	21/08/23	✓		
REFERENCE DRAWINGS							
STANDARD CONSTRUCTION NOTES	017866P05	1	3	10/01/23	✓		
STANDARD STOCK FENCE	017866P11	1	2	13/01/23	✓		
CABLE FIXING TO MONOPOLE ALTERNATIVE DETAILS	017866P58	2	1	29/05/13	✓		
LAST GASP POWER SYSTEM	017866P189	8	1	28/08/19	✓		
PRECAST FOUNDATION - MODULE 2 & 3 DETAILS	017866P189	30	2	12/04/21	✓		
PRECAST FOUNDATION 20m POLE REGION C GENERAL ARRANGEMENT SHT 1 OF 2	017866P189	32	2	12/04/21	✓		
PRECAST FOUNDATION 20m POLE REGION C GENERAL ARRANGEMENT SHT 2 OF 2	017866P189	33	2	12/04/21	✓		
PRECAST FOUNDATION - MODULE 4 DETAILS	017866P189	34	2	12/04/21	✓		
PRECAST FOUNDATION - SMALL CELL OUTDOOR CABINET SUPPORT DETAILS - ELEVATED	017866P189	46	2	12/04/21	✓		
GENERAL ARRANGEMENT OF 20m SEESAW POLE WITH 810 x 190 CLEAR ACCESS DOOR BASE PLATE MOUNTED FOR REGION C	GA12138	1	1	01/12/20	✓		
GENERAL ARRANGEMENT OF 20m SEESAW POLE WITH 810 x 190 CLEAR ACCESS DOOR BASE PLATE MOUNTED FOR REGION C	GA12138	2	1	01/12/20	✓		
GENERAL ARRANGEMENT OF TRANSITION PIECE FOR TQJ708006D-FT0 OMNI ANTENNA	GA12500	1	1	08/06/21	✓		

FOR DESIGN, CONSTRUCTION AND STANDARD DRAWINGS - REFER TO FIDO DOCUMENTATION

UNAPPROVED DRAWING

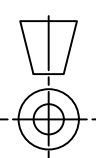
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FOR CONSTRUCTION

Telstra
 SMALL CELL SITE 369560
 MUSGRAVE ROADHOUSE
 PHOTOS AND LOCALITY PLAN
 1 PLAN 730465 PENINSULA DEVELOPMENTAL RD, YARRADEN, QLD 4892
 DWG NO. **Q117801** SHT NO. 1

DO NOT SCALE

F



A

B

C

D

E

F

A3



PHOTO 1 (SATELLITE AERIAL)

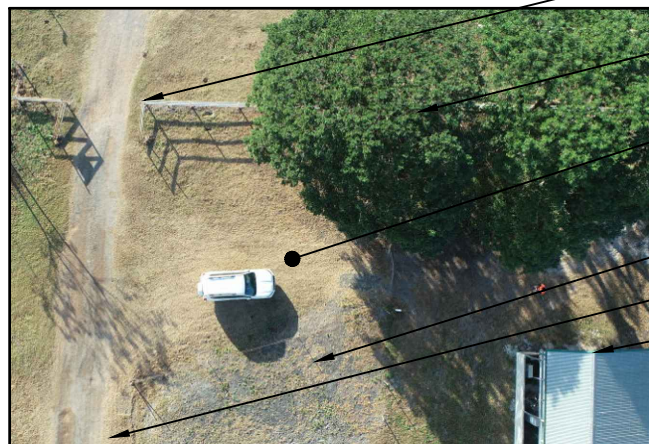
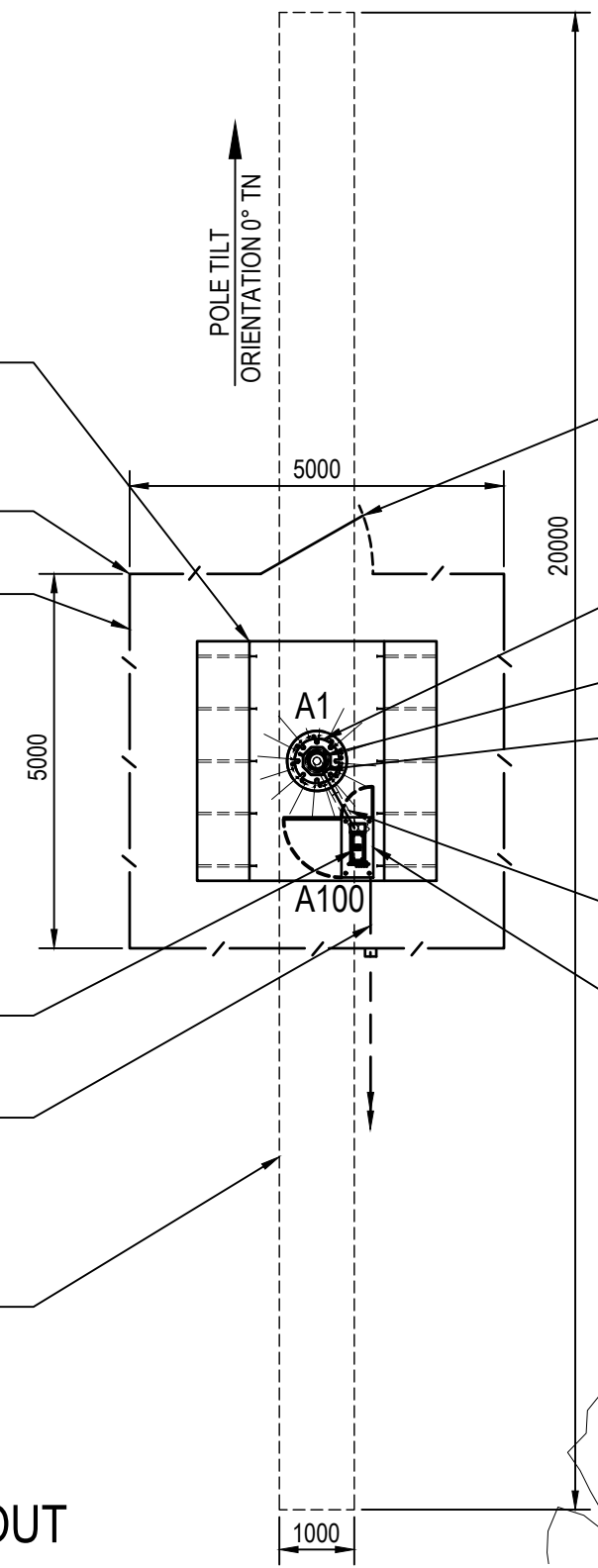


PHOTO 2 (AERIAL)

- EXISTING SITE ACCESS
- PROPOSED TELSTRA SMALL CELL SITE #369560 (-14.78008, 143.50378)
- EXISTING TREES (APPROX 8.5-10m)
- EXISTING RESIDENTIAL HOUSE
- EXISTING CARAVAN PARK
- EXISTING MUSGRAVE ROADHOUSE AND TELEGRAPH STATION
- EXISTING CARAVAN PARK ENTRY GATE (5m WIDE)
- EXISTING TREES (APPROX 8.5-10m)
- PROPOSED TELSTRA SMALL CELL SITE #369560 (-14.78008, 143.50378)
- EXISTING BARBED FENCE
- EXISTING SITE ACCESS
- EXISTING RESIDENTIAL HOUSE

- PROPOSED PRECAST CONCRETE PAD FOOTING (3.2m x 3.2m x 0.4m). REFER TO DRAWING 017866P189, SHEETS 26-31 FOR FOOTING DETAIL
- PROPOSED TELSTRA COMPOUND (5.0m x 5.0m)
- PROPOSED TELSTRA STOCK FENCE AND GATE. REFER TO DRAWING 017866P11 SHEET 1 FOR DETAILS
- PROPOSED TELSTRA GPS ANTENNA (1 OFF, A100) ON SCM3007 CABINET HOOD
- PROPOSED POWER 10A/1PH TO BE PROVIDED BY SITE PROVIDER, CABLE TO HAVE 3m EXCESS LENGTH, COILED, AND WATERPROOF NEXT TO TELSTRA CABINET LOCATION
- TELSTRA DESIGNATED SPACE (20m x 1m)

POLE TILT ORIENTATION 0° TN



- #13 PROPOSED EME SIGN STAMPED WITH RFNSA ID TO BE INSTALLED ON TELSTRA SECURITY COMPOUND SITE ACCESS GATE (RFNSA ID: 4892002)
- #6 PROPOSED EME SIGN SECURED TO THE BASE OF THE POLE AT 1.5m AGL
- #2 PROPOSED EME SIGN TO BE UV STABLE STICKER AND FIXED TO BASE OF TELSTRA OMNI ANTENNA (1 OFF)
- PROPOSED TELSTRA 20m INGAL SEESAW MONOPOLE WITH MOUNTING ADAPTOR TO ACCOMMODATE PROPOSED TELSTRA OMNI ANTENNA (1 OFF, A1). REFER TO DRAWING GA12138 FOR POLE DETAIL AND GA12500 FOR ADAPTOR DETAIL
- PROPOSED P100 CONDUIT TO MONOPOLE TO ACCOMMODATE PROPOSED TELSTRA LCF12-50J FEEDERS (2 OFF, 25m LONG)
- PROPOSED TELSTRA SCM3007 CABINET WITH SCM0004 PLINTH AND ELEVATED STEEL PLATFORM TO ACCOMMODATE TELSTRA EQUIPMENT. REFER TO SHEET E5 FOR EQUIPMENT DETAILS AND DRAWING 017866P189 SHEET 46 FOR ELEVATED STEEL PLATFORM DETAILS

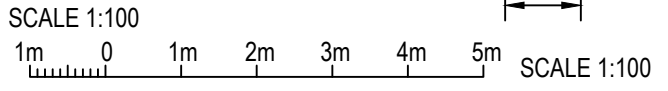
UNAPPROVED DRAWING

SERVICES LEGEND

- FE — FE — ABOVE GROUND FEEDER CABLES
- - - E - - - E - - - BELOW GROUND ELECTRICAL SUPPLY

- NOTES:
1. FOR SITE PHOTOS REFER TO SHEETS 1 & 3.
 2. ALL EXTERNAL FEEDERS AND TAILS MUST BE BIRD PROOFED AS PER EXTERNAL PLANT POLICY 003615.
 3. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SPECIFIED OTHERWISE AND MUST BE CHECKED ON SITE.
 4. FOR DESIGN, CONSTRUCTION AND STANDARD DRAWINGS REFER FIDO DOCUMENTATION.
 5. FOR EME SIGNS NOTED AS #X) REFER TO 005486 DOCUMENTS FOR DETAILS.
 6. #2) PROPOSED EME SIGN TO BE UV STABLE STICKER AND FIXED TO BASE OF TELSTRA OMNI ANTENNA (1 OFF)
 7. #6) PROPOSED EME SIGN SECURED TO THE BASE OF THE POLE AT 1.5m AGL
 8. #13) PROPOSED EME SIGN STAMPED WITH RFNSA ID TO BE INSTALLED ON TELSTRA SECURITY COMPOUND SITE ACCESS GATE (RFNSA ID: 4892002).
 9. CLEAR ALL TALL GRASS/WEEDS WITHIN THE COMPOUND TO MINIMIZE SNAKE ACTIVITY.

SITE LAYOUT



SHEET MUST BE PLOTTED IN COLOUR. TO BE READ IN CONJUNCTION WITH SHEETS 1, 3 & 4.

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FOR CONSTRUCTION

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4014115.01	JM	FF	FOR CONSTRUCTION-SP30101364W0002DOWNER L700	IN	PG	21.08.23	1

Telstra

**SMALL CELL SITE 369560
MUSGRAVE ROADHOUSE**

PHOTOS AND SITE LAYOUT
1 PLAN 730465 PENINSULA DEVELOPMENTAL RD, YARRADEN, QLD 4892

DWG NO. **Q117801** SHT NO. **2**

TELSTRA ANTENNA CONFIGURATION TABLE

ANTENNA No	ANTENNA TYPE & SIZE H x W x D	ANTENNA ACTION REQUIRED	ANTENNA HEIGHT C/L A.G.L.	PHYSICAL ANTENNA BEARING (x°T)	SECTOR NO. & TECHNOLOGY
A1	TONGYU TQJ-708006D-FT0 OMNI Ø200 x 998mm	INSTALL	20.4m (BASE OF OMNI)	0°	S0: LTE 700 S0: LTE 700
A100	ERICSSON KRE 101 2082/1 Ø68 x 96	INSTALL	2.0m (BASE OF GPS)	0° TN	-

- NOTES:
- FOR SITE PHOTOS REFER TO SHEETS 1 & 2.
 - ALL EXTERNAL FEEDERS AND TAILS MUST BE BIRD PROOFED AS PER EXTERNAL PLANT POLICY 003615.
 - ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SPECIFIED OTHERWISE AND MUST BE CHECKED ON SITE.
 - FOR DESIGN, CONSTRUCTION AND STANDARD DRAWINGS REFER FIDO DOCUMENTATION.
 - FOR EME SIGNS NOTED AS #X REFER TO 005486 DOCUMENTS FOR DETAILS.
 - #2 PROPOSED EME SIGN TO BE UV STABLE STICKER AND FIXED TO BASE OF TELSTRA OMNI ANTENNA (1 OFF).
 - #6 PROPOSED EME SIGN SECURED TO THE BASE OF THE POLE AT 1.5m AGL.
 - #13 PROPOSED EME SIGN STAMPED WITH RFNSA ID TO BE INSTALLED ON TELSTRA SECURITY COMPOUND SITE ACCESS GATE (RFNSA ID: 4892002).
 - CLEAR ALL TALL GRASS/WEEDS WITHIN THE COMPOUND TO MINIMIZE SNAKE ACTIVITY.



PHOTO 3 (ELEVATION)

COMPLIANCE BOX
 COMPLETED AS PER DESIGN
 ALTERATIONS IN RED
 NAME (PRINT) _____
 SIGNATURE _____ DATE _____

UNAPPROVED DRAWING

FOR CONSTRUCTION

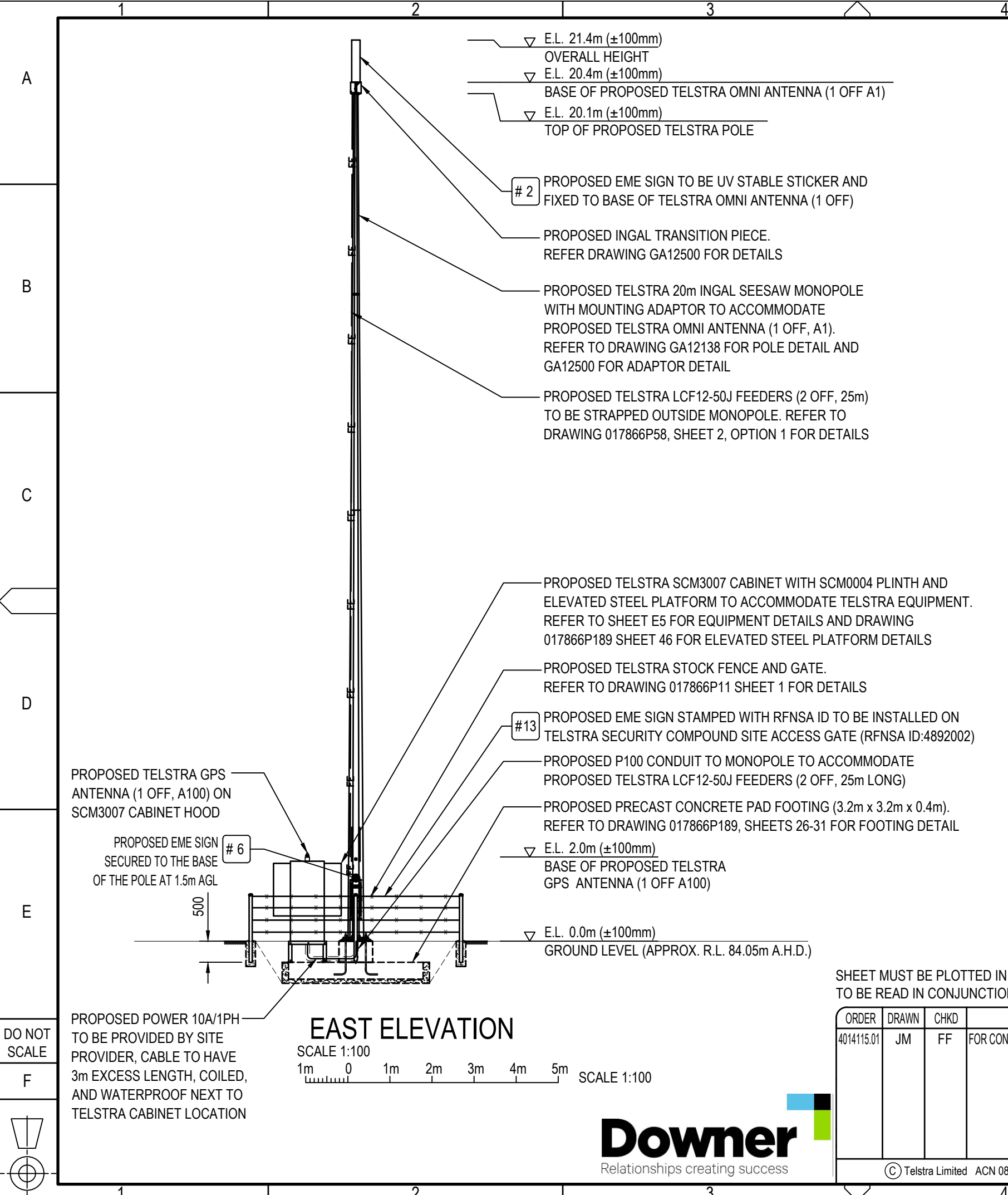
SHEET MUST BE PLOTTED IN COLOUR.
 TO BE READ IN CONJUNCTION WITH SHEETS 1, 2 & 4.

ORDER	DRAWN	CHKD	AMENDMENT	EXAM	APPD	DATE	ISS
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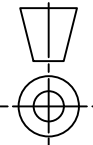
SMALL CELL SITE 369560
MUSGRAVE ROADHOUSE
 ELEVATION AND PHOTOS
 1 PLAN 730465 PENINSULA DEVELOPMENTAL RD, YARRADEN, QLD 4892

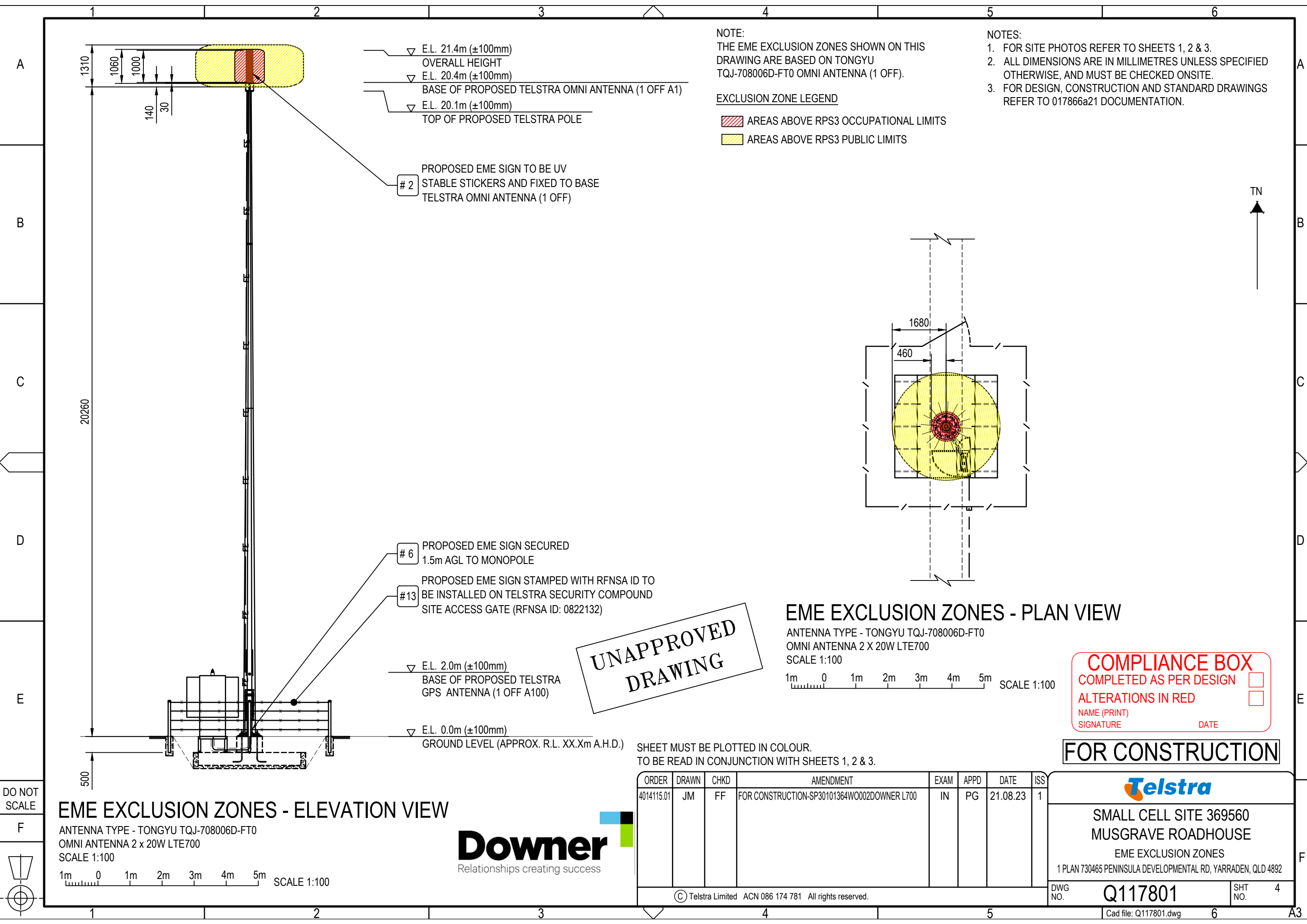
DWG NO. **Q117801** SHT NO. **3**



DO NOT SCALE

PROPOSED POWER 10A/1PH TO BE PROVIDED BY SITE PROVIDER, CABLE TO HAVE 3m EXCESS LENGTH, COILED, AND WATERPROOF NEXT TO TELSTRA CABINET LOCATION





NOTE:
 THE EME EXCLUSION ZONES SHOWN ON THIS DRAWING ARE BASED ON TONGYU TQJ-708006D-FT0 OMNI ANTENNA (1 OFF).

NOTES:
 1. FOR SITE PHOTOS REFER TO SHEETS 1, 2 & 3.
 2. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SPECIFIED OTHERWISE, AND MUST BE CHECKED ONSITE.
 3. FOR DESIGN, CONSTRUCTION AND STANDARD DRAWINGS REFER TO 017866a21 DOCUMENTATION.

EXCLUSION ZONE LEGEND
 [Red hatched box] AREAS ABOVE RPS3 OCCUPATIONAL LIMITS
 [Yellow hatched box] AREAS ABOVE RPS3 PUBLIC LIMITS

▽ E.L. 21.4m (±100mm)
 OVERALL HEIGHT
 ▽ E.L. 20.4m (±100mm)
 BASE OF PROPOSED TELSTRA OMNI ANTENNA (1 OFF A1)
 ▽ E.L. 20.1m (±100mm)
 TOP OF PROPOSED TELSTRA POLE

2 PROPOSED EME SIGN TO BE UV STABLE STICKERS AND FIXED TO BASE TELSTRA OMNI ANTENNA (1 OFF)

6 PROPOSED EME SIGN SECURED 1.5m AGL TO MONOPOLE

13 PROPOSED EME SIGN STAMPED WITH RFNSA ID TO BE INSTALLED ON TELSTRA SECURITY COMPOUND SITE ACCESS GATE (RFNSA ID: 0822132)

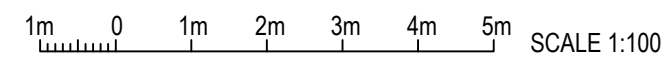
▽ E.L. 2.0m (±100mm)
 BASE OF PROPOSED TELSTRA GPS ANTENNA (1 OFF A100)

▽ E.L. 0.0m (±100mm)
 GROUND LEVEL (APPROX. R.L. XX.Xm A.H.D.)

UNAPPROVED DRAWING

EME EXCLUSION ZONES - PLAN VIEW

ANTENNA TYPE - TONGYU TQJ-708006D-FT0
 OMNI ANTENNA 2 X 20W LTE700
 SCALE 1:100



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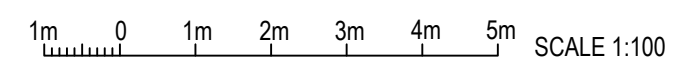
SHEET MUST BE PLOTTED IN COLOUR.
 TO BE READ IN CONJUNCTION WITH SHEETS 1, 2 & 3.

ORDER	DRAWN	CHKD	AMENDMENT	EXAM	APPD	DATE	ISS
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Telstra
 SMALL CELL SITE 369560
 MUSGRAVE ROADHOUSE
 EME EXCLUSION ZONES
 1 PLAN 730465 PENINSULA DEVELOPMENTAL RD, YARRADEN, QLD 4892

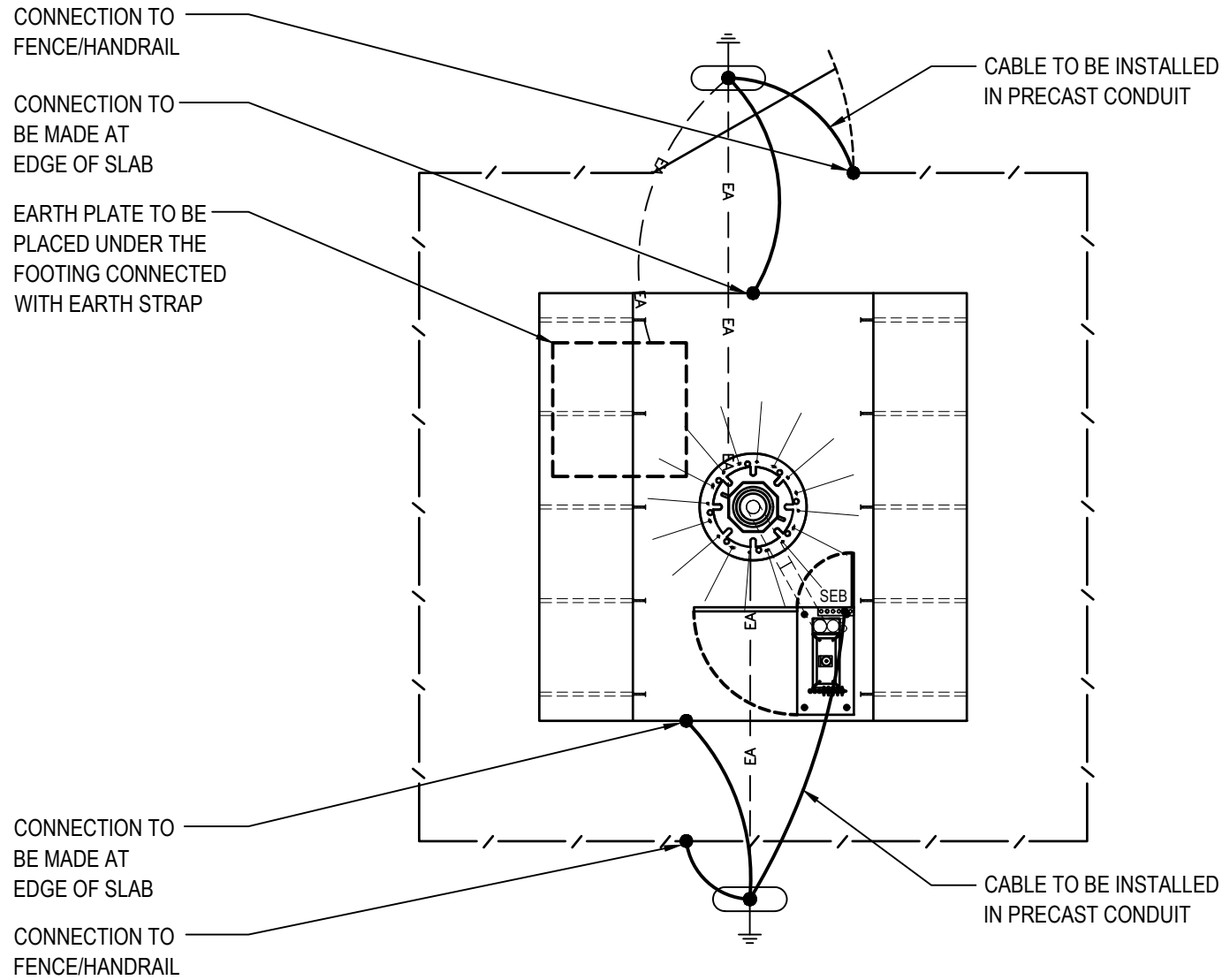
EME EXCLUSION ZONES - ELEVATION VIEW

ANTENNA TYPE - TONGYU TQJ-708006D-FT0
 OMNI ANTENNA 2 x 20W LTE700
 SCALE 1:100



Downer
 Relationships creating success

ALL EARTH CABLES SHALL BE INSTALLED IN CORRUGATED CONDUIT SECURELY FIXED TO SURFACE OF FOOTING. PROPOSED EARTH STRAP SHALL BE FIXED SECURELY TO SURFACE OF FOOTING. WORKS SHALL BE DONE TO AVOID ANY TRIP HAZARDS AS MUCH AS POSSIBLE.



SITE EARTHING - PLAN

SCALE 1:50
500 0 2500 SCALE 1:50

LEGEND:

- EA --- EARTH STRAP
- 35mm² G/Y INSULATED CABLE (19/1.53)
- CONNECTION (LINE TAP) S/I 151/550
- EARTH ELECTRODE
- EARTH INSPECTION PIT
- SEB
- SEB

NOTES:

1. REFER TO DRAWING 017866P201 SHEET 1 FOR ADDITIONAL CONNECTION DETAILS. REFER TO DRAWING 017866P205 SHEET 1 FOR POLE EARTH LAYOUT.
2. ALL EARTH STRAPS TO BE 50 x 3mm HOT DIPPED GALVANISED MS FLAT AND LAID TO A MINIMUM DEPTH OF 500mm.
3. THE NUMBER & DEPTH OF EARTH ELECTRODES ARE TO BE BASED ON A RESISTIVITY SURVEY. ELECTRODES ARE SOLID STAINLESS STEEL OR STAINLESS STEEL CLAD ROD, WHEN STANDARD STAINLESS CLAD RODS ARE UTILISED THESE ARE 1440mm LONG. TWO OF THESE RODS ARE TO BE UTILISED, JOINED TOGETHER AS A MINIMUM TO A LENGTH OF 2880mm. SPECIFIC ELECTRODE DETAIL 2 x 2.88 METRES DEEP.
4. 19/1.53mm GREEN & YELLOW COPPER CABLE SHALL BE RUN FROM THE ANTENNA STRUCTURE AND TERMINATE AT THE ELECTRODE NEAREST STRUCTURE, THIS CONDUCTOR IS THEN TO CONTINUE ON TO THE SERVICE EARTH BAR. FOR FURTHER DETAIL ON EARTHING THE ANTENNA STRUCTURE TO THE RING EARTH REFER DRAWING 017866P205 SHEET 1.
5. EARTH RESISTANCE OBJECTIVE IS 5 OHMS. EARTH RESISTANCE MEASUREMENTS ARE TO BE UNDERTAKEN AS PER WORK INSTRUCTION 017866W01, RESULTS ARE TO BE RECORDED ON FORM 017866F07.
6. IF OBJECTIVE IS NOT ACHIEVED, REPORT RESULTS TO DESIGN ENGINEER.
7. ALL CONNECTIONS TO EARTH ELECTRODES AND JOINTS ARE TO BE TREATED WITH DENSO PASTE AND TAPE. REFER DRAWING 017866P201 SHEET 1.
8. WHERE ELECTRODES CANNOT BE DRIVEN, OR EARTH RESISTIVITY IS HIGH, DEEP DRILLED ELECTRODES MAY NEED TO BE INSTALLED, BACKFILL WITH EARTH ENHANCING MATERIAL (e.g. CALCIUM BENTONITE AND GYPSUM SLURRY).
9. WHERE FENCING IS REQUIRED, INTERCONNECT TO FENCE POSTS AT GATE AS SHOWN, AND ALSO TO ADDITIONAL FENCE POST AT OPPOSITE SIDE OF COMPOUND TO THE GATES. REFER DRAWING 017866P201 SHEET 1.
10. FEEDERS TO BE EARTHED AT TOP AND BOTTOM TO THE STRUCTURE. REFER DRAWING 017866P205 SHEET 1. SHOULD NO POINT EXIST ON THE STRUCTURE, INSTALL AN EARTH WIRE FROM TOP TO BOTTOM TERMINATING AT THE HEAD FRAME AND TO THE STRUCTURE BASE, IF STRUCTURE IS > 30m IN HEIGHT, AT LEAST TWO DOWN CONDUCTORS ARE REQUIRED. REFER AS1768, TERMINATE THE FEEDER EARTH TO THE EARTH WIRE VIA LINE TAPS, THEN DENSO WRAP.
11. WHERE THE FEEDER RUN IS > 2m BETWEEN THE SHELTER AND STRUCTURE ADDITIONAL EARTH TO BE PROVIDED ON FEEDER EARTH BAR IMMEDIATELY BEFORE THE FEEDER ENTERS THE BUILDING OR TO FEEDER EARTH BAR INSIDE SHELTER FOR UNDERGROUND FEEDER ENTRY. FOR UNDERGROUND ENTRY ALWAYS EARTH TO THE INTERNAL FEEDER EARTH BAR, FOR RRU INSTALLATIONS A FEEDER EARTH BAR IS ALWAYS REQUIRED AT THE FEEDER ENTRY AND BONDED TO EARTH AS PER 017866a07. FOR INTERNAL FEEDER EARTH BAR BONDING AT RRU INSTALLATIONS REFER DRAWING 017866P201 SHEET 20. FOR HYBERFLEX EARTHING DETAIL REFER DETAIL 017866P201 SHEET 12.
12. ALL MAJOR EARTH BONDS ARE TO BE LABELLED AT BOTH ENDS INDICATING THE CABLES ORIGIN.

EARTH ELECTRODE SCHEDULE			
TYPE	DIAMETER	QUANTITY	DEPTH
STAINLESS STEEL ROD	14mm	2	2.88m

EARTH GRID SCHEDULE	
TYPE	DIMENSIONS
HOT DIPPED GALVANISED MS FLAT	50 x 3mm

UNAPPROVED DRAWING

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Telstra

SMALL CELL SITE 369560
MUSGRAVE ROADHOUSE
 SITE EARTHING
 1 PLAN 730465 PENINSULA DEVELOPMENTAL RD, YARRADEN, QLD 4892

DWG NO. **Q117801** SHT NO. **G4**



ELECTRICAL SPECIFICATION

1. GENERAL

ELECTRICAL INSTALLATION SHALL BE IN ACCORDANCE WITH:

- THESE SPECIFICATION
- TELSTRA CIVIL DESIGN MANUAL
- TELSTRA EARTHING MANUAL
- ALL REFERENCED TELSTRA STANDARD DOCUMENTATION
- AS / NZS3000
- AS / NZS3008
- AS / NZS3015
- AS / NZS3017
- AS / NZS1768
- AS / ACIF S006
- RELEVANT STATE / TERRITORY SPECIFIC INSTALLATION RULES AND ALL OTHER RELEVANT AUSTRALIAN STANDARDS AS APPLICABLE TO PROPOSED WORKS.

2. STANDARD OF WORK & WORKMANSHIP

ALL LOW VOLTAGE AC POWER WORKS SHALL BE COMPLETED BY LICENSED ELECTRICIAN IN ACCORDANCE WITH INSTALLATION RULES AND RELEVANT SAFETY PRACTICES APPLICABLE TO SITE.

ALL WORKS SHALL BE LIAISED AND COORDINATED WITH RELEVANT PERSONNEL, SITE REPRESENTATIVES, LANDOWNER, SITE PROVIDER AND / OR POWER AUTHORITY AS APPLICABLE.

ALL WORKS SHALL BE AS PER TELSTRA SPECIFICATIONS AND APPROVED MOPS INCLUDING LABELLING. CONTRACTOR SHALL MAKE THEMSELVES AWARE OF ALL SITE CONDITIONS AND SAFETY REQUIREMENTS PRIOR TO COMMENCING ANY WORK ON SITE.

3. OUTAGES AND PERMITS

CONTRACTOR TO VALIDATE ALL APPROVALS AND OUTAGES REQUIRED TO CONDUCT PROPOSED WORKS. THIS INCLUDES BUT IS NOT LIMITED TO ANY DONOR SITES AND/OR FAR END SITES WHICH MAY BE IMPACTED DUE TO PROPOSED WORKS.

ALL CONTRACTORS WORKING ON TELSTRA FACILITIES SHALL BE TELSTRA ACCREDITED AS PER TELSTRA PROTOCOLS.

4. MAINS SUPPLY

10A / 1P SUPPLY SHALL BE PROVIDED BY SITE PROVIDER. PROVIDE AND INSTALL 10A / 1P CB IN NEXT AVAILABLE POSITION IN DISTRIBUTION BOARD OF MOTEL ROOM BUILDING AS TELSTRA MAIN SWITCH. TELSTRA MAIN SWITCH SHALL BE LABELLED AS "TELSTRA - DO NOT SWITCH OFF".

PROVIDE AND INSTALL 2C+E 6mm Cu / XLPE MULTICORE MAINS FROM TELSTRA MAIN SWITCH TO 16A / 1P MCB IN AC DB OF PROPOSED TELSTRA SMALL CELL CABINET.

TELSTRA MAINS SHALL BE INSTALLED ON THE STEEL FLOOR BEAM STRUCTURE AND THEN UNDERGROUND IN 50mm UPVC CONDUIT. ALL EXPOSED CONDUITS SHALL BE UV PROTECTED. APPROXIMATE CABLE RUN IS 40m.

TELSTRA MAIN SWITCH LOCATION AND PROPOSED CABLE ROUTE SHALL BE CONFIRMED ON SITE WITH SITE PROVIDER PRIOR TO BUILD. NO METERING IS REQUIRED ON SITE FOR TELSTRA.

5. HEAT LOAD

SMALL CELL ROADSIDE CABINET HAS PASSIVE COOLING AND ASSOCIATED FANS TO CATER FOR PROPOSED HEAT LOAD.

6. DC POWER

PROPOSED INSTALL ERICSSON EPA-PSU-AC (1 OFF) IN PROPOSED SMALL CELL CABINET. ERICSSON PSU-AC SHALL BE POWERED DIRECTLY FROM 16A/1P MCB IN AC DB OF SMALL CELL CABINET. NO BATTERY RESERVE IS DESIGNED FOR THIS SITE.

7. RBS

PROPOSED INSTALL BB6303 (1 OFF) AND RADIO2217 (1 OFF) IN PROPOSED SMALL CELL CABINET.

PROPOSED BB6303 AND RADIO2217 SHALL BE SUPPLIED VIA A 10A MCB EACH FROM DC DISTRIBUTION BOARD WITHIN SMALL CELL CABINET.

ALL INSTALLATION SHALL BE IN ACCORDANCE WITH TELSTRA DEPLOYMENT MANUALS FOR SMALL CELL ON SKID FRAME. REFER TO SHEET E5 FOR DETAILS.

8. GPS SYSTEM

PROVIDE AND INSTALL GPS ANTENNA AS PER TELSTRA SPECIFICATIONS FOR SMALL CELLS.

9. LABELLING

ALL LABELLING SHALL BE AS PER TELSTRA REQUIREMENTS FOR SMALL CELLS.

10. EARTHING

ALL EARTHING AND BONDING IS TO BE IN ACCORDANCE WITH THE TELSTRA EARTHING MANUAL 017866A07.

ALL CABINETS SHALL BE CONNECTED TO EARTHING SYSTEM AS PER TELSTRA REQUIREMENTS.

ALL EQUIPMENT INSTALLED IN THE PROPOSED SMALL CELL CABINETS ARE TO BE BONDED TO THE CABINET EARTH BAR. FOR FEEDER EARTHING REFER TO DRAWING 017866P201 SHEET 11.

ALL BONDING CONDUCTORS ARE TO BE LABELLED AT BOTH ENDS IN ACCORDANCE WITH THE TELSTRA EARTHING MANUAL

SECTION 3.5.

- PROPOSED EARTH GRID ELECTRODES: 2 OFF
- PROPOSED EARTH GRID ELECTRODE LENGTH: 2.88M
- INSTALLATION METHOD: DRIVEN.

REFER TO SITE EARTHING PLAN FOR DETAILS.

UNAPPROVED
DRAWING

COMPLIANCE BOX

COMPLETED AS PER DESIGN

ALTERATIONS IN RED

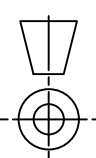
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DO NOT SCALE

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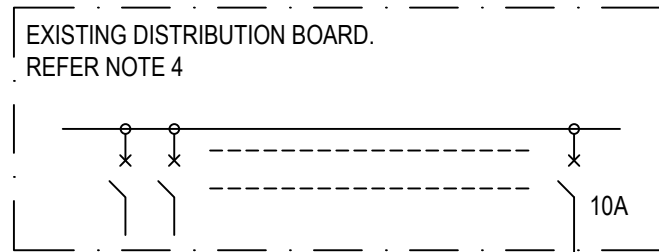
Telstra

SMALL CELL SITE 369560
MUSGRAVE ROADHOUSE

ELECTRICAL SPECIFICATION

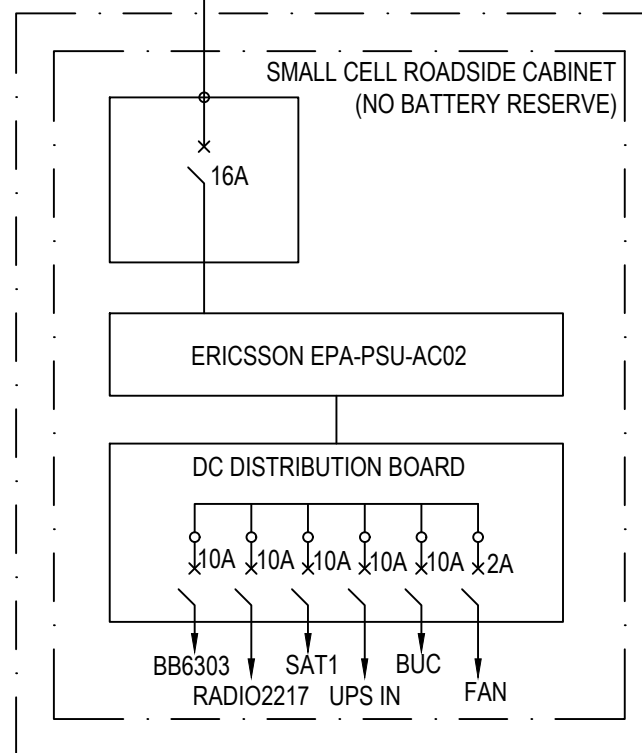
1 PLAN 730465 PENINSULA DEVELOPMENTAL RD, YARRADEN, QLD 4892

DWG NO. **Q117801**
SHT NO. E0



EXISTING DISTRIBUTION BOARD. TELSTRA MAIN SWITCH SHALL BE LABELLED AS "TELSTRA - DO NOT SWITCH OFF"

2C+E 6mm CU/XLPE MULTICORE MAINS. APPROX CABLE RUN 40m. REFER TO SHEET E0 FOR DETAILS



AC POWER CONNECTION

NOT TO SCALE

**UNAPPROVED
DRAWING**

COMPLIANCE BOX
COMPLETED AS PER DESIGN
ALTERATIONS IN RED
NAME (PRINT) _____
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FOR CONSTRUCTION

- NOTES:
1. ALL INSTALLATION SHALL BE AS PER TELSTRA APPROVED MOPS AND GUIDELINES.
 2. REFER TO TELSTRA STANDARD DRAWING 017866P189 SHEET 8 FOR CONNECTION DETAILS.
 3. LOW VOLTAGE AC POWER WORKS ARE CONDUCTED BY LICENSED ELECTRICIAN.
 4. TELSTRA MAIN SWITCH LOCATION AND CABLE ROUTE SHALL BE CONFIRMED ON SITE WITH SITE PROVIDER PRIOR TO BUILD.



ORDER	DRAWN	CHKD	AMENDMENT	EXAM	APPD	DATE	ISS
4014115.01	JM	FF	FOR CONSTRUCTION-SP30101364W0002DOWNER L700	IN	PG	21.08.23	1

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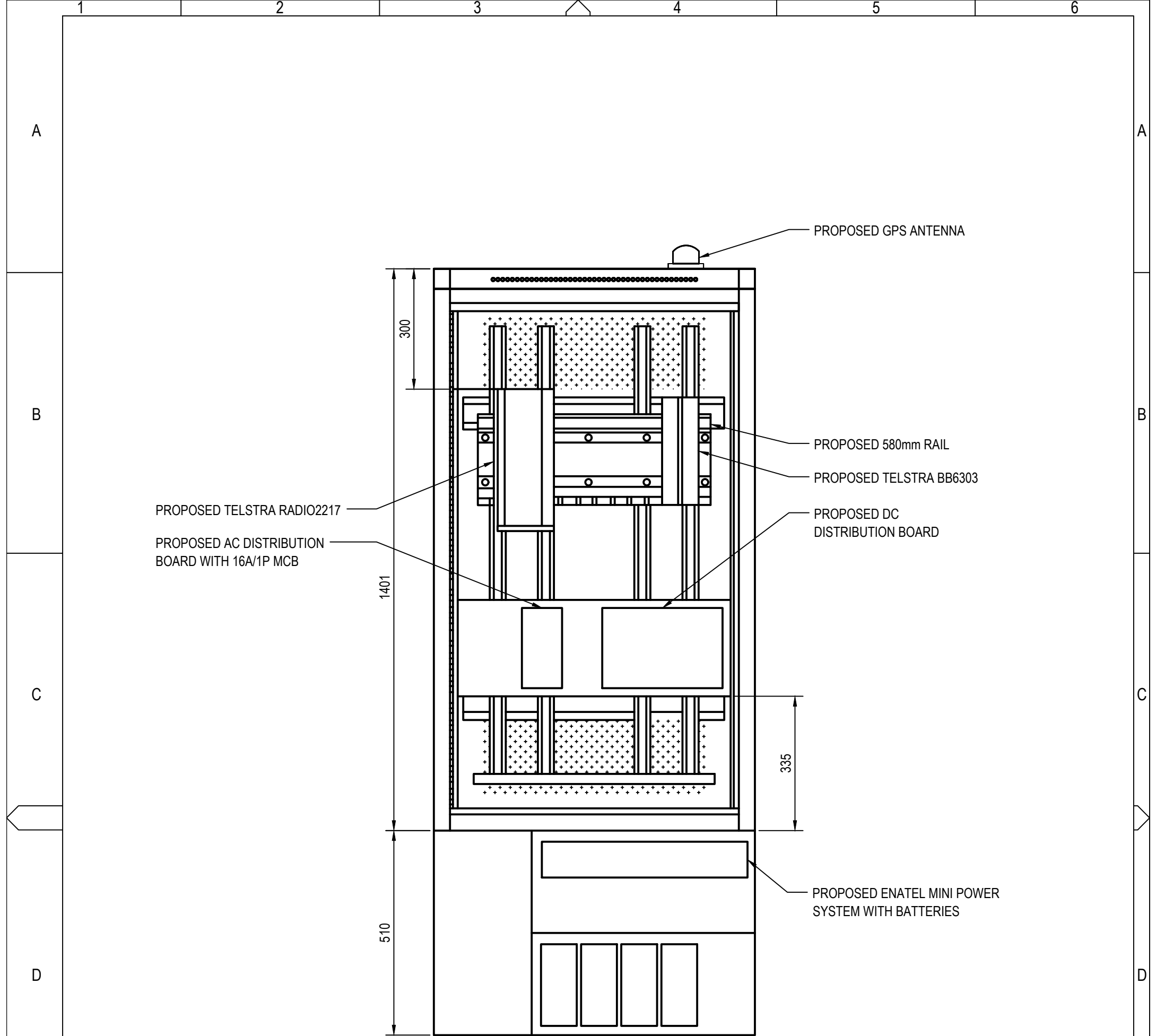
**SMALL CELL SITE 369560
MUSGRAVE ROADHOUSE**

AC POWER CONNECTION

1 PLAN 730465 PENINSULA DEVELOPMENTAL RD, YARRADEN, QLD 4892

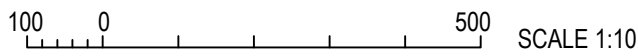
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DWG NO. **Q117801** SHT NO. E2



ELEVATION

SCALE 1:10



**UNAPPROVED
DRAWING**

COMPLIANCE BOX
 COMPLETED AS PER DESIGN
 ALTERATIONS IN RED
 NAME (PRINT) _____
 SIGNATURE _____ DATE _____

FOR CONSTRUCTION

NOTES:
 1. ALL DIMENSIONS ARE IN MILLIMETRES.



ORDER	DRAWN	CHKD	AMENDMENT	EXAM	APPD	DATE	ISS
4014115.01	JM	FF	FOR CONSTRUCTION-SP30101364W0002DOWNER L700	IN	PG	21.08.23	1

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Telstra

**SMALL CELL SITE 369560
 MUSGRAVE ROADHOUSE**
 RACK LAYOUT
 1 PLAN 730465 PENINSULA DEVELOPMENTAL RD, YARRADEN, QLD 4892

DWG NO. **Q117801** SHTE5 (Portrait) NO. _____



Appendix B – EME Report

Environmental EME Report for Small Cells

Location	1 Plan 730465 Peninsula Developmental Rd, Yarraden QLD 4892 (see photo)
Date	16/08/2023
RFNSA No.	4892002



How does this report work?

This report provides a summary of levels of radiofrequency (RF) electromagnetic energy (EME) around the small cell base station at 1 Plan 730465 Peninsula Developmental Rd, Yarraden QLD 4892. These levels have been calculated by Downer Group using methodology developed by the Australian Radiation Protection and Nuclear Safety Agency (ARPANSA). A document describing how to interpret this report is available at ARPANSA's website: [A Guide to the Environmental Report](#).

A snapshot of calculated EME at street level

<p>There are currently no existing radio systems for this site.</p>	<p>The maximum EME level calculated for the proposed changes at 1.5m above ground is</p> <p style="font-size: 2em; font-weight: bold; text-align: center;">0.02%</p> <p>out of 100% of the public exposure limit, 23 m from the location.</p>
---	--

Radio systems at the site

Existing transmitting equipment is listed under the existing configuration. Proposed includes the final configuration after modifications are complete.

Carrier	Existing		Proposed	
	Systems	Configuration	Systems	Configuration
Telstra			4G	LTE700 (proposed)

Calculated EME levels at other areas of interest

This table contains calculations of the maximum EME levels at selected areas of interest, identified with regard to the consultation requirements of the [Communications Alliance Ltd Deployment Code C564:2020](#) or other means. Calculations are performed over the indicated height range and include the proposed radio systems for this site.

Maximum cumulative EME level for the proposed configuration

Location	Height range	Percentage of the public exposure limit
No locations identified		



Appendix C – Precautionary Approach Checklist (PAC) to Site Selection & Site Design and Traffic Light Model (TLM)



F4.1 Precautionary Approach to Site Selection Checklist

Issue Date	18/08/2023	Carrier	Telstra	Address	Musgrave Roadhouse, Peninsula Developmental Road, Yarraden QLD 4892	RFNSA No.	4892002
Description of Infrastructure	<ul style="list-style-type: none"> The installation of a new 20m monopole (overall height including antenna protrusion 21.4m) The installation of one (1) omni antenna on top of the monopole The installation of one (1) equipment cabinet at the base of the monopole The installation of one (1) GPS antenna on top of the cabinet The installation of associated ancillary equipment including feeders, cabling, electrical equipment, signage and other associated equipment. 						

4.1 Application of Precautionary Approach to Site Selection			
Section No.	Industry Code C564:2018 Requirement For each site the Carrier must have regard to:	Meaning/Application	Prompt/Question/response
4.1.3	For new sites, once the preferred option has been selected, the Carrier must make available to the public on request the summary of the sites considered and the reasons for the selection of the preferred option.	New Sites only: <i>This information should come from the detailed assessment in the Candidate Ranking Report or Candidate Assessment Report.</i>	The proposed site was selected to best accommodate planning, property and design.
4.1.5 (a)	The reasonable service objectives of the carrier including (i) the area the planned service must cover (ii) power levels needed to provide quality of service (iii) the amount of usage the planned service must handle	<ul style="list-style-type: none"> This applies to the selected candidate only 	<ul style="list-style-type: none"> i) <i>The proposal will provide the surrounding area with access to enhanced mobile communications.</i> ii) <i>The transmit power settings at this facility will be set to accomplish the desired coverage, capacity and call quality within the areas listed above. The specifications provide for the ability for the facility to reduce the transmitting power to each user based on the radio environment.</i> iii) <i>This site is a regional site providing improved coverage, call quality and capacity. The proposed facility will offer enhanced</i>



			<p><i>service to the region, particularly during peak holiday periods and times of emergency.</i></p>
4.1.5 (b)	Minimisation of EMR exposure to public		<p><i>This facility will be designed and will be installed in accordance with relevant regulations relating to exposure to EME.</i></p> <p><i>The environmental EME level is minimised through radio network design. Adaptive power control is the network feature that automatically adjusts the power and hence minimises EME from both the base station and the handset. Another feature, called discontinuous transmission, reduces EME emissions by automatically switching the transmitter off when no speech or data is sent.</i></p> <p><i>The site has been designed to restrict public access to any areas that exceed the general public exposure limits.</i></p> <p><i>EME exposure to the public will be minimised by:</i></p> <ul style="list-style-type: none"> • <i>On site signage</i> • <i>Restricted access</i>
4.1.5 (c)	The likelihood of an area being a community sensitive location.	<ul style="list-style-type: none"> • Consider the Likelihood of being Sensitive 	<p><i>A review of community sensitive locations both at and surrounding the site has been undertaken as part of the site selection process. This assessment takes into account the environmental and community issues that have been identified.</i></p> <p><i>The likelihood of the area being a community sensitive location is considered low. The installation of antennas on a new monopole within an existing Telstra exchange is considered a reasonable visual impact on the area when balanced with the net community</i></p>



			<i>benefit of introducing access to reliable mobile phone Telecommunications in the region.</i>
4.1.5 (d)	The objective of avoiding community sensitive locations	<ul style="list-style-type: none"> Avoid Sensitive Locations – How? 	<p><i>Telstra seeks to avoid community sensitive locations when siting new telecommunications facilities.</i></p> <p><i>Telstra has selected a site in a rural area that is well separated from dwellings and community sensitive locations.</i></p>
4.1.5 (e)	Relevant state and local government telecommunications planning policies		<i>The proposal requires council consent to develop a telecommunications facility.</i>
4.1.5 (f)	The outcomes of consultation processes with Councils and Interested and Affected parties as set out in Section 6.7	<ul style="list-style-type: none"> This happens after we have selected the site, so comments need to be generic 	<i>Consultation will be undertaken as per Council’s advice.</i>
4.1.5 (g)	The heritage significance (built, cultural and natural)		<p><i>A review of the heritage significance both at and around the site has been undertaken as part of the site assessment process. This assessment has taken in to account any built, cultural and natural factors that have been identified.</i></p> <p><i>The proposed site is not located in a heritage precinct and is not heritage listed.</i></p>
4.1.5 (h)	The physical characteristics of the locality including elevation and terrain	<ul style="list-style-type: none"> To be answered by planning consultant 	<i>The physical characteristics of this site have been considered during the evaluation of this facility. Factors considered included the terrain, site elevation and the height of the surrounding obstacles. Radio propagation analysis indicates that selecting appropriate antennas tilts and mounting heights will meet the requirements of coverage from this facility.</i>



4.1.5 (i)	The availability of land and public utilities	<ul style="list-style-type: none"> To be answered by planning consultant 	<i>The site is on private land. There is no available public land nearby.</i>
4.1.5 (j)	The availability of transmission to connect the radiocommunications infrastructure with the rest of the network, e.g. line of sight for microwave transmission	Technical answer provided in Candidate Ranking Report of Candidate Assessment Report about transmission options.	<i>The proposal will utilise satellite transmission for this proposal.</i>
4.1.5 (k)	The radiofrequency interference the planned service may cause to other services	<ul style="list-style-type: none"> Operate at Separate Frequencies? 	<p><i>Radio propagation analysis has been used to select appropriate antenna tilts to meet the requirements for coverage from the facility, while minimising interference to the existing network.</i></p> <p><i>Due consideration has been given to control interference to other services, for example:</i></p> <ul style="list-style-type: none"> <i>- Transmitters are designed to comply with ACMA regulations which minimise spurious interference to other services.</i> <i>- Sufficient antenna separation is maintained at co-located sites.</i> <i>- Detailed RF modelling has been performed to ensure that interference into other services (such as domestic electrical equipment, medical equipment and fuel/explosive stores etc) is within acceptable limits.</i>
4.1.5 (l)	The radiofrequency interference the planned service could experience at that location from other services or sources of radio emissions		<i>Radio propagation analysis has been used to select appropriate antenna tilts to meet the requirements for coverage from the facility. Interference from other services has been considered in the process.</i>



4.1.5 (m)	Any obligations, and opportunities, to co-locate facilities		<i>Desktop studies of the area and an actual site assessment has been undertaken. All existing infrastructure were considered as part of this study. Telstra is proceeding to co-locate its facility on its existing guyed mast within the Telstra Exchange.</i>
4.1.5 (n)	Cost factors	<ul style="list-style-type: none"> • Access Tracks/Power/Transmission/Construction 	<i>Preliminary costing of the proposed upgrade has been undertaken. The costs are considered to be reasonable.</i>

F4.2 Precautionary Approach to Infrastructure Design Checklist

4.2 Application of Precautionary Approach to Infrastructure Design		
Section No.	Industry Code C564:2018 Requirement For each site the Carrier must have regard to:	Comments on how the Carrier has had regard to each item
4.2.3 (a)	The reason for the installation of the infrastructure considering – coverage, capacity and quality	<i>This facility is intended to improve mobile network depth of coverage and service quality to the area.</i>
4.2.3 (b)	The positioning of antennas to minimise obstruction of radio signals	<i>The antennas have been located at the most appropriate location to minimise the obstruction of radio signals and to also meet the objectives outlined in Section No 4.2.3 (a).</i>
4.2.3 (c)	The objective of restricting access to areas where RF exposure may exceed limits of the EMR standard	<i>This facility is designed and will be installed in accordance with Telstra Guidelines to restrict public access to any areas that exceed the general public EME exposure limits.</i>
4.2.3 (d)	The type and features of the infrastructure that are required to meet service needs including: <ol style="list-style-type: none"> i. The need for macro, micro or pico cells; and 	<i>This facility consists of small cell utilising omni antennas to meet the objectives outlined in Section No 4.2.3 (a).</i>



	ii. The need for directional or non-directional antennas	
4.2.3 (e)	The objective of minimising power whilst meeting service objectives	<i>The transmit power settings at this facility will be set to accomplish the desired coverage, capacity and call quality within the areas listed in 4.2.3 (a). The Over the Air specifications provide for the ability for the facility to reduce the transmitting power to each user based on the radio environment.</i>
4.2.3 (f)	Whether the costs of achieving this objective are reasonable	<i>Telstra has under taken preliminary costing of this upgrade and are of the opinion these costs are reasonable.</i>
4.2.5	Site EMR assessments for Mobile Phone Radiocommunication Infrastructure must be made in accordance with the ARPANSA prediction methodology and report format (see Appendix B – Additional Design Information and Appendix C – ARPANSA EME Report Format)	<i>EMR assessments in accordance with ARPANSA have been completed and have been uploaded onto the RFNSA (www.rfnsa.com.au).</i>

NEW SITE TLM



NSA Site Number	4892002
NSA Site Name	Musgrave Roadhouse
Site Address	Musgrave Roadhouse, Peninsula Developmental Road, Yarraden QLD 4892
Prepared By	Liz Mansell
Date	18/08/2023

RESULTS TABLE	SCORE %
<i>COMMUNITY ISSUES</i>	6
<i>PLANNING AND ENVIRONMENT ISSUES</i>	48
TOTAL TLM RATING	Amber

Based on your experience, does this rating match your expectations for this site? YES/NO and Comments	Yes
If the rating is less than expected you may need to revise the model. Check with a peer if unsure.	

1	COMMUNITY ISSUES TO CONSIDER	
1.1	Local Area History	
TO DO	Check RFNSA for amber and red sites in the proximity on map at Details page Check to see if any nearby sites were contentious. Check internet, Facebook etc for previous deployment activity Check carrier's site sensitivity list or previous attempts to acquire sites in area	
ANSWER	Has there been community opposition/campaigns against deployment Has there been previous community objections in area to development Is site on or near a contentious site Are there any red rated sites surrounding, from your review of surrounding sites map on RFNSA?	<input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> Yes <input checked="" type="radio"/> No
	Local Area History Rating - Select Best Description	Select Best Answer
1	No Known previous issues	<input checked="" type="radio"/>
2	Community known to object to telecommunications activity	<input type="radio"/>
3	Proposed facility is in an area where there have been previous objections/Expect community opposition	<input type="radio"/>
4	There have been previous attempts to acquire a site in this area by carriers that have been unsuccessful or there been nearby outage sites	<input type="radio"/>

1.2	Views and attitudes of Local community
------------	---

TO DO	<p>Pick up a copy of the local paper/s, see what topics are of interest to the community</p> <p>Check Council's website for recent media releases in response to local issues and guide to local groups.</p> <p>Talk to Council's planning staff.</p> <p>Google search of local area and mobile towers</p>	
ANSWER	<p>Are there Red rated sites nearby as per RFNSA map</p> <p>Are there local action groups (opposition to new roads, fast food outlets, environmental protection)</p> <p>Does the Community have issues with new development (e.g wind farms, multi-unit developments)</p> <p>Are there known Community Interest groups e.g. local progress association and rate payers groups, parents group, environmental protection groups etc</p>	<input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> Yes <input checked="" type="radio"/> No
	Views and attitudes of Local community	Select Best Answer
1	No known action groups	<input checked="" type="radio"/>
2	Action groups	<input type="radio"/>
3	Active local action groups (including non-deployment issues) in the area and red rated sites in the area	<input type="radio"/>

1.3	EME Issues	
TO DO	<p>Check views from and to the proposed facility.</p> <p>Consider previous local community interest in EME issues.</p> <p>Check the level of increase of EME.</p> <p>Seek advice about EHS concerns from Carrier reps</p>	
ANSWER	<p>Antennas now visible from residences or commercial spaces and sensitive uses but weren't previously?</p> <p>Community/Individuals concerned about EME and deployment</p> <p>Residents known to monitor EME at the site</p> <p>EHS/health concerns in area?</p> <p>Does EME increase with upgrade?</p> <p>Previous community concern about EME and towers?</p>	<input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> Yes <input checked="" type="radio"/> No <input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Yes <input checked="" type="radio"/> No
	EME Issues	Select Best Answer
1	EME not expected to be an issue	<input checked="" type="radio"/>
2	Community/Individuals concerned about EME and health	<input type="radio"/>
3	Previous EME concern stopped deployment/likely community outrage about EME and health	<input type="radio"/>

1.4	Sensitive Uses - Residential / Schools /child/day care centres & kindergartens/ hospitals /aged care facilities/playgrounds/sporting facilities/ other recreational	
TO DO	<p>Consider the nature of the surrounding area.</p> <p>Consider the proximity sensitive uses</p> <p>Consider the views of uses to the facility.</p>	
ANSWER	<p>Are there sensitive uses identified?</p> <p>Proposed site is visible from Sensitive uses?</p>	<input type="radio"/> Yes <input checked="" type="radio"/> No <input checked="" type="radio"/> Yes <input type="radio"/> No

	Proposed site will be a focal point/extremely visible? Distant views are impacted by the proposed facility?	<input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> Yes <input checked="" type="radio"/> No
	Sensitive Uses	Select Best Answer
1	No proximity/away from residences and sensitive use/minimal impact on residences	<input type="radio"/>
2	Close to residences or sensitive uses	<input checked="" type="radio"/>
3	Residences and sensitive uses in the immediate vicinity	<input type="radio"/>
4	Residences/ Sensitive uses are in close proximity or site will be visible.	<input type="radio"/>

1.5	Media & Political Interest	
TO DO	Google location name and towers review for recent activity. Check local newspapers for recent articles on towers Research local ward, state and federal electorate for known politicians or contending politicians with an interest in deployment. Check carriers site sensitive list or contentious tag on RFNSA Google timing of all levels of government elections.	
ANSWER	Has there been local/state/national media coverage of the site ? Likely or potential Interest from ward councillors/previous interest? Likelihood of interest/previous interest from State MP? Likelihood of interest/previous interest from Federal MP? Are there other key political influencers in the area (i.e. may not be their electorate but may have a personal or portfolio interest) ? Timing of elections -are they within next 6 months?	<input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> Yes <input checked="" type="radio"/> No
	Media & Political Interest	Select Best Answer
1	No identified political issues or media coverage	<input checked="" type="radio"/>
2	Could anticipate some political interest	<input type="radio"/>
3	MP/councillors been involved in previous sites/Elections(ward/ state/federal) scheduled in the next 6 months/previous media coverage of deployment	<input type="radio"/>
4	Active political interest in site / involvement in previous telecommunications sites in area/recent media coverage in sites	<input type="radio"/>
5	Key political influencer/ known media interest in site issues.	<input type="radio"/>

2	PLANNING AND ENVIRONMENT ISSUES	
2.1	Council/ Relevant authority	
TO DO	Talk to Council planner about proposal. Check Council's telecommunications policy. Check sites that have been red rated on TLM or contentious in RFNSA in area.	
ANSWER	Will Council planners attitude to the proposal be favourable? Council has restrictive Telecommunications Policy, exclusion zones, EME policy etc? Previous refusals and appeals on mobile phone base stations in this area?	<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> Yes <input checked="" type="radio"/> No

	Council/Relevant Authority	Select Best Answer
1	Council planner likely to support proposal/Council unlikely to object	<input checked="" type="radio"/>
2	Proposal is permissible under Council policies	<input type="radio"/>
3	Council known to restrict development/infrastructure projects	<input type="radio"/>
4	Council known to refuse telco DA's/ Council legally questioned deployment/ Local Elections in next 6 months	<input type="radio"/>

2.2	Site Location	
TO DO	Checking zoning and principle designated use.	
	Site Location	Select Best Answer
1	Rural area/other	<input checked="" type="radio"/>
2	Industrial area.	<input type="radio"/>
3	Commercial area.	<input type="radio"/>
4	Residential area/other.	<input type="radio"/>

2.3	Planning Analysis of Siting and Design	
TO DO	Consider the scale of the new facility in relation to the existing built or natural environment. Review the site in the context of its environment. Check the placement of ancillary equipment, cables etc.	
ANSWER	Does Scale/bulk of upgrade fit the setting? Will the site be visually obtrusive? Will community consider scale is acceptable in context of site? Does ancillary equipment have a negative visual impact?	<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Yes <input checked="" type="radio"/> No <input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Yes <input checked="" type="radio"/> No
	Planning Analysis of Siting and Design	Select Best Answer
1	Minimal impact	<input type="radio"/>
2	Some/ Minimal visual impact on stakeholders	<input checked="" type="radio"/>
3	Medium level of visual impact/Scale of proposal is significant in context of site	<input type="radio"/>
4	Highly visible and noticeable change to the local community. Noticeable impact on stakeholders	<input type="radio"/>

2.4	Level of Visual Impact of site on:	
TO DO	Assess the potential visual impact of the proposed facility. Assess the potential impact of the proposed facility from areas surrounding the site.	
ANSWER	Is equipment visible at street level /ground level? Is equipment visible at nearest residences/apartments/houses Is equipment visible from adjacent buildings looking on to antennas local area? Is equipment visible from Sensitive uses – schools and childcare centres?	<input type="radio"/> Yes <input checked="" type="radio"/> No <input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> Yes <input checked="" type="radio"/> No

	Is equipment visible at recreational areas?	<input type="radio"/> Yes <input checked="" type="radio"/> No
	Level of Visual Impact of site	Select Best Answer
1	No visual impact	<input type="radio"/>
2	Visible but not impacting on community/area	<input checked="" type="radio"/>
3	Visible to residential areas/community sensitive uses	<input type="radio"/>

2.5	Environmental Significance	
TO DO	<p>Check overlays.</p> <p>Check protections in place.</p> <p>Discuss environmental sensitivity with Council.</p> <p>Consider vistas/uses of the area/significance to local community.</p>	
ANSWER	<p>Does Site have Heritage issues/overlays/listed items/area</p> <p>Does the site impact on a location that is important to the community?</p> <p>Is site in or impacting on a Foreshore Area/National Park/ Nature Reserve /Parks/Ovals/River /Lake area?</p> <p>Does site have Native Heritage or Title issues, artefacts?</p> <p>Does site have Flora and Fauna significance?</p>	<p><input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p><input type="radio"/> Yes <input checked="" type="radio"/> No</p> <p><input type="radio"/> Yes <input checked="" type="radio"/> No</p> <p><input type="radio"/> Yes <input checked="" type="radio"/> No</p> <p><input type="radio"/> Yes <input checked="" type="radio"/> No</p>
	Environmental Significance	Select Best Answer
1	No issues	<input type="radio"/>
2	Close to places of environmental or community significance	<input type="radio"/>
3	In an area of environmental significance/impacts on scenic values or heritage areas	<input checked="" type="radio"/>



Appendix D – Cultural Heritage Search



Cultural Heritage Database and Register Search Report

Search report reference number: 140960

The Aboriginal and Torres Strait Islander Cultural Heritage Database (cultural heritage database) and Aboriginal and Torres Strait Islander Cultural Heritage Register (cultural heritage register) have been searched in accordance with the location description provided, and the results are set out in this report.

The cultural heritage database is intended to be a research and planning tool to help Aboriginal and Torres Strait Islander parties, researchers, and other persons in their consideration of the cultural heritage values of particular areas.

The cultural heritage register is intended to be a depository for information for consideration for land use and land use planning, and a research and planning tool to help people in their consideration of the Aboriginal cultural heritage values of particular objects and areas.

Aboriginal or Torres Strait Islander cultural heritage which may exist within the search area is protected under the [Aboriginal Cultural Heritage Act 2003](#) and the [Torres Strait Islander Cultural Heritage Act 2003](#) (the Cultural Heritage Acts), even if the Department of Seniors, Disability Services and Aboriginal and Torres Strait Islander Partnerships (the Department) has no records relating to it.

The placing of information on the database is not intended to be conclusive about whether the information is up-to-date, comprehensive or otherwise accurate.

Under the Cultural Heritage Acts, a person carrying out an activity must take all reasonable and practicable measures to ensure the activity does not harm Aboriginal or Torres Strait Islander cultural heritage. This applies whether or not such places are recorded in an official register and whether or not they are located on private land.

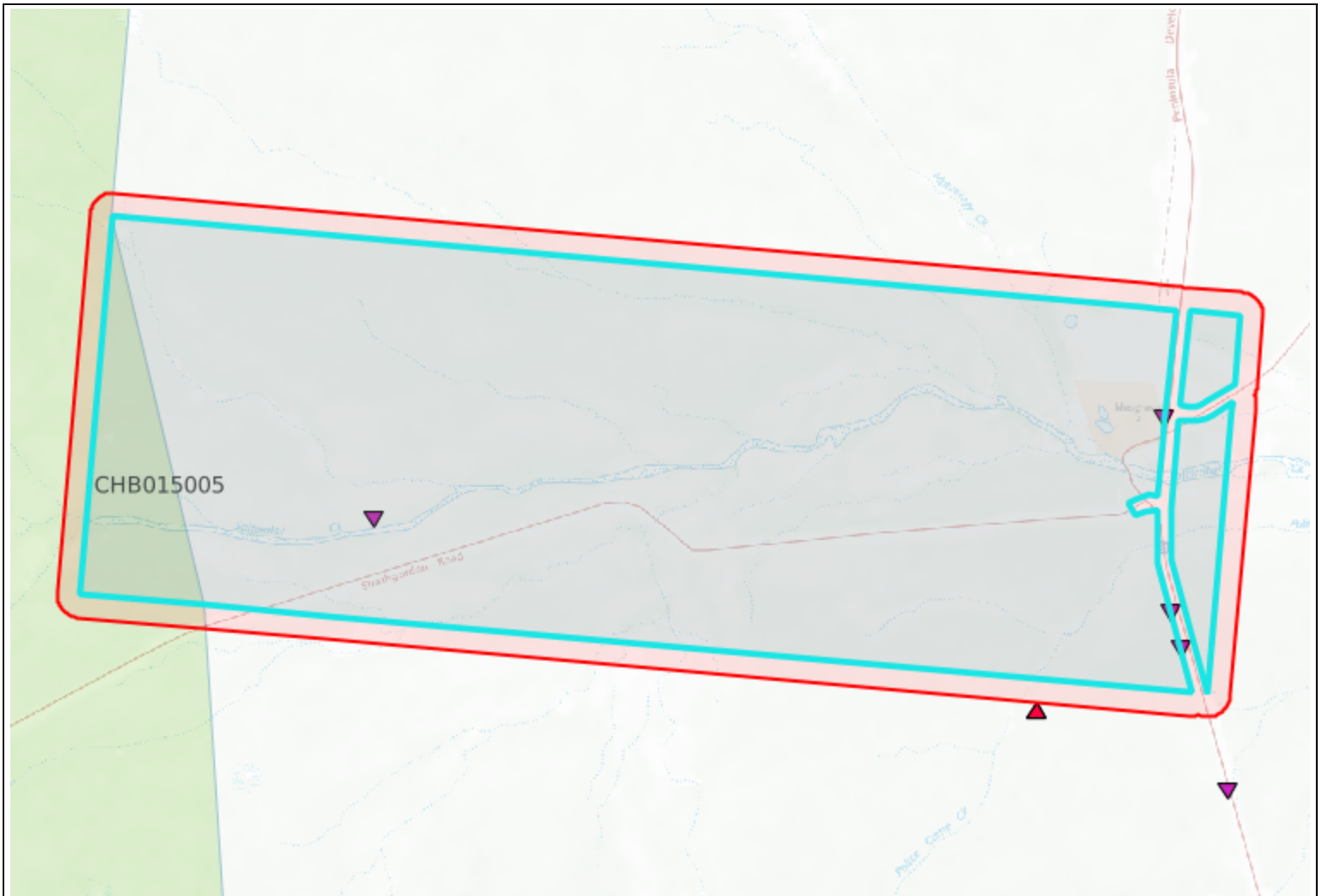
Please refer to the Department website <https://www.qld.gov.au/firstnations/environment-land-use-native-title/cultural-heritage/cultural-heritage-duty-of-care> to obtain a copy of the gazetted Cultural Heritage Duty of Care Guidelines, which set out reasonable and practicable measure for meeting the cultural heritage duty of care.

In order to meet your duty of care, any land-use activity within the vicinity of recorded cultural heritage should not proceed without the agreement of the Aboriginal or Torres Strait Islander Party for the area, or by developing a Cultural Heritage Management Plan under Part 7 of the Cultural Heritage Acts.

The extent to which the person has complied with Cultural Heritage Duty of Care Guidelines and the extent the person consulted Aboriginal or Torres Strait Islander Parties about carrying out the activity – and the results of the consultation – are factors a court may consider when determining if a land user has complied with the cultural heritage duty of care.

Should you have any further queries, please do not hesitate to contact the department via email: cultural.heritage@dssdsatsip.qld.gov.au or telephone: 1300 378 401.

Cultural Heritage Database and Register Search Report



LEGEND

- CH Parties
- CH Bodies
- CHMPs
- Study Areas
- DLAs

Cultural Heritage Sites

- Pre-2015 Point Site
- Post-2015 Point Site
- Mitigated Point Site
- Pre-2015 Area Site
- Post-2015 Area Site
- Mitigated Area Site

Reference Number: 140960

Search Type: Lot/Plan

Lot: 1

Plan: SP314593

Shire: Cook Shire

Buffer Distance: 100m

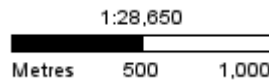
Map Projection: Geographic Latitude & Longitude (GDA2020).

The Department of Seniors, Disability Services and Aboriginal and Torres Strait Islander Partnerships (DSDSATSIP) is the custodian of spatial data provided by various third parties for inclusion in the Aboriginal and Torres Strait Islander cultural heritage online portal. This includes spatial data provided by the National Native Title Tribunal and Aboriginal and Torres Strait Islander parties.

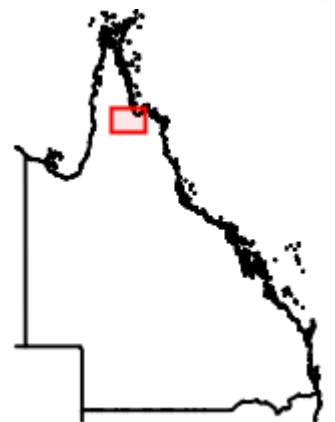
Features shown on this map have been obtained from available sources. It is possible that errors and omissions may exist. The DSDSATSIP disclaims any liability for any errors or omissions that appear in this document.

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Map produced by the Cultural Heritage Unit, DSDSATSIP, Brisbane, Queensland, Australia on 17 August 2023.



LOCALITY



Cultural Heritage Database and Register Search Report

Cultural heritage site points for the area:

Site ID	Latitude	Longitude	Date Recorded	Attribute	Cultural Heritage Party
DR:A11	-14.78504	143.473438	01/08/2003	Cultural Site	
DR:A14	-14.781165	143.504712	19/08/2003	Burial(s)	
DR:A14	-14.781165	143.504712	19/08/2003	Historical Place	
EP:G11	-14.790001	143.50538	25/11/2003	Scarred/Carved Tree	
EP:G12	-14.788633	143.504965	25/11/2003	Scarred/Carved Tree	

There are no Aboriginal or Torres Strait Islander cultural heritage site polygons recorded in your specific search area.

There are no Cultural Heritage Parties recorded in your specific search area.

Cultural Heritage Body/ies for the area:

Departmental Reference No.	Body Name	Contact Details	Registration Date
CHB015005	Olkola Aboriginal Corporation	Olkola Aboriginal Corporation PO Box 523 WESTCOURT QLD 4870 Phone: (07) 4051 2184 Mobile: 0428 218 959 Email: executive.officer@olkola.com.au Email: admin@olkola.com.au	24/09/2015

There are no Cultural Heritage Management Plans recorded in your specific search area.

There are no Designated Landscape Areas (DLA) recorded in your specific search area.

There are no Registered Cultural Heritage Study Areas recorded in your specific search area.

There are no National Heritage Areas (Indigenous values) recorded in your specific search area.

Cultural Heritage Database and Register Search Report

Glossary

Cultural Heritage Body: An entity registered under Part 4 of the Cultural Heritage Acts as an Aboriginal or Torres Strait Islander cultural heritage body for an area. The purpose of a cultural heritage body is to:

- identify the Aboriginal or Torres Strait Islander parties for an area
- serve as the first point of contact for cultural heritage matters.

Cultural Heritage Management Plan (CHMP): An agreement between a land user (sponsor) and Traditional Owners (endorsed party) developed under Part 7 of the Cultural Heritage Acts. The CHMP explains how land use activities can be managed to avoid or minimise harm to Aboriginal or Torres Strait Islander cultural heritage.

Cultural Heritage Party: Refers to a native title party for an area. A native title party is defined as:

- Registered native title holders (where native title has been recognised by the Federal Court of Australia).
- Registered native title claimants (whose native title claims are currently before the Federal Court of Australia).
- Previously registered native title claimants (the 'last claim standing') are native title claims that are no longer active and have been removed from the Register of Native Title Claims administered by the National Native Title Tribunal. Previously registered native title claimants will continue to be the native title party for that area providing:
 - o there is no other registered native title claimant for the area; and
 - o there is not, and never has been, a registered native title holder for the area.

The native title party maintains this status within the external boundaries of the claim even if native title has been extinguished.

Cultural heritage site points (pre 2015): Aboriginal and Torres Strait Islander cultural heritage sites and places recorded in the database as point data **before** 1 July 2015.

Cultural heritage site points (post 2015): Aboriginal and Torres Strait Islander cultural heritage sites and places recorded in the database as point data **after** 1 July 2015.

Cultural heritage site points (post 2015 mitigated): Aboriginal and Torres Strait Islander cultural heritage sites and places recorded in the database as point data after 1 July 2015 where the recorder has advised the department that the site has been mitigated.

Cultural heritage site polygons: Aboriginal and Torres Strait Islander cultural heritage sites and places recorded in the database as a polygon.

Designated Landscape Areas (DLA): Under the repealed *Cultural Record (Landscapes Queensland and Queensland Estate) Act 1987*, an area was declared a 'designated landscape area' (DLA) if it was deemed necessary or desirable for it to be preserved or to regulate access.

Indigenous Protected Areas (IPA): Areas of land and sea managed by Indigenous groups as protected areas for biodiversity conservation through voluntary agreements with the Australian Government. For further information about IPAs visit <https://www.environment.gov.au/land/indigenous-protected-areas>

National Heritage areas: Places listed on the National Heritage List for their outstanding heritage significance to Australia and are protected under the *Environment Protection and Biodiversity Conservation Act 1999*. For further information about the National Heritage List visit <https://www.environment.gov.au/heritage/about/national>

National Heritage Areas (Indigenous values): Places listed on the National Heritage list (Indigenous values) are recognised for their outstanding Indigenous cultural heritage significance to Australia and are protected under the *Environment Protection and Biodiversity Conservation Act 1999*. These areas are now included in the cultural heritage

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register.

Registered Cultural Heritage Study Areas: Comprehensive studies of Aboriginal and or Torres Strait Islander cultural heritage in an area conducted under Part 6 of the Cultural Heritage Acts for the purpose of recording the findings of the study on the register.

Traditional Use of Marine Resources Agreement (TUMRA): Areas subject to agreement between Great Barrier Reef Traditional Owners and the Australian and Queensland governments on the management of traditional use activities on their sea country. For further information about TUMRAs visit <https://www.gbrmpa.gov.au/our-partners/traditional-owners/traditional-use-of-marine-resources-agreements>

World Heritage Areas: Places inscribed on the World Heritage List pursuant to the World Heritage Convention adopted by the United Nations Education, Scientific and Cultural Organisation (UNESCO) and are protected under the [Environment Protection and Biodiversity Conservation Act 1999](#). For further information about World Heritage places in Queensland visit <https://parks.des.qld.gov.au/management/managed-areas/world-heritage-areas>

Disclaimer: *The Department of Seniors, Disability Services and Aboriginal and Torres Strait Islander Partnerships is the custodian of spatial data and information provided by various third parties for inclusion in the Aboriginal and Torres Strait Islander cultural heritage online portal. This includes spatial data provided by the National Native Title Tribunal and Aboriginal and Torres Strait Islander parties. Department of Seniors, Disability Services and Aboriginal and Torres Strait Islander Partnerships is not responsible for the accuracy of information provided by third parties or any errors in this search report arising from such information.*



Appendix E – Cultural Heritage Risk Assessment

Cultural Heritage Risk Assessment

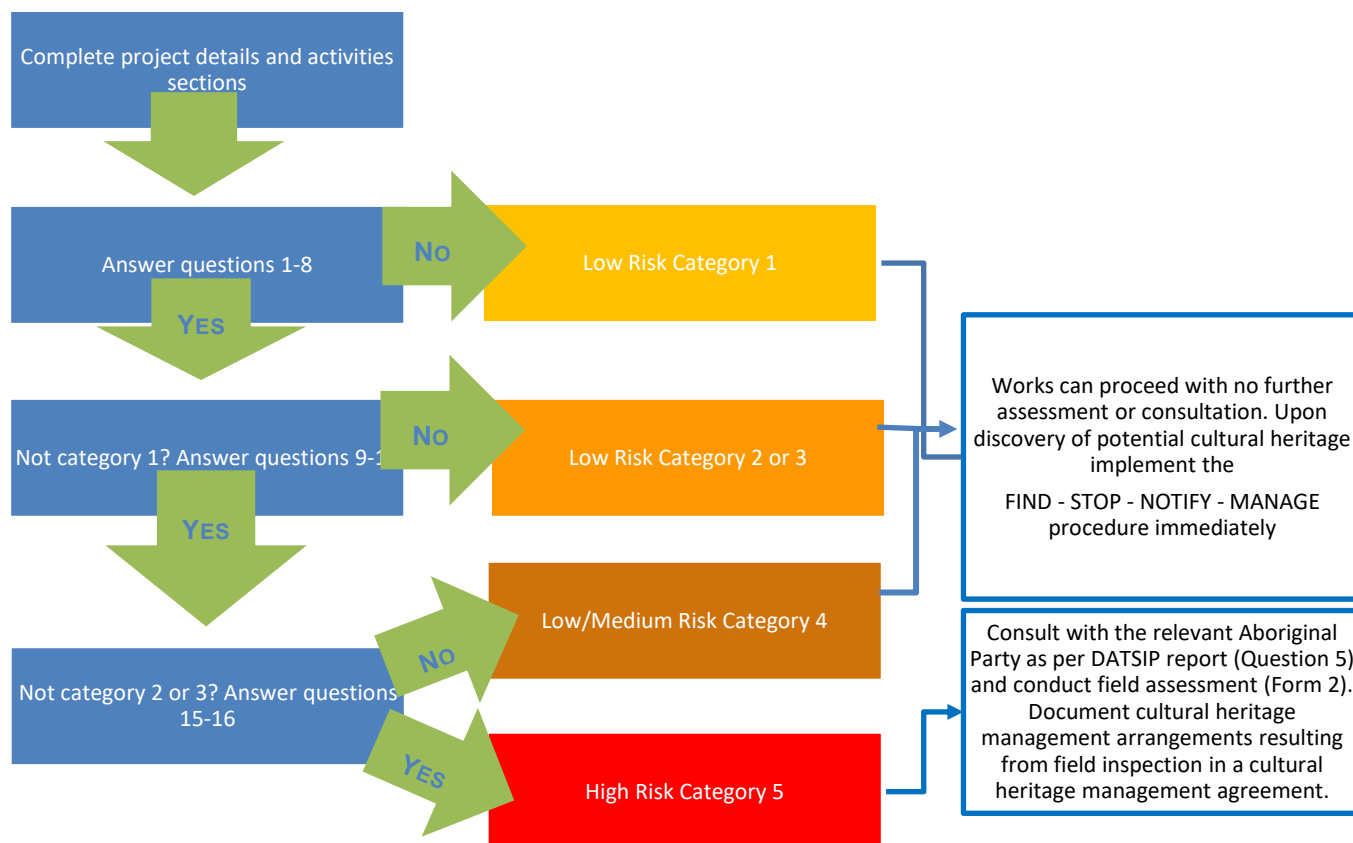
Department of Environment and Science

Introduction

This risk assessment process supports departmental staff to comply with the ['Aboriginal Cultural Heritage Act 2003 Duty of Care Guidelines 2004'](#).

Note: In this procedure 'cultural heritage' is used to describe both Aboriginal cultural heritage and Torres Strait Islander cultural heritage. 'First Nations peoples' refers to both Aboriginal peoples and Torres Strait Islander peoples.

Process Summary



Project details			
QPWS Region	North		
Project Name	Downer project - Musgrave Roadhouse Telstra small cell installation		
Project Description	Telecommunications small cell facility - 20m monopole, omni antenna and supporting equipment.		
Project Number	Downer project		
Project Manager	Downer - Irvan Ng -	Contact:	Irvan.Ng@Downergroup.com
Project Location	Musgrave Roadhouse, Peninsula Developmental Road, Yarraden QLD 4892 Lot 1 SP314593		
Local Government Area	Cook Shire Council	Capital Projects or SAMS ID No.	N/A

Project Activities			
Nature of Works:	<input type="checkbox"/> Maintenance	<input checked="" type="checkbox"/> New Construction	Other
Phase:	<input type="checkbox"/> Concept	X Planning	<input type="checkbox"/> Construction
Estimated start date for construction:	TBA		
Scope of Works: Note: Maps of proposed works/design drawing/project drawing(s) to be attached to this Risk Assessment.	Refer Downer, basic site overview attached		
Are there going to be ancillary works? If Yes, describe all ancillary works	Refer Downer for full scope of works		

SECTION 1 – CATEGORY 1 OF THE ABORIGINAL CULTURAL HERITAGE ACT 2003**DUTY OF CARE GUIDELINES 2004.**

This section establishes if the project works fall within Category 1 of the Aboriginal Cultural Heritage Act 2003 Duty of Care Guidelines. To accurately determine whether the works are a Category 1 – Activities involving no surface disturbance, it is necessary to have undertaken a thorough assessment of site conditions and determined what the scope of works is for the project.

<p style="text-align: center;"><i>Question 1:</i></p> <p>Are the project works proposed in an area that is covered by an Indigenous Management Agreement (IMA)?</p> <p>If works are to be undertaken within a section of a protected area that is covered by an IMA, refer to the management of cultural heritage section of the agreement for guidance on consultation requirements. For the purpose of risk assessment, the project is automatically treated as High Risk (Category 5).</p>	<input type="checkbox"/> Yes	X No
<p style="text-align: center;"><i>Question 2:</i></p> <p>Are there any other agreements with First Nations peoples over any part of the project area that detail how cultural heritage is to be managed (e.g. IPA, ILUA, MoU, TUMRA etc.)? If you are unsure of whether the area of interest is covered by an agreement, please contact Partnerships Branch for clarification DES.NT_CH.enquiries@des.qld.gov.au</p>	<input type="checkbox"/> Yes	X No (ILUA and TUMRA exist, but not specific to the project area)
<p style="text-align: center;"><i>Question 3:</i></p> <p>Are there any community factors or concerns in the area of the proposed works?</p> <p>For example, in situations where the works are receiving broader community interest are there known concerns held by First Nations Groups?</p>	<input type="checkbox"/> Yes	X No
<p style="text-align: center;"><i>Question 4:</i></p> <p>Are there any nearby landscape features, which may have cultural significance?</p> <p>Examples include:</p> <ul style="list-style-type: none"> • Rock outcrops • Caves • Foreshores and coastal dunes • Sand Hills • Areas of biogeographical significance, such as natural wetlands • Permanent and semi-permanent waterholes, natural springs. • Particular types of native vegetation • Some hill and mound formations 	X Yes (not in immediate vicinity)	<input type="checkbox"/> No
<p style="text-align: center;"><i>Question 5:</i></p> <p>Search of any known cultural heritage records that the region may have and a mandatory search of the DATSIP's Aboriginal and Torres Strait Islander Cultural Heritage Database and Register (Refer to the cultural heritage search request on the DATSIP internet page)</p>	<input checked="" type="checkbox"/> Yes	No

Did your regional records or DATSIP search identify any known cultural heritage places, items, areas or other records in or near the project works area?		
<p style="text-align: center;"><i>Question 6:</i></p> <p>Is it likely that any of the identified cultural heritage places, items, etc. will be impacted by the proposed project works?</p>	<input type="checkbox"/> Yes/maybe	X No
<p style="text-align: center;"><i>Question 7:</i></p> <p>Will ANY project works be undertaken OUTSIDE of the existing disturbance footprint of a QPWS asset?</p> <p>For example, Asset Foot Print means the area of existing asset which was subjected to earth works during construction. The footprint of an existing QPWS road is the area usually within 7 - 10m either side of the centre of the road. For a building it is the extent of previous site clearing works and for Camping Grounds or Day Use Areas it is the area that was cleared to create the recreation zone.</p>	<input type="checkbox"/> Yes	X No
<p style="text-align: center;"><i>Question 8:</i></p> <p>Will any clearing or disturbance of mature and/or remnant vegetation be required in any part of the project works area?</p> <p>Note: this does not include the removal of regrowth vegetation within areas that have previously been cleared.</p>	<input type="checkbox"/> Yes	X No

Category 1 Assessment

If you answered YES to any of the questions in Section 1 (Questions 1-8), then the proposed project works are not a Duty of Care Category 1 and you must continue to Section 2 below.

If you answered NO to ALL of the question in Section 1 (Questions 1-8), then the proposed project works are a Duty of Care Category 1 and are low risk - it is generally unlikely that the activity will harm cultural heritage and that the activity will comply with the Duty of Care guidelines.

In these circumstances it is reasonable and practicable for the works to proceed without further cultural heritage assessment or consultation with the First Nations people.

Note: Upon the discovery of a potential Cultural Heritage Find during Category 1 works, a stop work direction shall be initiated and the actions outlined in the QPWS Procedural Guide Find – Stop – Notify – Manage must be followed immediately. Complete the following actions:

Actions to complete:

- All documentation must be filed in Project or Job folders. Originals of any legal documents or Agreements must also be filed with the corporate filing system (eDOCS).
- Go to Sign-off (Section 5).

SECTION 2 – CATEGORY 2 – 3 OF THE DUTY OF CARE GUIDELINES

Note: only complete this section if you answered Yes to any of Questions 1-8

This section is to establish if the project works fall within Category 2 or 3 of the Duty of Care Guidelines. To accurately determine whether the works are a Category 2 or 3 it is necessary to have undertaken a thorough assessment of site conditions and have determined the scope of works.

Category 2 Risk Factors

Category 2 activities are those that cause 'no ADDITIONAL surface disturbance'. Where an activity causes No additional disturbance of an area it is generally unlikely that the activity will harm cultural heritage or cause additional harm to cultural heritage to that which has already occurred. 'No additional disturbance' means surface disturbance not inconsistent with previous surface disturbance (Duty of Care Guidelines 2003, Pages 6-7).

'Surface Disturbance' means any disturbance of an area which causes a lasting impact to the land or waters during the activity or after the activity has ceased. (Duty of Care Guidelines, Page 5).

<i>Question 9:</i>	<input type="checkbox"/>	X
Does the proposed project involve works that will cause any ground disturbance to areas that have not previously been disturbed?	Yes	No
<ul style="list-style-type: none"> • Will any grading or other earthworks be required on ground surfaces which have not been previously disturbed? • Will it be necessary to create new access tracks, or widen existing trail / road corridors to create passing bays or turn around points? 		
<i>Question 10:</i>	<input type="checkbox"/>	X
Will any of the project works impact on vegetation that has not previously been disturbed?	Yes	No
<ul style="list-style-type: none"> • Will any areas of vegetation which have NOT been previously cleared (i.e. old growth, remnant vegetation or vegetation that is known to be culturally significant), require removal? • Will the scale and scope of the clearing be greater than has been previously undertaken – for example using a tracked machine (bulldozer) where only a rubber tyred machine (tractor or backhoe) was used in the past? 		

Category 3 Risk Factors

Category 3 activities are those which will occur in a 'Developed Area'. Where an activity is proposed in a developed area it is generally unlikely that the activity will harm cultural heritage and the activity will comply with the Duty of Care Guidelines.

'Developed Area' means that the area is developed or maintained for a particular purpose such as use in a park, garden, railway, road or other access route, navigation channel, municipal facility or infrastructure facility, such as powerlines, telecommunication lines or electricity infrastructure (Duty of Care Guidelines, Pages 6 & 8).

<i>Question 11:</i>	<input type="checkbox"/>	X
Will any of the project works be conducted in areas that are not 'developed areas' that have been subject to previous disturbance?	Yes	No
Developed area means an area that is developed or maintained for a particular purpose such as a camping ground, day use area, road or fire trail, built QPWS infrastructure, telecommunication lines or electricity infrastructure.		

Additional Risk Checklist		
<p>Despite works being Category 2 and/or 3, there are other risk factors that still need to be considered. Some of QPWS's existing assets may still have a residual cultural heritage present, which may or may not be recorded.</p>		
<p style="text-align: center;"><i>Question 12:</i></p> <p>Are there any landscapes that have a higher likelihood of containing cultural features within or near the area that will be impacted upon by the proposed project works? For examples:</p> <ul style="list-style-type: none"> • Rocky outcrops and caves • Elevated plateaus or ridges with a good view of the surrounding country • Prominent hills and mound formations • Foreshores or coastal dunes • Sand hills • Water Sources (both seasonal & dry) • Wetlands • Permanent and semi-permanent waterholes • Creeks, Rivers, Billabongs, Lakes and Natural springs 	<input type="checkbox"/> Yes	X No (proposed works area is very discrete and previously disturbed developed site)
<p style="text-align: center;"><i>Question 13:</i></p> <p>Are any of the proposed project works in an area which has known cultural heritage places? For instance, places such as Carnarvon Gorge or the Bunya Mountains.</p>	<input type="checkbox"/> Yes	X No
<p style="text-align: center;"><i>Question 14:</i></p> <p>Are you aware of any places, features or objects in the proposed works area that might be of cultural heritage value but which have not been recorded in the past?</p> <p>e.g. Ceremonial places, scarred or carved trees, burial sites, rock art, fish traps and weirs, occupation sites, quarries and artefact scatters, grinding grooves, contact sites and wells. Note: an accurate answer requires a detailed site inspection.</p>	<input type="checkbox"/> Yes	X No

Category 2 or 3 Assessment

If you have answered YES to ANY of the questions in Section 2 (Questions 9-14), then the proposed project works are not Category 2 or 3 and you must continue to Section 3 below.

If you answered NO to ALL of the questions in Section 2 (Questions 9-14), then the proposed works are Category 2 or 3 and are low risk - it is generally unlikely that the activity will harm cultural heritage and the activity will comply with the Duty of Care Guidelines.

In these circumstances, it is reasonable and practicable for the activity to proceed without further Cultural Heritage Assessment or consultation with the Aboriginal Party/ies. Note: Upon the discovery of a potential Cultural Heritage Find during Category 2 or 3 works, a stop works direction shall be initiated and the actions outlined in the Find – Stop – Notify – Manage Work Instruction must be followed immediately.

Actions to complete:

All documentation must be filed in Project or Job folders. Originals of any legal documents or Agreements must be filed with the corporate filing system (eDOCS).

If you are aware of sites that do not appear in the DATSIP Database Search Results (Question 5), then ask the traditional owner representatives whether they are happy for the recorded sites to be added to the Database to

provide future awareness and protection of these sites.

Go to Sign-off (Section 5).

SECTION 3 – HIGH OR LOW RISK TEST

Note: only complete this section if you answered YES to any of questions 9-14

The purpose of this section is to establish whether the proposed project works are low risk or high risk.

Higher Risk Category 2-3 Activities are those that are within existing developed area, but pose a higher risk of harming cultural heritage because they occur:

- where there are known high cultural heritage likelihood bioregions/landscapes; or
- within the vicinity of commonly known cultural heritage places; or
- where cultural material is present within or in very close proximity to the asset.

Higher Risk Category 4 Activities are works in areas that have been subject to ‘Significant Ground Disturbance’ under the Duty of Care Guidelines, but are in areas where there may be residual cultural heritage:

- past ground disturbance has not been thorough or extensive across the entire works area;
- recorded cultural heritage site/s impact on an asset;
- works will traverse or be in the vicinity of landscapes which have a higher risk of residual cultural heritage still being present.

Category 5 Activities are those that do not fit under any other category outlined in this process or the Duty of Care Guidelines. Category 5 works are those that pose the highest risk of harming Cultural Heritage and these works should not proceed without further cultural heritage assessment and consultation with the appropriate First Nations people.

Category 4 or 5 Risk Factors

<p style="text-align: center;"><i>Question 15:</i></p> <p>Note: an accurate answer requires a detailed site inspection.</p> <p>Are you aware of any places, items, features or objects in the proposed works area that might be of cultural heritage value but which might not have been recorded in the past?</p> <p>e.g. Ceremonial places, scarred or carved trees, burial sites, rock art, fish traps and weirs, occupation sites, quarries and artefact scatters, grinding grooves, contact sites and wells.</p> <p>Are the works proposed in an area that has a high level of recorded cultural values e.g. Carnarvon Gorge or the Bunya Mountains.</p>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<p style="text-align: center;"><i>Question 16:</i></p> <p>Will any of the project works occur in an area that is NOT a previously disturbed area?</p> <p>For example: Areas previously subject to Significant Ground Disturbance (Category 4)</p> <p>‘Where an activity is proposed in an area, which has previously been subject to Significant Ground Disturbance it is generally unlikely that the activity will harm Aboriginal cultural heritage and the activity will comply with the guidelines’ (Duty of Care Guidelines, Page 8).</p> <p>‘Significant Ground Disturbance’ means:</p> <ul style="list-style-type: none"> • Disturbance by machinery of the topsoil or surface rock layer of the ground, such as by ploughing, drilling or dredging; • The removal of native vegetation by disturbing root systems and exposing underlying soil. 	<input type="checkbox"/> Yes	<input type="checkbox"/> No

Category 4 Assessment

If you answered NO to ALL of the questions in Section 3 (Questions 15-16) then the proposed works will fall under Category 4 and are low risk - it is generally unlikely that the activity will harm Aboriginal Cultural Heritage and the activity will comply with the Duty of Care Guidelines.

In these circumstances it is reasonable and practicable for the activity to proceed without further cultural heritage assessment or consultation with the First Nations people.

Note: Upon the discovery of a potential cultural heritage find during Category 4 works, a stop works direction must be initiated and the actions outlined in the Find – Stop – Notify – Manage Work Instruction must be followed immediately.

Complete the following actions: Proceed to implementation of proposed works in accordance with the Find – Stop – Notify – Manage Work Instruction.

Actions to complete:

- All documentation must be filed in Project or Job folders. Originals of any legal documents or Agreements must be filed with the corporate filing system (eDOCS).
- If you are aware of sites that do not appear in the DATSIP Search Results (Question 5), then ask the traditional owner representatives whether they are happy for the recorded sites to be added to the DATSIP database to provide future awareness and protection of these sites.
- Go to Sign-off (Section 5).

Category 5 Assessment

If you answered YES to ANY of the questions in Section 3 (Questions 15-16), then the proposed project works are a DoC Category 5 – these types of works present a HIGH RISK of harming cultural heritage and require additional management.

The proposed project site requires further cultural heritage assessment, consultation with the First Nations people and a recorded agreement in order to manage this risk and ensure the project works comply with relevant legislation.

Prior to proceeding it is recommended to read activities causing additional surface disturbance (Category 5): 5.13 – 5.16 of the Duty of care Guidelines.

Proceed to consult with the First Nations people and conduct a Cultural Heritage Field Assessment. Propose the development of a cultural heritage agreement or if at a significant scale a Cultural Heritage Management Plan (Refer to Part 7 of the Acts for guidance on developing a Cultural Heritage Management Plan).

- All documentation must be filed in Project or Job folders. Originals of any legal documents or Agreements must be filed with the corporate filing system (eDOCS).
- If you are aware of sites that do not appear in the DATSIP Database Search Results (Question 5), then ask the traditional owner representatives whether they are happy for the recorded sites to be added to the DATSIP database to provide future awareness and protection of these sites.
- Go to Sign-off (Section 5).

SECTION 4 - Table 1

(Remove information already populated it is intended as an example only)

<p>TABLE 1 – Complete this form for ALL Works. Describe landscape information for entire project/works (i.e. each section and associated disturbance areas).</p> <p>(Note: Category can change throughout works sections i.e. works near specific vegetation &/or features (e.g. watercourses etc.)</p> <p>This section requires an ACCURATE DESCRIPTION OF THE ‘ON GROUND’ SITE CONDITIONS.</p>					
QPWS Region	Central Region	Project Name: Downer project - off QPWS estate			
Location description:	Park Name	Past use/ ground disturbance description i.e. evidence of past mechanical disturbance	Description of vegetation and landscape features within the proposed works area	CH Category (Low risk or High Risk Duty of Care Guideline Category)	Description of proposed works and management recommendations.
<i>1PS810522 Telstra Lands Lease</i>	<i>Adjacent to Byfield NP</i>	<i>Telstra mobile phone tower</i>	<i>Developed (disturbed) site</i>	<i>Low Risk Category 3</i>	<i>Seek Darumbal advice on requirement for Cultural site assessment prior to works commencing</i>

SECTION 5 - Sign-off by person/s undertaking the Cultural Heritage Risk Assessment

Name : Liz Mansell	Name :
Position: Senior Town Planner, Downer	Position
Signature: LM	Signature:
Date: 18/08/2023	Date:

Note. This assessment of the project shall remain current for a period of 12 months. Commencement after that date will require revision to ensure its accuracy/currency.

Should any part of the project scope (location or activities) change, this assessment must be revised. The results of the revision will be documented.

Disclaimer

Unless informed otherwise the department is acting in good faith that all results and information provided to the department by relevant stakeholders and authorities is accurate and reliable information for the purposes of this risk assessment.

References

Aboriginal Cultural Heritage Act 2003

Torres Strait Islander Cultural Heritage Act 2003

Aboriginal Cultural Heritage Act 2003 - Duty of Care Guidelines (2004)

Department of Transport and Main Roads, Cultural Heritage Risk Assessment.



Appendix E – State Code 1: Development in a state-controlled road environment



State code 1: Development in a state-controlled road environment

Table 1.2.1: Development in a state-controlled road environment

Performance Criteria	Acceptable Solutions	Applicants Response
Buildings and structures		
PO1 The location of buildings, structures, infrastructure, services and utilities does not create a safety hazard in a state-controlled road, or cause damage to, or obstruct road transport infrastructure.	AO1.1 Buildings, structures, infrastructure, services and utilities are not located in a state-controlled road. And	Complies: The proposed monopole is located on a lot that adjoins the a State-controlled road. As illustrated on the proposed plans the facility will be entirely located on the subject site and will utilise the existing access track. The proposal is not considered to interfere with the safe operations of the state-controlled road.
	AO1.2 Buildings, structures, infrastructure, services and utilities can be maintained without requiring access to a state-controlled road.	Complies: The proposal will utilise the existing access. The site will generate minimal trips per year and is not considered to create a safety hazard to the state-controlled road.
PO2 The design and construction of buildings and structures does not create a safety hazard by distracting users of a state-controlled road.	AO2.1 Facades of buildings and structures facing a state-controlled road are made of non-reflective materials. OR	Complies: The proposal will not be seen from the road. Thus, it is considered that the proposal will have no safety impact on the road network.
	AO2.2 Facades of buildings and structures do not reflect point light sources into the face of oncoming traffic on a state-controlled road. AND	Complies: The proposal will not reflect light sources into the face of traffic.
	AO2.3 External lighting of buildings and structures is not directed into the face of oncoming traffic on a state-controlled road and does not involve flashing or laser lights. AND	Complies: The proposal will not reflect light sources into the face of traffic.
	AO2.4 Advertising devices visible from a state-controlled road are located and designed in accordance with the Roadside Advertising.	Complies: The proposal does not involve advertising devices.
PO3	AO3.1	Not Applicable: The proposal does not involve a road, pedestrian or bikeway bridge over a state-controlled road.



Performance Criteria	Acceptable Solutions	Applicants Response
Road, pedestrian and bikeway bridges over a state-controlled road are designed and constructed to prevent projectiles from being thrown onto a state-controlled road.	Road, pedestrian and bikeway bridges over a state-controlled road include throw protection screens in accordance with section 4.9.3 of the Design Criteria for Bridges and Other Structures Manual, Department of Transport and Main Roads, 2014.	
Filling, excavation and retaining structures		
<p>PO4 Filling and excavation does not interfere with, or result in damage to, infrastructure or services in a state-controlled road. Note: Information on the location of services and public utility plants in a state-controlled road can be obtained from the Dial Before You Dig service. Where development will impact on an existing or future service or public utility plant in a state-controlled road such that the service or public utility plant will need to be relocated, the alternative alignment must comply with the standards and design specifications of the relevant service or public utility provider, and any costs of relocation are to be borne by the developer.</p>	No acceptable outcome is prescribed.	<p>Complies: The proposal will utilise the existing access. Some minor earthworks will be required within the compound area to allow for the footings of the facility to be constructed, as indicated on the proposed plans. These minor works are will not damage infrastructure or services in a state-controlled road, particularly given the minor nature of the works and the separation distance from state-controlled road infrastructure.</p>
<p>PO5 Filling, excavation, building foundations and retaining structures do not undermine, or cause subsidence of, a state-controlled road. Note: To demonstrate compliance with this performance outcome, it is recommended an RPEQ certified geotechnical assessment, prepared in accordance with the Road Planning and Design Manual 2nd Edition: Volume 3, Department of Transport and Main Roads, 2016, is provided</p>	No acceptable outcome is prescribed.	<p>Complies: Any proposed filling and excavation will not impact on the state-controlled road.</p>
<p>PO6</p>	No acceptable outcome is prescribed.	<p>Complies: Any proposed filling and excavation will not impact on the state-controlled road.</p>



Performance Criteria	Acceptable Solutions	Applicants Response
<p>Filling, excavation, building foundations and retaining structures do not cause ground water disturbance in a state-controlled road. Note: To demonstrate compliance with this performance outcome, it is recommended an RPEQ certified geotechnical assessment, prepared in accordance with the Road Planning and Design manual 2nd Edition: Volume 3, Department of Transport and Main Roads, 2016, is provided.</p>		
<p>PO7 Excavation, boring, piling, blasting or fill compaction during construction of a development does not result in ground movement or vibration impacts that would cause damage or nuisance to a state-controlled road, road transport infrastructure or road works. Note: To demonstrate compliance with this performance outcome, it is recommended an RPEQ certified geotechnical assessment, prepared in accordance with Road Planning and Design Manual 2nd Edition: Volume 3, Department of Transport and Main Roads, 2016, is provided.</p>	<p>No acceptable outcome is prescribed</p>	<p>Complies: Any proposed filling and excavation will not impact on the state-controlled road.</p>
<p>PO8 Development involving the haulage of fill, extracted material or excavated spoil material exceeding 10,000 tonnes per year does not damage the pavement of a statecontrolled road. Note: It is recommended a pavement impact assessment is provided. Further information will be provided in the forthcoming document Guide to Traffic Impact</p>	<p>A08.1 Fill, extracted material and spoil material is not transported to or from the development site on a state-controlled road.</p>	<p>Not Applicable: The proposal does not require fill material exceeding 10,000 tonnes per year.</p>



Performance Criteria	Acceptable Solutions	Applicants Response
Assessment, Department of Transport and Main Roads, 2017		
PO9 Filling and excavation associated with the construction of vehicular access to a development does not compromise the operation or capacity of existing drainage infrastructure for a state-controlled road.	No acceptable outcome is prescribed.	Not Applicable: The proposal will utilise the existing access. Earthworks will be limited to minor foundation work for the compound as outlined in the proposed plans. As such, associated filling / excavation will not compromise the operation or capacity of drainage on a state-controlled road.
PO10 Fill material used on a development site does not result in contamination of a state-controlled road.	AO10.1 Fill material is free of contaminants including acid sulfate content. Note: Soils and rocks should be tested in accordance with AS 1289.0 – Methods of testing soils for engineering purposes and AS 4133.0-2005 – Methods of testing rocks for engineering purposes. AND	Complies: Any fill requirements will comply with the acceptable outcome. Any requirements can be conditioned in accordance with the acceptable outcome.
	AO10.2 Compaction of fill is carried out in accordance with the requirements of AS 1289.0 2000 – Methods of testing soils for engineering purposes.	Complies: Any fill requirements will comply with the acceptable outcome. Any requirements can be conditioned in accordance with the acceptable outcome.
PO11 Filling and excavation does not cause wind-blown dust nuisance in a state-controlled road.	AO11.1 Compaction of fill is carried out in accordance with the requirements of AS 1289.0 2000 – Methods of testing soils for engineering purposes. AND	Complies: Any fill requirements will comply with the acceptable outcome. Any requirements can be conditioned in accordance with the acceptable outcome.
	AO11.2 Dust suppression measures are used during filling and excavation activities such as wind breaks or barriers and dampening of ground surfaces.	Complies: Any fill requirements will comply with the acceptable outcome. Any requirements can be conditioned in accordance with the acceptable outcome.
Stormwater and drainage		
PO12 Development does not result in an actionable nuisance, or worsening of, stormwater, flooding or drainage impacts in a state-controlled road.	No acceptable outcome is prescribed.	Not Applicable: All services required for the ongoing operation of the facility are capable of being provided to the facility without impacting on the supply or reliability of these services to any existing consumers in the locality. The proposed development includes only minimal hardstand surfaces and will not result in the surcharge of stormwater to the state-controlled road No stormwater, sewerage or waste management facilities are required.



Performance Criteria	Acceptable Solutions	Applicants Response
PO13 Run-off from the development site is not unlawfully discharged to a state-controlled road.	AO13.1 Development does not create any new points of discharge to a state-controlled road. AND	As above.
	AO13.2 Stormwater run-off is discharged to a lawful point of discharge. Note: Section 3.4 of the Queensland Urban Drainage Manual, Department of Energy and Water Supply, 2013, provides further information on lawful points of discharge. AND	As above.
	AO13.3 Development does not worsen the condition of an existing lawful point of discharge to the state-controlled road	As above.
PO14 Run-off from the development site during construction does not cause siltation of stormwater infrastructure affecting a state-controlled road.	AO14.1 Run-off from the development site during construction is not discharged to stormwater infrastructure for a state-controlled road.	As above.
Vehicle access to a state-controlled road		
PO15 Vehicular access to a state-controlled road that is a limited access road is consistent with government policy for the management of limited access roads.	AO15.1 Development does not require new or changed access to a limited access road. Note: Limited access roads are declared by the transport chief executive under section 54 of the Transport Infrastructure Act 1994 and are identified in the DA mapping system. OR	Not Applicable: The proposal will utilise the existing access, which is not identified as a limited access road.
	AO15.2 A new or changed access to a limited access road is consistent with the limited access policy for the state-controlled road. Note: Limited access policies for limited access roads declared under the Transport Infrastructure Act 1994 can be obtained by contacting the relevant Department of Transport and Main Roads regional office. AND	As above.
	AO15.3	Not Applicable: The proposal does not include a service centre. As such, this element of criteria is not applicable.



Performance Criteria	Acceptable Solutions	Applicants Response
	<p>Where a new or changed access is for a service centre, access is consistent with the Service centre policy, Department of Transport and Main Roads, 2013 and the Access policy for roadside service centre facilities on limited access roads, Department of Transport and Main Roads, 2013, and the Service centre strategy for the state-controlled road. Note: The Service centre policy, Department of Transport and Main Roads, 2013, Access policy for roadside service centre facilities, Department of Transport and Main Roads, 2013 and the relevant Service centre strategy for a state-controlled road can be accessed by contacting the relevant Department of Transport and Main Roads regional office</p>	
<p>PO16 The location and design of vehicular access to a statecontrolled road (including access to a limited access road) does not create a safety hazard for users of a statecontrolled road or result in a worsening of operating conditions on a state-controlled road. Note: Where a new or changed access between the premises and a state-controlled road is proposed, the Department of Transport and Main Roads will need to assess the proposal to determine if the vehicular access for the development is safe. An assessment can be made by Department of Transport and Main Roads as part of the development assessment process and a decision under section 62 of Transport Infrastructure Act 1994 issued where sufficient information is provided.</p>	<p>AO16.1 Vehicular access is provided from a local government road.</p> <p>OR all of the following acceptable outcomes apply:</p> <p>AO16.2 Vehicular access for the development is consistent with the function and design of the state-controlled road. AND</p> <p>AO16.3 Development does not require new or changed access between the premises and the state-controlled road. Note: A decision under section 62 of the Transport Infrastructure Act 1994 outlines the approved conditions for use of an existing vehicular access to a state-controlled road. Current section 62 decisions can be obtained from the relevant Department of Transport and Main Roads regional office. AND</p>	<p>Complies: Access will be taken from the existing access track, which is the only access to the site. Access from a local government Road cannot be provided in this instance.</p> <p>As above.</p> <p>Complies: Access will be taken from the existing access track which is the only access to the site. Access from a local government Road cannot be provided in this instance.</p>



Performance Criteria	Acceptable Solutions	Applicants Response
	<p>AO16.4 Use of any existing vehicular access to the development is consistent with a decision under section 62 of the Transport Infrastructure Act 1994. Note: The development which is the subject of the application must be of an equivalent use and intensity for which the section 62 approval was issued and the section 62 approval must have been granted no more than 5 years prior to the lodgement of the application. AND</p>	<p>Complies: Access will be taken from the existing access track which is the only access to the site. Access from a local government Road cannot be provided in this instance.</p>
	<p>AO16.5 On-site vehicle circulation is designed to give priority to entering vehicles at all times so vehicles do not queue in a road intersection or on the state-controlled road.</p>	<p>Complies: The proposal will not result in vehicles queuing in a road intersection or a state-controlled road.</p>
<p>PO17 Vehicular access to a state-controlled road or local government road (and associated road access works) are located and designed to not damage or interfere with public passenger transport infrastructure, public passenger services or pedestrian or cycle access to public passenger transport infrastructure and public passenger services.</p>	<p>AO17.1 Vehicular access and associated road access works are not located within 5 metres of existing public passenger transport infrastructure. AND</p>	<p>Complies: The proposed access will be taken from the existing access track, which is not identified as being within 5 metres of existing public passenger.</p>
	<p>AO17.2 The location and design of vehicular access for a development does not necessitate the relocation of existing public passenger transport infrastructure. AND</p>	<p>Complies: The proposed vehicular access does not require the location of public passenger transport infrastructure.</p>
	<p>AO17.3 On-site vehicle circulation is designed to give priority to entering vehicles at all times so vehicles using a vehicular access do not obstruct public passenger transport infrastructure and public passenger services or obstruct pedestrian or cycle access to public passenger transport infrastructure and public passenger services. AND</p>	<p>Complies: The proposed access will be taken from the existing access, which is not identified as being within 5 metres of existing public passenger. No impact or obstruction to public passenger services is anticipated.</p>
	<p>AO17.4 The normal operation of public passenger transport infrastructure or public passenger</p>	<p>Complies: The proposed access will be from the existing access track which is not identified as a public passenger service. No impact or obstruction to public passenger services is anticipated.</p>



Performance Criteria	Acceptable Solutions	Applicants Response
	services is not interrupted during construction of the development.	
Vehicle access to local roads within 100m of an intersection with a state-controlled road		
PO18 The location and design of vehicular access to a local road within 100 metres of an intersection with a state-controlled road does not create a safety hazard for users of a state-controlled road.	AO18.1 Vehicular access is located as far as possible from the state-controlled road intersection. AND	Not Applicable
	AO18.2 Vehicular access is in accordance with parts, 3, 4 and 4A of the Road Planning and Design Manual, 2nd Edition: Volume 3, Department of Transport and Main Roads, 2016. AND	Not Applicable
	AO18.3 On-site vehicle circulation is designed to give priority to entering vehicles at all times so vehicles do not queue in the intersection or on the state-controlled road.	Not Applicable
Planned upgrades		
PO19 Development does not impede delivery of planned upgrades of state-controlled roads.	AO19.1 Development is not located on land identified by the Department of Transport and Main Roads as land required for the planned upgrade of a state-controlled road. Note: Land required for the planned upgrade of a state-controlled road is identified in the DA mapping system. OR	Not Applicable: The subject site is not identified as land required for upgrade.
	AO19.2 Development is sited and designed so that permanent buildings, structures, infrastructure, services or utilities are not located on land identified by the Department of Transport and Main Roads as land required for the planned upgrade of a state-controlled road.	Not Applicable: The subject site is not identified as land required for upgrade.
	AO19.3 Structures and infrastructure located on land identified by the Department of Transport and Main Roads as land required for the planned upgrade of a state-controlled road are able to be	Not Applicable: The subject site is not identified as land required for upgrade.



Performance Criteria	Acceptable Solutions	Applicants Response
	readily relocated or removed without materially affecting the viability or functionality of the development. AND	
	AO19.4 Vehicular access for the development is consistent with the function and design of the planned upgrade of the state-controlled road. AND	Not Applicable: The subject site is not identified as land required for upgrade.
	AO19.5 Development does not involve filling and excavation of, or material changes to, land required for a planned upgrade to a state-controlled road. AND	Not Applicable: The subject site is not identified as land required for upgrade.
	AO19.6 Land is able to be reinstated to the pre-development condition at the completion of the use	Not Applicable: The subject site is not identified as land required for upgrade.
Network impacts		
PO20 Development does not result in a worsening of operating conditions on the state-controlled road network. Note: To demonstrate compliance with this performance outcome, it is recommended that an RPEQ certified traffic impact assessment is provided. Further information will be provided in the forthcoming document Guide to Traffic Impact Assessment, Department of Transport and Main Roads, 2017.	No acceptable outcome is prescribed.	Complies: The proposed telecommunications facility will be accessed from the existing access track. The site will generate minimal trips per year and is not considered to create a worsening of operating conditions to the state-controlled road.
PO21 Development does not impose traffic loadings on a state-controlled road which could be accommodated on the local road network.	AO21.1 The layout and design of the development directs traffic generated by the development to the local road network.	Performance Outcome: The proposal will be accessed from the existing access track off. The site will generate minimal trips per year and is not considered to create a worsening of operating conditions to the state-controlled road.
PO22	AO22.1	Not Applicable: The proposal does not require upgrade works.



Performance Criteria	Acceptable Solutions	Applicants Response
Upgrade works on, or associated with, a state controlled road are built in accordance with Queensland road design standards.	Upgrade works required as a result of the development are designed and constructed in accordance with the Road Planning and Design Manual, 2nd edition, Department of Transport and Main Roads, 2016. Note: Road works in a state-controlled road require approval under section 33 of the Transport Infrastructure Act 1994 before the works commence	

Table 1.2.2: Environmental Emissions

Performance Criteria	Acceptable Solutions	Applicants Response
Noise		
Accommodation activities		
PO23 Development involving an accommodation activity or land for a future accommodation activity minimises noise intrusion from a state-controlled road or type 1 multimodal corridor in habitable rooms.	AO23.1 A noise barrier or earth mound is provided which is designed, sited and constructed: 1. to meet the following external noise criteria at all facades of the building envelope: a. ≤60 dB(A) L10 (18 hour) façade corrected (measured L90 (8 hour) free field between 10pm and 6am ≤40 dB(A)) b. ≤63 dB(A) L10 (18 hour) façade corrected (measured L90 (8 hour) free field between 10pm and 6am >40 dB(A)) 2. in accordance with chapter 7 integrated noise barrier design of the Transport Noise Management Code of Practice: Volume 1 (Road Traffic Noise), Department of Transport and Main Roads, 2013. Note: To demonstrate compliance with the acceptable outcome, it is recommended that a RPEQ certified noise assessment report is provided, prepared in accordance	Not Applicable: The proposal does not involve accommodation activities. Thus, this element of criteria is not applicable.



Performance Criteria	Acceptable Solutions	Applicants Response
	<p>with the State Development Assessment Provisions Supporting Information – Community Amenity (Noise), Department of Transport and Main Roads, 2013. If the building envelope is unknown, the deemed-to-comply setback distances for buildings stipulated by the local planning instrument or relevant building regulations should be used. In some instances, the design of noise barriers and mounds to achieve the noise criteria above the ground floor may not be reasonable or practicable. In these instances, any relaxation of the criteria is at the discretion of the Department of Transport and Main Roads.</p>	
	<p>OR all of the following acceptable outcomes apply:</p> <p>AO23.2 Buildings which include a habitable room are setback the maximum distance possible from a statecontrolled road or type 1 multi-modal corridor. AND</p>	<p>Not Applicable: The proposal does not involve accommodation activities. Thus, this element of criteria is not applicable.</p>
	<p>AO23.3 Buildings are designed and oriented so that habitable rooms are located furthest from a statecontrolled road or type 1 multi-modal corridor. AND</p>	<p>Not Applicable: The proposal does not involve accommodation activities. Thus, this element of criteria is not applicable.</p>
	<p>AO23.4 Buildings (other than a relevant residential building or relocated building) are designed and constructed using materials which ensure that habitable rooms meet the following internal noise criteria: 1. ≤35 dB(A) Leq (1 hour) (maximum hour over 24 hours). Statutory note: Noise levels from a</p>	<p>Not Applicable: The proposal does not involve accommodation activities. Thus, this element of criteria is not applicable.</p>



Performance Criteria	Acceptable Solutions	Applicants Response
	<p>state-controlled road or type 1 multi-modal corridor are to be measured in accordance with AS1055.1–1997 Acoustics – Description and measurement of environmental noise. Note: To demonstrate compliance with the acceptable outcome, it is recommended that a RPEQ certified noise assessment report is provided, prepared in accordance with the State Development Assessment Provisions Supporting Information – Community Amenity (Noise), Department of Transport and Main Roads, 2013. Habitable rooms of relevant residential buildings located within a transport noise corridor must comply with the Queensland Development Code MP4.4 Buildings in a transport noise corridor, Queensland Government, 2015. Transport noise corridors are mapped on the State Planning Policy interactive mapping system</p>	
<p>PO24 Development involving an accommodation activity or land for a future accommodation activity minimises noise intrusion from a state-controlled road or type 1 multimodal corridor in outdoor spaces for passive recreation.</p>	<p>AO24.1 A noise barrier or earth mound is provided which is designed, sited and constructed: 1. to meet the following external noise criteria in outdoor spaces for passive recreation: a. ≤57 dB(A) L10 (18 hour) free field (measured L90 (18 hour) free field between 6am and 12 midnight ≤45 dB(A)) b. ≤60 dB(A) L10 (18 hour) free field (measured L90 (18 hour) free field between 6am and 12 midnight >45 dB(A)) 2. in accordance with chapter 7 integrated noise barrier design of the Transport Noise Management Code of Practice – Volume 1 Road Traffic Noise, Department of</p>	<p>Not Applicable: The proposal does not involve accommodation activities. Thus, this element of criteria is not applicable.</p>



Performance Criteria	Acceptable Solutions	Applicants Response
	<p>Transport and Main Roads, 2013. Note: To demonstrate compliance with the acceptable outcome, it is recommended that a RPEQ certified noise assessment report is provided, prepared in accordance with the State Development Assessment Provisions Supporting Information – Community Amenity (Noise), Department of Transport and Main Roads, 2013. OR</p>	
	<p>AO24.2 Each dwelling has access to an outdoor space for passive recreation which is shielded from a statecontrolled road or type 1 multi-modal corridor by a building, solid gap-free fence, or other solid gap-free structure. AND</p>	<p>Not Applicable: The proposal does not involve accommodation activities. Thus, this element of criteria is not applicable.</p>
	<p>AO24.3 Each dwelling with a balcony directly exposed to noise from a state-controlled road or type 1 multi-modal corridor has a continuous solid gap-free balustrade (other than gaps required for drainage purposes to comply with the Building Code of Australia).</p>	<p>Not Applicable: The proposal does not involve accommodation activities. Thus, this element of criteria is not applicable.</p>
<p>Childcare centres and educational establishments</p>		
<p>PO25 Development involving a: 1. childcare centre; or 2. educational establishment minimises noise intrusion from a state-controlled road or type 1 multi-modal corridor in indoor education areas and indoor play areas.</p>	<p>AO25.1 A noise barrier or earth mound is provided which is designed, sited and constructed: 1. to meet the following external noise criteria at all facades of the building envelope: a. ≤58 dB(A) L10 (1 hour) façade corrected (maximum hour during normal opening hours) 2. in accordance with chapter 7 – Integrated noise barrier design of the Transport Noise Management Code of Practice: Volume 1 (Road Traffic Noise),</p>	<p>Not Applicable: The proposal does not involve childcare centres or educational establishments. Thus, this element of criteria is not applicable.</p>



Performance Criteria	Acceptable Solutions	Applicants Response
	<p>Department of Transport and Main Roads, 2013. Note: To demonstrate compliance with the acceptable outcome, it is recommended that a RPEQ certified noise assessment report is provided, prepared in accordance with the State Development Assessment Provisions Supporting Information – Community Amenity (Noise), Department of Transport and Main Roads, 2013. If the building envelope is unknown, the deemed-to-comply setback distances for buildings stipulated by the local planning instrument or relevant building regulations should be used.</p>	
	<p>OR all of the following acceptable outcomes apply:</p> <p>AO25.2 Buildings which include indoor education areas and indoor play areas are setback the maximum distance possible from a state-controlled road or type 1 multimodal corridor. AND</p>	<p>Not Applicable: The proposal does not involve childcare centres or educational establishments. Thus, this element of criteria is not applicable.</p>
	<p>AO25.3 Buildings are designed and oriented so that indoor education areas and indoor play areas are located furthest from the state-controlled road or type 1 multi-modal corridor. AND</p>	<p>Not Applicable: The proposal does not involve childcare centres or educational establishments. Thus, this element of criteria is not applicable.</p>
	<p>AO25.4 Buildings are designed and constructed using materials which ensure indoor education areas and indoor play areas meet the following internal noise criteria: 1. ≤35 dB(A) Leq (1 hour) (maximum hour during opening hours). Statutory note:</p>	<p>Not Applicable: The proposal does not involve childcare centres or educational establishments. Thus, this element of criteria is not applicable.</p>



Performance Criteria	Acceptable Solutions	Applicants Response
	<p>Noise levels from a state-controlled road or type 1 multi-modal corridor are to be measured in accordance with AS1055.1–1997 Acoustics – Description and measurement of environmental noise.</p> <p>Note: To demonstrate compliance with the acceptable outcome, it is recommended that a RPEQ certified noise assessment report, prepared in accordance with the State Development Assessment Provisions Supporting Information – Community Amenity (Noise), Department of Transport and Main Roads, 2013, is provided.</p>	
<p>PO26 Development involving a: 1. childcare centre; or 2. educational establishment minimises noise intrusion from a state-controlled road or type 1 multi-modal corridor in outdoor education areas and outdoor play areas.</p>	<p>AO26.1 A noise barrier or earth mound is provided which is designed, sited and constructed: 1. to meet the following external noise criteria in each outdoor education area or outdoor play area: a. ≤63 dB(A) L10 (12 hour) free field (between 6am and 6pm) 2. in accordance with chapter 7 – Integrated noise barrier design of the Transport Noise Management Code of Practice: Volume 1 (Road Traffic Noise), Department of Transport and Main Roads, 2013. Note: To demonstrate compliance with the acceptable outcome, it is recommended that a RPEQ certified noise assessment report is provided, prepared in accordance with the State Development Assessment Provisions Supporting Information – Community Amenity (Noise), Department of Transport and Main Roads, 2013. OR</p>	<p>Not Applicable: The proposal does not involve childcare centres or educational establishments. Thus, this element of criteria is not applicable.</p>



Performance Criteria	Acceptable Solutions	Applicants Response
	<p>AO26.2 Each outdoor education area and outdoor play area is shielded from noise generated from a statecontrolled road or type 1 multi-modal corridor by a building, solid gap-free fence, or other solid gap-free structure.</p>	<p>Not Applicable: The proposal does not involve childcare centres or educational establishments. Thus, this element of criteria is not applicable.</p>
Hospitals		
<p>PO27 Development involving a hospital minimises noise intrusion from a state-controlled road or type 1 multimodal corridor in patient care areas.</p>	<p>AO27.1 Hospitals are designed and constructed using materials which ensure patient care areas meet the following internal noise criteria: 1. ≤35 dB(A) Leq (1 hour) (maximum hour during opening hours). Statutory note: Noise levels from a state-controlled road or type 1 multi-modal corridor are to be measured in accordance with AS1055.1–1997 Acoustics – Description and measurement of environmental noise. Note: To demonstrate compliance with the acceptable outcome, it is recommended that a RPEQ certified noise assessment report is provided, prepared in accordance with the State Development Assessment Provisions Supporting Information – Community Amenity (Noise), Department of Transport and Main Roads, 2013.</p>	<p>Not Applicable: The proposal does not involve a hospital. Thus, this element of criteria is not applicable.</p>
Vibration		
Hospitals		
<p>PO28 Development involving a hospital minimises vibration impacts from vehicles using a state-controlled road or type 1 multi-modal corridor in patient care areas.</p>	<p>AO28.1 Hospitals are designed and constructed to ensure vibration in the treatment area of a patient care area does not exceed a vibration dose value of 0.1m/s1.75. AND</p>	<p>Not Applicable: The proposal does not involve a hospital. Thus, this element of criteria is not applicable.</p>



Performance Criteria	Acceptable Solutions	Applicants Response
	<p>AO28.2 Hospitals are designed and constructed to ensure vibration in the ward area of a patient care area does not exceed a vibration dose value of 0.4m/s^{1.75}. Note: To demonstrate compliance with the acceptable outcome, it is recommended that a RPEQ certified vibration assessment report is provided.</p>	<p>Not Applicable: The proposal does not involve a hospital. Thus, this element of criteria is not applicable.</p>
Air and Light		
<p>PO29 Development involving an accommodation activity minimises air quality impacts from a state-controlled road or type 1 multi-modal corridor in outdoor spaces for passive recreation.</p>	<p>AO29.1 Each dwelling has access to an outdoor space for passive recreation which is shielded from a state controlled road or type 1 multi-modal corridor by a building, solid gap-free fence, or other solid gap-free structure.</p>	<p>Not Applicable: The proposal does not involve a dwelling. Thus, this element of criteria is not applicable.</p>
<p>PO30 Development involving a: 1. childcare centre; or 2. educational establishment minimises air quality impacts from a state-controlled road or type 1 multi-modal corridor in outdoor education areas and outdoor play areas</p>	<p>AO30.1 Each outdoor education area and outdoor play area is shielded from a state-controlled road or type 1 multi-modal corridor by a building, solid gap-free fence, or other solid gap-free structure.</p>	<p>Not Applicable: The proposal does not include an outdoor education area or play area. Thus, this element of criteria is not applicable.</p>
<p>PO31 Development involving an accommodation activity or hospital minimises lighting impacts from a state-controlled road or type 1 multi-modal corridor.</p>	<p>AO31.1 Buildings for an accommodation activity or hospital are designed to minimise the number of windows or transparent/translucent panels facing a state-controlled road or type 1 multi-modal corridor. OR</p>	<p>Not Applicable: The proposal does not involve an accommodation activity. Thus, this element of criteria is not applicable.</p>
	<p>AO31.2 Windows facing a state-controlled road or type 1 multi-modal corridor include treatments to block light from a state-controlled road or type 1 multi-modal corridor.</p>	<p>Not Applicable: The proposal does not involve a use that includes windows.</p>

DA Form 1 – Development application details

Approved form (version 1.3 effective 28 September 2020) 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) <i>(individual or company full name)</i>	Telstra Corporation Ltd C/- Downer EDI Engineering Pty Limited
Contact name <i>(only applicable for companies)</i>	Liz Mansell
Postal address <i>(P.O. Box or street address)</i>	Level 11, 135 Coronation Drive
Suburb	Milton
State	QLD
Postcode	4064
Country	Australia
Contact number	0418 698 701
Email address <i>(non-mandatory)</i>	Liz.Mansell@downergroup.com
Mobile number <i>(non-mandatory)</i>	
Fax number <i>(non-mandatory)</i>	
Applicant's reference number(s) <i>(if applicable)</i>	

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)

PART 2 – LOCATION DETAILS

3) Location of the premises (complete 3.1) or 3.2), and 3.3) as applicable)

Note: Provide details below and attach a site plan for any or all premises part of the development application. For further information, see DA Forms Guide: Relevant plans.

3.1) Street address and lot on plan

- Street address **AND** lot on plan (all lots must be listed), **or**
 Street address **AND** lot on plan for an adjoining or adjacent property of the premises (appropriate for development in water but adjoining or adjacent to land e.g. jetty, pontoon. All lots must be listed).

a)	Unit No.	Street No.	Street Name and Type	Suburb
			Peninsula Developmental Road	Yarraden
	Postcode	Lot No.	Plan Type and Number (e.g. RP, SP)	Local Government Area(s)
	4892	1	SP314593	Cook Shire Council
b)	Unit No.	Street No.	Street Name and Type	Suburb
	Postcode	Lot No.	Plan Type and Number (e.g. RP, SP)	Local Government Area(s)

3.2) Coordinates of premises (appropriate for development in remote areas, over part of a lot or in water not adjoining or adjacent to land e.g. channel dredging in Moreton Bay)

Note: Place each set of coordinates in a separate row.

Coordinates of premises by longitude and latitude

Longitude(s)	Latitude(s)	Datum	Local Government Area(s) (if applicable)
		<input type="checkbox"/> WGS84 <input type="checkbox"/> GDA94 <input type="checkbox"/> Other: <input type="text"/>	

Coordinates of premises by easting and northing

Easting(s)	Northing(s)	Zone Ref.	Datum	Local Government Area(s) (if applicable)
		<input type="checkbox"/> 54 <input type="checkbox"/> 55 <input type="checkbox"/> 56	<input type="checkbox"/> WGS84 <input type="checkbox"/> GDA94 <input type="checkbox"/> Other: <input type="text"/>	

3.3) Additional premises

- Additional premises are relevant to this development application and the details of these premises have been attached in a schedule to this development application
 Not required

4) Identify any of the following that apply to the premises and provide any relevant details

In or adjacent to a water body or watercourse or in or above an aquifer
 Name of water body, watercourse or aquifer:

On strategic port land under the *Transport Infrastructure Act 1994*
 Lot on plan description of strategic port land:
 Name of port authority for the lot:

In a tidal area
 Name of local government for the tidal area (if applicable):
 Name of port authority for tidal area (if applicable):

On airport land under the *Airport Assets (Restructuring and Disposal) Act 2008*
 Name of airport:

<input type="checkbox"/> Listed on the Environmental Management Register (EMR) under the <i>Environmental Protection Act 1994</i>
EMR site identification: <input type="text"/>
<input type="checkbox"/> Listed on the Contaminated Land Register (CLR) under the <i>Environmental Protection Act 1994</i>
CLR site identification: <input type="text"/>

5) Are there any existing easements over the premises?
Note: Easement uses vary throughout Queensland and are to be identified correctly and accurately. For further information on easements and how they may affect the proposed development, see [DA Forms Guide](#).

Yes – All easement locations, types and dimensions are included in plans submitted with this development application

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)*

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):*

Telecommunication facility

e) Relevant plans
Note: Relevant plans are required to be submitted for all aspects of this development application. For further information, see [DA Forms guide: Relevant plans](#).

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 [DA Forms Guide: Relevant plans](#).

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

Not required

Section 2 – Further development details

7) Does the proposed development application involve any of the following?	
Material change of use	<input checked="" type="checkbox"/> Yes – complete division 1 if assessable against a local planning instrument
Reconfiguring a lot	<input type="checkbox"/> Yes – complete division 2
Operational work	<input type="checkbox"/> Yes – complete division 3
Building work	<input type="checkbox"/> Yes – complete <i>DA Form 2 – Building work details</i>

Division 1 – Material change of use

Note: This division is only required to be completed if any part of the development application involves a material change of use assessable against a local planning instrument.

8.1) Describe the proposed material change of use			
Provide a general description of the proposed use	Provide the planning scheme definition <i>(include each definition in a new row)</i>	Number of dwelling units <i>(if applicable)</i>	Gross floor area (m ²) <i>(if applicable)</i>
Telecommunication facility	Telecommunication facility		

8.2) Does the proposed use involve the use of existing buildings on the premises?	
<input type="checkbox"/> Yes	
<input checked="" type="checkbox"/> No	

Division 2 – Reconfiguring a lot

Note: This division is only required to be completed if any part of the development application involves reconfiguring a lot.

9.1) What is the total number of existing lots making up the premises?	

9.2) What is the nature of the lot reconfiguration? <i>(tick all applicable boxes)</i>	
<input type="checkbox"/> Subdivision <i>(complete 10)</i>	<input type="checkbox"/> Dividing land into parts by agreement <i>(complete 11)</i>
<input type="checkbox"/> Boundary realignment <i>(complete 12)</i>	<input type="checkbox"/> Creating or changing an easement giving access to a lot from a constructed road <i>(complete 13)</i>

10) Subdivision				
10.1) For this development, how many lots are being created and what is the intended use of those lots:				
Intended use of lots created	Residential	Commercial	Industrial	Other, please specify:
Number of lots created				

10.2) Will the subdivision be staged?	
<input type="checkbox"/> Yes – provide additional details below	
<input type="checkbox"/> No	
How many stages will the works include?	
What stage(s) will this development application apply to?	

11) Dividing land into parts by agreement – how many parts are being created and what is the intended use of the parts?

Intended use of parts created	Residential	Commercial	Industrial	Other, please specify:
Number of parts created				

12) Boundary realignment

12.1) What are the current and proposed areas for each lot comprising the premises?

Current lot		Proposed lot	
Lot on plan description	Area (m ²)	Lot on plan description	Area (m ²)

12.2) What is the reason for the boundary realignment?

13) What are the dimensions and nature of any existing easements being changed and/or any proposed easement? (attach schedule if there are more than two easements)

Existing or proposed?	Width (m)	Length (m)	Purpose of the easement? (e.g. pedestrian access)	Identify the land/lot(s) benefitted by the easement

Division 3 – Operational work

Note: This division is only required to be completed if any part of the development application involves operational work.

14.1) What is the nature of the operational work?

<input type="checkbox"/> Road work	<input type="checkbox"/> Stormwater	<input type="checkbox"/> Water infrastructure
<input type="checkbox"/> Drainage work	<input type="checkbox"/> Earthworks	<input type="checkbox"/> Sewage infrastructure
<input type="checkbox"/> Landscaping	<input type="checkbox"/> Signage	<input type="checkbox"/> Clearing vegetation
<input type="checkbox"/> Other – please specify:		

14.2) Is the operational work necessary to facilitate the creation of new lots? (e.g. subdivision)

Yes – specify number of new lots: _____

No

14.3) What is the monetary value of the proposed operational work? (include GST, materials and labour)

\$ _____

PART 4 – ASSESSMENT MANAGER DETAILS

15) Identify the assessment manager(s) who will be assessing this development application

Cook Shire Council

16) Has the local government agreed to apply a superseded planning scheme for this development application?

Yes – a copy of the decision notice is attached to this development application

The local government is taken to have agreed to the superseded planning scheme request – relevant documents attached

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 – state transport infrastructure
- Infrastructure-related referrals – State transport corridor and future State transport corridor
- Infrastructure-related referrals – State-controlled transport tunnels and future state-controlled transport tunnels
- 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
- 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*)

<input type="checkbox"/> Heritage places – Local heritage places
Matters requiring referral to the Chief Executive of the distribution entity or transmission entity: <input type="checkbox"/> Infrastructure-related referrals – Electricity infrastructure
Matters requiring referral to: <ul style="list-style-type: none"> • The Chief Executive of the holder of the licence, if not an individual • The holder of the licence, if the holder of the licence is an individual <input type="checkbox"/> Infrastructure-related referrals – Oil and gas infrastructure
Matters requiring referral to the Brisbane City Council: <input type="checkbox"/> Ports – Brisbane core port land
Matters requiring referral to the Minister responsible for administering the Transport Infrastructure Act 1994: <input type="checkbox"/> Ports – Brisbane core port land (<i>where inconsistent with the Brisbane port LUP for transport reasons</i>) <input type="checkbox"/> Ports – Strategic port land
Matters requiring referral to the relevant port operator , if applicant is not port operator: <input type="checkbox"/> Ports – Land within Port of Brisbane’s port limits (<i>below high-water mark</i>)
Matters requiring referral to the Chief Executive of the relevant port authority: <input type="checkbox"/> Ports – Land within limits of another port (<i>below high-water mark</i>)
Matters requiring referral to the Gold Coast Waterways Authority: <input type="checkbox"/> Tidal works or work in a coastal management district (<i>in Gold Coast waters</i>)
Matters requiring referral to the Queensland Fire and Emergency Service: <input type="checkbox"/> Tidal works or work in a coastal management district (<i>involving a marina (more than six vessel berths)</i>)

18) Has any referral agency provided a referral response for this development application?		
<input type="checkbox"/> Yes – referral response(s) received and listed below are attached to this development application		
<input checked="" type="checkbox"/> No		
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 (<i>if applicable</i>).		

PART 6 – INFORMATION REQUEST

19) Information request under Part 3 of the DA Rules
<input checked="" type="checkbox"/> I agree to receive an information request if determined necessary for this development application
<input type="checkbox"/> I do not agree to accept an information request for this development application
Note: <i>By not agreeing to accept an information request I, the applicant, acknowledge:</i>
<ul style="list-style-type: none"> • <i>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</i> • <i>Part 3 of the DA Rules will still apply if the application is an application listed under section 11.3 of the DA Rules.</i>
<i>Further advice about information requests is contained in the DA Forms Guide.</i>

PART 7 – FURTHER DETAILS

20) Are there any associated development applications or current approvals? (e.g. a preliminary approval)			
<input type="checkbox"/> Yes – provide details below or include details in a schedule to this development application <input checked="" type="checkbox"/> No			
List of approval/development application references	Reference number	Date	Assessment manager
<input type="checkbox"/> Approval <input type="checkbox"/> Development application			
<input type="checkbox"/> Approval <input type="checkbox"/> Development application			

21) Has the portable long service leave levy been paid? (only applicable to development applications involving building work or operational work)		
<input type="checkbox"/> Yes – a copy of the receipted QLeave form is attached to this development application <input type="checkbox"/> No – I, the applicant will provide evidence that the portable long service leave levy has been paid before the assessment manager decides the development application. I acknowledge that the assessment manager may give a development approval only if I provide evidence that the portable long service leave levy has been paid <input checked="" type="checkbox"/> Not applicable (e.g. building and construction work is less than \$150,000 excluding GST)		
Amount paid	Date paid (dd/mm/yy)	QLeave levy number (A, B or E)
\$		

22) Is this development application in response to a show cause notice or required as a result of an enforcement notice?
<input type="checkbox"/> Yes – show cause or enforcement notice is attached <input checked="" type="checkbox"/> No

23) Further legislative requirements	
Environmentally relevant activities	
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> ?	
<input type="checkbox"/> 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 <input checked="" type="checkbox"/> No <i>Note: Application for an environmental authority can be found by searching “ESR/2015/1791” as a search term at www.qld.gov.au. An ERA requires an environmental authority to operate. See www.business.qld.gov.au for further information.</i>	
Proposed ERA number:	Proposed ERA threshold:
Proposed ERA name:	
<input type="checkbox"/> Multiple ERAs are applicable to this development application and the details have been attached in a schedule to this development application.	
Hazardous chemical facilities	
23.2) Is this development application for a hazardous chemical facility ?	
<input type="checkbox"/> Yes – Form 69: Notification of a facility exceeding 10% of schedule 15 threshold is attached to this development application <input checked="" type="checkbox"/> No <i>Note: See www.business.qld.gov.au for further information about hazardous chemical notifications.</i>	

Clearing native vegetation

23.3) Does this development application involve **clearing native vegetation** that requires written confirmation that the chief executive of the *Vegetation Management Act 1999* is satisfied the clearing is for a relevant purpose under section 22A of the *Vegetation Management Act 1999*?

- Yes – this development application includes written confirmation from the chief executive of the *Vegetation Management Act 1999* (s22A determination)
- No

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 *Environmental Offsets Act 2014*?

- 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.qld.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 Water Act 2000**?

- Yes – the relevant template is completed and attached to this development application and I acknowledge that a relevant authorisation or licence under the *Water Act 2000* may be required prior to commencing development
- No

Note: Contact the Department of Natural Resources, Mines and Energy at www.dnrme.qld.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 Form 1 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 resource allocation authority is attached to this development application, if required under the *Fisheries Act 1994*
- 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 *Water Act 2000*?

- 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.dnrme.qld.gov.au and 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 *Coastal Protection and Management Act 1995*?

- 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 www.des.qld.gov.au 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 *Water Supply (Safety and Reliability) Act 2008* (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

Note: See guidance materials at www.des.qld.gov.au 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.qld.gov.au for information requirements regarding development of Queensland heritage places.

Name of the heritage place:	Musgrave Telegraph Station (former)	Place ID:	600431
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Brothels

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 *Prostitution Regulation 2014*
 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 *Transport Infrastructure Act 1994* (subject to the conditions in section 75 of the *Transport Infrastructure Act 1994* 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

24) Development application checklist

I have identified the assessment manager in question 15 and all relevant referral requirement(s) in question 17

Yes

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 details](#) have been completed and attached to this development application

Yes

Not applicable

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](#).

Yes

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](#).

Yes

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:

- 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*.

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

Date received: Reference number(s):

Notification of engagement of alternative assessment manager	
Prescribed assessment manager	
Name of chosen assessment manager	
Date chosen assessment manager engaged	
Contact number of chosen assessment manager	
Relevant licence number(s) of chosen assessment manager	

QLeave notification and payment			
<i>Note: For completion by assessment manager if applicable</i>			
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			

Individual owner's consent for making a development application under the *Planning Act 2016*

I,

Mary Mcdowall

as owner of the premises identified as follows:

Musgrave Roadhouse
Peninsula Developmental Road, Yarraden QLD 4892
Lot 1 SP 314593

consent to the making of a development application under the *Planning Act 2016* by:

Telstra Corporation Ltd ACN 086 174 781
C/- Downer EDI Engineering Pty Limited ABN 66 057 593 503

on the premises described above for:

Material Change of Use for a Telecommunications Facility

M. Mcdowall

13/8/23