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IT'S HOW
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22 August 2016

Douglas shire Council
Manager Sustainable Communities
PO BOX 723
Mossman QLD 4873

Telstra Operations
Locked Bag 3577
Brisbane, Qld 4001

Telephone: (07) 3455 0498
Facsimile: (07) 3211 1161
Email: rachel.aubrey@team.telstra.com

Development Application for Telecommunication Facility, Wangeti Structure 2

Dear Sir/Madam,

Telstra is proposing to install a new telecommunication facility to achieve the radio frequency objectives for the required radio extension from Wangeti to Buchan Point.

The installation will consist of a new 9m self supporting mast including maintenance to existing access track to site. The proposed site will be north of existing Telstra site on Lot 32 NR7691, off Captain Cook Hwy as outlined in the development application.

As part of this submission the following documents have been provided:

- IDAS ROL & MCU checklists, IDAS Form 5 and IDAS Form 6
- Development Application
- Supporting Documentation

Upon receipt of this application please supply credit card details to Rachel.Aubrey@Team.Telstra.com.au for payment of application fees via Credit Card.

We would like to inform council, Telstra have began consulting with Wet Tropics Management Authority as well as Department of Transport and Main Roads to arrange relevant permits and agreements regarding the Wangetti, Structure 2 proposed development.

Kind regards

Rachel Aubrey
Land Access & Environment
Telstra Corporation Limited

IDAS form 1—Application details

(Sustainable Planning Act 2009 version 4.2 effective 3 August 2015)

This form must be used for **ALL** development applications.

You **MUST** complete **ALL** questions that are stated to be a mandatory requirement unless otherwise identified on this form.

For all development applications, you must:

- complete this form (*IDAS form 1—Application details*)
- complete any other forms relevant to your application
- provide any mandatory supporting information identified on the forms as being required to accompany your application.

Attach extra pages if there is insufficient space on this form.

All terms used on this form have the meaning given in the *Sustainable Planning Act 2009* (SPA) or the Sustainable Planning Regulation 2009.

This form and any other IDAS form relevant to your application must be used for development applications 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*. Whenever a planning scheme is mentioned, take it to mean land use plan for the strategic port land, Brisbane core port land or airport land.

PLEASE NOTE: This form is not required to accompany requests for compliance assessment.

Mandatory requirements

Applicant details (Note: the applicant is the person responsible for making the application and need not be the owner of the land. The applicant is responsible for ensuring the information provided on all IDAS application forms is correct. Any development permit or preliminary approval that may be issued as a consequence of this application will be issued to the applicant.)

Name/s (individual or company name in full)

Telstra Corporation

For companies, contact name

Rachel Aubrey

Postal address

275 George St

Suburb Brisbane

State QLD

Postcode 4000

Country Australia

Contact phone number

07 3455 0498

Mobile number (non-mandatory requirement)

Fax number (non-mandatory requirement)

07 3211 1161

Email address (non-mandatory requirement)

Rachel. Aubrey

@ team.telstra.com

Applicant's reference number (non-mandatory requirement)

1. What is the nature of the development proposed and what type of approval is being sought?**Table A—Aspect 1 of the application (If there are additional aspects to the application please list in Table B—Aspect 2.)**

a) What is the nature of the development? (Please only tick one box.)

☒ Material change of use ☐ Reconfiguring a lot ☐ Building work ☐ Operational work

b) What is the approval type? (Please only tick one box.)

☐ Preliminary approval under s241 of SPA ☐ Preliminary approval under s241 and s242 of SPA ☒ Development permit
c) Provide a brief description of the proposal, including use definition and number of buildings or structures where applicable (e.g. six unit apartment building defined as a *multi-unit dwelling*, 30 lot residential subdivision etc.)

Install a 9m Telecommunications facility and a security fence surrounding the facility. Connect to power from existing site via underground cable installed in conduit.

d) What is the level of assessment? (Please only tick one box.)

☐ Impact assessment ☒ Code assessment
Table B—Aspect 2 of the application (If there are additional aspects to the application please list in Table C—Additional aspects of the application.)

a) What is the nature of development? (Please only tick one box.)

☐ Material change of use ☐ Reconfiguring a lot ☐ Building work ☐ Operational work

b) What is the approval type? (Please only tick one box.)

☐ Preliminary approval under s241 of SPA ☐ Preliminary approval under s241 and s242 of SPA ☐ Development permit
c) Provide a brief description of the proposal, including use definition and number of buildings or structures where applicable (e.g. six unit apartment building defined as a *multi-unit dwelling*, 30 lot residential subdivision etc.)

d) What is the level of assessment?

☐ Impact assessment ☐ Code assessment
Table C—Additional aspects of the application (If there are additional aspects to the application please list in a separate table on an extra page and attach to this form.)
☒ Refer attached schedule ☐ Not required

2. Location of the premises (Complete Table D and/or Table E as applicable. Identify each lot in a separate row.)

Table D—Street address and lot on plan for the premises or street address and lot on plan for the land adjoining or adjacent to the premises (Note: this table is to be used for applications involving taking or interfering with water.) (Attach a separate schedule if there is insufficient space in this table.)

- ☐ Street address and lot on plan (All lots must be listed.)
- ☒ Street address and lot on plan for the land adjoining or adjacent to the premises (Appropriate for development in water but adjoining or adjacent to land, e.g. jetty, pontoon. All lots must be listed.)

Street address					Lot on plan description		Local government area (e.g. Logan, Cairns)
Lot	Unit no.	Street no.	Street name and official suburb/ locality name	Post-code	Lot no.	Plan type and plan no.	
i)		0	Captain Cook Hwy, Wangetti	4877	North of Lot 32	NR7691	Douglas Shire
ii)							
iii)							

Planning scheme details (If the premises involves multiple zones, clearly identify the relevant zone/s for each lot in a separate row in the below table. Non-mandatory)

Lot	Applicable zone / precinct	Applicable local plan / precinct	Applicable overlay/s
i)	Conservation zone		
ii)			
iii)			

Table E—Premises coordinates (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.) (Attach a separate schedule if there is insufficient space in this table.)

Coordinates (Note: place each set of coordinates in a separate row)				Zone reference	Datum	Local government area (if applicable)
Easting	Northing	Latitude	Longitude			
		-16.651880	145.562690	No Zone	<input type="checkbox"/> GDA94 <input type="checkbox"/> WGS84 <input type="checkbox"/> other	Douglas Shire

3. Total area of the premises on which the development is proposed (indicate square metres)

10m x10m

4. Current use/s of the premises (e.g. vacant land, house, apartment building, cane farm etc.)

Road Reserve

5. Are there any current approvals (e.g. a preliminary approval) associated with this application? (Non-mandatory requirement)

☒ No ☐ Yes—provide details below

List of approval reference/s	Date approved (dd/mm/yy)	Date approval lapses (dd/mm/yy)

6. Is owner's consent required for this application? (Refer to notes at the end of this form for more information.)

☐ No
☒ Yes—complete either Table F, Table G or Table H as applicable

Table F

Name of owner/s of the land	
I/We, the above-mentioned owner/s of the land, consent to the making of this application.	
Signature of owner/s of the land	
Date	

Table G

Name of owner/s of the land	Department of Transport and Main Roads
<input checked="" type="checkbox"/> The owner's written consent is attached or will be provided separately to the assessment manager.	

Table H

Name of owner/s of the land	
<input type="checkbox"/> By making this application, I, the applicant, declare that the owner has given written consent to the making of the application.	

7. Identify if any of the following apply to the premises (Tick applicable box/es.)

- ☐ Adjacent to a water body, watercourse or aquifer (e.g. creek, river, lake, canal)—complete Table I
- ☐ On strategic port land under the *Transport Infrastructure Act 1994*—complete Table J
- ☐ In a tidal water area—complete Table K
- ☐ On Brisbane core port land under the *Transport Infrastructure Act 1994* (No table requires completion.)
- ☐ On airport land under the *Airport Assets (Restructuring and Disposal) Act 2008* (no table requires completion)
- ☐ Listed on either the Contaminated Land Register (CLR) or the Environmental Management Register (EMR) under the *Environmental Protection Act 1994* (no table requires completion)

Table I

Name of water body, watercourse or aquifer

Table J

Lot on plan description for strategic port land	Port authority for the lot

Table K

Name of local government for the tidal area (if applicable)	Port authority for the tidal area (if applicable)

8. Are there any existing easements on the premises? (e.g. for vehicular access, electricity, overland flow, water etc)

☒ No ☐ Yes—ensure the type, location and dimension of each easement is included in the plans submitted

9. Does the proposal include new building work or operational work on the premises? (Including any services)

☐ No ☒ Yes—ensure the nature, location and dimension of proposed works are included in plans submitted

10. Is the payment of a portable long service leave levy applicable to this application? (Refer to notes at the end of this form for more information.)

☐ No—go to question 12 ☒ Yes

11. Has the portable long service leave levy been paid? (Refer to notes at the end of this form for more information.)

☒ No
☐ Yes—complete Table L and submit with this application the yellow local government/private certifier's copy of the receipted QLeave form

Table L

Amount paid	Date paid (dd/mm/yy)	QLeave project number (6 digit number starting with A, B, E, L or P)

12. Has the local government agreed to apply a superseded planning scheme to this application under section 96 of the Sustainable Planning Act 2009?

☒ No
☐ Yes—please provide details below

Name of local government	Date of written notice given by local government (dd/mm/yy)	Reference number of written notice given by local government (if applicable)

13. List below all of the forms and supporting information that accompany this application (Include all IDAS forms, checklists, mandatory supporting information etc. that will be submitted as part of this application)

Description of attachment or title of attachment	Method of lodgement to assessment manager
IDAS Form 5 – material change of use	Printed Attachment
IDAS Form 6 – Building or Operational work	Printed Attachment
SARA forms	Printed Attachment
Development application	Printed Attachment.

14. Applicant's declaration

☒ By making this application, I declare that all information in this application is true and correct (Note: it is unlawful to provide false or misleading information)

Notes for completing this form

- Section 261 of the *Sustainable Planning Act 2009* prescribes when an application is a properly-made application. Note, the assessment manager has discretion to accept an application as properly made despite any non-compliance with the requirement to provide mandatory supporting information under section 260(1)(c) of the *Sustainable Planning Act 2009*

Applicant details

- Where the applicant is not a natural person, ensure the applicant entity is a real legal entity.

Question 1

- Schedule 3 of the *Sustainable Planning Regulation 2009* identifies assessable development and the type of assessment. Where schedule 3 identifies assessable development as "various aspects of development" the applicant must identify each aspect of the development on Tables A, B and C respectively and as required.

Question 6

- Section 263 of the *Sustainable Planning Act 2009* sets out when the consent of the owner of the land is required for an application. Section 260(1)(e) of the *Sustainable Planning Act 2009* provides that if the owner's consent is required under section 263, then an application must contain, or be accompanied by, the written consent of the owner, or include a declaration by the applicant that the owner has given written consent to the making of the application. If a development application relates to a state resource, the application is not required to be supported by evidence of an allocation or entitlement to a state resource. However, where the state is the owner of the subject land, the written consent of the state, as landowner, may be required. Allocation or entitlement to the state resource is a separate process and will need to be obtained before development commences.

Question 7

- If the premises is listed on either the Contaminated Land Register (CLR) or the Environmental Management Register (EMR) under the *Environmental Protection Act 1994* it may be necessary to seek compliance assessment. Schedule 18 of the *Sustainable Planning Regulation 2009* identifies where compliance assessment is required.

Question 11

- The *Building and Construction Industry (Portable Long Service Leave) Act 1991* prescribes when the portable long service leave levy is payable.
- The portable long service leave levy amount and other prescribed percentages and rates for calculating the levy are prescribed in the *Building and Construction Industry (Portable Long Service Leave) Regulation 2002*.

Question 12

- The portable long service leave levy need not be paid when the application is made, but the *Building and Construction Industry (Portable Long Service Leave) Act 1991* requires the levy to be paid before a development permit is issued.
- Building and construction industry notification and payment forms are available from any Queensland post office or agency, on request from QLeave, or can be completed on the QLeave website at www.qleave.qld.gov.au. For further information contact QLeave on 1800 803 481 or visit www.qleave.qld.gov.au.

Privacy—The information collected in this form will be used by the Department of Infrastructure, Local Government and Planning (DILGP), assessment manager, referral agency and/or building certifier in accordance with the processing and assessment of your application. Your personal details should not be disclosed for a purpose outside of the IDAS process or the provisions about public access to planning and development information in the *Sustainable Planning Act 2009*, except where required by legislation (including the *Right to Information Act 2009*) or as required by Parliament. This information may be stored in relevant databases. The information collected will be retained as required by the *Public Records Act 2002*.

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Reference numbers

NOTIFICATION OF ENGAGEMENT OF A PRIVATE CERTIFIER

To

Council. I have been engaged as the private certifier for the building work referred to in this application

Date of engagement	Name	BSA Certification license number	Building classification/s

QLEAVE NOTIFICATION AND PAYMENT (For completion by assessment manager or private certifier if applicable.)

Description of the work	QLeave project number	Amount paid (\$)	Date paid	Date receipted form sighted by assessment manager	Name of officer who sighted the form

The *Sustainable Planning Act 2009* is administered by the Department of Infrastructure, Local Government and Planning. This form and all other required application materials should be sent to your assessment manager and any referral agency.

IDAS form 5—Material change of use assessable against a planning scheme

(Sustainable Planning Act 2009 version 3.1 effective 3 August 2015)

This form must be used for development applications for a material change of use assessable against a planning scheme.

You **MUST** complete **ALL** questions that are stated to be a mandatory requirement unless otherwise identified on this form.

For all development applications, you must:

- complete *IDAS form 1—Application details*
- complete any other forms relevant to your application
- provide any mandatory supporting information identified on the forms as being required to accompany your application.

Attach extra pages if there is insufficient space on this form.

All terms used on this form have the meaning given in the *Sustainable Planning Act 2009* (SPA) or the Sustainable Planning Regulation 2009.

This form must also be used for material change of use on 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* that requires assessment against the land use plan for that land. Whenever a planning scheme is mentioned, take it to mean land use plan for the strategic port land, Brisbane core port land or airport land.

Mandatory requirements

1. Describe the proposed use. (Note: this is to provide additional detail to the information provided in question 1 of *IDAS form 1—Application details*. Attach a separate schedule if there is insufficient space in this table.)

General explanation of the proposed use	Planning scheme definition (include each definition in a new row) (non-mandatory)	No. of dwelling units (if applicable) or gross floor area (if applicable)	Days and hours of operation (if applicable)	No. of employees (if applicable)
Telecommunications Facility	Community Infrastructure	N/A	Ongoing unmanned operations	N/A

2. Are there any current approvals associated with the proposed material change of use? (e.g. a preliminary approval.)

☒ No ☐ Yes—provide details below

List of approval reference/s	Date approved (dd/mm/yy)	Date approval lapses (dd/mm/yy)

3. Does the proposed use involve the following? (Tick all applicable boxes.)

The reuse of existing buildings on the premises	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes
New building work on the premises	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes
The reuse of existing operational work on the premises	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes
New operational work on the premises	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes

Mandatory supporting information**4. Confirm that the following mandatory supporting information accompanies this application**

Mandatory supporting information	Confirmation of lodgement	Method of lodgement
All applications		
<p>A site plan drawn to an appropriate scale (1:100, 1:200 or 1:500 are recommended scales) which shows the following:</p> <ul style="list-style-type: none"> the location and site area of the land to which the application relates (<i>relevant land</i>) the north point the boundaries of the relevant land any road frontages of the relevant land, including the name of the road the location and use of any existing or proposed buildings or structures on the relevant land (note: where extensive demolition or new buildings are proposed, two separate plans [an existing site plan and proposed site plan] may be appropriate) any existing or proposed easements on the relevant land and their function the location and use of buildings on land adjoining the relevant land all vehicle access points and any existing or proposed car parking areas on the relevant land. Car parking spaces for persons with disabilities and any service vehicle access and parking should be clearly marked for any new building on the relevant land, the location of refuse storage the location of any proposed retaining walls on the relevant land and their height the location of any proposed landscaping on the relevant land the location of any stormwater detention on the relevant land. 	<input checked="" type="checkbox"/> Confirmed	Electronic
A statement about how the proposed development addresses the local government's planning scheme and any other planning instruments or documents relevant to the application.	<input checked="" type="checkbox"/> Confirmed	Electronic
A statement about the intensity and scale of the proposed use (e.g. number of visitors, number of seats, capacity of storage area etc.).	<input checked="" type="checkbox"/> Confirmed	Electronic
<p>Information that states:</p> <ul style="list-style-type: none"> the existing or proposed floor area, site cover, maximum number of storeys and maximum height above natural ground level for existing or new buildings (e.g. information regarding existing buildings but not being reused) the existing or proposed number of on-site car parking bays, type of vehicle cross-over (for non-residential uses) and vehicular servicing arrangement (for non-residential uses). 	<input type="checkbox"/> Confirmed <input checked="" type="checkbox"/> Not applicable	

A statement addressing the relevant part(s) of the State Development Assessment Provisions (SDAP).	<input checked="" type="checkbox"/> Confirmed <input type="checkbox"/> Not applicable	
When the application involves the reuse of existing buildings		
Plans showing the size, location, existing floor area, existing site cover, existing maximum number of storeys and existing maximum height above natural ground level of the buildings to be reused.	<input type="checkbox"/> Confirmed <input checked="" type="checkbox"/> Not applicable	
When the application involves new building work (including extensions)		
Floor plans drawn to an appropriate scale (1:50, 1:100 or 1:200 are recommended scales) which show the following: <ul style="list-style-type: none"> the north point the intended use of each area on the floor plan (for commercial, industrial or mixed use developments only) the room layout (for residential development only) with all rooms clearly labelled the existing and the proposed built form (for extensions only) the gross floor area of each proposed floor area. 	<input type="checkbox"/> Confirmed	
Elevations drawn to an appropriate scale (1:100, 1:200 or 1:500 are recommended scales) which show plans of all building elevations and facades, clearly labelled to identify orientation (e.g. north elevation)	<input type="checkbox"/> Confirmed	
Plans showing the size, location, proposed site cover, proposed maximum number of storeys, and proposed maximum height above natural ground level of the proposed new building work.	<input type="checkbox"/> Confirmed <input checked="" type="checkbox"/> Not applicable	
When the application involves reuse of other existing work		
Plans showing the nature, location, number of on-site car parking bays, existing area of landscaping, existing type of vehicular cross-over (non-residential uses), and existing type of vehicular servicing arrangement (non-residential uses) of the work to be reused.	<input type="checkbox"/> Confirmed <input checked="" type="checkbox"/> Not applicable	
When the application involves new operational work		
Plans showing the nature, location, number of new on-site car parking bays, proposed area of new landscaping, proposed type of new vehicle cross-over (non-residential uses), proposed maximum new vehicular servicing arrangement (non-residential uses) of the proposed new operational work.	<input type="checkbox"/> Confirmed <input checked="" type="checkbox"/> Not applicable	

Privacy—Please refer to your assessment manager, referral agency and/or building certifier for further details on the use of information recorded in this form.

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Reference numbers

The *Sustainable Planning Act 2009* is administered by the Department of Infrastructure, Local Government and Planning. This form and all other required application materials should be sent to your assessment manager and any referral agency.

IDAS form 6—Building or operational work assessable against a planning scheme

(Sustainable Planning Act 2009 version 3.1 effective 3 August 2015)

This form must be used for development applications for building work or operational work assessable against a planning scheme.

You **MUST** complete **ALL** questions that are stated to be a mandatory requirement unless otherwise identified on this form.

For all development applications, you must:

- complete *IDAS form 1—Application details*
- complete any other forms relevant to your application
- provide any mandatory supporting information identified on the forms as being required to accompany your application.

Attach extra pages if there is insufficient space on this form.

All terms used on this form have the meaning given in the *Sustainable Planning Act 2009* (SPA) or the Sustainable Planning Regulation 2009.

This form must be used for building work or operational work relating on 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* that requires assessment against the land use plan for that land. Whenever a planning scheme is mentioned, take it to mean land use plan for the strategic port land, Brisbane core port land or airport land.

Mandatory requirements

1. What is the nature of the work that requires assessment against a planning scheme? (Tick all applicable boxes.)

☒ Building work—complete Table A ☐ Operational work—complete Table B

Table A

- a) What is the nature of the building work (e.g. building, repairing, altering, underpinning, moving or demolishing a building)?

Building a telecommunications facility

- b) Are there any current approvals associated with this application? (e.g. material change of use.)

☒ No ☐ Yes—provide details below

List of approval reference/s	Date approved (dd/mm/yy)	Date approval lapses (dd/mm/yy)

Table B

a) What is the nature of the operational work? (Tick all applicable boxes.)

- ☐ Road works ☐ Stormwater ☐ Water infrastructure
☐ Drainage works ☐ Earthworks ☐ Sewerage infrastructure
☐ Landscaping ☐ Signage ☐ Clearing vegetation under the planning scheme
☐ Other—provide details

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

- ☐ No ☐ Yes—specify the number of lots being created

c) Are there any current approvals associated with this application? (E.g. material change of use.)

- ☐ No ☐ Yes—provide details below

List of approval reference/s	Date approved (dd/mm/yy)	Date approval lapses (dd/mm/yy)

2. What is the dollar value of the proposed building work?
(Inc GST, materials and labour.)

\$

3. What is the dollar value of the proposed operational work?
(Inc GST, materials and labour.)

\$

Mandatory supporting information

4. Confirm that the following mandatory supporting information accompanies this application

Mandatory supporting information	Confirmation of lodgement	Method of lodgement
All applications involving building work or operational work		
<p>A site plan drawn to an appropriate scale (1:100, 1:200 or 1:500 are recommended scales) which shows the following:</p> <ul style="list-style-type: none"> the location and site area of the land to which the application relates (<i>relevant land</i>) the north point the boundaries of the relevant land the allotment layout showing existing lots, any proposed lots (including the dimensions of those lots), existing or proposed road reserves, building envelopes and existing or proposed open space (note: numbering is required for all lots) any existing or proposed easements on the relevant land and their function any access limitation strips all existing and proposed roads and access points on the relevant land. 	<input type="checkbox"/> Confirmed	

A statement about how the proposed development addresses the local government's planning schemes and any other planning documents relevant to the application.	<input type="checkbox"/> Confirmed	
A statement addressing the relevant part(s) of the State Development Assessment Provisions (SDAP).	<input type="checkbox"/> Confirmed <input type="checkbox"/> Not applicable	
Applications for building work (including extensions and demolition that is assessable development)		
Floor plans drawn to an appropriate scale (1:50, 1:100 or 1:200 are recommended scales) which show the following: <ul style="list-style-type: none"> the north point the intended use of each area on the floor plan (for commercial, industrial or mixed use developments only) the room layout (for residential development only) with all rooms clearly labelled the existing and the proposed built form (for extensions only) the gross floor area of each proposed floor area. 	<input type="checkbox"/> Confirmed <input checked="" type="checkbox"/> Not applicable	
Elevations drawn to an appropriate scale (1:100, 1:200 or 1:500 are recommended scales) which show plans of all building elevations and facades, clearly labelled to identify orientation (e.g. north elevation).	<input type="checkbox"/> Confirmed <input checked="" type="checkbox"/> Not applicable	
Plans showing the size, location, proposed site cover, proposed maximum number of storeys, and proposed maximum height above natural ground level of the proposed new building work.	<input checked="" type="checkbox"/> Confirmed <input type="checkbox"/> Not applicable	
Plans showing the extent of any demolition that is assessable development.	<input type="checkbox"/> Confirmed <input type="checkbox"/> Not applicable	
Applications for operational work involving earthworks (filling and excavating)		
Drawings showing: <ul style="list-style-type: none"> existing and proposed contours areas to be cut and filled the location and level of any permanent survey marks or reference stations used as datum for the works the location of any proposed retaining walls on the relevant land and their height the defined flood level (if applicable) the fill level (if applicable). 	<input type="checkbox"/> Confirmed <input checked="" type="checkbox"/> Not applicable	
Applications for operational work involving roadworks		
Drawings showing: <ul style="list-style-type: none"> existing and proposed contours the centreline or construction line showing chainages, bearings, offsets if the construction line is not the centreline of the road and all intersection points information for each curve including tangent point chainages and offsets, curve radii, arc length, tangent length, superelevation (if applicable) and curve widening (if applicable) kerb lines including kerb radii (where not parallel to centreline) and tangent point changes (where not parallel to centreline) edge of pavement where kerb is not constructed position and extent of channelisation location and details of all traffic signs, guideposts, guardrail and other street furniture pavement markings including details on raised pavement markers 	<input type="checkbox"/> Confirmed <input checked="" type="checkbox"/> Not applicable	

<ul style="list-style-type: none"> • catchpit, manhole and pipeline locations • drainage details (if applicable) • cross road drainage culverts (if applicable) • concrete footpaths and cycle paths • location and details for access points, ramps and invert crossings • changes in surfacing material. 		
Applications for operational work involving stormwater drainage		
Drawings showing: <ul style="list-style-type: none"> • existing and proposed contours • drainage locations, diameters and class of pipe, open drains and easements • manhole location, chainage and offset or coordinates and inlet and outlet invert levels • inlet pit locations, chainage and offset or coordinates and invert and kerb levels. 	<input type="checkbox"/> Confirmed <input checked="" type="checkbox"/> Not applicable	
Applications for operational work involving water reticulation		
Drawings showing: <ul style="list-style-type: none"> • kerb lines or edge of pavement where kerb is not constructed • location and levels of other utility services where affected by water reticulation works • pipe diameter, type of pipe and pipe alignment • water main alignments • water supply pump station details (if applicable) • minor reservoir details (if applicable) • conduits • location of valves and fire hydrants • location of house connections (if applicable) • location of bench marks and reference pegs. 	<input type="checkbox"/> Confirmed <input checked="" type="checkbox"/> Not applicable	
Applications for operational work involving sewerage reticulation		
Drawings showing: <ul style="list-style-type: none"> • location of all existing and proposed services • location of all existing and proposed sewer lines and manhole locations • location of all house connection branches • kerb lines or edge of pavement where kerb is not constructed • chainages • design sewer invert levels • design top of manhole levels • type of manhole and manhole cover • pipe diameter, type of pipe and pipe alignment • location of house connections (if applicable) • sewer pump station details (if applicable). 	<input type="checkbox"/> Confirmed <input checked="" type="checkbox"/> Not applicable	
Applications for operational work involving street lighting		
Drawings showing: <ul style="list-style-type: none"> • location of all light poles and service conduits • location of all other cross road conduits • type of wattage and lighting • any traffic calming devices • additional plans for roundabouts and major roads (if applicable) • details of any variations to normal alignment 	<input type="checkbox"/> Confirmed <input checked="" type="checkbox"/> Not applicable	

- details of lighting levels.

Applications for operational work involving public utility services**Drawings showing:**

- any existing light poles and power poles
- any existing underground services
- details of proposed services
- alteration to existing services.

☐ Confirmed
☒ Not applicable

Applications for operational work involving landscaping works**Drawings showing:**

- the location of proposed plant species
- a plant schedule indicating common and botanical names, pot sizes and numbers of plants
- planting bed preparation details including topsoil depth, subgrade preparation, mulch type and depth, type of turf, pebble, paving and garden edge
- the location and type of any existing trees to be retained
- construction details of planter boxes, retaining walls and fences
- the proposed maintenance period
- irrigation system details.

☐ Confirmed
☒ Not applicable

Privacy—Please refer to your assessment manager, referral agency and/or building certifier for further details on the use of information recorded in this form.

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Date received

Reference numbers

The *Sustainable Planning Act 2009* is administered by the Department of Infrastructure, Local Government and Planning. This form and all other required application materials should be sent to your assessment manager and any referral agency.

Planning Assessment Report



Wangetti 1.8GHz
Wangetti - Structure 2
Captain Cook Hwy,
Wangetti QLD 4877
Douglas Shire Council

IT'S HOW
WE CONNECT





Planning Assessment Report

Date | Friday, 19 August 2016
Project Manager | Brad Clayton
Project Reference No | WP20002434 / SP10024485 WO001
Site Name | Wangetti

Document prepared by:
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Proposed Site Summary

Applicant:	Telstra Corporation Ltd ABN 33 051 775 556 Locked Bag 3577 Brisbane QLD 4001	Rachel Aubrey T +61 7 3455 0498 F +61 7 3211 1161 E Rachel.Aubrey@team.telstra.com
Proposal:	Telstra propose a new telecommunications facility consisting of a (1) new 9m self supporting mast with a concrete foundation; one (1) new SCX3-W71ASIA1 dish antennae and associated feeders. All cables will traverse from the mast to the existing equipment shelter located on existing Telstra site on Lot 32 NR7691 via underground conduits along the exiting maintenance track. The last 40-50m of existing power line maintenance track will be sealed to allow all weather access.	
Application type:	Application for a Development Permit for a Material Change of Use	
Site address:	Part of State Controlled Road Reserve, coordinates -16.651880, 145.562690 approx 156.3m north of existing Telstra Site (L32 NR7691) Wangetti RT. Off Captain Cook Hwy Wangetti QLD 4877 Parish: Dulanban Council: Douglas Shire	
Owner:	State controlled Road Reserve (Crown Land) managed by Department of Transport and Main Roads (TMR)	
Zoning:	No Zone (surrounding area is Conservation Zone)	
Site selection criteria:	<ul style="list-style-type: none">• The site achieves the radio frequency objectives for the required radio extension from Buchan Point to provide a telecommunications service to a customer.• The proposed facility is located to minimise impact on the local environment.• The proposal is consistent with the regulatory framework of Commonwealth, State and Local legislation, codes, policies and guidelines.	
Operational criteria:	<ul style="list-style-type: none">• The proposed facility will operate within current and relevant standards regulated by the Australian Communications and Media Authority.	



1. Introduction

On the 26th May 2015, the Minister for Communications made the Radiocommunications Declaration 2015 (Spectrum Re-allocation—Regional 1800 MHz Band).

As a result, all Telstra network facilities carrying services within that frequency band must find another way to provide them. The new higher radio frequencies available to Telstra have the disadvantage of transmitting over shorter distances.

Despite reviewing alternate methods of service, Telstra has found that it requires the construction of a new telecommunications facility.

This report has been prepared to support an application for the construction of a new telecommunications facility near Captain Cook HWY, Wangetti.

The purpose of this Planning Report is to:

- Describe the site selection process (Section 2)
- Describe the subject land and locality (Section 3)
- Describe the proposed telecommunications facility (Section 4)
- Present an assessment of how the proposed development meets the planning objectives of the various applicable Commonwealth, State and Local laws (Section 5)
- Present an assessment of the environmental planning implications associated with the proposed facility (Section 6).



2. Site Selection

2.1 Site Selection

In order to meet the requirement of the Radiocommunications (Spectrum Re-allocation—Regional 1800 MHz Band) Declaration 2015 and to maintain Telstra's current level of service within the local community, Telstra requires the construction of a new telecommunication facility within the road reserve north of the existing Wangetti radio tower facility.

Telstra recognises the sensitivity associated with such a proposal and strives to strike a balance between providing services and minimising the impacts on the locality. During the site selection process, which involves identifying several potential locations to site the telecommunications facility, a number of factors are taken into consideration. These include, achieving coverage requirements for the area as well as planning objectives, co-location opportunities and property and construction requirements. Each candidate is then ranked accordingly.

The nature of any telecommunications tower (whether used for mobile or radio) is such that reliable communication is limited mainly to "line of sight" of the receiving & sending antennae. Whilst some buildings and foliage can be penetrated, radio signals cannot penetrate more substantial objects, such as hills. As a general rule, the higher a base station is elevated and the taller a base station structure is, the greater its range of coverage. Accordingly, in order to achieve Telstra's network performance and quality requirements for the area, the base station must be located on high terrain to provide appropriate coverage.

2.2 Need for the proposed telecommunications facility

On the 26th May 2015, the Minister for Communications made the Radiocommunications (Spectrum Re-allocation—Regional 1800 MHz Band) Declaration 2015. This relocation was made under subsection 153B(1) of the Radiocommunications Act 1992.

In order to meet the requirements of the Spectrum Re-allocation Declaration and maintain Telstra's current level of service within the local community, Telstra has considered if the existing service can be optimised through the existing network, or if new network would need to be constructed to provide an appropriate service.

This determination involves a review of the antenna configurations at existing sites in the subject area, adjustments to software parameters and other similar changes to the existing network configuration. In many instances, network optimisation offers sufficient improvements and means that capital works or the construction of new facilities are not required to remedy the situation.

However, if optimisation cannot deliver a satisfactory outcome, the deployment of a new site is considered. The initial research undertaken is used to define the scope of the network deficiency and the performance objective of the proposed new facility.

In this case the existing radio path between existing Wangetti RT and Buchan point is obstructed by a ridgeline. While this obstruction is tolerable at 1800MHz the optimised frequency will no longer be viable. Feasibility studies, considered both radio and optic fibre solutions with the following results.

- Due to site constraints extending the existing pole to achieve a viable radio path was not practical, nor cost effective.
- Installing a new antenna on the nearby Vodafone structure was not a viable option as again there was no clear line of sight.



- Likewise the terrain was not practical or cost effective to pursue the optic fibre solution.

Therefore the proposed solution is to install a short 9m mast at a more elevated location from the existing site and connect via underground cable installed in conduit.

3. Subject Land and Locality Description

The subject land is land vested as road reserve by Department of Transport and Main Roads, while the surrounding area is zoned as conservation.

The proposed telecommunication site was selected in consultation with Wet Tropics Management Authority and Department of Transport and Main Roads representatives. The site was selected due to the minimal clearing required, availability of an existing access track and the ability to maintain line of sight.

The proposed lot will measure approximately 100sqm.

Access to the proposed facility will be off Captain Cook Hwy, along the private road identified as easement A/RP746002 and continue north using the existing power line maintenance track.

Tenure negotiations have commenced with Department of Transport and Main Roads. As part of the tenure process the site and access track have been surveyed to formally identify the location.

Likewise, as the site is within the Wet Tropics world heritage area; an application with the Wet Tropics Management Authority has been submitted addressing all relevant assessment criteria.

Refer to the images below for further details of the locality of the proposed telecommunications facility in relation to the overall site.

Figure 1 – Site Location (source: Google maps)

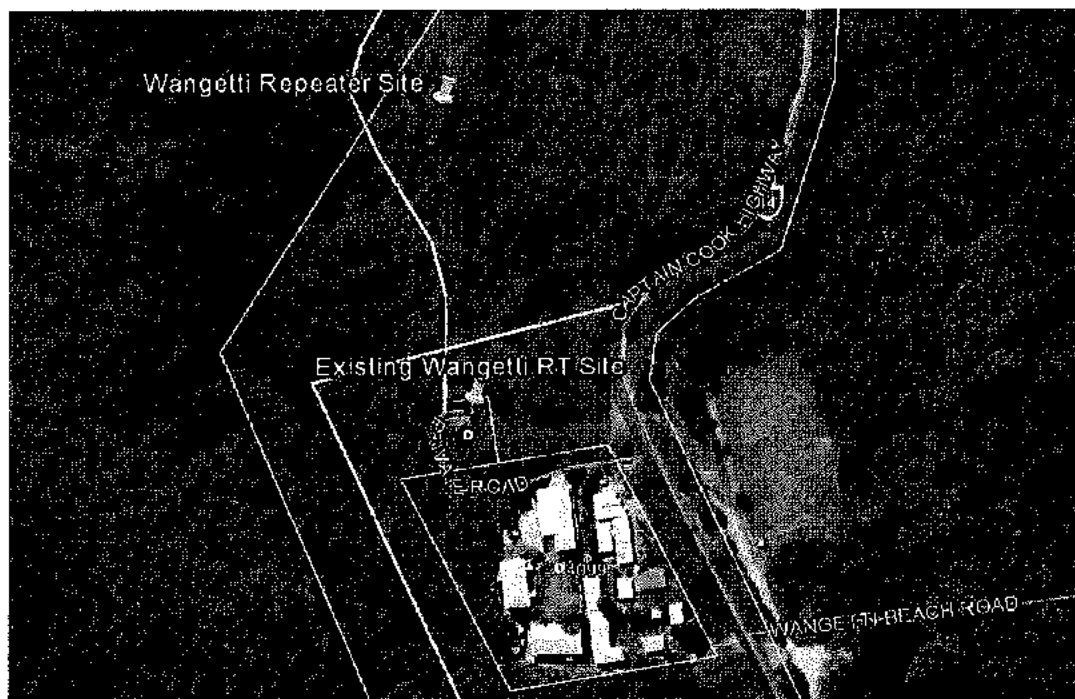
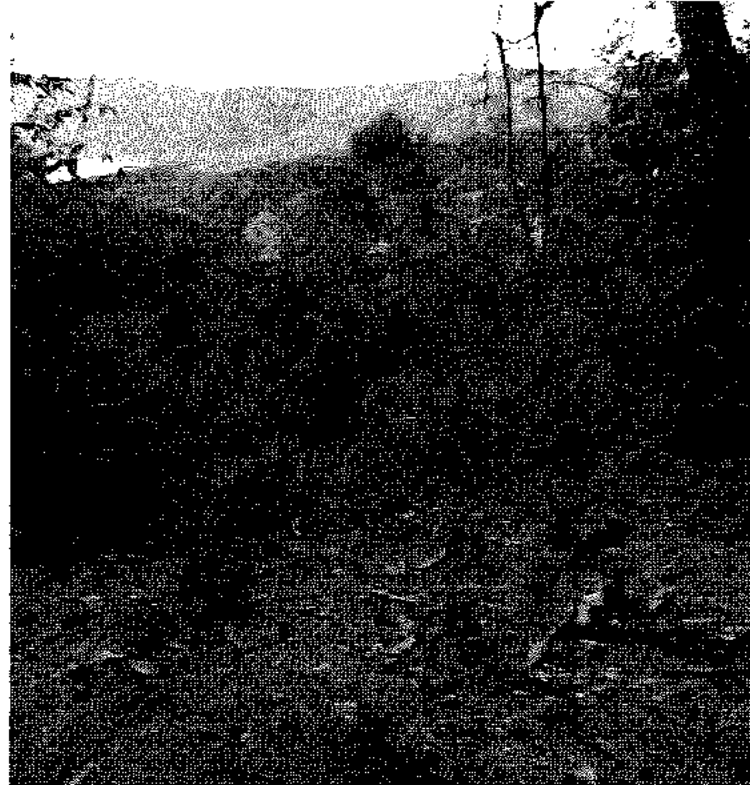




Figure 2 – Proposed site looking towards Buchan Pt



4. Proposed Development

4.1 Proposal Summary

The proposed telecommunications facility comprises of the following:

- Construction of a 9m self supporting mast with concrete foundation
- Installation of one (1) new link dish antennae.
- All associated equipment will be housed within existing equipment shelter at Wangetti RT site Lot 32 NR7691.
- As the existing structure will remain in use for mobiles, PVC conduits will be installed under the track to install run power and communications between the existing hut and the new proposed structure.
- The existing access track which serves the High Voltage power line will be used to access this site. A part of the access track is quite steep therefore a small section will be upgraded to allow access for ongoing access and to avoid future erosion issues.
- The facility will be enclosed by a 1.8 metre high mesh security fence.

The proposal is detailed on:

- Drawing No.Q101544 SG1 - Site Tenure Plan
- Drawing No. Q101544 SS1 - Site Layout and Access



- Drawing No. Q101544 SS1-2 – Site Layout, Detail B
- Drawing No. Q101544 SS3-2 – Elevation

These drawings have been prepared by Telstra. A complete set of 'for construction' drawings will be produced after consultation with the structural engineer. These can be made available prior to the start of works should a copy be required.

Refer to Appendix A for Drawings

4.2 Traffic, Access and Parking

Access to the proposed site will be via the existing High Voltage (HV) power line access maintenance track. The power line access track is a private track with access controlled via a locked gate.

During the construction phase, a small truck would be used to deliver the equipment and a Hiab crane used to lift the equipment into place. Traffic impacts associated with these vehicles would be temporary with minimal delay or disruption. No traffic control measures are expected to be required as no traffic impacts are expected. It is not anticipated that the construction phase will adversely impact the road network for the wider area.

The current unsealed access track will undergo maintenance activities necessary for ongoing maintenance of the structure. The access track will be made the minimal width required, following the contours of the land, avoiding large tree specimens or significant vegetation and habitat corridors, as identified by Wet Tropics Management Authority. The final segment of track closest to the proposed site will be sealed to allow for all weather vehicle access.

Minor excavation work will be carried out to reduce the amount of erosion occurring along the access track and surrounding area due to this development.

The area surrounding the facility provides adequate vehicle standing area to facilitate servicing and maintenance.

Following construction, it is not expected for staff to access the site more than 4-5 times per calendar year to complete maintenance works.

4.3 Installation Details

A total construction period of approximately three months is anticipated. Construction activities will involve four basic stages:

- Stage 1 - site preparation such as field testing, delivery of materials, clearing and scrubbing etc
- Stage 2 - earthworks
- Stage 3 - erection and construction
- Stage 4 - antenna installation and testing of equipment

4.4 Utility Service Details

No power connection will be required as power will be sourced from existing site.
No water will be required as this is an unmanned facility.

4.5 Maintenance Details

The proposed telecommunications facility is self-contained and operates on a continuous un-staffed basis. Once operational, and integrated with the Telstra telecommunications network, the facility typically requires only infrequent maintenance inspections. There may be periods when



maintenance operations are undertaken on a more frequent basis, such as during network optimisation. However, this would not be for a prolonged period.

5. Regulatory Framework

5.1 Commonwealth Regulatory Framework

In 1991, the Commonwealth Government initiated a major reform of the communications industry in Australia. The reforms allowed limited competition until July 1997 at which time full competition was permitted. In July 1997, the *Telecommunications Act 1997* (1997 Act) was introduced, replacing the 1991 Act, which facilitated this competition.

Under the 1997 Act, the Government established the *Telecommunications Code of Practice 1997* (Code of Practice), which sets out the conditions under which a carrier must operate. Telstra, as a licensed telecommunications carrier, must comply with the *Telecommunications Act 1997* and the *Telecommunications Code of Practice 1997* for all telecommunication facilities. Under the 1997 Act, provisions have been made for telecommunications carriers to be subject to State and Territory planning laws in certain instances. The 1997 Act exempts carriers from the requirements of State planning legislation when the proposed facility is compliant with the *Telecommunications (Low-impact Facilities) Determination 1997*.

Whilst the majority of the proposal is considered 'low-impact', the tower is 9m in height. This means that the proposal is subject to the *Sustainable Planning Act 2009* and requires development approval and building approval.

5.2 Telecommunications Code of Practice 1997

The *Telecommunications Act 1997* (the Act) is the principal Act that governs the activities of both Telstra and the other telecommunication carriers. Schedule 3 of the Act sets out the powers and immunities of all telecommunication carriers. The principal powers of telecommunications carriers are:

- The power to inspect land for the purpose of determining whether the land is suitable for the carriers purposes
- The power to install a facility on the land – this power may only be exercised if certain conditions are satisfied. These conditions are:
 - the carrier holds a facility installation permit
 - The facility is a Low-impact facility
 - The facility is a temporary facility for use by a defence organisation for defence purposes
- The power to maintain a facility that is situated on the land.
- In exercising powers under this part Telstra must comply with certain conditions including:
 - Doing as little damage as possible
 - Acting in accordance with good engineering practice
 - Complying with recognised industry standards
 - Complying with conditions specified in the regulations
 - Complying with conditions specified in a Ministerial Code of Practice
 - Complying with conditions specified in a Facility Installation Permit

- Giving notice to the owner of the land

The aim of the *Telecommunications Act 1997* is to provide a regulatory framework that promotes:

"the long-term interests of end users of carriage services or of services provided by means of carriage services."

"the efficiency and international competitiveness of the Australian Telecommunications Industry."

Under Schedule 3 of the *Telecommunications Act 1997*, provisions have been made for telecommunication carriers to be subject to State and Territory environmental and planning laws when developing telecommunications facilities. If however, a telecommunication carrier proposes to install a low-impact facility that meets the requirements of Schedule 3, Part 1, Division 3, of the *Telecommunications Act 1997*, the carrier is exempt from State and Territory laws.

In this instance, the current proposal is **not defined as a low-impact facility** and therefore it is subject to State laws and the provisions of the Planning Scheme.

5.3 Communications Alliance Ltd Deployment Code (Deployment Code)

An industry code of practice has been designed to improve consultation by telecommunications carriers when planning and installing new mobiles facilities, which is registered by the Australian Communications and Media Authority (ACMA). Registration of the code, Communications Alliance Limited – *Mobile Phone Base Station Deployment C564:2011* (the Deployment Code) (previously the Australian Communications Industry Forum (ACIF) - *Deployment of Mobile Phone Network Infrastructure C564: 2004* (the ACIF Industry Code)), means that it is compulsory for all licensed telecommunications carriers (including Telstra) to abide by its provisions.

This facility is not for Mobile Phone communications and is not subject to the Deployment Code. If a Mobiles Phone base is required in future then the Deployment Code will be applicable and Telstra will undertake consultation as required by the Code.

5.4 State Government Regulatory Framework and Guidelines

5.4.1 The Sustainable Planning Act

The *Sustainable Planning Act 2009* (The SPA) is the legislation that governs planning in Queensland. The SPA seeks to achieve ecological sustainable outcomes for development within Queensland by coordinating and integrating planning mechanisms at local, regional and state levels, managing the effects of development on the environment, and managing the process by which development takes place.

Sustainable Planning Regulation 2009

This project is a material change of use code assessable development. The site is located within a Category B (Remnant Vegetation) area, with the access track to the site being within Category B (Vegetation not regulated under the *Vegetation Management Act 1999*).

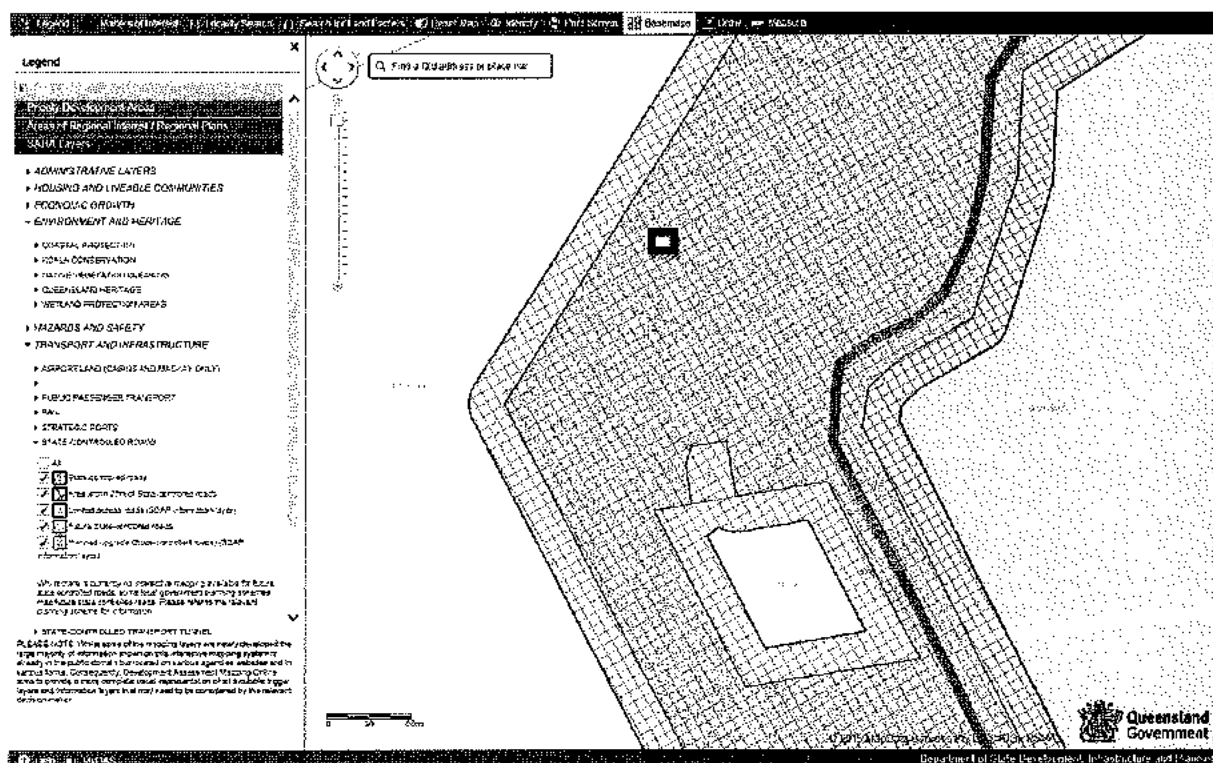
Transport and Main Roads:

The proposed development is within the State Controlled Road as such we trigger the Department of Transport and Main Roads.

Construction works are unlikely to impact upon Captain Cook Highway as construction will occur away from the main road. Vehicles will access the site using existing easement (A/RP746002) and follow the existing power line access track to site; therefore no new entry



point will be required. The quantity of traffic accessing the highway is not expected to increase as the proposed site is north of existing Wangetti RT and maintenance will be carried out approximately 4.5 times over a year.



World Heritage Area - Wet Tropics

The proposed site is within a World Heritage Area (WHA), this area being Wet Tropics Zone C.

This section of the WHA has very high presentation values where the coastal ranges sweep down to the Coral Sea with very few signs of disturbance (apart from the Captain Cook highway and the hamlet of Wangetti). Prior to application preliminary on-ground assessments have occurred to properly address issues and the most suitable options determined.

The permit application assessment regarding the impact of the activity on the integrity of the WHA in terms of disturbance to vegetation, earth or watercourses, as well as community impacts and scenic amenity was submitted to Wet Tropics Managing Authority under the *Wet Tropics Management Plan 1998*.

5.4.2 Vegetation Management Act 1999 (VMA)

The Vegetation Management Act is to regulate the clearing of vegetation in a way that will conserve remnant vegetation that is an 'endangered' regional ecosystem, or an 'of concern' regional ecosystem or a 'least concern' regional ecosystem. It aims to conserve vegetation in declared areas, ensures that clearing does not cause land degradation, prevents the loss of biodiversity and maintains ecological processes. It manages the environmental effects of clearing, greenhouse gas emissions and allows for sustainable land use.

For this project, the proposed site is within Category B (Remnant Vegetation) area with a Vegetation Management Act area of concern overlay and a high risk of protected plants present.



5.4.3 State Development Assessment Provisions

The State Development Assessment Provisions (SDAP) sets out the matters of interest to the state for development assessment where the chief executive (administering the Sustainable Planning Act) is responsible for assessing or deciding development applications.

As this is a Material Change of Use, the below modules with reference tables may be impacted by the works/site location.

5.4.4 State assessment and Referral Agency

Module	Title	Relevant Code	Impacted by the works/site?
Module 1	Community Amenity	1.1, 1.2 & 1.3	Telecommunications facility – Performance Outcomes not relevant to scope of work/site.
Module 2	Regional Plans	2.1	Not within South East QLD regional plan. Outcomes not relevant to scope of works/site
Module 3	Aquaculture	3.1	Telecommunications facility – Performance Outcomes not relevant to scope of work/site.
Module 4	Environmentally relevant activities	4.1	Telecommunications facility – Performance Outcomes not relevant to scope of work/site.
Module 5	Fisheries resources	5.3	Telecommunications facility – Performance Outcomes not relevant to scope of work/site.
Module 6	Strategic Cropping Land	N/A	No longer within Table B.3
Module 7	Water resources	7.2	Site not within waterway/lake.
Module 8	Native Vegetation Clearing	8.1	Site is WITHIN an area with native vegetation. Refer to 6.4.1.1 for details
Module 9	Queensland Heritage	9.1	Site not listed in Queensland Heritage Register
Module 10	Coastal protection	10.1	Site is WITHIN a Coastal Protection area and adheres to acceptable outcomes. Refer 6.4.1.2 for details
Module 11	Wetland protection and wild river areas	N/A	No longer within Table B.3
Module 12	Contaminated land	N/A	No longer within Table B.3
Module 13	Major hazard facilities	13.1	Telecommunications facility – Performance Outcomes not relevant to scope of work/site.
Module 14	Maritime safety	Operational works only	N/A
Module 15	Airports	15.2	Telecommunications facility – Performance Outcomes not relevant to scope of work/site.
Module 16	Particular dams	Operational works only	N/A
Module 17	Public and active transport	17.1, 17.2, 17.3	Telecommunications facility – Performance Outcomes not relevant to scope of work/site.
Module 18	State transport infrastructure protection	18.1, 18.2, 18.3	No adverse impacts on the operation and structural integrity of state transport infrastructure expected. Refer to 6.4.1.3 for details
Module 19	State transport network functionality	19.1, 19.2, 19.3	Performance outcomes not relevant to scope of work/site. Refer to 6.4.1.4 for details



5.4.4.1 Native Vegetation Clearing:

Module 8, 8.1 Native Vegetation Clearing

The proposed development, being a material change / Reconfiguration of lot of use is assessed per Table 8.1.1 of Module 8: Native vegetation clearing (V1.6 – 6 July 2015).

In consideration to minimising the environmental impact Telstra has undertaken measures to avoid and minimise native vegetation clearing, through the use of existing tracks and cleared areas.

The site was a prudent and feasible selection as an existing access track will be used, and the development avoids large tree specimens or significant vegetation and habitat corridors.

5.4.4.2 Coastal Protection

Module 10, 10.1 Coastal Protection for all development

The proposed development is assessed against Table 10.1.1 of Module 10: Coastal Protection (V1.6 – 6 July 2015).

Telstra have taken into consideration the coastal hazards, ecological processes and the natural water cycle when selecting the location for a new facility so development and ongoing operations impose minimal impacts on the regionally significant and locally important natural coastal landscapes.

The proposed infrastructure is 500m from the coast line, does not significantly increase the severity of the coastal hazards and responds to the potential for damages on the premises or to other premises.

5.4.4.3 State Transport Infrastructure Protection

Module 18, State Transport Infrastructure Protection

The proposed development is assessed against part 18.1 Building and Structures state code, 18.2 filling and excavation state code and 18.3 Stormwater and drainage impacts on state transport infrastructure state code.

The proposed site is within the safety buffer zone of a state transport corridor. Due to the location surrounding vegetation sediment will filter from stormwater runoff before entering the drainage system. State's ability to construct, manage or maintain the infrastructure as required will not be impacted by the proposed Telecommunications facility and the development does not create any adverse impacts on the condition or operation of an existing or future state transport corridor.

5.4.4.4 State Transport network functionality Infrastructure Protection

Module 19, State Transport Network Functionality

The proposed development is assessed against 19.1 Access to state-controlled roads state code and 19.3 Transport infrastructure and network design state code

The proposed development does not adversely impact the safety, function and operational efficiency of the state controlled road

No additional access points will be required nor will traffic loadings be increased burdening the local network. Furthermore, planned upgrades of state transport infrastructure or the development of future state transport corridors.



5.4.5 State Planning Policy

5.4.5.1 Environment and Heritage – Biodiversity

The proposed site is within Matters of state environmental significance (MSES) – Regulated Vegetation area.

The diverse landscapes and extensive range of native wildlife contribute significantly to the state's economic security and support a lifestyle that attracts people and businesses to Queensland communities.

The proposed development considers all potential impacts that could reasonably be predicted to occur from all phases of the development to avoid or reduce the likelihood of a significant impact on the integrity of the location and surrounding habitat.

5.4.5.2 Environment and Heritage – Water Quality

The telecommunication site is within an area identified as Climatic Regions – stormwater management design objectives. The intended development will not increase the stormwater quality flow or create or expand non-tidal artificial waterways and the area do not contain acid sulphate soils

5.4.5.3 Hazards and Safety – Bush Fire Hazard Zone

The site is located within a High potential intensity to Very High potential intensity area. It is also adjacent to a Potential Bushfire Impact Buffer.

The proposed use of the site (telecommunications facility) will be unmanned therefore not increasing the number of persons living or working in the area, does not involve hazardous material and will not increase the risk or impact of a natural hazard.

5.4.6 Queensland Development Code

The Queensland Development Code (QDC) consolidates Queensland-specific building standards. The code covers Queensland matters outside the scope of, and in addition to, the Building Code of Australia.

The proposed Telecommunications Facility, being a Class 10b structure and not being within a flood hazard area or within a reticulated town water area, does not have any Queensland Development Codes that apply specifically to the proposal.

Part 1.0 – Siting and Amenity (Detached Housing and Duplexes)		
MP 1.1	Not Applicable	Class 10b
MP 1.2	Not Applicable	Class 10b
MP 1.3	Not Applicable	Class 10b
MP 1.4	Not Applicable	Not building over of near relevant infrastructure.
Part 2.0 – Fire Safety		
MP 2.1	Not Applicable	Class 10b
MP 2.2	Not Applicable	Class 10b
MP 2.3	Not Applicable	Class 10b
MP 2.4	Not Applicable	Class 10b
Part 3.0 – Special Buildings		
MP 3.1	Not Applicable	Telecommunications Facility
MP 3.2	Not Applicable	Telecommunications Facility



MP 3.3	Not Applicable	Telecommunications Facility
MP 3.4	Not Applicable	Telecommunications Facility
MP 3.5	Not Applicable	Not located within a Flood Hazard area
MP 3.6	Not Applicable	Telecommunications Facility
MP 3.7	Not Applicable	Telecommunications Facility
Part 4.0 – Building Sustainability		
MP 4.1	Not Applicable	Class 10b
MP 4.2	Not Applicable	Class 10b
MP 4.3	Not Applicable	Class 10b not associated or ancillary to a class 1-9 building
MP 4.4	Not Applicable	Class 10b
Part 5.0 – General health, safety and amenity		
MP 5.1	Not Applicable	Class 10b
MP 5.2	Not Applicable	Telecommunications Facility
MP 5.3	Not Applicable	Telecommunications Facility
MP 5.4	Not Applicable	Telecommunications Facility
MP 5.5	Not Applicable	Telecommunications Facility
MP 5.6	Not Applicable	Telecommunications Facility
MP 5.7	Not Applicable	Telecommunications Facility
MP 5.8	Not Applicable	Telecommunications Facility
Part 6.0 – Maintenance of Buildings		
MP 6.1	Not Applicable	Class 10b

5.5 Local Government Regulatory Framework

In addition to the Commonwealth and State government regulatory requirements, the proposed facility is also subject to the relevant Local Government regulatory framework.

The proposed development falls within the Far North QLD Regional Council area.

The Douglas Shire Planning Scheme allocates all land into zones. These categories provide the spatial context for the regulatory provisions of the Planning Scheme. The subject site falls within a No Zone area as it is within Road Reserve therefore the assessment will address the regulatory provisions for the surrounding zone, Conservation Zone Code.

5.5.1 Planning Scheme Assessment

As the form of development is Material change of use within a Conservation Zone, with a defined use of Telecommunication facilities (medium impact) our assessment category is Code Assessable. The applicable codes are Conservation Zone Code and the Telecommunication Facility Code.

The proposed use does not compromise the surrounding area, it is utilising a site that best balances the need to meet requirements not negatively impact the Ecological Sustainability of the region.

5.5.2 Desired Environmental Outcomes (DEOs)

The *Planning Scheme* DEOs for Douglas Shire are:

Development does not adversely affect the values of the Shire's natural environment including coastal areas, wet tropics, beaches, headlands, waterways, protected areas, undeveloped hill slopes, and areas of significant native vegetation, from any adverse effects accruing from clearing, soil degradation and pollution due to erosion and contamination, acidification, salinity, waste disposal and any modifications to natural processes.



The effects of the proposed development are not expected to impact areas preserved and protected for nature conservation, landscapes/scenic quality, biodiversity and habitat values. Ongoing impacts are expected to be minimal due to the nature of an unmanned site.

Development does not adversely affect the quality and quantum of water available for a range of consumptive uses throughout the Shire.

Risks to safety, property and the environment are not increased by the interaction of development and natural or other hazards, including flooding, bushfire, and disturbance of acid sulphate soils, storm surge, cyclonic weather events and landslide.

Opportunities for maintaining and improving community prosperity including primary industries from advancements in information technology and emerging business/industry trends are maximised.

Development protects the economic values of natural resources without compromising the Captain Cook Highway as the scenic entry corridor to the Shire.

The distinctive character and unique sense of the towns and villages and other settlement areas which form the identity of the shire including cultural, economic, scenic amenity, physical and social well being of the community is not compromised due to the development.

In assessing the proposal against the DEOs, the following points are made in demonstrating compliance:

The proposed facility aims to enhance the prosperity of the community through improved services.

- The proposed facility is not expected to significantly impact the value of the Shire's natural environment.
- The facility will be unmanned and as a result there will be no ongoing human interaction with the site, this will significantly reduce impacts on wildlife within in area and its surroundings.
- Located near existing community infrastructure the proposed facility is not expected to impact the traditional values connected to the area.
- The proposed facility does not result in any increase in the level of risk to the public who may participate in the management, protection, presentation and ecological sustainable activities in the area. The facility will be fenced to ensure public safety while not compromising the safety or availability of suitable habitat for endangered and valuable wildlife.
- Minimal earthworks will be done so the contour of the land is not changed significantly. Measures will be undertaken to manage run off during construction works and ensure the quantity of water will not be changed.
- No waterways are directly impacted.
- The development of a telecommunications facility in this area will allow for the provision of improved telecommunications for customers within the region.
- The proposed facility will be concealed from the highway and the nearby Rex Lookout
- All Telstra facility installations are designed and certified by qualified Professional Engineers in accordance with all relevant Australian Standards. This ensures that the proposed facility does not result in any increase in the level of risk to the public.

The development proposal is therefore considered to be broadly in accordance with the *Planning Scheme* DEOs.



5.5.3 Applicable Planning Scheme codes

Planning Scheme Codes:

Conservation Zone Code

Telecommunications Facility Code

5.5.3.1 Conservation Zone Code

The purpose of the Conservation Zone Code is to achieve the specific outcomes within the planning scheme.

In assessing the proposal, it has been found that the proposal complies with the Conservation Zone Code as shown below:

The site is situated more than 100m back from Captain Cook Highway therefore not impacting the scenic amenity values of the area.

The proposed facility is the minimum height required to achieve the desired objectives whilst also avoiding any unnecessary protruding above the forest canopy.

- The proposed development considers all potential impacts that could reasonably be predicted to occur to preserve the integrity of the location and surrounding habitat.
- Development procedures will be conducted in a manner that ensures minimal loss of native vegetation and minimal impacts on the habitat of native animals and on the environment. For instance the site selection considered limiting the extent of clearing required during development.

Building methods used for development on a sloping site are responsive to the site constraints.

- As a class 10B structure there is minimum interference with the natural water drainage pattern expected.
- Construction work will be carried out in a way to stop the entry of any pollution to the stormwater system.
- The facility will be unmanned and as a result there will be no ongoing human interaction with the site, this will significantly reduce impacts on wildlife within in area and its surroundings. The Cassowary populations within the area will especially benefit from the limited human interaction with the site as they have a fear of humans.
- Cultural heritage has been thoroughly investigated, and there are no known impacts expected to the site.

Accordingly, the development complies and is consistent with the provisos and do not conflict with the Conservation Zone Code.



5.5.3.2 Telecommunication Facility Code

The Telecommunication Facility Code seeks to:

1. Facilitate safe and effective provision of telecommunication servicing while minimising the potential impacts on the community and the environment.
2. In assessing the proposal against the relevant overall outcomes for the Telecommunications Facilities Code, the following points are made in demonstrating compliance:

The location of the proposed facility has been determined through a comprehensive analysis of the surrounding area which aims to meet Telstra's coverage objectives.

The proposed location is considered to be appropriately located away from sensitive land uses whilst implementing mitigation measures to reduce any potential visual impact.

The proposed facility is not expected to significantly impact visually as there is a natural barrier supplied by the surrounding vegetation.

During the day to day operation of the facility, there is no noise expected to be emitted therefore no significantly impact to neighbours or the general public.

No light or vibrations should be emitted from this facility during normal operations.

Radiation (also known as Electromagnetic Emissions or EME) meets the standards of the Australian Communications and Media Authority (ACMA). The proposed radio communications antennae will not provide any unsafe Electro Magnetic Emissions (EME) as stipulated under ARPANSA RPS3. New radio communication site management books (RCSMB) will be produced in accordance with Australian/New Zealand Standard AS/NZS ISO 9001:2000 (Quality management system - Requirements) certificate No. 8947 registered with NCSI Pty Ltd (NATA Certification Services International). All hazardous to public EME levels will be restricted to the aperture of the antennas and will present no uncontrolled workplace hazard.

Accordingly, the development complies and is consistent with the provisos and do not conflict with the Telecommunication Facility code.



6. Environmental Assessment

6.1 Visual amenity

Telstra has endeavoured to strike a balance between providing services and minimising any visual impact on the community and local environment.

It is not expected that the proposed facility will have a significant impact on the visual amenity of the area considering:

- the proposed facility is located off the road and therefore visibility of the facility would be reduced; and
- The proposed facility is in keeping with “best practices” and “industry standards”.

To further reduce the potential for visual impact of the proposed facility, the following measures have been incorporated into the proposal:

- The proposal has been designed at the minimum height and bulk in order to achieve Telstra’s coverage objectives;
- The existing telecommunications equipment shelter can be colour matched to the surroundings with a non-reflective paint to the satisfaction of Council.

6.2 Flora and fauna

The proposed facility is located on land identified under the Vegetation Management Act as a Category B (Remnant Vegetation) area.

The nature of the works, clearing of vegetation will be minimal and essential, and only done to establish the compound and maintain the existing access track. Clearing will be undertaken using methodology to minimise sediment, erosion and land degradation and as such the facility is not likely to have any notable impact on ‘regrowth or remnant vegetation’ or ‘least concern regional ecosystems’.

6.3 Heritage and environmental significance

A recent search of the Cultural Heritage Register and database administered by Department of Environment and Resource Management under the Aboriginal Cultural Heritage Act 2003 indicate there is no listed Aboriginal cultural heritage on site.

In addition to the site visit, in order to determine whether natural or cultural heritage values of state or national significance were associated with the site, searches were conducted of the following registers:

- Register of Environment Protection Biodiversity Conservation (EPBC) Act Protected Matters (administered by the Australian Department of Sustainability, Environment, Water, Population and Communities)
- Australian Heritage Database (A cooperative project between Commonwealth, State and Territory Governments).

The EPBC search established that Threatened Species or Species Habitat is likely to occur within the area. The EPBC search also established that there may be Invasive Species or Species Habitat likely to occur within the area.



Under the provisions of the EPBC Act Policy Statement 1.1 (Significant Impact Guidelines) the proponent can decide whether the proposed action will impact upon the matter of national environmental significance (NES). There are certain parameters in the policy to help determine whether the action proposed will have a significant impact. As such, the proponent has determined that the proposed development is minimal and complies with these parameters. Therefore, it will not have a significant impact on this EPBC Protected Area.

The AHD search established that there are no Heritage Places in the vicinity of the site.

Please see Appendix B for copies of the searches performed.

6.4 Noise and vibration emissions

Noise and vibration emissions associated with the proposed facility would be limited to the construction phase. It is expected that there would be some noise generated from construction vehicles and machinery. Noise generated during the construction phase would be of short duration and not likely to interfere with the general amenity of residences adjacent to the site or visitors utilising the site.

It is not expected that construction works would have any vibration impacts on the surrounding area. Minimal ongoing noise is expected to be emitted by this facility.

6.5 Public health and safety

All Telstra facility installations are designed and certified by qualified professional engineers in accordance with relevant Australian Standards. This ensures that the proposed facility does not result in any increase in the level of risk to the public.

6.5.1 Electromagnetic Emissions (EME)

The Australian Communications and Media Authority (ACMA) mandates exposure limits for continuous exposure of the general public to Radio Frequency Electro Magnetic Emissions (RF EME). All radio communications systems use EME in the radiofrequency (RF) part of the electromagnetic spectrum between 3 kilohertz (kHz) and 300 gigahertz (GHz). These include TV, AM and FM radio broadcasting, mobile phones and their base stations, paging services, cordless phones, baby monitors, and emergency and rural communications systems.

Mobile communications and other radiofrequency signal transmissions, safety standard limits are specified in the Australian Radiation Protection and Nuclear Safety Agency (ARPANSA) in the Commonwealth Department of Health and Ageing.

Safety standards are based on careful analysis of the scientific literature (both thermal and non-thermal effects) and are designed to offer protection against identified health effects of EME with a large in-built safety margin.

Since 2002 Australia's safety standard for electromagnetic emissions has been based on the safety standard recommended by the World Health Organization (WHO). This safety standard has also been adopted by the United States, United Kingdom and European Union. The proposed radio communications antennae will not provide any unsafe Electro Magnetic Emissions (EME) as stipulated under ARPANSA RPS3. New radio communication site management books (RCSMB) will be produced in accordance with Australian/New Zealand Standard AS/NZS ISO 9001:2000 (Quality management system - Requirements) certificate No. 8947 registered with NCSI Pty Ltd (NATA Certification Services International).



All hazards to public EME levels will be restricted to the aperture of the antennas and will present no uncontrolled workplace hazard.

6.5.2 Health and Safety during Construction

Telstra Network Construction staff and its contractors will follow all applicable industry standards in the installation of the facility. Care and appropriate precautions will be taken at all times to ensure safety.

At no time during the installation, operation or maintenance, will the equipment pose any danger or risk to the public in the surrounding area.

6.6 Effect on other transmission frequencies

The proposed facility would operate at a unique frequency allocated by the Federal Government. In addition, the facility operates on a low power output. Consequently, its operation would have no effect on the operation of any other transmission frequencies including AM/FM radio, television, satellite, Sky channel, CB, amateur or any emergency service frequency.

7. Conclusion

A detailed assessment of the proposed development has been undertaken with a view to ensuring that the proposal complies with relevant Commonwealth, State and Local planning policies and procedures.

During the design phase, integrated industry standards and best practice procedures have been included.

The proposed use is compatible to the surrounding land uses and will not significantly decrease the general amenity of the area nor have a detrimental impact on the local environment.

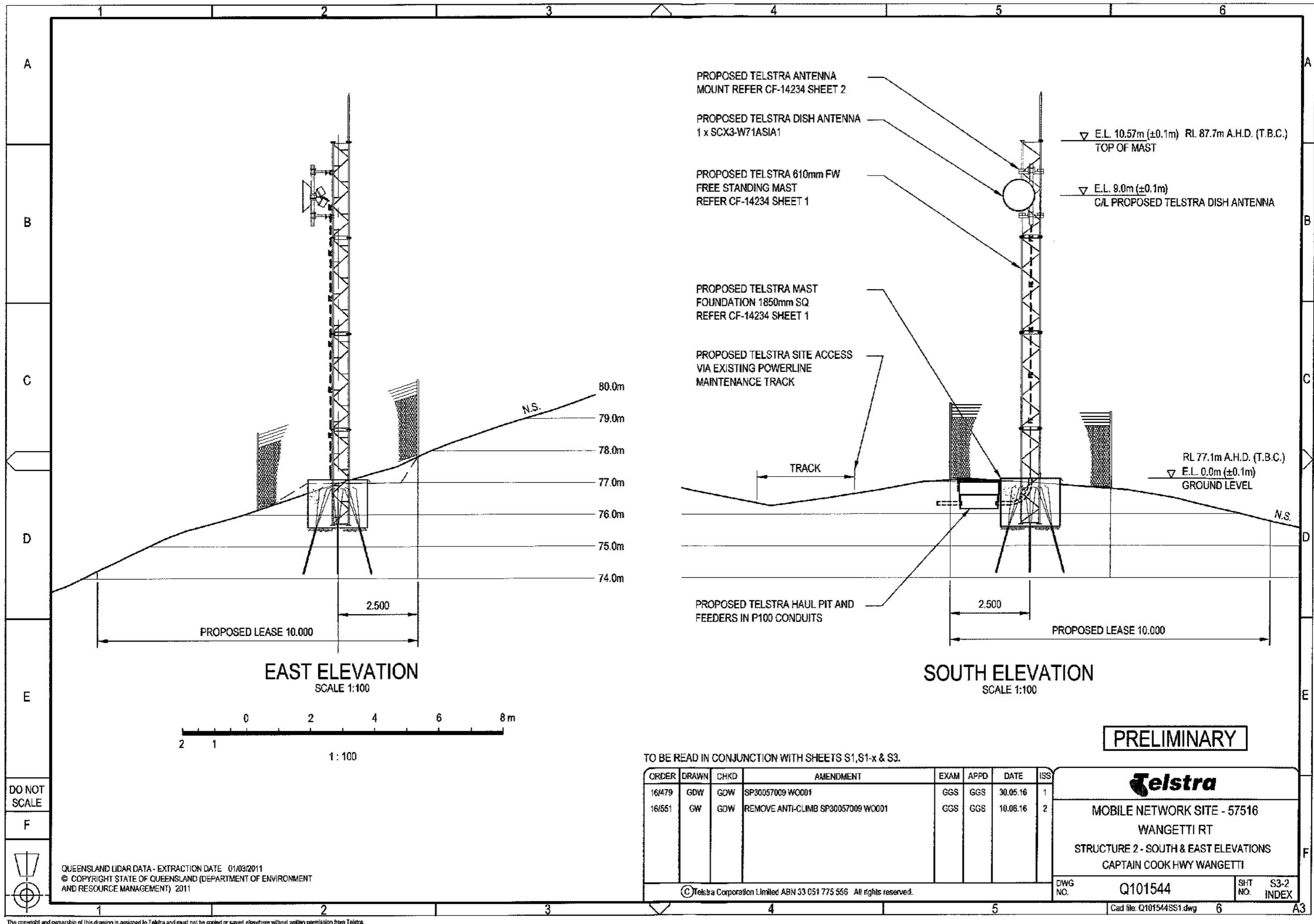
The proposed telecommunications facility is an essential modification in the existing network to provide the customers within this regional area required telecommunication services.

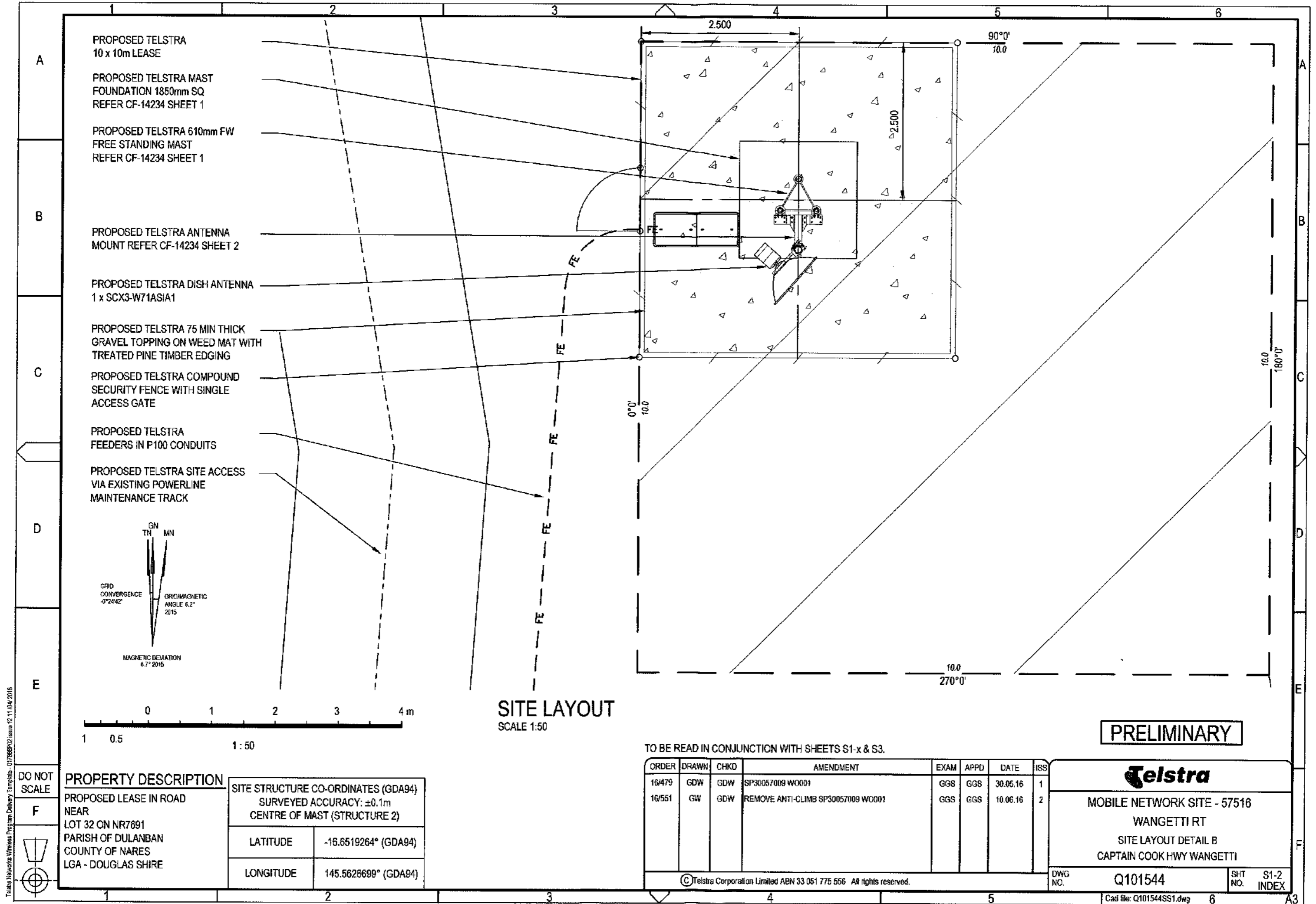
It is therefore respectfully requested that Council grant a permit to support this development application.

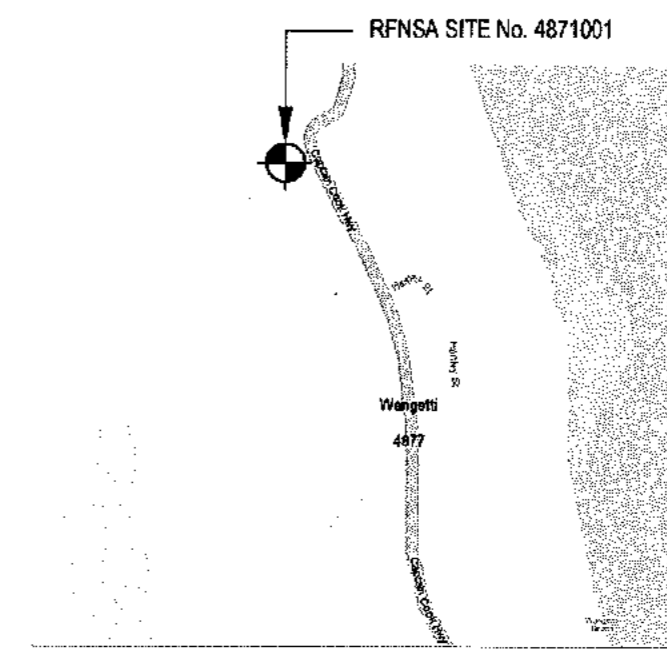
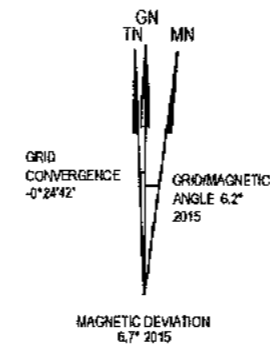
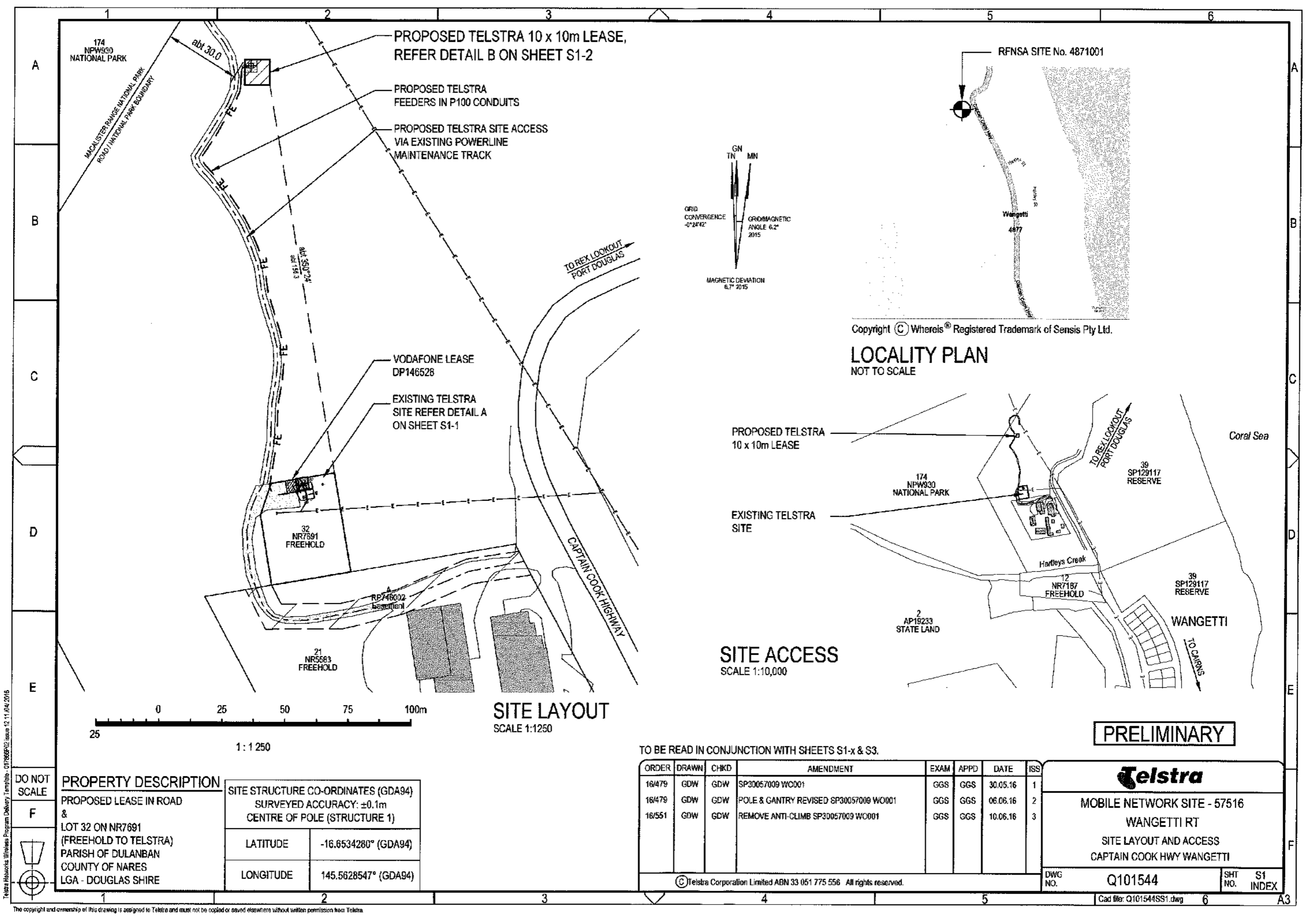


Appendix A - Drawings of Proposal

Q101544 – Sheet G1 Site Tenure Plan	25
Q101544 – Sheet S1 Site Layout and Access	26
Q101544 – Sheet 1-2 Site Layout, Detail B	27
Q101544 – Sheet S3 Elevations	28



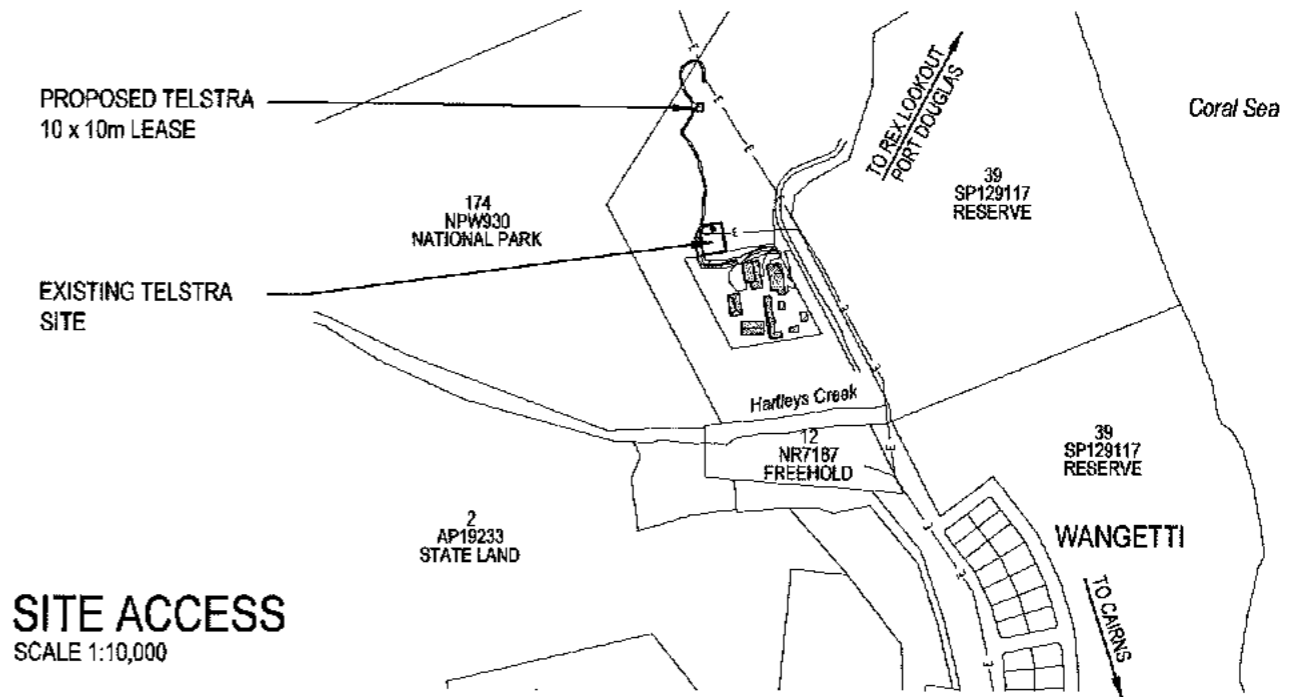




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LOCALITY PLAN

NOT TO SCALE



SITE ACCESS

SCALE 1:10,000

PRELIMINARY

DO NOT SCALE

F



PROPERTY DESCRIPTION

PROPOSED LEASE IN ROAD & LOT 32 ON NR7691 (FREEHOLD TO TELSTRA) PARISH OF DULANBAN COUNTY OF NARES LGA - DOUGLAS SHIRE

SITE STRUCTURE CO-ORDINATES (GDA94)
SURVEYED ACCURACY: ±0.1m
CENTRE OF POLE (STRUCTURE 1)

LATITUDE	-16.6534280° (GDA94)
LONGITUDE	145.5628547° (GDA94)

TO BE READ IN CONJUNCTION WITH SHEETS S1-x & S3.

ORDER	DRAWN	CHKD	AMENDMENT	EXAM	APPD	DATE	ISS
16/479	GDW	GDW	SP30057009 WO001	GGG	GGG	30.05.16	1
16/479	GDW	GDW	POLE & GANTRY REVISED SP30057009 WO001	GGG	GGG	06.06.16	2
16/551	GDW	GDW	REMOVE ANTI-CLIMB SP30057009 WO001	GGG	GGG	10.06.16	3

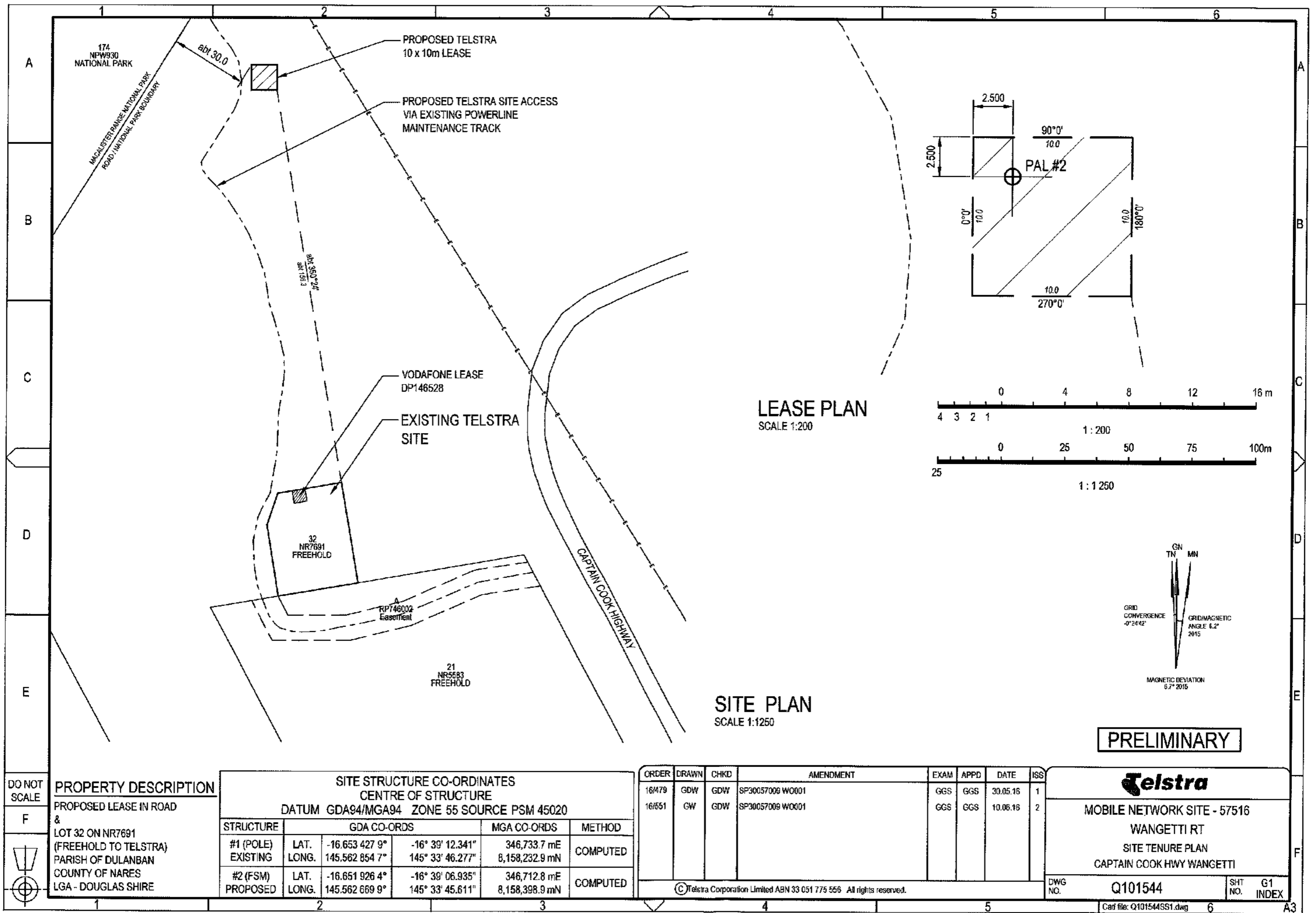
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MOBILE NETWORK SITE - 57516
WANGETTI RT
SITE LAYOUT AND ACCESS
CAPTAIN COOK HWY WANGETTI

DWG NO.	Q101544	SHT NO.	S1	INDEX
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Cad file: Q101544S1.dwg





Appendix B - Environmental Searches

EPBC Report	30
AHD Report	42
Aboriginal Cultural Heritage Results	44



EPBC Act Protected Matters Report

This report provides general guidance on matters of national environmental significance and other matters protected by the EPBC Act in the area you have selected.

Information on the coverage of this report and qualifications on data supporting this report are contained in the caveat at the end of the report.

Information is available about [Environment Assessments](#) and the EPBC Act including significance guidelines, forms and application process details.

Report created: 07/03/16 11:43:00

Summary

Details

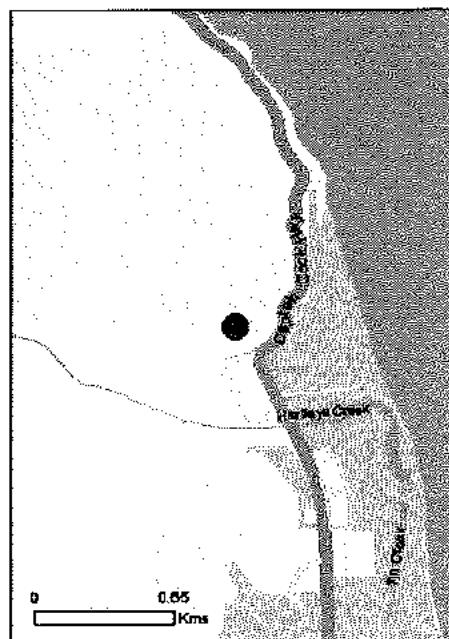
Matters of NES

Other Matters Protected by the EPBC Act

Extra Information

Caveat

Acknowledgements



This map may contain data which are
©Commonwealth of Australia
(Geoscience Australia), ©PSMA 2010

Coordinates

Buffer: 0.05Kms



Summary

Matters of National Environmental Significance

This part of the report summarises the matters of national environmental significance that may occur in, or may relate to, the area you nominated. Further information is available in the detail part of the report, which can be accessed by scrolling or following the links below. If you are proposing to undertake an activity that may have a significant impact on one or more matters of national environmental significance then you should consider the [Administrative Guidelines on Significance](#).

<u>World Heritage Properties:</u>	1	← Wet Tropics of Queensland, No significant impact expected
<u>National Heritage Places:</u>	2	← Wet Tropics of Queensland (Natural & Indigenous), No significant impact expected
<u>Wetlands of International Importance:</u>	None	
<u>Great Barrier Reef Marine Park:</u>	None	
<u>Commonwealth Marine Area:</u>	None	
<u>Listed Threatened Ecological Communities:</u>	None	
<u>Listed Threatened Species:</u>	21	
<u>Listed Migratory Species:</u>	18	← no significant impact expected

Other Matters Protected by the EPBC Act

This part of the report summarises other matters protected under the Act that may relate to the area you nominated. Approval may be required for a proposed activity that significantly affects the environment on Commonwealth land, when the action is outside the Commonwealth land, or the environment anywhere when the action is taken on Commonwealth land. Approval may also be required for the Commonwealth or Commonwealth agencies proposing to take an action that is likely to have a significant impact on the environment anywhere.

The EPBC Act protects the environment on Commonwealth land, the environment from the actions taken on Commonwealth land, and the environment from actions taken by Commonwealth agencies. As heritage values of a place are part of the 'environment', these aspects of the EPBC Act protect the Commonwealth Heritage values of a Commonwealth Heritage place. Information on the new heritage laws can be found at <http://www.environment.gov.au/heritage>

A [permit](#) may be required for activities in or on a Commonwealth area that may affect a member of a listed threatened species or ecological community, a member of a listed migratory species, whales and other cetaceans, or a member of a listed marine species.

<u>Commonwealth Land:</u>	None	
<u>Commonwealth Heritage Places:</u>	None	
<u>Listed Marine Species:</u>	21	← no significant impact expected
<u>Whales and Other Cetaceans:</u>	None	
<u>Critical Habitats:</u>	None	
<u>Commonwealth Reserves Terrestrial:</u>	None	
<u>Commonwealth Reserves Marine:</u>	None	

Extra Information

This part of the report provides information that may also be relevant to the area you have nominated.

<u>State and Territory Reserves:</u>	1	← No significant impact expected as site is within the road reserve and outside Macalister Range National Park
<u>Regional Forest Agreements:</u>	None	
<u>Invasive Species:</u>	27	
<u>Nationally Important Wetlands:</u>	None	
<u>Key Ecological Features (Marine)</u>	None	

Details

Matters of National Environmental Significance

World Heritage Properties

[Resource Information]

Name	State	Status
<u>Wet Tropics of Queensland</u>	QLD	Declared property

National Heritage Properties

[Resource Information]

Name	State	Status
Natural		
<u>Wet Tropics of Queensland</u>	QLD	Listed place
Indigenous		
<u>Wet Tropics World Heritage Area (Indigenous Values)</u>	QLD	Within listed place

Listed Threatened Species

[Resource Information]

Name	Status	Type of Presence
Birds		
<u>Casuarius casuarius johnsonii</u>		
Southern Cassowary (Australian), Southern Cassowary [25986]	Endangered	Species or species habitat likely to occur within area
<u>Erythrotriorchis radiatus</u>		
Red Goshawk [942]	Vulnerable	Species or species habitat likely to occur within area
<u>Rostratula australis</u>		
Australian Painted Snipe [77037]	Endangered	Species or species habitat may occur within area
<u>Tyto novaehollandiae kimberli</u>		
Masked Owl (northern) [26048]	Vulnerable	Species or species habitat likely to occur within area
Frogs		
<u>Litoria dayi</u>		
Australian Lace-lid, Lace-eyed Tree Frog [86707]	Endangered	Species or species habitat likely to occur within area
<u>Litoria nannotis</u>		
Waterfall Frog, Torrent Tree Frog [1817]	Endangered	Species or species habitat may occur within area
<u>Litoria rheocola</u>		
Common Mistfrog [1802]	Endangered	Species or species habitat likely to occur within area
Mammals		
<u>Dasyurus hallucatus</u>		
Northern Quoll [331]	Endangered	Species or species habitat likely to occur within area
<u>Hipposideros semoni</u>		
Semon's Leaf-nosed Bat, Greater Wart-nosed Horseshoe-bat [180]	Endangered	Species or species habitat may occur within area
<u>Mesembriomys gouldii rattioides</u>		
Black-footed Tree-rat (north Queensland) [87620]	Vulnerable	Species or species habitat may occur within area

Name	Status	Type of Presence
<u>Phascogale carterii</u> Koala (combined populations of Queensland, New South Wales and the Australian Capital Territory) [85104]	Vulnerable	Species or species habitat may occur within area
<u>Pteropus conspicillatus</u> Spectacled Flying-fox [185]	Vulnerable	Species or species habitat likely to occur within area
<u>Rhinolophus robertsi</u> Large-eared Horseshoe Bat, Greater Large-eared Horseshoe Bat [87639]	Endangered	Species or species habitat may occur within area
<u>Saccolaimus saccolaimus nudiclunialis</u> Bare-rumped Sheath-tail Bat (Qld) [66889]	Critically Endangered	Species or species habitat likely to occur within area
<u>Xeromys myoides</u> Water Mouse, False Water Rat, Yirrkoo [66]	Vulnerable	Species or species habitat may occur within area

Plants		
<u>Calanthe mareebensis</u> [8635]	Endangered	Species or species habitat may occur within area
<u>Canarium acutifolium</u> [23956]	Vulnerable	Species or species habitat may occur within area
<u>Dendrobium bigibbum</u> Cooktown Orchid [10306]	Vulnerable	Species or species habitat may occur within area
<u>Phaius australis</u> Lesser Swamp-orchid [5872]	Endangered	Species or species habitat may occur within area
<u>Vappodes lithocola</u> Dwarf Butterfly Orchid, Cooktown Orchid [78893]	Endangered	Species or species habitat may occur within area
<u>Vappodes phalaenopsis</u> Cooktown Orchid [78894]	Vulnerable	Species or species habitat may occur within area

Listed Migratory Species

[Resource Information]

* Species is listed under a different scientific name on the EPBC Act - Threatened Species list.

Name	Threatened	Type of Presence
Migratory Marine Birds		
<u>Apus pacificus</u> Fork-tailed Swift [678]		Species or species habitat likely to occur within area
<u>Sterna albifrons</u> Little Tern [813]		Species or species habitat may occur within area
Migratory Marine Species		
<u>Crocodylus porosus</u> Salt-water Crocodile, Estuarine Crocodile [1774]		Species or species habitat likely to occur within area
Migratory Terrestrial Species		
<u>Cuculus optatus</u> Oriental Cuckoo, Horsfield's Cuckoo [86651]		Species or species habitat may occur within area
<u>Hirundapus caudacutus</u> White-throated Needletail [682]		Species or species habitat likely to occur within area

Name	Threatened	Type of Presence
<u>Hirundo rustica</u> Barn Swallow [662]		Species or species habitat likely to occur within area
<u>Merops ornatus</u> Rainbow Bee-eater [670]		Species or species habitat may occur within area
<u>Monarcha melanopsis</u> Black-faced Monarch [609]		Species or species habitat known to occur within area
<u>Monarcha trivirgatus</u> Spectacled Monarch [610]		Species or species habitat known to occur within area
<u>Motacilla flava</u> Yellow Wagtail [644]		Species or species habitat likely to occur within area
<u>Myiagra cyanoleuca</u> Satin Flycatcher [612]		Species or species habitat likely to occur within area
<u>Rhipidura rufifrons</u> Rufous Fantail [592]		Species or species habitat known to occur within area
Migratory Wetlands Species		
<u>Ardea alba</u> Great Egret, White Egret [59541]		Species or species habitat likely to occur within area
<u>Ardea ibis</u> Cattle Egret [59542]		Species or species habitat may occur within area
<u>Gallinago hardwickii</u> Latham's Snipe, Japanese Snipe [863]		Species or species habitat may occur within area
<u>Limosa lapponica</u> Bar-tailed Godwit [844]		Species or species habitat likely to occur within area
<u>Pandion haliaetus</u> Osprey [952]		Species or species habitat known to occur within area
<u>Tringa nebularia</u> Common Greenshank, Greenshank [832]		Species or species habitat likely to occur within area

Other Matters Protected by the EPBC Act

Listed Marine Species		[Resource Information]
* Species is listed under a different scientific name on the EPBC Act - Threatened Species list.		
Name	Threatened	Type of Presence
Birds		
<u>Anseranas semipalmata</u> Magpie Goose [978]		Species or species habitat may occur within area
<u>Apus pacificus</u> Fork-tailed Swift [678]		Species or species habitat likely to occur within area

Name	Threatened	Type of Presence
<u>Ardea alba</u> Great Egret, White Egret [59541]		Species or species habitat likely to occur within area
<u>Ardea ibis</u> Cattle Egret [59542]		Species or species habitat may occur within area
<u>Cuculus saturatus</u> Oriental Cuckoo, Himalayan Cuckoo [710]		Species or species habitat may occur within area
<u>Gallinago hardwickii</u> Latham's Snipe, Japanese Snipe [863]		Species or species habitat may occur within area
<u>Haliaeetus leucogaster</u> White-bellied Sea-Eagle [943]		Species or species habitat known to occur within area
<u>Hirundapus caudacutus</u> White-throated Needletail [682]		Species or species habitat likely to occur within area
<u>Hirundo rustica</u> Barn Swallow [662]		Species or species habitat likely to occur within area
<u>Limosa lapponica</u> Bar-tailed Godwit [844]		Species or species habitat likely to occur within area
<u>Merops ornatus</u> Rainbow Bee-eater [670]		Species or species habitat may occur within area
<u>Monarcha melanopsis</u> Black-faced Monarch [609]		Species or species habitat known to occur within area
<u>Monarcha trivirgatus</u> Spectacled Monarch [610]		Species or species habitat known to occur within area
<u>Motacilla flava</u> Yellow Wagtail [644]		Species or species habitat likely to occur within area
<u>Myiagra cyanoleuca</u> Satin Flycatcher [612]		Species or species habitat likely to occur within area
<u>Pandion haliaetus</u> Osprey [952]		Species or species habitat known to occur within area
<u>Rhipidura rufifrons</u> Rufous Fantail [592]		Species or species habitat known to occur within area
<u>Rostratula benghalensis</u> (sensu lato) Painted Snipe [889]	Endangered*	Species or species habitat may occur within area
<u>Sterna albifrons</u> Little Tern [813]		Species or species habitat may occur within area
<u>Tringa nebularia</u> Common Greenshank, Greenshank [832]		Species or species habitat likely to occur within area

Reptiles - [Species Accounts of Reptiles of the State of Karnataka](#), [Biodiversity of Karnataka](#), [Karnataka Biodiversity Status Report 2011](#)

Name	Threatened	Type of Presence
<u>Crocodylus porosus</u> Salt-water Crocodile, Estuarine Crocodile [1774]		Species or species habitat likely to occur within area

Extra Information

State and Territory Reserves	[Resource Information]
Name Macalister Range	State QLD

Invasive Species	[Resource Information]
Weeds reported here are the 20 species of national significance (WoNS), along with other introduced plants that are considered by the States and Territories to pose a particularly significant threat to biodiversity. The following feral animals are reported: Goat, Red Fox, Cat, Rabbit, Pig, Water Buffalo and Cane Toad. Maps from Landscape Health Project, National Land and Water Resources Audit, 2001.	

Name	Status	Type of Presence
Birds		
<i>Acridotheres tristis</i> Common Myna, Indian Myna [387]		Species or species habitat likely to occur within area
<i>Anas platyrhynchos</i> Mallard [974]		Species or species habitat likely to occur within area
<i>Columba livia</i> Rock Pigeon, Rock Dove, Domestic Pigeon [803]		Species or species habitat likely to occur within area
<i>Lonchura punctulata</i> Nutmeg Mannikin [399]		Species or species habitat likely to occur within area
<i>Passer domesticus</i> House Sparrow [405]		Species or species habitat likely to occur within area
<i>Streptopelia chinensis</i> Spotted Turtle-Dove [780]		Species or species habitat likely to occur within area
<i>Sturnus vulgaris</i> Common Starling [389]		Species or species habitat likely to occur within area
Frogs		
<i>Rhinella marina</i> Cane Toad [83218]		Species or species habitat likely to occur within area
Mammals		
<i>Bos taurus</i> Domestic Cattle [16]		Species or species habitat likely to occur within area

Name	Status	Type of Presence
<i>Felis catus</i> Cat, House Cat, Domestic Cat [19]		Species or species habitat likely to occur within area
Feral deer Feral deer species in Australia [85733]		Species or species habitat likely to occur within area
<i>Mus musculus</i> House Mouse [120]		Species or species habitat likely to occur within area
<i>Rattus norvegicus</i> Brown Rat, Norway Rat [83]		Species or species habitat likely to occur within area
<i>Rattus rattus</i> Black Rat, Ship Rat [84]		Species or species habitat likely to occur within area
<i>Sus scrofa</i> Pig [6]		Species or species habitat likely to occur within area
Plants		
<i>Andropogon gayanus</i> Gamba Grass [66895]		Species or species habitat likely to occur within area
<i>Annona glabra</i> Pond Apple, Pond-apple Tree, Alligator Apple, Bullock's Heart, Cherimoya, Monkey Apple, Bobwood, Corkwood [6311]		Species or species habitat likely to occur within area
<i>Cabomba caroliniana</i> Cabomba, Fanwort, Carolina Watershield, Fish Grass, Washington Grass, Watershield, Carolina Fanwort, Common Cabomba [5171]		Species or species habitat likely to occur within area
<i>Cenchrus ciliaris</i> Buffel-grass, Black Buffel-grass [20213]		Species or species habitat may occur within area
<i>Cryptostegia grandiflora</i> Rubber Vine, Rubbervine, India Rubber Vine, India Rubbervine, Palay Rubbervine, Purple Allamanda [18913]		Species or species habitat likely to occur within area
<i>Hymenachne amplexicaulis</i> Hymenachne, Olive Hymenachne, Water Stargrass, West Indian Grass, West Indian Marsh Grass [31754]		Species or species habitat likely to occur within area
<i>Jatropha gossypifolia</i> Cotton-leaved Physic-Nut, Bellyache Bush, Cotton-leaf Physic Nut, Cotton-leaf Jatropha, Black Physic Nut [7507]		Species or species habitat likely to occur within area
<i>Lantana camara</i> Lantana, Common Lantana, Kamara Lantana, Large-leaf Lantana, Pink Flowered Lantana, Red Flowered Lantana, Red-Flowered Sage, White Sage, Wild Sage [10892]		Species or species habitat likely to occur within area
<i>Salvinia molesta</i> Salvinia, Giant Salvinia, Aquarium Watermoss, Kariba Weed [13665]		Species or species habitat likely to occur within area
Reptiles		
<i>Hemidactylus frenatus</i> Asian House Gecko [1708]		Species or species habitat likely to occur within area
<i>Lepidodactylus lugubris</i> Mourning Gecko [1712]		Species or species habitat likely to occur within area
<i>Ramphotyphlops braminus</i> Flowerpot Blind Snake, Brahminy Blind Snake,		Species or species

Name
Cacing Besi [1258]

Status

Type of Presence
habitat likely to occur within
area

Caveat

The information presented in this report has been provided by a range of data sources as acknowledged at the end of the report.

This report is designed to assist in identifying the locations of places which may be relevant in determining obligations under the Environment Protection and Biodiversity Conservation Act 1999. It holds mapped locations of World and National Heritage properties, Wetlands of International and National Importance, Commonwealth and State/Territory reserves, listed threatened, migratory and marine species and listed threatened ecological communities. Mapping of Commonwealth land is not complete at this stage. Maps have been collated from a range of sources at various resolutions.

Not all species listed under the EPBC Act have been mapped (see below) and therefore a report is a general guide only. Where available data supports mapping, the type of presence that can be determined from the data is indicated in general terms. People using this information in making a referral may need to consider the qualifications below and may need to seek and consider other information sources.

For threatened ecological communities where the distribution is well known, maps are derived from recovery plans, State vegetation maps, remote sensing imagery and other sources. Where threatened ecological community distributions are less well known, existing vegetation maps and point location data are used to produce indicative distribution maps.

For species where the distributions are well known, maps are digitised from sources such as recovery plans and detailed habitat studies. Where appropriate, core breeding, foraging and roosting areas are indicated under 'type of presence'. For species whose distributions are less well known, point locations are collated from government wildlife authorities, museums, and non-government organisations; bioclimatic distribution models are generated and these validated by experts. In some cases, the distribution maps are based solely on expert knowledge.

Only selected species covered by the following provisions of the EPBC Act have been mapped:

- migratory and
- marine

The following species and ecological communities have not been mapped and do not appear in reports produced from this database:

- threatened species listed as extinct or considered as vagrants
- some species and ecological communities that have only recently been listed
- some terrestrial species that overfly the Commonwealth marine area
- migratory species that are very widespread, vagrant, or only occur in small numbers

The following groups have been mapped, but may not cover the complete distribution of the species:

- non-threatened seabirds which have only been mapped for recorded breeding sites
- seals which have only been mapped for breeding sites near the Australian continent

Such breeding sites may be important for the protection of the Commonwealth Marine environment.

Coordinates

-16.65188 145.56269

Acknowledgements

This database has been compiled from a range of data sources. The department acknowledges the following custodians who have contributed valuable data and advice:

- Office of Environment and Heritage, New South Wales
- Department of Environment and Primary Industries, Victoria
- Department of Primary Industries, Parks, Water and Environment, Tasmania
- Department of Environment, Water and Natural Resources, South Australia
- Parks and Wildlife Commission NT, Northern Territory Government
- Department of Environmental and Heritage Protection, Queensland
- Department of Parks and Wildlife, Western Australia
- Environment and Planning Directorate, ACT
- Birdlife Australia
- Australian Bird and Bat Banding Scheme
- Australian National Wildlife Collection
- Natural history museums of Australia
- Museum Victoria
- Australian Museum
- South Australian Museum
- Queensland Museum
- Online Zoological Collections of Australian Museums
- Queensland Herbarium
- National Herbarium of NSW
- Royal Botanic Gardens and National Herbarium of Victoria
- Tasmanian Herbarium
- State Herbarium of South Australia
- Northern Territory Herbarium
- Western Australian Herbarium
- Australian National Herbarium, Atherton and Canberra
- University of New England
- Ocean Biogeographic Information System
- Australian Government, Department of Defence
- Forestry Corporation, NSW
- Geoscience Australia
- CSIRO
- Other groups and individuals

The Department is extremely grateful to the many organisations and individuals who provided expert advice and information on numerous draft distributions.

Please feel free to provide feedback via the [Contact Us](#) page.

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Department of the Environment
GPO Box 787
Canberra ACT 2601 Australia
+61 2 6274 1111

Search Results

No results found.

Enter at least one search criterion.

[Search Hints](#)

Wangetti RT
Investigate new site for structure 2
No heritage results found in Wangetti.

<input type="button" value="Search"/>		<input type="button" value="Reset form"/>
Place name <input type="text"/>		
Street name <input type="text"/>		
Town or suburb wangetti	State Queensland <input type="button" value="v"/>	
Country <input type="text"/>		

Advanced search options

List All Lists <input type="button" value="v"/>		
<i>Different lists will provide different status and class options</i>		
Local Government Area <input type="text"/>	Place ID number <input type="text"/>	
Legal status --All-- <input type="button" value="v"/>	Class --All-- <input type="button" value="v"/>	
Keyword Search <input type="text"/>		
<input checked="" type="checkbox"/> Description	<input checked="" type="checkbox"/> Statement of Significance	<input checked="" type="checkbox"/> Place history
<u>Latitude/Longitude</u>		
N		
Latitude 1		
Longitude 1	<input type="text"/>	S
W	<input type="text"/>	E
Latitude 2		
	<input type="text"/>	S
S		
<input type="radio"/> Wholly within region		
<input checked="" type="radio"/> Wholly or partially within region		
<i>Longitude coordinates should be entered as ddd.mm.ss</i>		
<i>Latitude coordinates should be entered as dd.mm.ss</i>		
Map Ref No <input type="text"/>		
1:100,000 eg 2357		
1:250,000 eg SF-50-01		

[Search Hints](#)



Queensland Government

Department of Aboriginal and Torres Strait Islander Partnerships

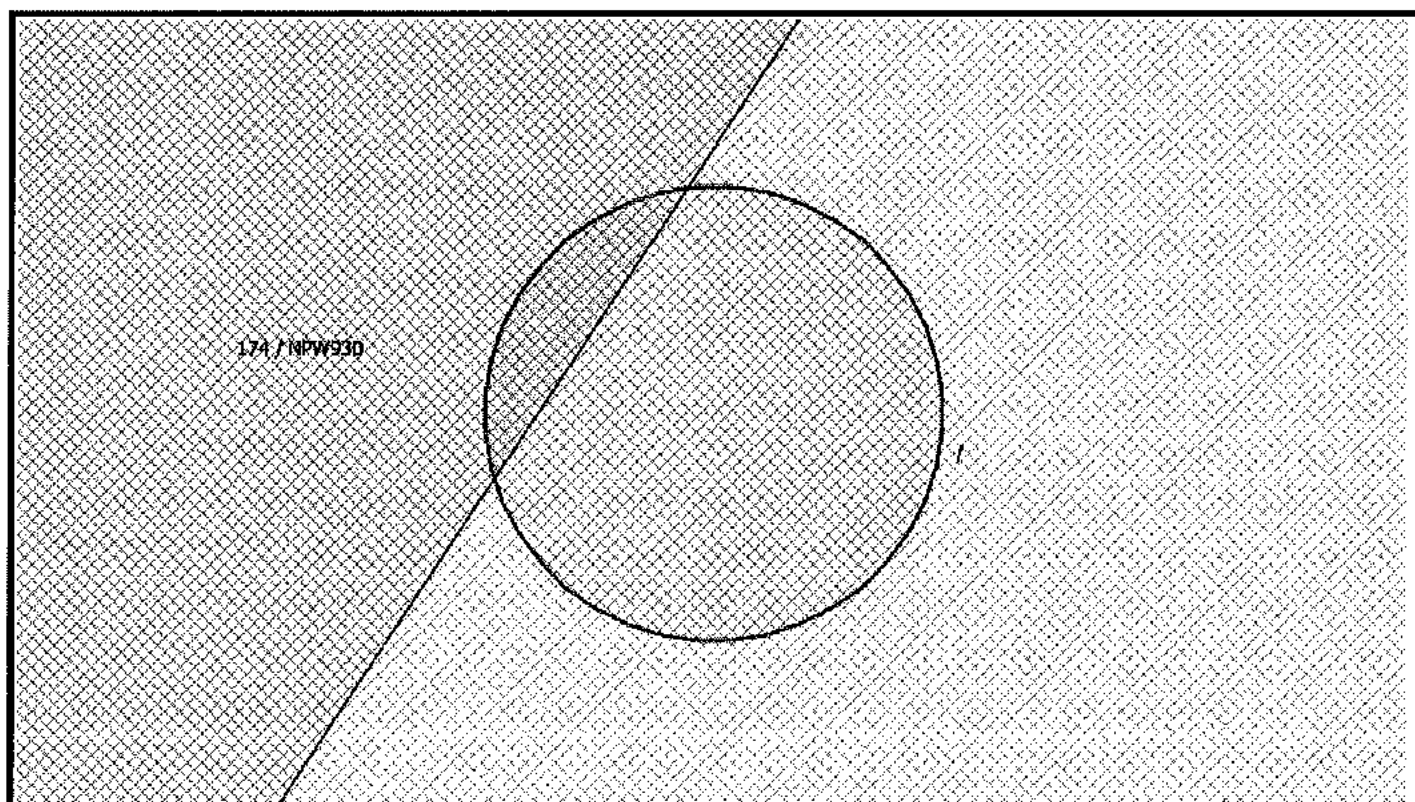
Wangetti RT

New site - Wangetti RT, Structure 2

No records of Indigenous Cultural Heritage found

Latitude/Longitude Search

Reference Number:	7360
Latitude:	-16.651880
Longitude:	145.562690
Buffer Distance:	50 metres



There are no Aboriginal cultural heritage site points recorded in your specific search area.

There are no Aboriginal cultural heritage site polygons recorded in your specific search area.

07/03/2016 3:11 pm



Latitude/Longitude Search

Cultural heritage party for the area is:

QC Ref Number	QUD Ref Number	Party Name	Contact Details
QC2012/015	QUD602/2012	Yirrganydji (Irukandji) People	Yirrganydji Gurabana Aboriginal Corporation c/- Ms Jeanette Singleton PO Box 717 MANUNDA QLD 4870 Phone: (07) 4032 4854 Fax: (07) 4032 1890 Email: yirrganydjigurabana@gmail.com
QC2015/005	QUD398/2015	Djabugay-Bulway-Yirrgay-Nyakali-Guluy People	Gregory Bell North Queensland Land Council 61 Anderson Street MANUNDA QLD 4870 Phone: 07 4042 7000 Fax: 07 4042 7033

Cultural heritage body for the area is:

Name	Contact Details
Yirrganydji Gurabana Aboriginal Corporation	Ms Jeanette Singleton Chairperson PO Box 717 Manunda QLD 4870 Phone: (07) 4032 4854 Fax: (07) 4032 1890 Email: yirrganydjigurabana@gmail.com

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 in your specific search area.



Queensland Government
Department of Aboriginal and Torres Strait Islander Partnerships

Latitude/Longitude Search

Regional Coordinator:

Name	Position	Phone	Mobile	Email
Leigh Preston	Cultural Heritage Coordinator North Region	07 4799 7562	0427 142 782	Leigh.Preston@atsip.qld.gov.au

07/03/2016 3:11 pm



Queensland Government

Department of Aboriginal and Torres Strait Islander Partnerships

Latitude/Longitude Search

I refer to your application in which you requested advice on Aboriginal cultural heritage places recorded on the above location.

The Cultural Heritage Database and Register search has been completed and I would like to advise that no Aboriginal cultural heritage is currently recorded in your specific search area, from the data provided by you. However, it is probable that the absence of recorded Aboriginal cultural heritage places reflects a lack of previous cultural heritage surveys of the area. Therefore, our records are not likely to reflect a true picture of the Aboriginal cultural heritage values of the area.

I note that, pursuant to the Cultural Heritage Duty of Care Guidelines, you have advised that the proposed activity is a 'Category 5 activity'. As such, I take this opportunity to remind you that in accordance with those Guidelines:-

Where an activity is proposed under category 5 there is generally a high risk that it could harm Aboriginal cultural heritage. In these circumstances, the activity should not proceed without cultural heritage assessment.

Where an activity is proposed under category 5, it is necessary to notify the Aboriginal Party and seek:

- (a) Advice as to whether the feature constitutes Aboriginal cultural heritage; and
- (b) If it does, agreement as to how best the activity may be managed to avoid or minimise harm to any Aboriginal cultural heritage.

I remind you also that the extent to which the person has complied with Cultural Heritage Duty of Care Guidelines and the extent to which the person consulted with Aboriginal parties about the carrying out of the activity, and the results of the consultation are factors a court may consider when determining if a party has complied with the duty of care.

Please refer to our website www.datsip.qld.gov.au/people-communities/aboriginal-and-torres-strait-islander-cultural-heritage for a copy of the gazetted Cultural Heritage duty of care guidelines, which set out reasonable and practical measures for meeting the duty of care.

Should you have any further queries, please do not hesitate to contact the approval officer on (07) 3405 3050.

Kind regards

The Director

Cultural Heritage | Community Participation | Department of Aboriginal and Torres Strait Islander Partnerships

07/03/2016 3:11 pm



Appendix C – Landowner Acknowledgement and Reports

Landowner Acknowledgement of Proposal	52
Structural Report and Certificate.....	53

**Company owner's consent to the making of a development application
under the Sustainable Planning Act 2009**

I, SANDRA BURKE (insert name in full)
Director of the below mentioned company and

I, DISTRICT DIRECTOR (insert name in full)

(insert position in full—i.e. another director, or a company secretary. Delete the above name and company position if not applicable, i.e. for a proprietary company that has a sole director who is also the sole company secretary, only that director needs to complete the owner's consent)

of **Department of Transport and Main Roads** (insert name of company)

as owner of premises identified as follows:

North of existing Telstra Site (32//NR7691) off Captain Cook Hwy Wangettli QLD 4877
-16.6519264, 145.5636699

(insert street address, lot or plan description, or coordinates of the premises the subject of the application)

consent to the making of a development application under the *Sustainable Planning Act 2009* by

Telstra Corporation (insert name of applicant)

on the premises described above for the purposes of

Material Change of Use – Telecommunications Facility

(insert details of the proposed development, e.g. material change of use for three-storey apartment building)

 (signature of Director)

signed on the 15th day of July 2016

(signature of Director or company secretary)

signed on the _____ day of _____ 2016

Company seal (if used)



Greg Scowcroft
Telstra

13 May 2016
63470/T12871/1
Doc. Pages 1 + attachments

Wangetti Repeater 2 (QLD) - Structural Analysis

Greg,

I refer to your request received on 20th and 22nd April 2016.

BRIEF

The requirement is to design a freestanding mast and associated footing to support proposed loading arrangement; further to provide detailed antenna mount design.

SUMMARY

It is proposed to install a 10.57m 610mm f/w freestanding mast at Wangetti Repeater 2 (QLD).

The general mast layout and detailed footing design is as per drawing **CF-14234, Sheet 1, Issue 1**.

The recommended antenna mount has been designed and is detailed as per drawing **CF-14234, Sheets 2 and 3, Issue 1**.

The mast structure and footing system have been assessed and been found to have adequate design capacity to support the proposed loading condition.

Please refer to the attached structural report for further comments and recommendations.

Please refer to the attached structural report for further comments. Should you require further information, please call on (03) 9633-1312.

Regards,

Jennifer Qin

Structel

Attach.

Structural Report – Wangetti Repeater 2 (QLD)

Privacy Statement: We respect your privacy. Any personal information which we collect about you will be collected and used in the ordinary course of business so we can offer and provide our services. Further details about how we handle your personal information, including access procedures, are available in our privacy policy at www.structel.com.au. Alternatively, please contact us to discuss further.

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**REPORT ON ANTENNA SUPPORT STRUCTURE
10.57m 610mm F/W FREESTANDING MAST, WANGETTI REPEATER 2, QLD**

BRIEF

The requirement is to design a freestanding mast and associated footing to support proposed loading arrangement; further to provide detailed antenna mount design.

ASSESSMENT

The design criteria used are as follows:

Structure Site	: Wangetti Repeater 2 (QLD)
Site Address	: Captain Cook Highway, Wangetti, QLD
Geographic Co-ordinates	: 16.651952°S 145.562597°E
Structure Height	: 10.57m (nominal – AGL)
Region	: C
Regional Wind Speed	: 70m/s (V_{1000})
Serviceability Wind Speed	: 27m/s (V_s)
Terrain Category	: 2.0 – 3.0
Topographic Multiplier	: Max 1.123 at base, varies with directions
Wind Direction Multiplier	: 0.95
Structure Type	: II
Design Loads	: Dead Loads and Wind Loads on mast, antennas, mounting steelwork and feeders.
Design Standards	: AS 3995 - 1994, AS/NZS 1170.0-2002, AS4100-1998, AS 3600-2009

ANTENNAS/ ANCILLARIES INCLUDED IN ANALYSIS

R.L.	Ant. Ref.	Description	Owner	Bearing	Feeder
9.0m	TBC	RFS SCX3-W71SIA1 + 2 x ODU ^P	Telstra	132°	2xLCF12-50 ^P

Notes:

^P Proposed Telstra Antenna / Ancillary – This Analysis**SUMMARY OF RESULTS OF STRUCTURAL ANALYSIS**

- The proposed antenna support structure is a steel lattice, triangular cross section, 610mm face-width, nominally 10.57m in height. The structure is composed of standard mast sections as per Telstra drawing C100026, Sheet 21, Issue 1.
- The proposed antenna loading arrangements are as listed above.
- The structure has been assessed and been found to have adequate capacity to support the proposed loading arrangement.
- Maximum loading levels (global):

Component	Max Stress
	Loading
Legs	85%
Bracing	80%
Footing	<100%

Please note that the above loading levels may be global results and may or may not include some local loading effects due to ancillary loads – which have been included in the analysis when known. Consideration of local loading effects can significantly alter the above values.

The above values are those uniquely determined by Structel for this job only, and shall not be used by any other design authority as a basis for ongoing certifications, assessments or comparisons for the same or other sites.

MAST ROTATION

- The expected rotation at the serviceability wind speed of 27m/s are as indicated in the following table:-

Height R.L.	Rotation	Antenna
	With Reservations	
9.0m	0.13°	RFS SC3-W71SIA1

MAST FOOTINGS


- The soil conditions at this site are reported by Douglas Partners Pty Ltd, reference 77799.00, dated April 2016.
- The proposed mast footing detailed as per drawing **CF-14234, Sheet 1, Issue 1** has been assessed as **satisfactory** to support the proposed antenna arrangement.

ANTENNA AND ANCILLARY MOUNTING

- It is proposed to install a new RFS SCX3-W71SIA1 at RL9.0m bearing 132° including two ODU's.
- The recommended antenna mount has been designed and is detailed as per drawing **CF-14234, Sheets 2 and 3, Issue 1**.
- Structel certifies that the antenna mounting steelwork as depicted on the above stated drawing can safely accommodate the antenna/ancillary loading arrangement specified, when assessed in accordance with the above Australian Standards.

Should you have any questions regarding the above information, please do not hesitate to contact me on (03) 9633-1312.

Regards,



Jennifer Qin
BE, MUltMgmt, MEnvEng

Structel 

Intellectual Property: The contents of the report plus any attachments contain privileged and confidential information in response to a specific request from our client or their agents. The report is not exhaustive in its scope and shall not be used in whole or in part for any purpose, other than the intended purpose. The report may not be reproduced or forwarded in any way to any other party without the express written permission of Structel. Any subsequent changes to the report, including additions and amendments, must be referred to Structel for review and final approval to ensure a consistent design philosophy.

Structel 

63470/T12871/1

016159F01 - STRUCTURAL DESIGN CERTIFICATION FOR TELSTRA

*This form is to be completed by the company engaged to actually complete the structural certification.
No changes/modifications to the original text in grey boxes of this 016159F01 template are to be made*

Your File Reference:	63470/T12871/1	Revision No.:	1
----------------------	----------------	---------------	---

Disclaimer: This is Telstra's minimum certification requirement only and does not replace any regulatory requirements for additional documentation to comply with statutory regulations.

Telstra Site Name & State:	Wangetti Repeater 2, (Qld)	Node Manager Address ID:	
Site Address:	Captain Cook Highway, Wangetti, QLD	Geographic Co ord: (In format GDA94 XXX.YYYYY)	16.651952° S 145.562597° E
Type of Structure:	10.57m 610mm f/w FS mast	Footing Type:	Concrete pad

Listing of Items Covered by this Certification

Item	Included	Excluded
New Antenna Support Structure (AnSS)	X	
Existing AnSS		X
Upgrade for new or existing AnSS		X
New extension for AnSS		X
Existing extension for AnSS		X
Upgrade of extension for AnSS		X
New antenna mounting or headframe on AnSS	X	
Existing antenna mounting or headframe on AnSS		X
Upgrade for New or Existing Antenna Mounting or Headframe on AnSS		X
Mounting for all new external Ancillaries (eg RRU's, TMAs Interface devices etc) on AnSS	X	
New footing for AnSS	X	
Existing footing for AnSS		X
Upgrade of footing for AnSS		X
New feeder runway (vertical)*		X
Existing feeder runway (vertical) *		X
New feeder gantry (horizontal) inc footing		X
Existing feeder gantry (horizontal)		X
New rooftop antenna mounts*		X
Existing rooftop antenna mounts*		X
New Equipment Shelter inc footing		X
Equipment shelter floor loading		X
Equipment shelter roof loading ie for rooftop sites*		X
Mounting for all new external ancillaries on a rooftop*		X
New and/or existing ground mounted solar array frame		X
New and/or existing solar array footing or "roof" mount		X
Other Inclusions		
<i>Inclusions to this certificate other than listed in the above section must be clearly identified:</i>		
n/a		
Other Exclusions		
<i>Any other exclusions to this certificate must be clearly identified:</i>		
Future Telstra Reservations (including ancillaries/ mounting steelwork).		X
Other mounts (not related to this assessment).		X
Antenna & ancillary proprietary mounting/ fixing brackets.		X

* For roof top (installation attached to any kind of buildings) structural components; your certification must cover the building component/s to which structure is attached, attachment steelwork and any fixings of

DESIGN PARAMETERS			
Structure Type: (AS 3995) or	II	Structure Height (M):	10.57m (nominal – AGL)
Importance Level: (AS 1170)	n/a	Extension/s (M):	n/a
Wind Region:	C	Design Life:	50 years
Basic Wind Speed:	70m/s	Critical Wind Direction/s:	As per AS/NZS 1170.2
Wind Direction Multiplier/s*:	0.95	Topographic Multiplier*:	Max 1.123 at base
Terrain Category*:	2.0 – 3.0	Minimum Foundation Bearing Capacity at founding depth of AnSS (kPa)	Refer to geotechnical report
List of Australian (or other) Standards referenced for this certification: (Extra rows can be inserted as required)			
AS 3995 - 1994		AS/NZS 1170.0-2002	
AS 4100-1998		AS 3600-2009	
References include Supplements & Amendments U.O.N.			

Note: Any other design parameters (e.g.: in relation to Earth quake load, Ice load, flood loads etc) considered for design must be clearly stated in the above table. If more than one value, enter the most critical load combination factor used for design.

Specify for critical wind direction

ASSUMPTIONS
Refer to Structel report 63470/T12871/1
Soil properties meet assumed soil parameters and conditions as per geotechnical report.

UPGRADES			
Previous & Proposed Upgrades to Structure	References	Designed (Y/N)	Installation Confirmed (Y/N)

AnSS LOADING Table							
CANRAD data downloaded on:	Site design brief Ref No: (if applicable)		410015980/0060				
CANRAD ID Numbers of Antennas and other external ancillaries	Status (Existing (E), Proposed (P), Reserved (R) etc)	Type	Mounting Height (M)	Structure Face (if applic.)	Bearing	Feeder	
						CANRAD ID No:	Type
Refer Attachment A for LOADING Table/s or		Refer to Structel report 63470/T12871/1					
Complete 1 line per item adding extra rows as necessary							

*Complete this table or reference & include a similar table as Attachment A if preferred.

Brief Description of Methodolgy of Analysis

Refer to Structel report 63470/T12871/1


MAXIMUM PERCENTAGE LOADINGS ON AnSS

Lattice Structure - Legs:	85%
Lattice Structure - Bracing:	80%
Monopole Structure Body:	n/a
Structure/Footing connection:	n/a
Structure Footing:	<100%
Guy Anchor/Footing:	n/a
Mast guys	n/a
Pole rotation (if applicable)*	0.1° at 9m

* Generally only required for monopoles supporting one or more directional microwave antennas. Rotation to be calculated at the level of the M/W antenna/s at Serviceability Wind speed of 27MS^{-1}

[illegible]

Attachment ID	Attachment Content	Issue No or Issue Date (or N/A if not included)
Attachment A	AnSS Loading Table	63470/T12871/1 dated: 13/05/2016
Attachment B	<u>Copy of manual calculations made if any</u>	n/a
Attachment C	<u>For curved masts provide details of all strand sizes, construction & grade and initial tensions required</u>	n/a
Attachment D	Complete 1 line per Attachment, adding extra rows or deleting as necessary	
Attachment E	Complete 1 line per Attachment, adding extra rows or deleting as necessary	

CERTIFICATION			
Practitioners Name:	Roger Carter		
Company Name:	Structel A	Qualification:	B.Eng (Civil), CPEng, MIEAust
Category of Registration: e.g. RPEQ in Qld	RPEQ	Registration Number:	8419
I hereby certify that, the above works have been designed in accordance with the requirements of relevant Australian Standards, NCC, applicable State/Territory & Local Authority regulations and 016159 - Deployment Rules for Telstra Antenna Support Structures.			
 ----- Signature (Civil/Structural Engineer)		16 05 2016 -----/-----/ (Date)	

Explanatory Notes

AnSS

Antenna Support Structure (monopole, lattice tower or guyed lattice mast)

Intent of Covering Letter: The intent of the Covering Letter is to provide Telstra with additional surety that the 016159 f01 certification/s provided are complete and correct. Telstra relies on the expertise of our contracted consultants to provide expert oversight in the completion of the Structural Certification. Accordingly it is not appropriate (or permitted) for the 016159 Covering Letter to be signed by the 016159f01 certifier. If your company, acting as our contracted consultant, is also providing the 016159f01 certification then that certification must be reviewed independently and the covering letter must be signed by a suitably experienced and qualified project representative independent of the certifier.

Specifically:

Covering Letter can only be signed by a Telstra Contracted supplier and must be signed by a suitably qualified Project Representative.

Structural Certification. Signed by the suitably qualified and experienced Structural engineer that completed the certification and who holds the applicable registrations eg RPEQ for works in the state of Queensland.

SITE DETAILS - Structure Type This needs to be specific eg "30M Keppel Prince J3 Pole" or "100M EPT 45D guyed mast" etc. Details of the AnSS must be more fully defined in the referenced drawings.

SITE DETAILS – Footing Type This relates only to Telstra AnSS's and can be generic eg "bored pier" or "mass concrete" or "rock anchor" etc. Details of the footing/s where known must be fully defined in the referenced drawings.

Site Details – Other These are to be as per CANRAD. This information will need to be provided to the 016159f01 certifier/s if they do not have access to CANRAD.

Brief Description of Project Scope For a mobiles project this would be for example "greenfields build for WCDMA850 and LTE700" OR "Augmentation of existing site with LTE700 including carrier aggregation with existing LTE1800. For fixed Wireless projects it may be for example "Adding SDH link to site Abcdef" OR "Adding CAN radio service to Customer Abcdef"

Table of ITEMS COVERED Each line item must be marked as either included or excluded. Failure to complete this section will result in the automatic rejection of the covering letter or 016159f01 certification.

OTHER EXCLUSIONS Record here any items not covered by the certification AND not already clearly excluded in the Table of ITEMS COVERED.

ASSUMPTIONS Record here any assumptions made in relation to the analysis/certification. For example this could include soil conditions assumed where no formal geotechnical investigation has been completed. Similarly you should record that all steelwork is assumed to be in "substantially as new" condition unless there is evidence contrary to this. In that case you should provide some explanatory commentary on what has been assumed in regard to actual member capacity compared to equivalent "as new" capacity.

AnSS LOADING Table Either complete this table within the 016159f01 form or attach similar table/s and reference it/them on the 016159 f01 form. Alternatives can be, for example, CANRAD reports on antennas and junction devices or PDFs of screen dumps from CANRAD or reference to a drawing in CadLink. The key requirements are:

1. A complete list of all antennas (existing, proposed, reserved, spare) which were considered in the analysis.
2. For each antenna separately record its CANRAD ID number (eg A7), type, height and bearing and associated feeder type/s and CANRAD ID number (eg F7).
3. For each externally mounted ancillary (eg RRU, TMA, Interface box etc) its type, height and CANRAD ID number (eg J7).
4. For certifications of antenna mounts provide a complete list of antennas and junction devices relevant to each mount.
5. For certifications of shelters and/or floor loadings list the relevant drawings detailing the shelter and/or floor layout.

Brief Description of Methodology of Analysis Must include sufficient detail that when combined with the completed 016159f01 would allow another certifier to get full understanding of the original design. This shall include but not be limited to:

- Any assumptions/ conditions that could not be detailed elsewhere on the certificate
- Dynamic loading analysis considered in the design
- Harmonic loading analysis considered in the design
- Fatigue analysis considered in the design
- Any other known information that is not included or referenced on the certificate that influenced the structural design calculations/certification.

MAXIMUM PERCENTAGE LOADINGS ON AnSS These %'s are required for future planning purposes only and shall not be relied upon for future certifications. They are to represent the "worst case" for each category of member.

Third Party Drawings/Documents Telstra is aware that some third parties may not release fabrication details for items they have designed. The SAED is to consider the potential impact of this on their obligations in regard to

certifications at the earliest opportunity. As necessary this shall be raised with the Telstra Representative to determine the most appropriate course of action in each instance.

ATTACHMENTS

Attachment A If all required information pertaining to AnSS loading is included within the completed certification form 016159F01, then an Attachment A is not required. "N/A" shall be inserted against this item in the certification.

Attachment B Attach a copy of any manual calculations performed. If no manual calculations were performed insert "N/A" against this item in the certification.

Attachment C If the AnSS is a guyed mast attach details of all strand sizes, construction & grade (eg 1 x 32) and initial tensions required. If AnSS not a guyed mast insert "N/A" against this item in the certification.

Attachments D & E Complete details in table or delete line items if no other attachments are provided.

Schedule 3 Assessable Development

Checklist 1—Various aspects of development

(Sustainable Planning Act 2009 version 3.3 effective 3 August 2015)

This checklist applies to the carrying out of various aspects of development, as specified in the Sustainable Planning Regulation 2009, Schedule 3, Part 1, Table 5.

You may complete this checklist as part of your development application. The checklist will:

- help you identify whether you need to make a development application for the proposed development
- help you identify the relevant Integrated Development Assessment System (IDAS) form you need to complete as part of your application
- assist in identifying the assessment manager or referral agency for development that is assessable development under schedule 3 of the Sustainable Planning Regulation 2009.

If your development involves a material change of use, reconfiguring a lot, operational work or building work, it is recommended you complete the relevant checklists: *Checklist 2—Material change of use*, *Checklist 3—Reconfiguring a lot*, *Checklist 4—Operational work*, or *Checklist 5—Building work*.

If you are unsure how to answer any questions on this checklist, phone or visit your local government, or go to the Department of Infrastructure, Local Government and Planning's (DILGP) website at www.dilgp.qld.gov.au.

All terms used in this checklist have the meaning given in the *Sustainable Planning Act 2009* or the *Sustainable Planning Regulation 2009*.

Part 1—General questions

1.1 Is any part of the proposed development intended to be carried out on a Queensland heritage place under the Queensland Heritage Act 1992?

- | | |
|----------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> No | • Continue to question 1.2 |
| <input type="checkbox"/> Yes | • Complete part 2 of this checklist |

1.2 Does the proposal involve development on a local heritage place?

- | | |
|----------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> No | • Continue to question 1.3 |
| <input type="checkbox"/> Yes | • Complete part 3 of this checklist |

1.3 Is any part of the development on strategic port land or airport land (other than development for a material change of use that is inconsistent with the land use plan for the strategic port land or airport land mentioned in the Sustainable Planning Regulation 2009, Schedule 3, Part 1, Table 2, item 3 or 4)?

- | | |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> No | • End of checklist – A development permit is not required for this aspect of development under Sustainable Planning Regulation 2009, Schedule 3, Part 1, Table 5 |
| <input type="checkbox"/> Yes | • Complete part 4 of this checklist |

Part 2—Queensland heritage place

2.1 Do any of the following apply to the proposal?

The proposed development is only ongoing maintenance or minor work permitted by a general ☐ Yes ☒ No

exemption certificate issued under section 75 of the <i>Queensland Heritage Act 1992</i> .	
An exemption certificate has been issued under the <i>Queensland Heritage Act 1992</i> .	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
The proposed development is liturgical development under section 78 of the <i>Queensland Heritage Act 1992</i> .	<input type="checkbox"/> Yes <input type="checkbox"/> No
The work is being carried out by the state.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
The work is being carried out in a priority development area.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
The development is mentioned in schedule 4 of the Sustainable Planning Regulation 2009.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

- If you answered **no** to all of the above, a development permit is required and this application requires assessment by the chief executive of DILGP as assessment manager or concurrence agency against the *Queensland Heritage Place State Code* in the SDAP.
- Your application must include *IDAS form 3—Queensland heritage place*.
- If you answered **yes** to any of the above, a development permit is not required. End of part 2 of this checklist.

Section reference:

- Sustainable Planning Regulation 2009, schedule 3, part 1, table 5, item 2
- Sustainable Planning Regulation 2009, schedule 7, table 2, item 19

Part 3—Local heritage place**3.1 Do any of the following apply to the proposal?**

The development is building works to be carried out by or on behalf of the state, a public sector entity or a local government	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
The development is for public housing	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
The development is to be carried out by the state on land designated for community infrastructure under the <i>Sustainable Planning Act 2009</i> .	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
The development is mentioned in schedule 4 of the Sustainable Planning Regulation 2009.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
The local heritage place is on an airport lessee's airport land under the <i>Airport Assets (Restructuring and Disposal) Act 2008</i> .	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

- If you answered **no** to all of the above, a development permit is required and your application to the local government, as assessment manager, must include *IDAS form 4—Local heritage place*.
- If you answered **yes** to any of the above, a development permit is not required.

Section reference:

- Sustainable Planning Regulation 2009, schedule 3, part 1, table 5, item 3
- Sustainable Planning Regulation 2009, schedule 3, part 2, table 1, item 1
- Airports Assets (Restructuring and Disposal) Act 2008*, section 54

Part 4—Strategic port land or airport land**4.1 Does the land use plan for the strategic port land or airport land state that the development is assessable development?**

<input checked="" type="checkbox"/> No	A development permit is not required for this aspect of development; end of this checklist.
----------------------------------------	---------------------------------------------------------------------------------------------

<input type="checkbox"/> Yes	<ul style="list-style-type: none"> • A development permit is required and your application may include, where applicable: <ul style="list-style-type: none"> • for a material change of use—<i>IDAS form 5—Material change of use assessable against a planning scheme</i> • for building or operational work—<i>IDAS form 6—Building or operational work assessable against a planning scheme</i> • for reconfiguring a lot—<i>IDAS form 7—Reconfiguring a lot</i> • The assessment manager will either be the local government or the port authority or DILGP.
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Section reference:

- Sustainable Planning Regulation 2009, schedule 3, part 1, table 5, items 6 and 7

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To the full extent permitted by law, DILGP expressly disclaims all liability (including but not limited to liability for negligence) for errors or omissions of any kind or for any loss (including direct and indirect losses), damage or other consequence which may arise from your reliance on this process and the information contained on this checklist.

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Schedule 3 Assessable Development

Checklist 2—Material change of use

(Sustainable Planning Act 2009 version 3.3 effective 3 August 2015)

This checklist only applies when the development application seeks approval for a material change of use of premises. Before completing this checklist, please complete *Checklist 1—Various aspects of development*.

You may complete this checklist as part of your development application. The checklist will:

- help you identify whether you need to make a development application for the proposed development
- help you identify the relevant Integrated Development Assessment System (IDAS) forms you need to complete as part of your application
- assist in identifying the assessment manager or referral agency for development that is assessable development under schedule 3 of the Sustainable Planning Regulation 2009.

If your development involves reconfiguring a lot, building work or operational work, it is recommended you complete the relevant checklists: *Checklist 3—Reconfiguring a lot*, *Checklist 4—Operational* or *Checklist 5—Building work*, where relevant.

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Part 1—General questions

1.1 Is the proposed material change of use of premises for a brothel?

- | | |
|----------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> No | • Continue to question 1.2 |
| <input type="checkbox"/> Yes | • Complete part 2 of this checklist |

1.2 Is the proposed material change of use of premises on strategic port land?

- | | |
|----------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> No | • Continue to question 1.3 |
| <input type="checkbox"/> Yes | • Complete part 3 of this checklist |

1.3 Is the proposed material change of use of premises on airport land?

- | | |
|----------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> No | • Continue to question 1.4 |
| <input type="checkbox"/> Yes | • Complete part 4 of this checklist |

1.4 Is the proposed material change of use of premises for a major hazard facility or proposed major hazard facility?

- | | |
|----------------------------------------|----------------------------|
| <input checked="" type="checkbox"/> No | • Continue to question 1.5 |
|----------------------------------------|----------------------------|

<input type="checkbox"/> Yes	<ul style="list-style-type: none"> A development permit is required. The chief executive of DILGP will be assessment manager or concurrence agency for the development application. You must complete <i>IDAS form 22—Major hazard facility</i>.
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Section reference:

- Sustainable Planning Regulation 2009, schedule 3, part 1, table 2, item 5
- Sustainable Planning Regulation 2009, schedule 6, table 3, item 4
- Sustainable Planning Regulation 2009, schedule 7, table 2, item 8

1.5 Is the proposed material change of use of a potentially affected premises?

<input checked="" type="checkbox"/> No	<ul style="list-style-type: none"> Continue to question 1.6
<input type="checkbox"/> Yes	<ul style="list-style-type: none"> Complete part 5 of this checklist

1.6 Is the proposed development a potentially sensitive material change of use of premises?

<input checked="" type="checkbox"/> No	<ul style="list-style-type: none"> Continue to question 1.7
<input type="checkbox"/> Yes	<ul style="list-style-type: none"> Complete part 6 of this checklist

1.7 Is the proposed material change of use of premises for aquaculture?

<input checked="" type="checkbox"/> No	<ul style="list-style-type: none"> Continue to question 1.8
<input type="checkbox"/> Yes	<ul style="list-style-type: none"> Complete part 7 of this checklist

1.8 Is the proposed material change of use of premises for an environmentally relevant activity that, under the Environmental Protection Regulation 2008, section 16, is identified as a concurrence ERA (the relevant ERA)?

<input checked="" type="checkbox"/> No	<ul style="list-style-type: none"> End of part 1 of checklist [d1]
<input type="checkbox"/> Yes	<ul style="list-style-type: none"> Complete part 8 of this checklist

Part 2—Brothel**2.1 Do any of the following apply?**

More than five rooms in the proposed brothel are proposed to be used for providing prostitution.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Any land, the subject of the development, is in, or within 200 metres of the closest point on any boundary of, a primarily residential area, or an area approved for residential development or intended to be residential in character (measured according to the shortest route a person may reasonably and lawfully take, by vehicle or on foot, between the land the subject of the development and the other land).	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Any land, the subject of the development, is within 200 metres of the closest point on any boundary of land on which there is a residential building, place of worship, hospital, school, kindergarten or any other facility or place regularly frequented by children for recreational or cultural activities (measured according to the shortest route a person may reasonably and lawfully take, by vehicle or on foot, between the land the subject of the development and the other land).	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Any land, the subject of the development, is within 100 metres of the closest point on any boundary of land on which there is a residential building, place of worship, hospital, school, kindergarten or any other facility or place regularly frequented by children for recreational or cultural activities, measured in a straight line.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
The land, the subject of the development, is in a town with a population of less than 25 000, the local government for the local government area has required that all material changes of use for such development within the area be prohibited, and the Minister has agreed that the development should be prohibited.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

- If **yes** to any of the above, this aspect of the development is prohibited development and a development application cannot be made.
- If **no** to all of the above, a development permit is required. You must complete *IDAS form 9—Brother*, and submit your application to the local government if the development is completely in a single local government area.

Section reference:

- Sustainable Planning Regulation 2009, schedule 3, part 1, table 2, item 2
- Sustainable Planning Regulation 2009, schedule 6, table 1, item 1(a)(iv)
- Sustainable Planning Act 2009, schedule 1, item 5

Part 3—Strategic port land**3.1 Do any of the following apply?**

The proposed material change of use of premises is inconsistent with the land use plan approved under the <i>Transport Infrastructure Act 1994</i> .	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
The proposed material change of use of premises is assessable development under the land use plan approved under the <i>Transport Infrastructure Act 1994</i> , but is not inconsistent with it.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

- If **yes** to either of the above, a development permit is required. The port authority may be the assessment manager for the development application (see schedule 6 of the Sustainable Planning Regulation 2009).
- If the proposed material change of use of premises is inconsistent with the land use plan, you are also required to refer the application to the Minister under the *Transport Infrastructure Act 1994* as concurrence agency.
- You must complete *IDAS Form 10—Inconsistent development on strategic port land or Brisbane core port land*.

Section reference:

- Sustainable Planning Regulation 2009, schedule 3, part 1, table 2, item 3
- Sustainable Planning Regulation 2009, schedule 3, part 1, table 5, item 6
- Sustainable Planning Regulation 2009, schedule 6
- Sustainable Planning Regulation 2009, schedule 7, table 2, item 6

Part 4—Airport land**4.1 Do any of the following apply?**

The proposed material change of use of premises is inconsistent with the land use plan approved under the <i>Airport Assets (Restructuring and Disposal) Act 2008</i> .	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
The proposed material change of use of premises is assessable development under the land use plan approved under the <i>Airport Assets (Restructuring and Disposal) Act 2008</i> for the airport land, but is not inconsistent with it.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

- If **yes** to either of the above, a development permit is required for this aspect of development. The chief executive of DILGP may be the assessment manager (see schedule 6 of the Sustainable Planning Regulation 2009).
- If the proposed material change of use of premises is inconsistent with the land use plan approved under the *Airport Assets (Restructuring and Disposal) Act 2008*, you are also required to refer the application to the chief executive of DILGP as concurrence agency, if the chief executive of DILGP is not the assessment manager.
- You must complete *IDAS Form 5—Material change of use assessable against a planning scheme*.

Section reference:

- Sustainable Planning Regulation 2009, schedule 3, part 1, table 2, item 4
- Sustainable Planning Regulation 2009, schedule 3, part 2, table 5, item 7
- Sustainable Planning Regulation 2009, schedule 6, table 2, item 2

Part 5—Potentially affected premises

5.1 Do any of the following apply?

A suitability statement has been given for the premises, a site management plan has been approved in relation to the proposed use and the material change of use only involves:

- the fit-out of a building, or
- minor site excavation (e.g. post holes for open-sided non-habitable structures).

☐ Yes ☒ No

The proposed use is industrial and only involves minor site excavation (e.g. post holes for open-sided non-habitable structures).

☐ Yes ☒ No

- If **no** to both of the above:
 - A development permit is required for this aspect of development
 - The development application will require assessment by the chief executive of DILGP, as assessment manager or concurrence agency
 - You must complete *IDAS form 24—Contaminated land*
- If **yes** to either of the above, this aspect of development is not assessable development but it is recommended that you provide a copy of any suitability statement or approved site management plan to the assessment manager to support your claim for exemption if any other aspects of your proposed use are assessable development.

Section reference:

- Sustainable Planning Regulation 2009, schedule 3, part 1, table 2, item 6
- Sustainable Planning Regulation 2009, schedule 6
- Sustainable Planning Regulation 2009, schedule 7, table 2, item 23

Part 6—Potentially sensitive material change of use

6.1 Do either of the following apply?

All or part of the premises is used for, or if there is no existing use, was last used for, an industrial activity (other than a mining activity or chapter 5A activity).

☐ Yes ☒ No

All or part of the premises is in an area for which an area management advice has been given for natural mineralisation or industrial activity (other than for a mining activity or a chapter 5A activity).

☐ Yes ☒ No

- If **yes** to either of the above:
 - A development permit is required
 - The development application requires assessment by the chief executive of DILGP as assessment manager or concurrence agency
 - You must complete *IDAS form 24—Contaminated land*
- If **no** to all of the above, this aspect of development does not require a development permit.

Section reference:

- Sustainable Planning Regulation 2009, schedule 3, part 1, table 2, item 7
- Sustainable Planning Regulation 2009, schedule 6
- Sustainable Planning Regulation 2009, schedule 7, table 2, item 23

Part 7—Aquaculture**7.1 Will the proposed material change of use of premises for aquaculture cause discharge of waste into Queensland waters (as defined in section 36 of the Acts Interpretation Act 1954)?**

- | | |
|----------------------------------------|-----------------------------------|
| <input checked="" type="checkbox"/> No | • Continue to question 7.2 |
| <input type="checkbox"/> Yes | • End of part 7 of this checklist |

7.2 Do any of the following apply?

The aquaculture is: <ul style="list-style-type: none"> • of indigenous freshwater fish species mentioned in the Fisheries Regulation 2008, schedule 10C • in a catchment listed in that schedule for that species for aquarium display or human consumption only • carried out in ponds, or using above-ground tanks, that have a total water surface area of no more than five hectares. 	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
The aquaculture is of indigenous freshwater fish for aquarium display or human consumption only, or non-indigenous freshwater fish for aquarium display only, and is carried out using only above-ground tanks that have: <ul style="list-style-type: none"> • a floor area, excluding water storage area, of no more than 50m² • a roof impervious to rainwater. 	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
The aquaculture is of indigenous marine fish for aquarium display only and is carried out using only above-ground tanks that have a total floor area, excluding water storage areas, of no more than 50m ² .	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

- If **no** to all of the above:
 - A development permit is required for this aspect of development and this aspect of development requires assessment by the chief executive of DILGP as assessment manager or concurrence agency
 - You must complete *IDAS form 25—Aquaculture*
 - End of part 7 of this checklist
- If **yes** to any of the above:
 - A development permit is not required for this aspect of development, but the proposed material change of use will be self assessable development and must comply with applicable codes
 - End of part 7 of this checklist

Section reference:

- Sustainable Planning Regulation 2009, schedule 3, part 1, table 2, item 10
- Sustainable Planning Regulation 2009, schedule 3, part 2, table 2, item 1
- Sustainable Planning Regulation 2009, schedule 6
- Sustainable Planning Regulation 2009, schedule 7, table 2, item 28

Part 8—Environmentally relevant activities (ERA)**8.1 Has an environmental authority to carry out a concurrence ERA been approved for the premises?**

- | | |
|-----------------------------------------|----------------------------|
| <input type="checkbox"/> No | • Continue to question 8.4 |
| <input checked="" type="checkbox"/> Yes | • Continue to question 8.2 |

8.2 Is the relevant ERA and the concurrence ERA approved under the environmental authority to be carried out under the environmental authority?

- | | |
|-----------------------------------------|----------------------------|
| <input type="checkbox"/> No | • Continue to question 8.4 |
| <input checked="" type="checkbox"/> Yes | • Continue to question 8.3 |

8.3 Does the relevant ERA have a lower aggregate environmental score than the concurrence ERA approved under the environmental authority, under the Environmental Protection Regulation 2008, section 14(1)?

- | | |
|----------------------------------------|--------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> No | • Continue to question 8.4 |
| <input type="checkbox"/> Yes | • This aspect of development does not require a development permit. End of checklist |

8.4 Do all of the following apply?

The environmentally relevant activity is to be carried out in the North Stradbroke Island Region.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
The environmentally relevant activity is mentioned in the Environmental Protection Regulation 2008, schedule 2, part 4, section 16.	<input type="checkbox"/> Yes <input type="checkbox"/> No
The environmentally relevant activity involves dredging or extracting more than 10 000 tonnes of material a year.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

- If **yes** to all of the above, this aspect of development is prohibited development (to the extent it involves dredging or extracting more than 10 000 tonnes of material a year) and a development application cannot be made. If this is the only aspect of development, end of checklist, otherwise continue to question 8.5
- If **no** to any of the above, continue to question 8.5

8.5 Is the concurrence ERA devolved to local government under the Environmental Protection Regulation 2008?

- | | |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> No | <ul style="list-style-type: none"> • A development permit is required and this application requires assessment by the chief executive of DILGP as assessment manager or concurrence agency • Your application must include <i>IDAS form 8—Environmentally relevant activity</i> • End of checklist |
| <input type="checkbox"/> Yes | <ul style="list-style-type: none"> • A development permit is required and this application requires assessment by the local government as assessment manager or concurrence agency • End of checklist |

Section reference:

- Sustainable Planning Regulation 2009, schedule 3, part 1, table 2, item 1
- Sustainable Planning Regulation 2009, schedule 6
- Sustainable Planning Regulation 2009, schedule 7, table 2, item 1
- *Sustainable Planning Act 2009*, schedule 1, item 13

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