

Your Reference:

Our Reference: RR: mw: 21-09 (FID87951, MCU013-20/21, 21001-00000-000, ID1639359)

Contact: enquiries@banana.qld.gov.au

08 September 2021

Bureau of Meteorology
C/- GHD Pty Ltd
Attn: Craig Brown
Level 4, 211 Victoria Square
ADELAIDE SA 5000

Dear Sir/Madam

Decision Notice – Approval

(Given under section 63 of the Planning Act 2016)

Application Number: MCU013-20/21
Description: Community Oriented Activity (Public Utility)
Level of Assessment: Code Assessable
Site Address: 26850 LEICHHARDT HIGHWAY, TAROOM
Lot & Plan Details: Lot 48 on FT602

On 08 September 2021, under delegated authority, the above development application was approved in full subject to conditions. The conditions of this approval are set out in Attachment 1. These conditions are clearly identified to indicate whether the assessment manager or a concurrence agency imposed them.

1. Details of Approval

The following approval is given:

	Planning Regulation 2017 reference	Development Permit	Preliminary Approval
Making a Material Change of Use assessable under the planning scheme	s20	<input checked="" type="checkbox"/>	<input type="checkbox"/>

2. Approved Plans

The approved plans for this development approval are listed in the following table:

Plan/Document number	Plan/Document name	Date
12523425-02-A001 Rev: A	Location Plan as prepared by GHD	28.06.21
12523425-02-A010 Rev: A	Site Plan as prepared by GHD	28.06.21
12523425-02-A110 Rev: A	General Arrangement – Floor Plan as prepared by GHD	28.06.21
12523425-02-A111 Rev: A	Site Elevation as prepared by GHD	28.06.21
12523425-02-A400 Rev: A	Elevations as prepared by GHD	28.06.21
12523425-02-C001 Rev: A	General Construction Plan as prepared by GHD	28.06.21

3. Further Development Permits

Please be advised that the following development permits are required to be obtained before the development can be carried out:

- Building Works
- Plumbing & Drainage

4. Conflict with relevant instrument and reasons for the decision despite the conflict.

The assessment manager does not consider that the assessment manager's decision conflicts with a relevant instrument.

5. Submissions

Not applicable (Public Notification not required)

6. Referral Agencies

The referral agency for this application was:

Name of referral agency	Advice agency or concurrence agency	Referral Basis	Address
Chief Executive - Queensland Treasury - State Assessment Referral Agency (SARA)	Concurrence	Schedule 10, Part 9, Division 4, Subdivision 2, Table 4, Item 8 (b) (ii)	RockhamptonSAR.A@dsmip.qld.gov.au Fitzroy & Central Region PO Box 113 ROCKHAMPTON QLD 4701

7. Currency Period for the Approval

This development approval will lapse at the end of the period set out in section 85 of the *Planning Act 2016*.

8. Statement of Reasons

Description of the development	The development is for a Material Change of Use for a Community orientated activity (Public utility) for the purposes of a S Band Doppler Radar Facility.
Assessment Benchmarks	Rural Zone Code
Reasons for Decision	<p>The development complies or has been conditioned to comply with all applicable Acceptable Outcomes. Conditions have been imposed in relation to the following:</p> <ul style="list-style-type: none">- PO7 in relation to Setbacks and Boundary clearances,- PO10 in relation to Lighting,- PO12 in relation to Water supply,- PO13 in relation to Effluent Disposal,- PO14 in relation to Stormwater,- PO15 in relation to Electricity,- PO16 in relation to Vehicle access,- PO17 in relation to Vehicle parking and Service vehicle provision,- PO18 in relation to Firebreaks and fire maintenance trails,- PO23 in relation to Vegetation retention,- PO25 in relation to Air Emissions,- PO26 in relation to Noise Emissions,- PO27 in relation to Water Quality,- PO28 in relation to Excavation or Filling,- PO29 in relation to Construction Activities,- PO34 in relation to Sloping Land,- PO35 in relation to Bushfire Hazard.

9. Appeal rights

The rights of an applicant to appeal to a tribunal or the Planning and Environment Court against a decision about a development application are set out in chapter 6, part 1 of the Planning Act 2016. For particular applications, there may also be a right to make an application for a declaration by a tribunal (see chapter 6, part 2 of the Planning Act 2016).

Appeal by an applicant

An applicant for a development application may appeal to the Planning and Environment Court against the following:

- the refusal of all or part of the development application
- a provision of the development approval
- the decision to give a preliminary approval when a development permit was applied for
- a deemed refusal of the development application.

An applicant may also have a right to appeal to the Development tribunal. For more information, see schedule 1 of the Planning Act 2016.

Appeal by a submitter

A submitter for a development application may appeal to the Planning and Environment Court against:

- any part of the development application for the development approval that required impact assessment
- a variation request.

The timeframes for starting an appeal in the Planning and Environment Court are set out in section 229 of the Planning Act 2016.

Attachment 2 is an extract from the Planning Act 2016 that sets down the applicant's appeal rights and the appeal rights of a submitter.

The Planning and Environment Court appeals database lists all the appeals lodged in the Planning and Environment Court since 15 March 2008, which the department has been notified of. It contains information about the appeal, including the appeal number, site address, local government area, and a copy of the appeal notice, including grounds for the appeal. The appeal database is an easy way for anyone to obtain information about an appeal or check if an appeal has been lodged for a specific development application or approval.

The appeal database is available at <https://planning.dsdmip.qld.gov.au/planning/our-planning-system/dispute-resolution>.

Should you require further assistance in relation to this matter, please do not hesitate to contact Council's Development Services section on (07) 4992 9500, quoting you application number of MCU013-20/21.

Yours Sincerely



Rentia Robertson
TOWN PLANNER

CC All Referral Agencies (both advice and concurrence)

State Assessment and Referral Agency (SARA)
rockhamptonSARA@dilgp.qld.gov.au

Enc Attachment 1 – Part A Conditions imposed by the Assessment Manager
Attachment 1 – Part B Assessment Manager Notes
Attachment 1 – Part C Conditions imposed by SARA
Attachment 2 – Appeal Rights
Attachment 3 – Approved Drawings
Attachment 4 – Requirements for Construction Environmental
Management Plan

Attachment 1

Part A - Conditions imposed by the Assessment Manager

General

- 1 The proposed Material Change of Use is to be completed and carried out generally in accordance with the following approved plans and reports submitted with the Development Application, except where modified by the conditions of this Development Approval –

Plan/Document number	Plan/Document name	Date
12523425-02-A001 Rev: A	Location Plan as prepared by GHD	28.06.21
12523425-02-A010 Rev: A	Site Plan as prepared by GHD	28.06.21
12523425-02-A110 Rev: A	General Arrangement – Floor Plan as prepared by GHD	28.06.21
12523425-02-A111 Rev: A	Site Elevation as prepared by GHD	28.06.21
12523425-02-A400 Rev: A	Elevations as prepared by GHD	28.06.21
12523425-02-C001 Rev: A	General Construction Plan as prepared by GHD	28.06.21

- 2 Comply with all of the conditions of this Development Approval prior to the commencement of the use, unless otherwise stated within this Decision Notice, and maintain compliance for the duration of the approved use.
- 3 Exercise the approval and complete all associated works, including any relocation or installation of services, at no cost to Council.
- 4 Alterations to public utilities, mains and services made necessary in connection with any of the works arising from this approval including works to restore and reinstate all roads are to be completed at no cost to Council.

Approved Use

- 5 The approved use of the premises is for a public utility for the purposes of a radar facility that provides weather information to the region.
- 6 A 10m fire protection zone will be maintained around the 20m x 20m compound.

Setbacks

- 7 Buildings” and “Structures” have a setback of not less than 20 metres from any road frontage. “Buildings” and “Structures” have side and rear boundary clearances of not less than 15 metres from property boundaries.

Building works

- 8 The applicant shall obtain a development approval for building work associated with the demolition/new work associated with the approval.
- 9 The applicant shall obtain a permit for all plumbing and drainage work.
- 10 Roof water from the building shall be conveyed to the water storage tanks with any overflow directed to a suitable discharge point.

Water Supply

- 11 Provide a sufficient supply of potable water for all staff and visitors associated with the approved use. The water must satisfy the Australian Drinking Water Guidelines or relevant standard applicable at the time.
- 12 At the time of lodging a building application, documentation is required to be submitted to Council that demonstrates that on site water storage of not less than 5,000 Litre is available for the emergency purposes for the development.

Environmental Management Plan(s)

- 13 A Construction Environmental Management Plan (CEMP) must be prepared for construction works by a suitably qualified and experienced person. The plan is to ensure all potential impacts of the development are adequately controlled and provide practical and achievable prevention, minimisation and mitigation strategies for controlling environmental impacts of the development.
- 14 The Applicant must submit the Construction Environmental Management Plan (CEMP) to Council for approval at least 40 working days prior to construction commencing. The plan must be approved by Council before construction commences and be available on-site for inspection by Council Officers whilst all works are being carried out.

Sediment and Erosion Control

- 15 An Erosion and Sediment Control Plan (ESCP) must be prepared for construction works by a Registered Professional Engineer of Queensland in accordance with the Capricorn Municipal Design Guidelines.
- 16 The ESCP must be submitted to Council for approval least 40 working days prior to construction commencing. Erosion and sediment control measures must be implemented, monitored and maintained for the duration of the works in accordance with the approved plan, and until all exposed soil areas are

permanently stabilised (for example, turfed, hydromulched, concreted, landscaped). The plan must be available on-site for inspection by Council Officers whilst all works are being carried out.

Rehabilitation

- 17** Where practicable, topsoil from disturbed areas is to be managed (removed separately from lower soil horizons, stockpiled independently and preserved) for reuse onsite as part of post construction works site restoration/rehabilitation.
- 18** Restoration/rehabilitation works are to include levelling/shaping of ground, and re-seeding or the application of hydromulch to all disturbed areas. All species used are to be endemic to the area and/or non-invasive, and suitable to the location and for the intended purpose.

Chemical Management

- 19** Any oil, fuel, paints and chemicals kept on site are to be stored within a bund or otherwise in a manner that will prevent spills onto land or into stormwater.

Air and Light

- 20** Air, dust and light emissions must be appropriately managed to prevent environmental nuisance beyond the boundaries of the property during all stages of the development including earthworks, construction and operations.
- 21** All artificial illumination is to be designed and installed so as not to cause a nuisance to occupants of nearby premises and any passing traffic. Security and flood lighting is to be directed away from adjacent premises to minimise the protrusion of light outside the site.

Incinerating Toilet Ash Waste Management

- 22** Incinerated toilet waste must not be disposed of on site. Incinerated toilet waste is to be taken to a licenced waste facility legally licenced to accept such waste by a licenced regulated waste transporter.

Biosecurity

- 23** Imported soil/fill used for construction of the raised pad area and batters must be certified as weed free. A Weed Hygiene Declaration for the soil is to be provided to Council on request.

Crossover and Driveways

- 24** A rural access is to be provided as per the following:
- a** Remove all disused vehicle entrances and reinstate road formation consistent with the adjacent road profile; and
 - b** A rural access is to be constructed as per the proposed plan and in accordance with the requirements of the Capricorn Municipal Development Guidelines (Standard Drawing CMDG-R-040). Please note that the dimensions listed on this standard drawing are considered the minimum required for compliance.
- 25** The access shall be constructed to provide stormwater drainage to accommodate a storm event for an ARI of two (2) years.
- 26** The Department of Resources shall be notified of any clearing outside of three (3) metres from the edge of the road formation that may be required during the construction of the new access.
- 27** The works required for the construction of the proposed rural access are to proceed with a minimal interruption to traffic and any necessary steps for the protection of traffic and the public during construction should be undertaken at no cost to Council.
- 28** Any damage incurred by the existing road surface, services or furniture as a result of the works required for the construction of the access is to be repaired to the pre-existing or better condition at no cost to Council.
- 29** All disturbed areas within the road reserve are to be rehabilitated so as to be stable during rain events. All disturbed areas and rehabilitate sections of the road formation will be On Maintenance for a period not less than 12 months.
- 30** Applicant proposes to fill the area and access road to achieve a 300mm level above crown of Smiths Road. The driveway must not redirect water out onto the travel lane of the road. The surface of the driveway must not be higher than the shoulder of the road.

Vehicle Parking and Manoeuvring Areas

- 31** A minimum of 1 car parking space must be provided and marked on the site, and made available and accessible at all times while the use is operating. The works must be undertaken in accordance with development approval and must include in particular:

- a** visitor/staff parking spaces, which are clearly marked and/or delineated, accessible at all times for use, located and fully contained within the title boundaries of the site;
 - b** cross falls and gradients in accordance with Australian Standard AS2890: Parking Facilities.
- 32** All car parking areas and access driveways must be maintained exclusively for vehicle parking and manoeuvring and kept in a tidy and safe condition at all times.
- 33** All vehicle car parking spaces that adjoin a landscaped area must include a 150mm high vertical concrete kerb or similar obstruction to prevent encroachment.
- 34** No vehicle storage or parking is permitted on the adjoining road reserve.

Lighting

- 35** Any lighting or illuminations including driveway lighting, down lighting from the premises are to be designed in accordance with Australian Standard: AS 4282 Control of the obtrusive effects of outdoor lighting, to ensure that no nuisance is caused to adjoining or adjacent premises and to road users.

Landscaping

- 36** Any landscaping proposed to occur along a Road frontage, within 2m of the property boundary, is to be maintained or have a mature height no greater than 900mm.
- 37** Any proposed landscaped/street scaping works within Council's Road Reserve must comply with the requirements of the Capricorn Municipal Development Guidelines (Standard Drawing CMDG-G-016).

Stormwater Drainage

- 38** A stormwater management plan is to be prepared by a suitably qualified person and provided to Council for consideration for approval. The stormwater management plan must define the stormwater management during construction and throughout the use of the facility. Stormwater management plan is to define how stormwater runoff is directed away from the facility during both minor and major event as per requirements of the Queensland Urban Drainage Manual (QUDM). Stormwater management plan is to demonstrate that during a major event that runoff from impervious areas have no impact on flooding and environmental impacts. This is to include but not limited to,
 - a** site stability – sediment and erosion
 - b** drainage system design

- 39 Stormwater runoff is to discharge to Council's stormwater drainage system or a legal point of discharge. This plan must comply with the requirements of the Capricorn Municipal Development Guidelines.
- 40 All stormwater infrastructure must be designed and constructed, prior to the commencement of use, as per the requirements of the Stormwater Management Plan.
- 41 In the event that a material change to the pre-development stormwater overland flows will occur, provide written evidence, to Council's satisfaction, of a legal right to discharge stormwater over the downstream land in the proposed method.
- 42 Ponding of stormwater resulting from the development must not occur on adjacent properties.
- 43 All stormwater being discharged from the site is to meet the requirements of the QUDM and Capricorn Municipal Development Guidelines.
 - a Contaminated water must not be directly or indirectly released from the premises onto the ground or into the groundwater at the premises.
- 44 Releases to stormwater must not cause any visible oil slick or other visible evidence of oil or grease, nor contain visible grease, scum, litter or floating oil.

Amenity

- 45 The development area must be maintained in a safe and tidy manner at all times.

Waste Management

- 46 Waste must not be burned at the premises.

Operational works

Design Plans

- 47** The proposed development must generally comply with:
- a** the approved plan(s), unless otherwise specified by any condition of this approval; and
 - b** all relevant Council Planning Scheme Policies, standard drawings, standard specifications and guidelines.
- 48** This approval is issued on the understanding that the design complies with the Capricorn Municipal Development Guidelines, Council's planning scheme and with all conditions of associated relevant decision notices.

Engineering Drawings

- 49** Engineering Drawings are to be resubmitted to Council for review and consideration for approval. Drawings are to be revised to include RPEQ certification, be stamped "For Construction", and to include the following amendments;
- a** Drawing 12523425-02-C001 requires to have the following amendments made:
 - i** Reference to CMDG-R-040A is to be changed or removed – not an approved drawing for BSC. Approved floodway drawing is to be referenced and detailed or an RPEQ certified crossover provided to Council for Council approval. Floodway/crossover/pipe design is to include RPEQ certified hydraulic calculations.
 - ii** Sections A and B reference Drawing C003. Provide Drawing 12523425-02-C003.
 - iii** Diversion drain note refers to Drawing 12523425-02-C001 for detail. Resubmit drawing to include detail on drawing sheet or amend to reference correct drawing sheet.
 - iv** Guide posts are not denoted at either end of the floodway/pipe as per minimum requirement of CMDG D15. Amend drawing to include guide posts at either edge of floodway/crossover.
 - v** Concrete pavement detail note refers to standard drawing CMDG-R-040A. CMDG-R-040A is not applicable to BSC. Note shall be changes to be reference standard drawing applicable to BSC or provide an RPEQ certified detail for Council approval.
 - vi** Pavement details are not typical; provide engineering calculations for specification with RPEQ sign off.
 - vii** Unsealed pavement detail specifies two layers of type 2.2 material. Type 2.2 pavement is not a suitable as a running surface for unsealed pavements. Provide RPEQ sign off for the detail, or amend detail to seal pavement, or amend detail to specify a durable surface pavement type for an unsealed road.
 - viii** Pavement Note 21 refers to Drawing 12523425-02-C002 for contour and set out plan. Drawing 12523425-02-C002 has not been supplied

as part of submission. Resubmit drawing package including Drawing 12523425-02-C002.

- ix Quality Assurance section refers to RMS, note should be amended to refer to relevant TMR or CMDG specification/s.
- b "Typical Access Cross Section" in Drawing CMDG-R-040 is not referenced in drawing nor are any sections provided that detail conformance with this minimum requirement.
- c Swept path plans from largest vehicle likely to use the driveway are to be submitted for approval.
- d Amended plans shall be in accordance with the requirements of Schedule 1 of the Taroom Planning Scheme 2006. Where no standard is provided in Schedule 1, CMDG documents that are endorsed by BSC shall be used. All designs that are not of a prescribed standard endorsed by BSC shall be certified by a suitable qualified RPEQ.

Insurance and Indemnity

- 50** From the commencement of works until the commencement of the Maintenance Period, the development must be insured against public liability (\$10 million dollar minimum cover) and other claims arising from the works, and Council must be indemnified against liability. Council must be included as an interested party on the insurance policy. Evidence of the insurance and indemnification are to be submitted to Council prior to commencing construction.

Notice to Commence Works/Pre-start Meeting

- 51** A 'Notice of Intention to Commence Works' (included as part of this approval) is to be completed and submitted to Council seven (7) days prior to the commencement of construction activities. Details of the organisation responsible for the construction works, and their direct contact information, are to be provided on this form.
- 52** A Pre-start Meeting must be convened on-site with a Council officer prior to commencing works. The pre-start meeting must review:
- a Representatives, roles and contact details of the Developer, Engineering Consultant(s), Specialist Consultant(s), contractor and Council officer(s);
 - b Conditions of the Operational Works approval;
 - c Construction methodology and program (including inspection schedule);
 - d Site access;
 - e Identification of existing infrastructure;
 - f Traffic Management (eg. Detours, construction of side tracks, traffic control, etc.);
 - g Site safety inductions and plans;
 - h Requirements of other authorities and legislation; and
 - i Insurance and indemnity.

Works must not commence until the requirements of a pre-start meeting have been satisfied.

Pre-start Requirements

- 53** A Traffic Management Plan, in accordance with the requirements of the current Queensland Department of Transport and Main Roads 'Manual of Uniform Traffic Control Devices' (MUTCD), is to be submitted to Council prior to the commencement of construction. The plan is to be signed by a suitably qualified person (name and qualification/s shown) and a copy is to be retained by the on-site staff.
- 54** Traffic control measures as per the submitted Traffic Management Plan are to be put in place prior to the commencement of construction.
- 55** Contact must be made with 'Dial Before You Dig' prior to the commencement of construction in order to determine the location of any underground service utilises in the construction area. Care must be taken to avoid damage to service utilities identified. Any damage to these services must be repaired at no cost to Council.

Inspections

- 56** Inspections are required to be completed in accordance with the requirements of the Capricorn Municipal Development Guidelines. The following inspections are required, and must be witnessed by Council Officer(s), as part of this approval:
- a** Subgrade of roadworks at completion of trimming;
 - b** Subbase of roadworks at completion of trimming;
 - c** Road base and all services under roads, prior to sealing (pre-seal);
 - d** Pre-pour inspection of concrete crossover
 - e** Inspection of pipe placement prior to backfill
 - f** All works prior to becoming 'On Maintenance'; and
 - g** All works prior to becoming 'Off Maintenance'.

The Council Officer(s) inspecting the site must be allowed to conduct other regular site inspections, subject to normal WH&S requirements, in order to monitor development progress and general compliance with the development approval.

- 57** An "On Maintenance" inspection is to be lodged at the completion of construction works on the road formation. The On Maintenance period will commence once all defects are rectified and On Maintenance certificate provided. During the On Maintenance period the developer is responsible for all defects that occur within the disturbed area. All maintenance is to be completed at no expense to the Banana Shire Council.
- 58** An Off Maintenance inspection is to be scheduled not before 12 months of being On Maintenance. Areas will not come off maintenance until all defects identified in the Off Maintenance inspection have been rectified and an Off Maintenance Certificate is provided. The exception to this is the property access and its compenence will remain the responsibility of the property/business owner.

END OF CONDITIONS

Attachment 1

Part B - Assessment Manager Notes

- A** The approved development must also comply with Council's current Local Laws under the Local Government Act 2009.
- B** Failure to ensure ongoing compliance with the conditions of this Development Approval including conditions relating to the ongoing use of the premise, and the design and layout of the development may constitute an offence under the Planning Act.
- C** The applicant is responsible for ensuring Queensland Fire Services requirements are met with respect to this development which may include but not be limited to the installation/upgrade of holding tanks or pumps as necessary to meet flow and pressure requirements.
- D** Where further development is proposed it is the applicant's / developer's responsibility to ensure further approvals are sought as required by the Banana Shire Council Planning Scheme.
- E** In carrying out the activity or works associated with the development, all reasonable and practical measures are to be taken to minimise releases and the likelihood of releases of contaminants to the environment, except as otherwise provided by the conditions of this development approval.
- F** The applicant and or owner/s of the land and the person/s responsible for the management of the premise is/are to ensure ongoing compliance with conditions of this Development Permit including Conditions relating to the ongoing use of the premise, and the design and layout of the development.
- G** Pursuant to section 75 of the *Local Government Act 2009*, Council's written approval is required to carry out works on a road, or interfere with a road or its operation. This requirement applies to all Council-controlled roads within its local government area. The process for obtaining approval is set out in Council's *Local Law No. 1 (Administration) 2011*. Approval must be obtained prior to the commencement of the works.
- H** Any works on roads shall be conducted in accordance with the Queensland Department of Transport and Main Roads, "Manual of Uniform Traffic Control Devices – Part 3".
- I** All works required pursuant to these conditions shall be undertaken and completed in accordance with Council's Standards - Capricorn Municipal Development Guidelines (www.cmdg.com.au) at the Applicant's expense.
- J** Please note the conditions dated 26 July 2021 imposed by the State Assessment and Referral Agency (SARA) as a concurrence agency and attached to this Decision Notice.

Engineering

- A** Prior to commencing any additional works of the following construction activities that are not noted in the approved design or engineering drawings or are not part of this development approval, the applicant/developer will be required to obtain a development permit for operational work:
- i** Internal roadworks;
 - ii** external roadworks;
 - iii** internal pathways;
 - iv** earthworks;
 - v** stormwater drainage ;
 - vi** erosion and sediment control;
 - vii** internal and external lighting; and
 - viii** landscaping
- B** The location of the access to be provided to Lot 48FT602 is to provide an adequate sight distance so as to accommodate the existing speed environment.
- C** Any works on roads shall be conducted in accordance with the applicable Queensland Department of Transport and Main Roads.
- D** All damage incurred to existing roads, services or street furniture as a result of the proposed development shall be repaired within a reasonable period at the developer's expense.
- E** All works required pursuant to these conditions shall be undertaken and completed in accordance with Council's Standards - Capricorn Municipal Development Guidelines (www.cmdg.com.au) at the Applicant's expense.
- F** Appropriate building measures are to be incorporated into the final design to cater for noise attenuation in accordance with the Queensland Development Code, the Building Code of Australia, the *Environmental Protection Act 1994*, and all relevant standards.
- G** Amendments to drawings will require a Minor Change to Application being lodge with Council. Amendments to the approved plans are required to be endorsed by Council prior to the implementation of any changes. A copy of the full set of 'For Construction' plans for the proposed works (A3 drawings), incorporating the amendments required by the conditions of this approval and signed by a Registered Professional Engineer Queensland (RPEQ), must be re-submitted to Council for approval prior to the commencement of works.

Vegetation Clearing

- A The applicant shall receive permission from the DNRME for any clearing that may be required as part of this application not contained within three (3) metres of an existing road formation.
- B All tree and vegetation removal works must be undertaken by a qualified person.

Cultural Heritage

- A This development approval does not authorise any activity that may harm Aboriginal cultural heritage. Under the *Aboriginal Cultural Heritage Act 2003* you have a duty of care in relation to such heritage. Section 23(1) provides that, "A person who carries out an activity must take all reasonable and practicable measures to ensure the activity does not harm Aboriginal cultural heritage".

Council does not warrant that the approved development avoids affecting Aboriginal cultural heritage. It may therefore be prudent for you to carry out searches, consultation, or a cultural heritage assessment to ascertain the presence or otherwise of Aboriginal cultural heritage. The Act and the associated duty of care guidelines explain your obligations in more detail and should be consulted before proceeding.

General Environmental Duty

- A The *Environmental Protection Act 1994* lists obligations and duties to prevent environmental harm, nuisances and contamination. The two primary duties that apply to everyone in Queensland are:

general environmental duty – which means a person must not carry out any activity that causes or is likely to cause environmental harm, unless measures to prevent or minimise the harm have been taken; and

duty to notify of environmental harm – to inform the administering authority and landowner or occupier when an incident has occurred that may have caused or threatens serious or material environmental harm.

Construction Environmental Management Plan

- A A guidance document titled 'Requirements for Construction Environmental Management Plan' has been included to assist applicants with the preparation of their Construction Environmental Management Plan (CEMP). It is not intended as a comprehensive list of all Environmental and Cultural Heritage considerations relating to your proposal. A risk based assessment should be undertaken to determine the appropriate elements to be included in your CEMP.

Nature Conservation (Animals)

- A** It is an offence under section 335 of the Nature Conservation (Animals) Regulation 2020 to remove, or tamper with, an animal breeding place that is being used by a protected animal to incubate or rear the animal's offspring.

Animal breeding places include obvious structures such as bird nests and tree hollows, as well as more cryptic places such as amphibian or reptile habitat where breeding takes place. Where activities are likely to impact on an animal breeding place, the applicant should contact the Queensland Department of Environment and Science to discuss if additional actions are required to be undertaken to meet obligations under the *Nature Conservation Act 1992*.

Water

- A** During construction, stockpiles and areas of bare soil or earth that are likely to become eroded must be adequately protected – by upslope surface water diversion, downslope sediment fencing and/or temporary surface coverings.
- B** Development shall comply with the applicable requirements of the Environmental Protection (Water and Wetland Biodiversity) Policy 2019.
- C** It is an offence under the *Environmental Protection Act 1994* to discharge prescribed water contaminants to a stormwater drain, roadside gutter or a watercourse. These include, but are not limited to sand, silt, mud, paint, concrete, building and demolition waste, and chemicals.

Air

- A** Works and operations must comply with applicable requirements of the Environmental Protection (Air) Policy 2019.

Waste

- A** It is an offence under the *Waste Reduction and Recycling Act 2011* to leave litter behind or allow litter to blow from site. All waste must be appropriately contained on site prior to removal.
- B** All regulated waste should be collected and transported by a licensed transporter and taken to an approved waste disposal facility.
- C** Trap Gully Landfill is the only approved waste facility within the Banana Shire for the disposal of commercial waste, limited regulated waste, clean fill or low level contaminated soil. Testing of soil for contaminants may be required.

Noise

- A** Activities must be managed such that noise emissions from the premises do not cause harm or nuisance to adjoining residents and comply with the requirements of the *Environmental Protection Act 1994* and Environmental Protection (Noise) Policy 2019.

Biosecurity

- A** Section 23 of the *Biosecurity Act 2014* outlines the General Biosecurity Obligation. All landowners have a General Biosecurity Obligation (GBO) for managing biosecurity risks that are under their control and that they know about or should reasonably be expected to know about. All individuals and organisations whose activities pose or is likely to pose a biosecurity risk must:
- i** take all reasonable and practical measures to prevent or minimise the biosecurity risk
 - ii** minimise the likelihood of causing a biosecurity event and limit the consequences if such an event occurs
 - iii** prevent or minimise the harmful effects a biosecurity risk could have
 - iv** not do anything that might make any harmful effects of a biosecurity risk worse

A biosecurity risk exists when you deal with any pest, disease, weed or contaminant. This includes moving an animal, plant, turf, soil, machinery and/or equipment that could carry a pest, disease, weed or contaminant.

- B** Vehicle movement during construction must be managed to prevent the spread of invasive plants. All vehicles used in weed infested areas must either be contained or cleaned to prevent the spread of invasive plant material. Washdown facilities are available within the Shire to help remove weed seeds, soil and other foreign matter from vehicles and machines, and Council officers are available to conduct vehicle inspections.

Regulated Vegetation

- A** The *Vegetation Management Act 1999* regulates the clearing of vegetation in Queensland. No interference or clearing of vegetation is to be undertaken (unless the clearing is exempt, a development approval authorising the clearing has been obtained or the clearing is authorised in accordance with a code). Contact the Queensland Department of Resources should you require any further information on these matters.

Local Laws – overgrown allotment and/or accumulated objects

- A** It is an offence under Local Law No.3 (Community and Environmental Management) 2011, to allow an allotment to become overgrown with

vegetation and/or accumulate objects to an extent that seriously effects visual amenity and/or is likely to harbor or attract reptiles.

Mosquito breeding

- A** The site is required to be appropriately drained, and equipment appropriately maintained so that water is not allowed to accumulate or pond in a manner that may allow mosquito breeding, as required under the Public Health Regulation 2018.

END OF NOTES

MCU013-20/21 Attachment 1
Part C - Conditions imposed by the SARA



SARA reference: 2107-23630 SRA
 Council reference: MCU013-20/21
 Applicant reference: 12523425

26 July 2021

Chief Executive Officer
 Banana Shire Council
 PO Box 412
 Biloela Qld 4715
 enquiries@banana.qld.gov.au

Attention: Craig Brown

Dear Sir/Madam

SARA response—26850 Leichhardt Highway, Taroom

(Referral agency response given under section 56 of the *Planning Act 2016*)

The development application described below was confirmed as properly referred by the State Assessment and Referral Agency (SARA) on 14 July 2021.

Response

Outcome:	Referral agency response - No requirements Under section 56(1)(a) of the <i>Planning Act 2016</i> , SARA advises it has no requirements relating to the application.
Date of response:	26 July 2021
Conditions:	The conditions in Attachment 1 must be attached to any development approval.
Advice:	Advice to the applicant is in Attachment 2 .
Reasons:	The reasons for the referral agency response are in Attachment 3 .

Development details

Description:	Development permit	Material Change of Use for a BoM Radar Facility
SARA role:	Referral Agency	
SARA trigger:	Schedule 10, Part 9, Division 4, Subdivision 2, Table 4, Item 1 (10.9.4.2.4.1) (Planning Regulation 2017)	

Development application for a material change of use within 25m of a State-controlled corridor (road)

SARA reference: 2107-23630 SRA

Assessment Manager: Banana Shire Council

Street address: 26850 Leichhardt Highway, Taroom

Real property description: 48FT602

Applicant name: Bureau of Meteorology C/- GHD Pty Ltd

Applicant contact details: Level 4, 211 Victoria Square
Adelaide SA 5000
Rebecca.Peardon@ghd.com

Representations

An applicant may make representations to a concurrence agency, at any time before the application is decided, about changing a matter in the referral agency response (s. 30 Development Assessment Rules).

Copies of the relevant provisions are in **Attachment 4**.

A copy of this response has been sent to the applicant for their information.

For further information please contact Jacklyn Neyenhuis, Planning Officer, on 4924 2918 or via email RockhamptonSARA@dasilgp.qld.gov.au who will be pleased to assist.

Yours sincerely



Anthony Walsh
Manager Planning

cc Bureau of Meteorology C/- GHD Pty Ltd, Rebecca.Peardon@ghd.com

enc Attachment 1 - Advice to the applicant
Attachment 2 - Reasons for referral agency response
Attachment 3 - Representations provisions

Attachment 1—Advice to the applicant

General advice	
1.	Terms and phrases used in this document are defined in the <i>Planning Act 2016</i> its regulation or the State Development Assessment Provisions (SDAP) [v2.6]. If a word remains undefined it has its ordinary meaning.

Attachment 2—Reasons for referral agency response

(Given under section 56(7) of the *Planning Act 2016*)

The reasons for SARA's decision are:

- The proposed development is for a material change of use for a BoM Radar Facility that has minor impacts.
- There are no identified or new impacts on the state-controlled road as part of the application.
- The development is considered to be minor and generally in accordance with the requirements of the State Development Assessment Provisions of State code 1.

Material used in the assessment of the application:

- The development application material and submitted plans
- *Planning Act 2016*
- Planning Regulation 2017
- The *State Development Assessment Provisions* (version [2.6])
- The Development Assessment Rules
- SARA DA Mapping system

Attachment 3—Change representation provisions

(page left intentionally blank)

Development Assessment Rules—Representations about a referral agency response

The following provisions are those set out in sections 28 and 30 of the Development Assessment Rules¹ regarding **representations about a referral agency response**

Part 6: Changes to the application and referral agency responses

28 Concurrence agency changes its response or gives a late response

- 28.1. Despite part 2, a concurrence agency may, after its referral agency assessment period and any further period agreed ends, change its referral agency response or give a late referral agency response before the application is decided, subject to section 28.2 and 28.3.
- 28.2. A concurrence agency may change its referral agency response at any time before the application is decided if—
- (a) the change is in response to a change which the assessment manager is satisfied is a change under section 26.1; or
 - (b) the Minister has given the concurrence agency a direction under section 99 of the Act; or
 - (c) the applicant has given written agreement to the change to the referral agency response.²
- 28.3. A concurrence agency may give a late referral agency response before the application is decided, if the applicant has given written agreement to the late referral agency response.
- 28.4. If a concurrence agency proposes to change its referral agency response under section 28.2(a), the concurrence agency must—
- (a) give notice of its intention to change its referral agency response to the assessment manager and a copy to the applicant within 5 days of receiving notice of the change under section 25.1; and
 - (b) the concurrence agency has 10 days from the day of giving notice under paragraph (a), or a further period agreed between the applicant and the concurrence agency, to give an amended referral agency response to the assessment manager and a copy to the applicant.

¹ Pursuant to Section 68 of the *Planning Act 2016*

² In the instance an applicant has made representations to the concurrence agency under section 30, and the concurrence agency agrees to make the change included in the representations, section 28.2(c) is taken to have been satisfied.

Part 7: Miscellaneous

30 Representations about a referral agency response

30.1. An applicant may make representations to a concurrence agency at any time before the application is decided, about changing a matter in the referral agency response.³

³ An applicant may elect, under section 32, to stop the assessment manager's decision period in which to take this action. If a concurrence agency wishes to amend their response in relation to representations made under this section, they must do so in accordance with section 28.

Attachment 2

Planning Act 2016 Extract on Appeal Rights

Part 1 Appeal rights

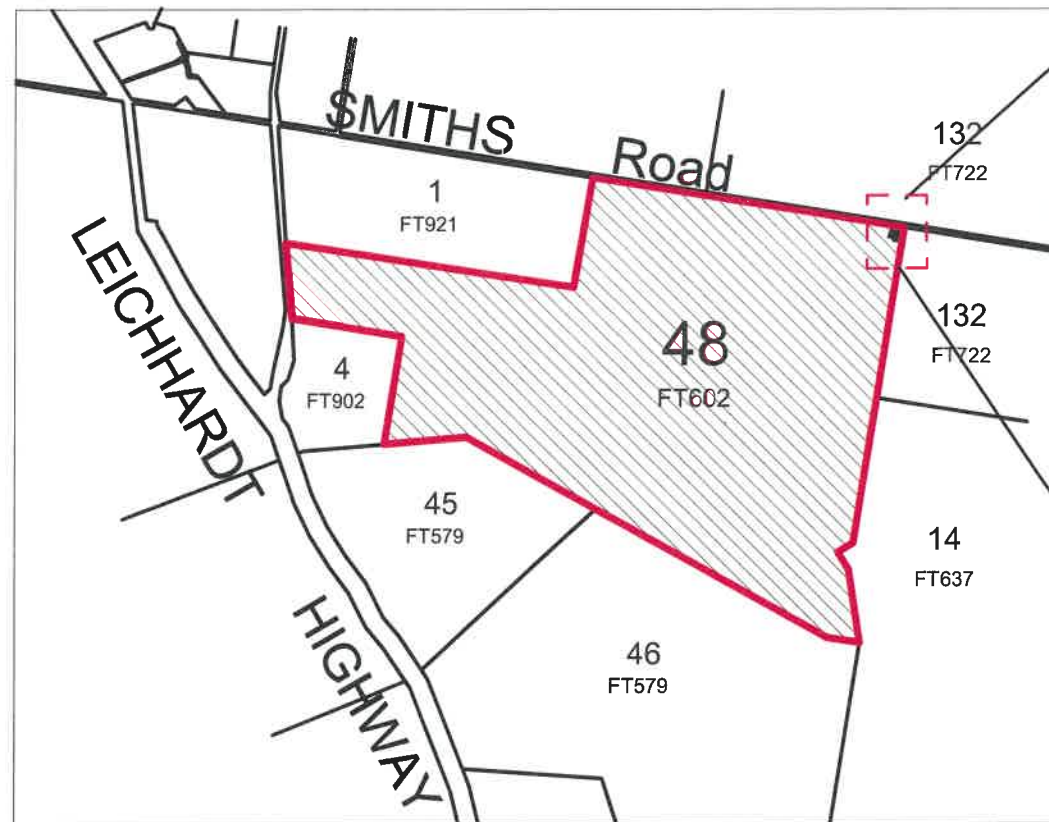
229 Appeals to tribunal or P&E Court

- (1) Schedule 1 states—
 - (a) matters that may be appealed to—
 - (i) either a tribunal or the P&E Court; or
 - (ii) only a tribunal; or
 - (iii) only the P&E Court; and
 - (b) the person—
 - (i) who may appeal a matter (the appellant); and
 - (ii) who is a respondent in an appeal of the matter; and
 - (iii) who is a co-respondent in an appeal of the matter; and
 - (iv) who may elect to be a co-respondent in an appeal of the matter.
- (2) An appellant may start an appeal within the appeal period.
- (3) The appeal period is—
 - (a) For an appeal by a building advisory agency—10 business days after a decision notice for the decision is given to the agency; or
 - (b) For an appeal against a deemed refusal—at any time after the deemed refusal happens; or
 - (c) for an appeal against a decision of the Minister, under chapter 7, part 4, to register premises or to renew the registration of premises—20 business days after a notice is published under section 269(3)(a) or (4); or
 - (d) for an appeal against an infrastructure charges notice—20 business days after the infrastructure charges notice is given to the person; or
 - (e) for an appeal about a deemed approval of a development application for which a decision notice has not been given—30 business days after the applicant gives the deemed approval notice to the assessment manager; or
 - (f) for any other appeal—20 business days after a notice of the decision for the matter, including an enforcement notice, is given to the person. Note— See the P&E Court Act for the court's power to extend the appeal period.
- (4) Each respondent and co-respondent for an appeal may be heard in the appeal.
- (5) If an appeal is only about a referral agency's response, the assessment manager may apply to the tribunal or P&E Court to withdraw from the appeal.
- (6) To remove any doubt, it is declared that an appeal against an infrastructure charges notice must not be about—
 - (a) the adopted charge itself; or
 - (b) for a decision about an offset or refund—
 - (i) the establishment cost of trunk infrastructure identified in a LGIP; or
 - (ii) The cost of infrastructure decided using the method included in the local government's charges resolution.

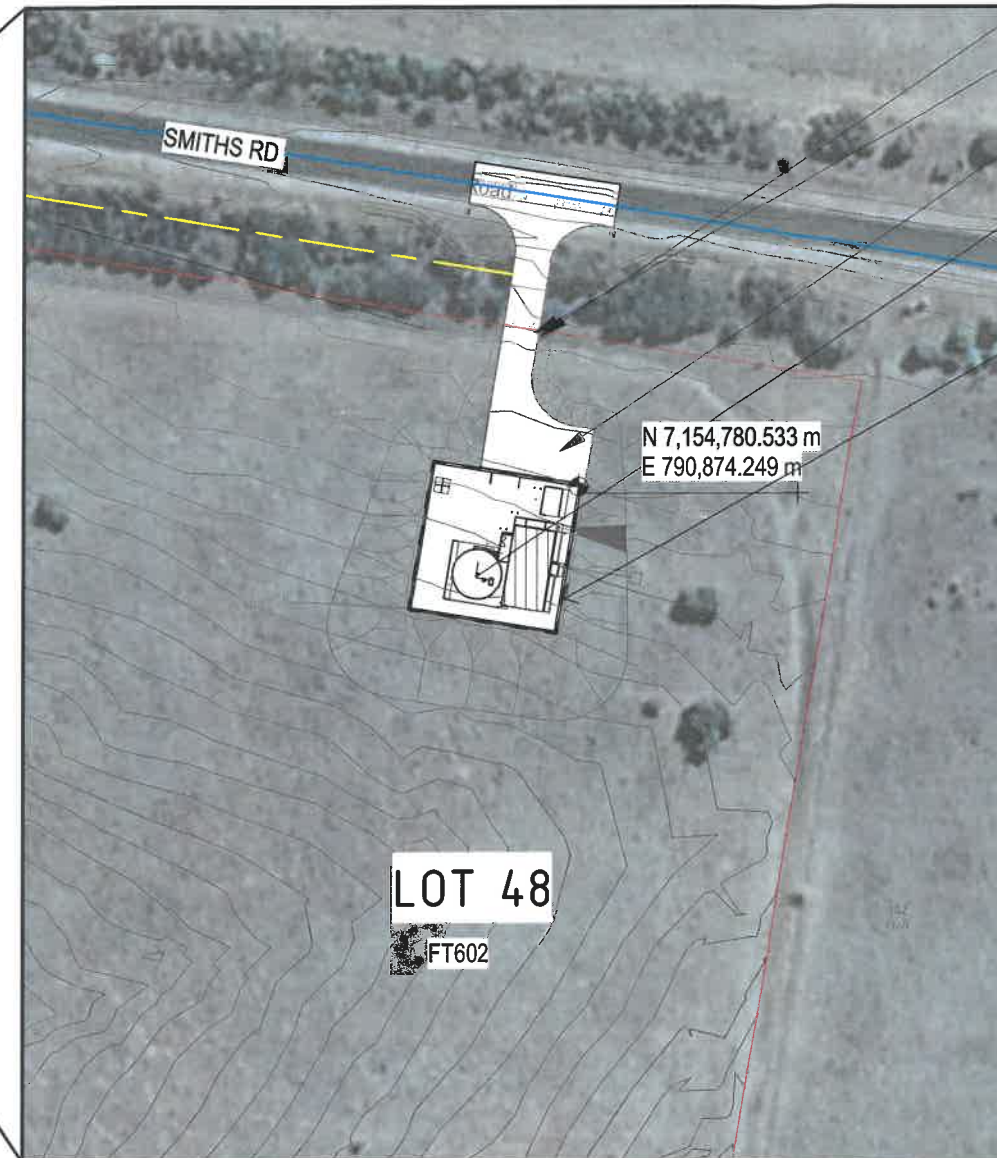
Attachment 3
Approved Drawings

LEGEND:

- EXISTING COMMUNICATIONS INFRASTRUCTURE
- SITE BOUNDARIES
- FUTURE POWER
- - - - BOM LEASE BOUNDARY



SITE BOUNDARY
SCALE 1 : 75000



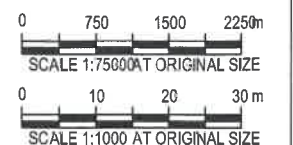
LOCATION PLAN
SCALE 1 : 1000

- SITE ACCESS
- 6M WIDE SEALED ACCESS EASMENT
- VEHICLE TURNING AREA
- NEW BOM WEATHER WATCH RADAR
- PROPOSED BOM LEASE AREA 20 X20. REFER A010 FOR FPZ LOCATION

Banana Shire Council
PLANNING APPROVAL

08 SEP 2021

mcu013-20/21



THIS RED NOTE DENOTES THE DRAWING CONTAINS INFORMATION IN COLOUR. THIS DRAWING SHALL BE PRINTED IN COLOUR TO REPRESENT CORRECT DOCUMENTATION.

PRELIMINARY

No	Revision	Note	Drawn	Job Manager	Project Director	Date
A	DEVELOPMENT APPROVAL		TJF	HJ*	CB*	28.06.21

Plot Date: 28/06/2021 2:15:38 PM
Cad File No: BIM 360/12523425 - BOM S1 Doppler-Site 01/12523425-BOM S1 Doppler-02_Taroom.rvt



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	Approved (Project Director) Date	
	Scale As Indicated	This Drawing must not be used for Construction unless signed as Approved

Client	AUSTRALIAN GOVERNMENT BUREAU OF METEOROLOGY
Project	S1 DOPPLER LOT 48 FT602 SMITHS RD TAROOM,
Title	QLD ARCHITECTURAL LOCATION PLAN
Original Size	A3
Drawing No:	12523425-02- A001
Rev:	A

THE EXISTENCE OF BURIED AND OVERHEAD PUBLIC SERVICES SHALL BE NOTED BY THE CONTRACTOR AND THE CONTRACTOR SHALL SATISFY ITSELF AS TO THEIR EXACT LOCATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURATE LOCATION OF ALL AFFECTED SERVICES PRIOR TO THE COMMENCEMENT OF WORKS, TAKING DUE CARE TO AVOID DAMAGE TO EXISTING INFRASTRUCTURE. AS A MINIMUM, A "DIAL-BEFORE-YOU-DIG" SEARCH IS NECESSARY

PROVIDE TUNDISH TO INTERFACE BUILDING MOUNTED DRAINAGE PIPEWORK TO UNDERGROUND SOAKAGE PIT PIPEWORK. COORDINATE FINAL LOCATION WITH SHELTER SHOP DRAWINGS

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH SURVEY DRAWING PART **LOT 48 FT602 - TAROOM** SURVEY FOR PROPOSED BOM RADAR SITE AND GHD CIVIL DRAWING 12523425-C001

SMITHS RD

PROVIDE FPZ 10M AROUND FACILITY

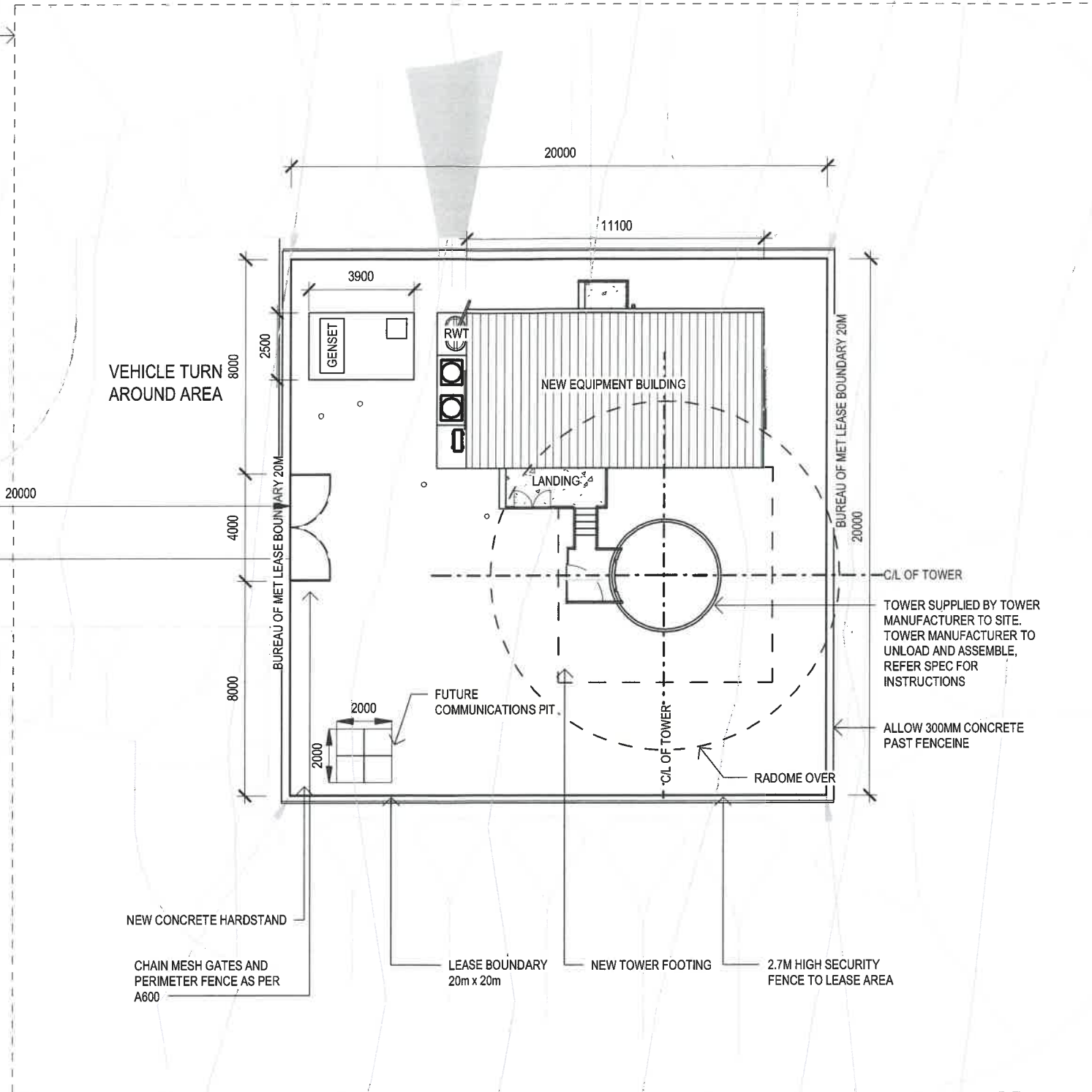
27198
27195
27193
27191
27187
27182

ACCESS ROAD

VEHICLE TURN AROUND AREA

NEW CONCRETE HARDSTAND

CHAIN MESH GATES AND PERIMETER FENCE AS PER A600



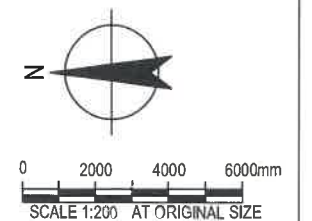
TOWER SUPPLIED BY TOWER MANUFACTURER TO SITE. TOWER MANUFACTURER TO UNLOAD AND ASSEMBLE, REFER SPEC FOR INSTRUCTIONS

ALLOW 300MM CONCRETE PAST FENCELINE

Banana Shire Council
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MC4013-20/21



PRELIMINARY

No	Revision	Note	Drawn	Job Manager	Project Director	Date
A	DEVELOPMENT APPROVAL		TJF	HJ*	CB*	28.06.21



Australian Government
Bureau of Meteorology



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GPO Box 2052 Adelaide SA 5001
T 81 8 8111 6800 F 81 8 8111 6899
E adimali@ghd.com.au W www.ghd.com

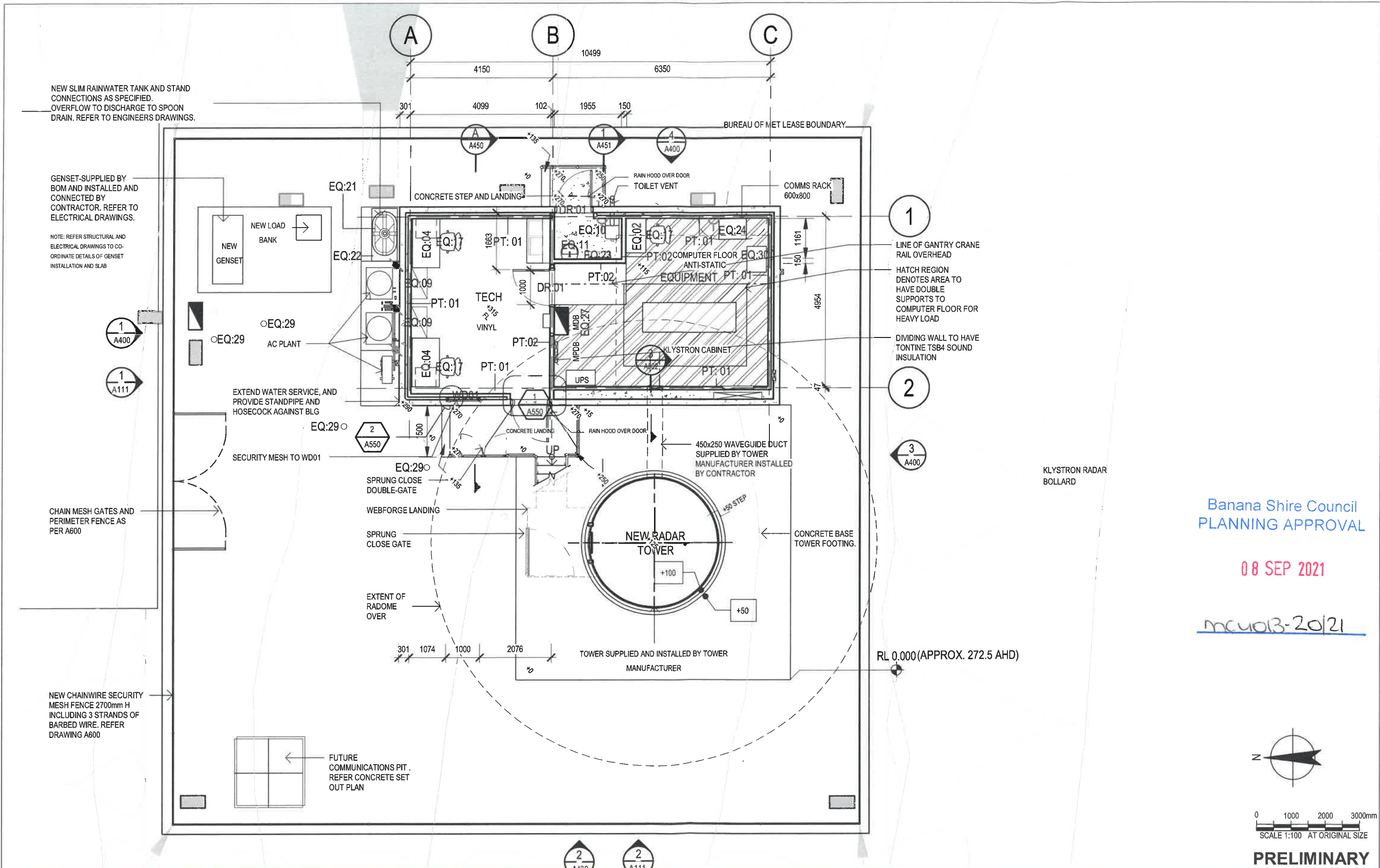
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Approved (Project Director)	Date		
Scale	1:200		

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Client	AUSTRALIAN GOVERNMENT BUREAU OF METEOROLOGY		
Project	S1 DOPPLER LOT 48 FT602 SMITHS RD TAROOM,		
Title	QLD ARCHITECTURAL SITE PLAN		
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Rev:	A		



Banana Shire Council
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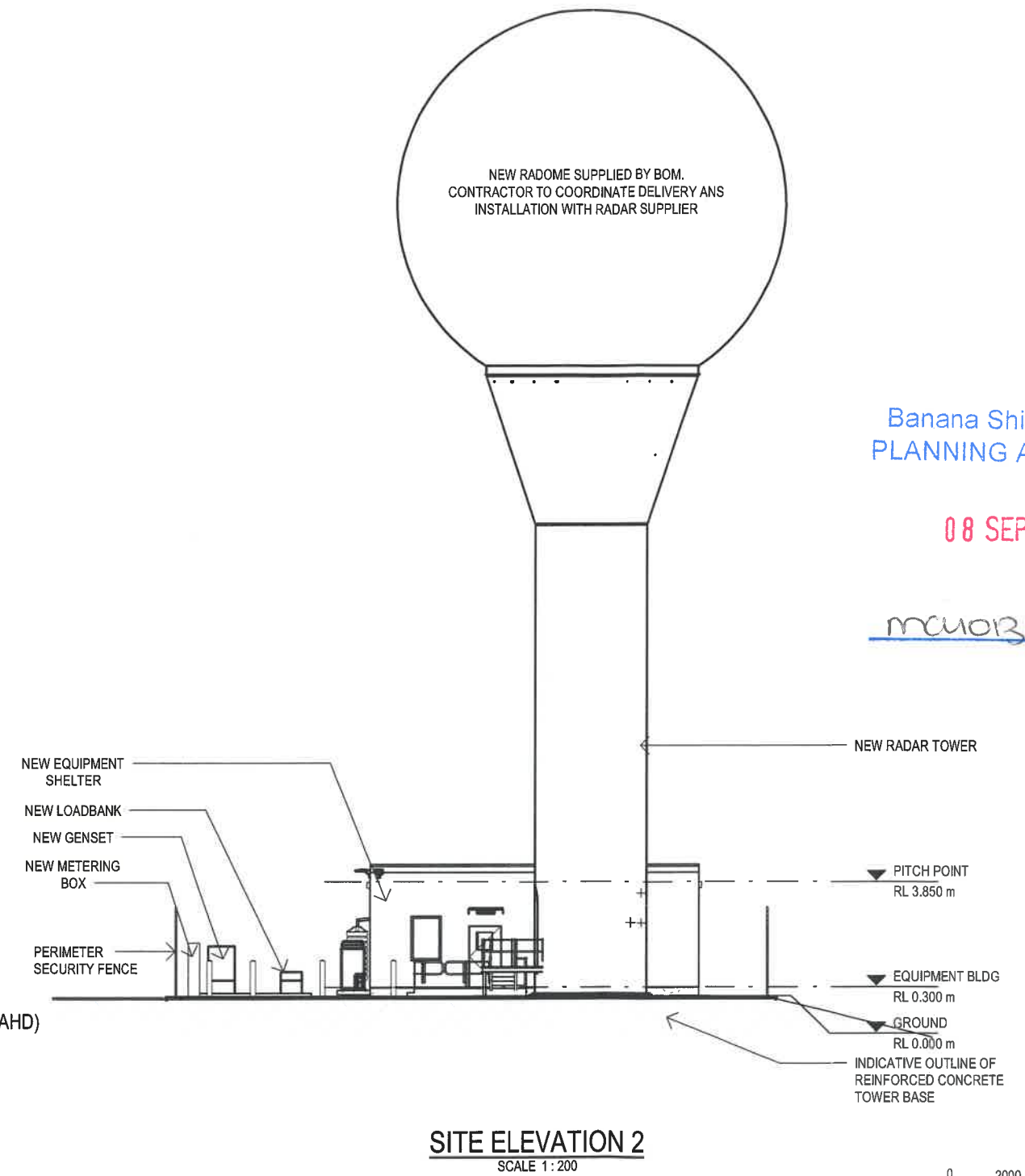
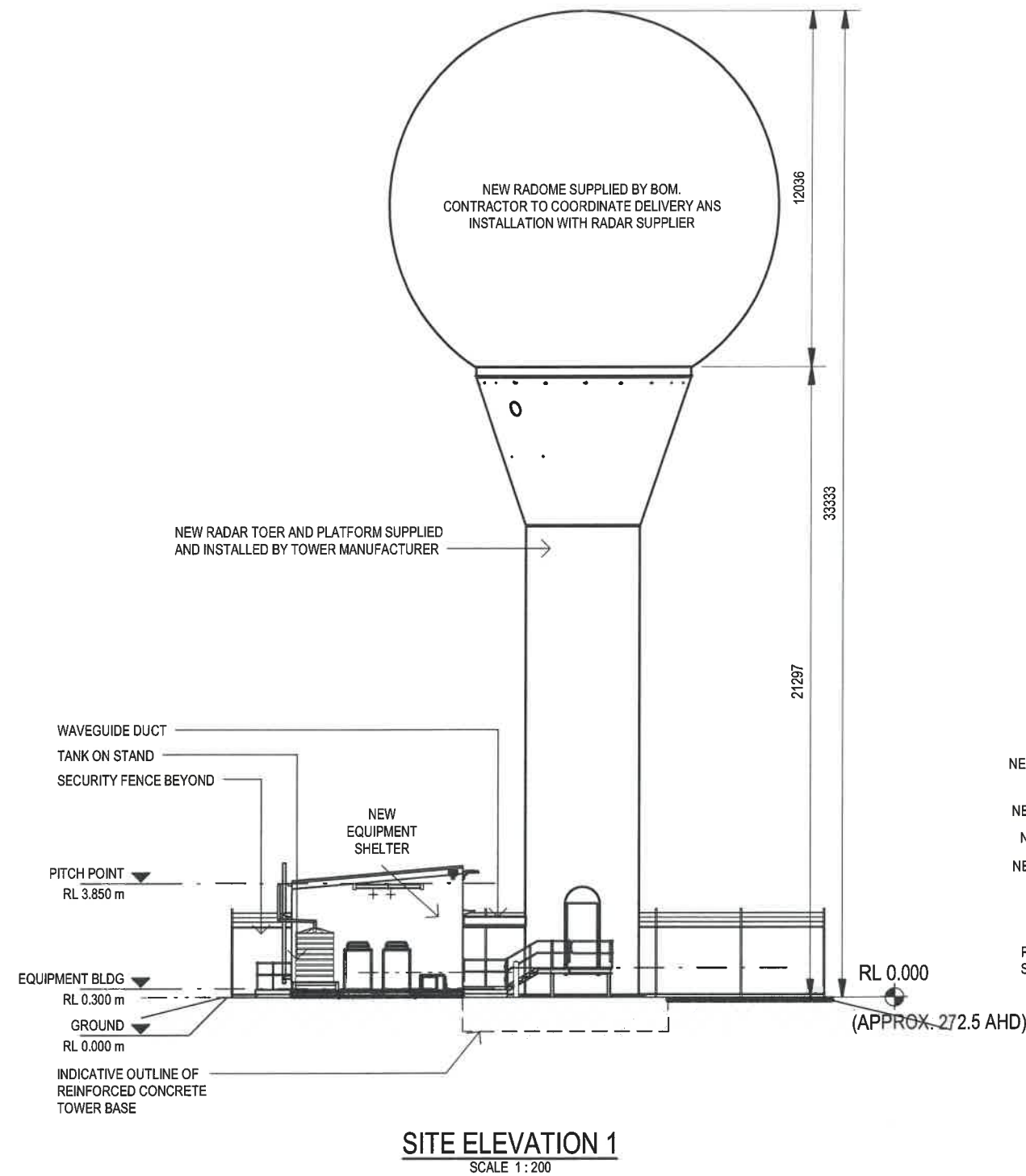
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No	Revision	Note: * indicates signatures on original issue of drawing or last revision of drawing	Drawn	Job Manager	Project Director	Date



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	Scale As indicated	This Drawing must not be used for Construction unless signed as Approved	Original Size A3
	Drawing No: 12523425-02- A110		Rev: A



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08 SEP 2021

mca1013-20/21



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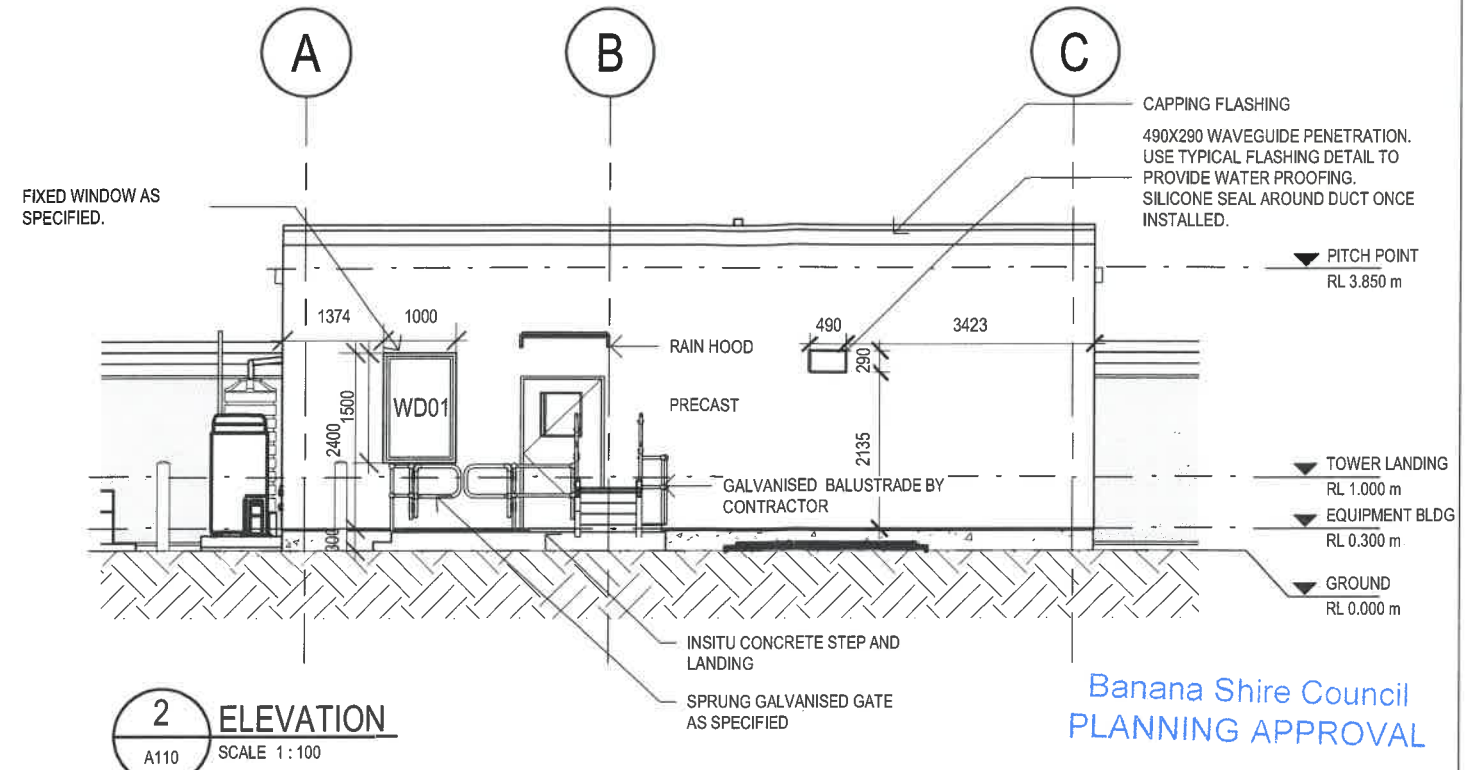
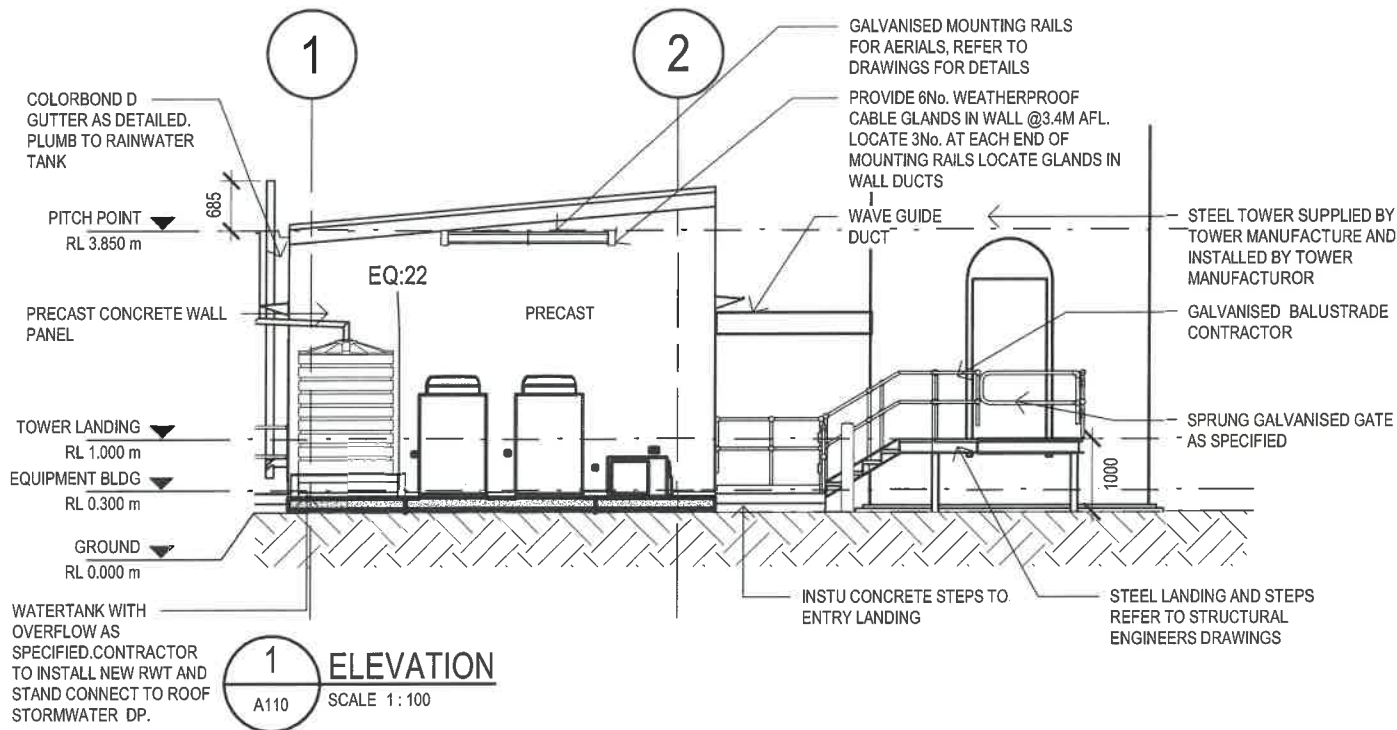
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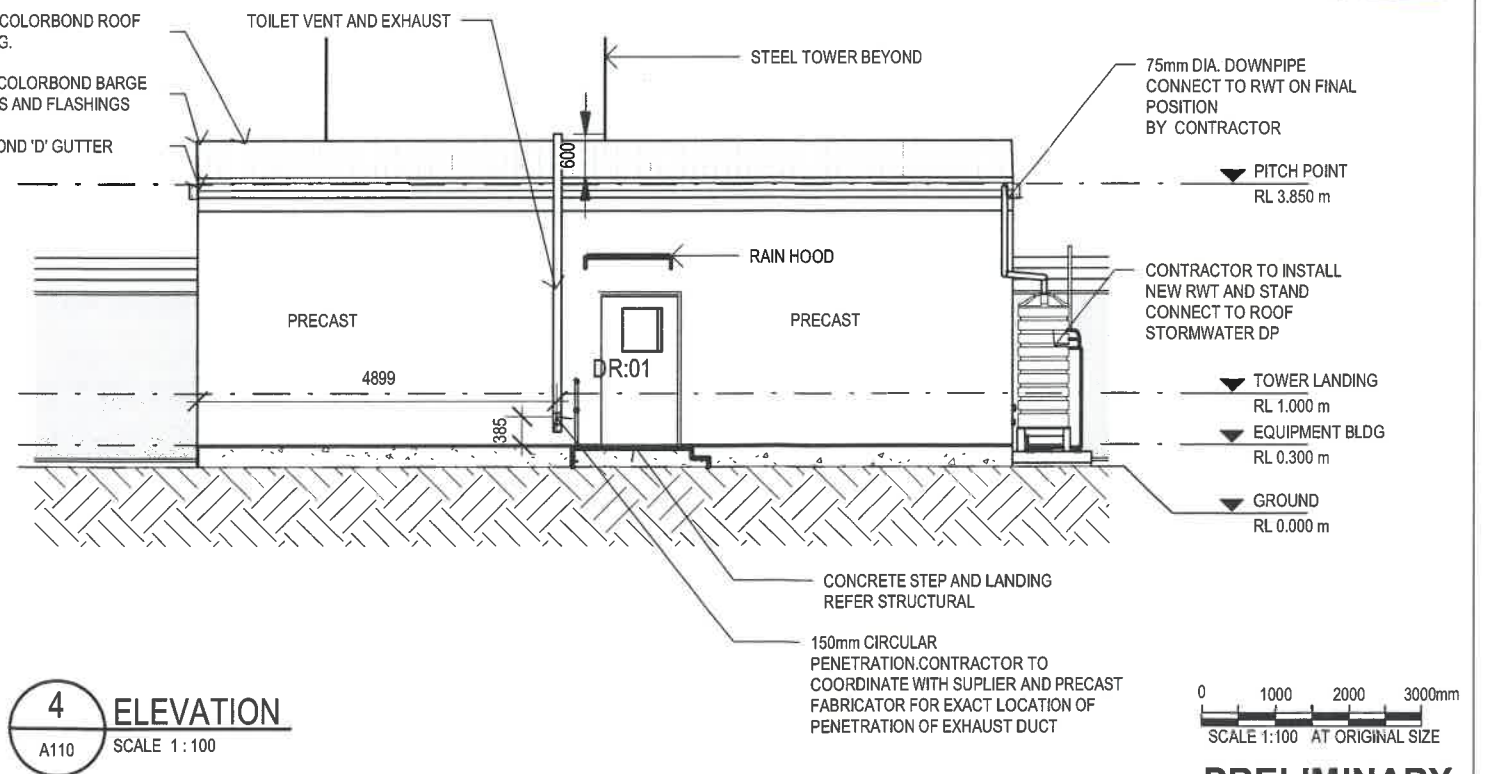
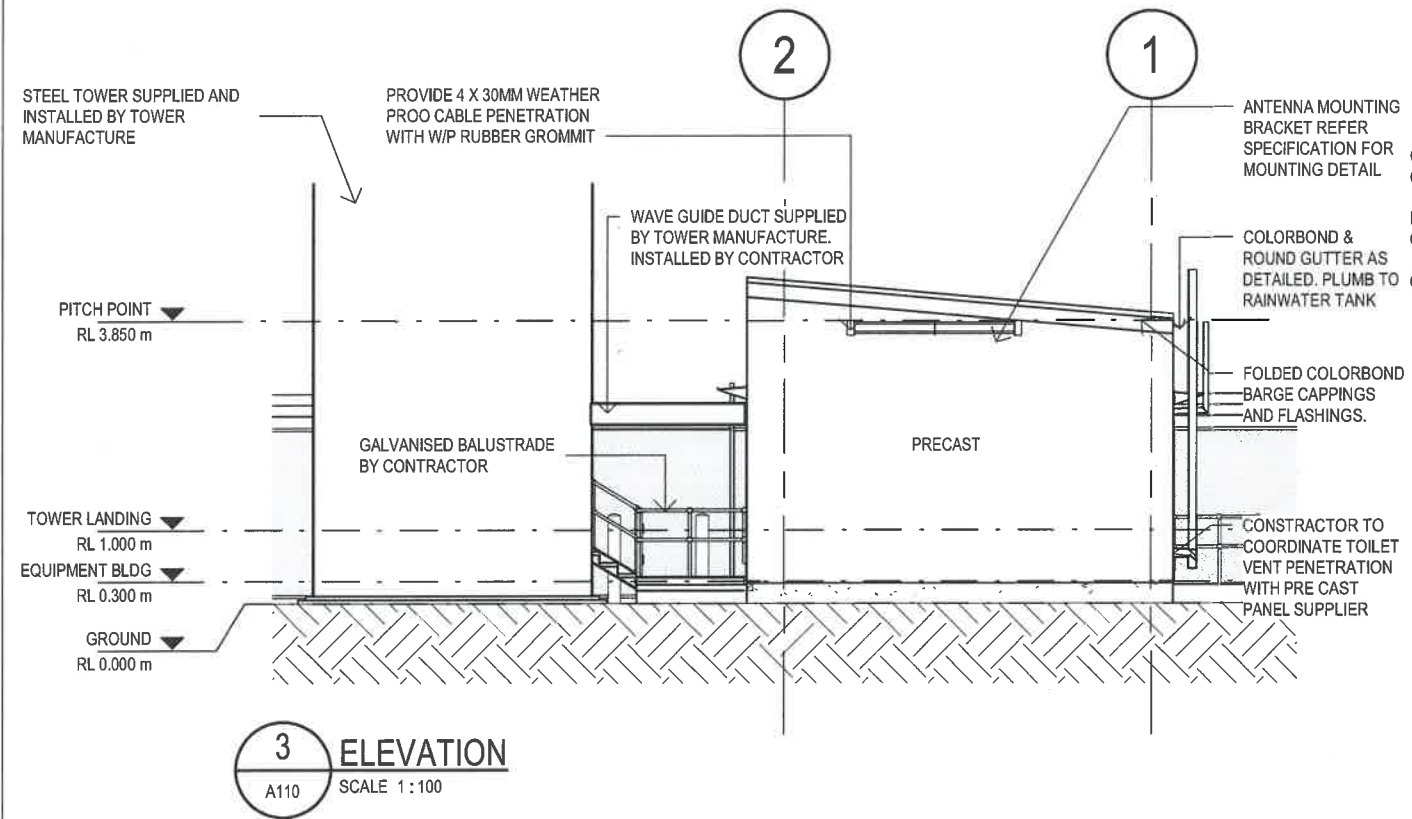
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Project	S1 DOPPLER LOT 48 FT602 SMITHS RD TAROOM,
Title	QLD ARCHITECTURAL SITE ELEVATION
Original Size	A3
Drawing No:	12523425-02- A111
Rev:	A



Banana Shire Council
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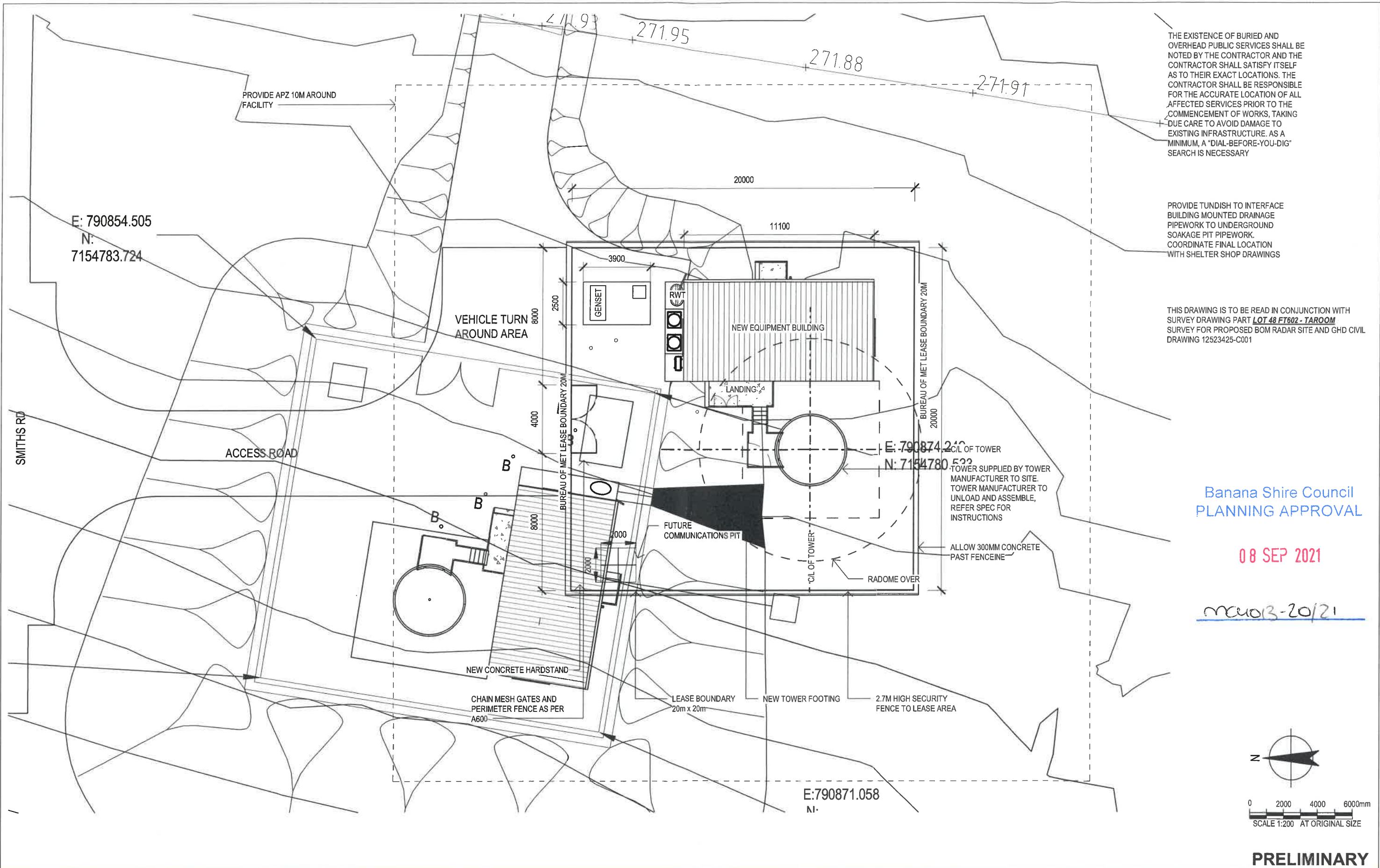


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Client	AUSTRALIAN GOVERNMENT BUREAU OF METEOROLOGY
Project	S1 DOPPLER LOT 48 FT602 SMITHS RD TAROOM,
Title	QLD ARCHITECTURAL ELEVATIONS
Original Size	A3
Drawing No:	12523425-02- A400
Rev:	A

A DEVELOPMENT APPROVAL				
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			TJF	28.06.21
			HJ*	
			CB*	
			Job Manager	
			Project Director	

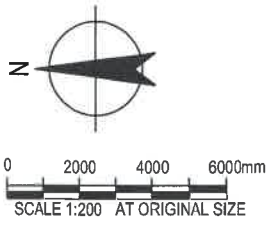
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08 SEP 2021

mcu03-20/21



PRELIMINARY

No	Revision	Note	TJF	HJ*	CB*	21.06.21
A	DEVELOPMENT APPROVAL		TJF	HJ*	CB*	21.06.21
No	Revision	Note: * indicates signatures on original issue of drawing or last revision of drawing	Drawn	Job Manager	Project Director	Date



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Client	AUSTRALIAN GOVERNMENT BUREAU OF METEOROLOGY		
Project	S1 DOPPLER LOT 48 FT602 SMITHS RD TAROOM,		
Title	QLD ARCHITECTURAL SITE PLAN		
Original Size	A3	Drawing No:	12523425-02- A010 Rev: A

Attachment 4
Requirements for Construction Environmental Management
Plan

REQUIREMENTS FOR CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN

This document provides general guidance to assist applicants with the preparation of their Construction Environmental Management Plan (CEMP). It is not intended as a comprehensive list of all Environmental and Cultural Heritage considerations relating to your proposal. A risk-based assessment should be undertaken to determine the appropriate elements to be included in your CEMP.

DISCLAIMER:

This document is not intended to constitute legal advice and it is recommended that you consult/engage a suitably qualified person to assist with the preparation of your CEMP. While reasonable efforts have been made to ensure that the contents of this document are factually correct, Banana Shire Council does not accept responsibility for the accuracy or completeness of the contents and shall not be liable for any loss or damage that may be occasioned directly or indirectly through the use of, or reliance on, the contents of this document.

Requirements	Addressed	Comments / Observations
<p style="text-align: center;">Construction Environmental Management Plan Administrative Requirements</p>		
<p>Details of all approvals required / obtained to undertake the Works including:</p> <ul style="list-style-type: none"> <input type="checkbox"/> name and type of licence, permit or approval <input type="checkbox"/> administering authority <input type="checkbox"/> reference number <input type="checkbox"/> commencement and expiry date <input type="checkbox"/> conditions of the Approval 		
<p>Procedure for periodic review of CEMP including identification of continual improvement.</p>		
<p>Environmental Site Inspections Procedure for Environmental Site Inspections including:</p> <ul style="list-style-type: none"> <input type="checkbox"/> frequency <input type="checkbox"/> how to identify whether measures are present, functional and adequate <input type="checkbox"/> reporting of inspections <input type="checkbox"/> identify corrective actions and management of outcomes 		

Requirements	Addressed	Comments / Observations
<p>Environmental-related Complaint Management Procedure for notification, investigation, management and reporting of complaints regarding Environmental or Cultural Heritage harm from Works.</p> <p>Monitoring Procedures and details for all monitoring to be undertaken including:</p> <ul style="list-style-type: none"> <input type="checkbox"/> location of monitoring <input type="checkbox"/> method <input type="checkbox"/> timing <input type="checkbox"/> frequency <input type="checkbox"/> duration <input type="checkbox"/> parameter to be monitored <input type="checkbox"/> objective / criteria measured against <input type="checkbox"/> management of non-conformances <input type="checkbox"/> reporting requirements 		
<p>Notification and Management of Environmental and Cultural Heritage Incidents Procedures to cover:</p> <p>1. Notification:</p> <ul style="list-style-type: none"> <input type="checkbox"/> administrating authority for reportable incidents <input type="checkbox"/> actual or potential material or serious Environmental Harm as defined in the <i>Environmental Protection Act 1994</i> <input type="checkbox"/> reportable breach of legislation <input type="checkbox"/> breach of an Approval condition/s <input type="checkbox"/> monitoring non-conformances against Water Quality Criteria <input type="checkbox"/> injury or death of native fauna other than least concern species, potentially caused by Works, including the occurrence of a fish kill on Site or in Waterways receiving Discharge from Site <input type="checkbox"/> ground disturbance or vegetation clearing beyond Limits of Clearing <input type="checkbox"/> damage to known or potential Cultural Heritage <input type="checkbox"/> movement or relocation of Cultural Heritage without approval of the Indigenous Party/s <input type="checkbox"/> clearing of a protected plant under State or Commonwealth legislation other than authorised under an Environmental Approval 		

Requirements	Addressed	Comments / Observations
<p><input type="checkbox"/> identification of new Biosecurity prohibited matter or restricted matter (Category 1 or 2) on Site or breach of a condition of a biosecurity zone</p> <p><input type="checkbox"/> discovery of a Contaminated Site (including unexploded ordnance) or land contamination occurred on the Site during the Works.</p> <p>2. Management of Incidents including:</p> <p><input type="checkbox"/> immediate remedial actions to mitigate harm</p> <p><input type="checkbox"/> investigation process</p> <p><input type="checkbox"/> reporting and record keeping – environment and cultural heritage incidents</p> <p>a) nature of the incident</p> <p>b) what management measures are in place</p> <p>c) probable cause</p> <p>d) corrective actions</p>		
<p>All environment and cultural heritage specific roles and responsibilities of project personnel</p>		
<p>Copy of the Environmental Site Induction. Induction includes:</p> <p><input type="checkbox"/> basic roles and responsibilities for E&CH management</p> <p><input type="checkbox"/> specific locations within the Site of E&CH significance or high risks</p> <p><input type="checkbox"/> works managed under an Environmental Approval and including its scope and conditions</p> <p><input type="checkbox"/> locations of ancillary activities (including but not limited to stockpile sites turnaround points, construction water and material sources)</p> <p><input type="checkbox"/> the Limit of Clearing</p> <p><input type="checkbox"/> Cultural Heritage where applicable</p> <p><input type="checkbox"/> environmental management measures and strategies in CEMP</p> <p><input type="checkbox"/> procedures for notifying of potential environmental incidents or non-conformances</p> <p><input type="checkbox"/> management procedures for unplanned events</p>		

Requirements	Addressed	Comments / Observations
CEMP Specific Element Requirements		
General		
<p>The CEMP covers E&CH management of all the Works including Temporary Works and ancillary activities including sourcing water, gravel, side tracks, stockpile sites, Site facilities and camps, and turnaround points.</p>		
Water Quality		
<p><input type="checkbox"/> potentially affected waterbodies and waterways within 200 m of the Site</p> <p><input type="checkbox"/> concentrated discharge locations from the Site</p> <p><input type="checkbox"/> concentrated flow paths to waterbodies and waterways within and adjacent to Site</p> <p><input type="checkbox"/> list of Works (including ancillary activities and temporary works) at risk of impacting water quality, including:</p> <ul style="list-style-type: none"> a) the potential contaminants b) locations of Works in relation to waterbodies and waterways, and c) flow paths to waterbodies and waterways within and adjacent to Site <p><input type="checkbox"/> water quality management strategies and measures that are reasonable and practical and brief risk-based justification has been provided.</p> <p><input type="checkbox"/> water quality monitoring plan</p> <p><input type="checkbox"/> procedures for events causing adverse water quality impacts or complaints received from the public</p>		
Cultural Heritage		
<p><input type="checkbox"/> Cultural Heritage Officer or responsible parties contact details</p> <p><input type="checkbox"/> location of known sites / places of cultural heritage significance within and adjacent to the work Site</p> <p><input type="checkbox"/> Cultural Heritage management measures that are reasonable and practical and brief risk-based justification has been provided</p> <p><input type="checkbox"/> monitoring for Cultural Heritage (both historical and indigenous) (where applicable)</p>		

Requirements	Addressed	Comments / Observations
<p style="text-align: center;">Noise</p> <ul style="list-style-type: none"> <input type="checkbox"/> location of any sensitive receptors and critical facilities, infrastructure and utilities in proximity to the project <input type="checkbox"/> noise generating activities, their locations, work periods <input type="checkbox"/> applicable construction noise criteria for assessment (including Monitoring) <input type="checkbox"/> evaluation outcome of whether Sensitive Receptors will likely be impacted by construction noise <input type="checkbox"/> noise management measures and strategies that are reasonable and practical and brief risk-based justification has been provided <input type="checkbox"/> management of adverse noise impacts 		
<p style="text-align: center;">Vibration</p> <ul style="list-style-type: none"> <input type="checkbox"/> type of vibration sensitive receptors and critical facilities, infrastructure and utilities potentially impacted by Site and their location in relation to Site <input type="checkbox"/> location of significant vibration generating works, within the Site <input type="checkbox"/> applicable construction vibration criteria <input type="checkbox"/> list which sensitive receptors, structures and / or buildings will likely be impacted by construction vibration for what works <input type="checkbox"/> vibration management measures and strategies that are reasonable and practicable to avoid or minimise vibration (human comfort) and vibration (structural / building) impacts and brief risk-based justification has been provided <input type="checkbox"/> management of observed damage to structures (private or public owned) 		

Requirements	Addressed	Comments / Observations
<p style="text-align: center;">Air Quality</p> <ul style="list-style-type: none"> <input type="checkbox"/> location of Air Quality Sensitive Receivers to the Site <input type="checkbox"/> Works likely to cause environmental harm from air quality and location of the Works <input type="checkbox"/> evaluation outcome of which air quality sensitive receivers will likely be adversely impacted <input type="checkbox"/> management measures and strategies that are reasonable and practicable for minimising adverse air quality impacts and brief risk-based justification has been provided <input type="checkbox"/> where required, air quality monitoring methodology, equipment used, frequency, duration, location of equipment and details of the person undertaking the monitoring assessment <input type="checkbox"/> where required, air quality Compliance Testing methodology, equipment used, frequency, duration, location and details of the person undertaking the Compliance Testing assessment <input type="checkbox"/> management of observations of emissions exceeding criteria 		
<p style="text-align: center;">Contaminated Sites</p> <ul style="list-style-type: none"> <input type="checkbox"/> location of known contaminated sites and type of in situ contaminants <input type="checkbox"/> reasonable and practicable management measures and monitoring requirements applicable to each contaminated Site and brief risk-based justification <input type="checkbox"/> management of contaminants leaving Site or being discovered on Site. 		
<p style="text-align: center;">Native Fauna</p> <ul style="list-style-type: none"> <input type="checkbox"/> location of known native fauna habitat and breeding places in relation to Site and Limits of Clearing <input type="checkbox"/> identification of activities that are likely to impact fauna, habitat or animal breeding places and the nature of impacts <input type="checkbox"/> reasonable and practicable management measures and strategies for native fauna, breeding places, habitat and fish passage, and brief risk-based justification <input type="checkbox"/> details of any Suitably Qualified and Experienced Person to be utilised for fauna management <input type="checkbox"/> management procedures for fauna rescue and release including treatment of fauna injured by Works <input type="checkbox"/> contact details for emergency wildlife care shall be included on the Site's emergency contact list 		

Requirements	Addressed	Comments / Observations
<p>Vegetation</p> <ul style="list-style-type: none"> <input type="checkbox"/> a drawing depicting: <ul style="list-style-type: none"> a) location and dimensions of Limits of Clearing b) limits of intended vegetation clearing (demonstrating minimised clearing area) c) restrictions to clearing in waterways d) any areas required for clearing additional to the Limit of Clearing e) locations of Significant Vegetation to be retained on Site f) a program of clearing operations demonstrating progressive clearing stages where practicable <input type="checkbox"/> identification method for the Limit of Clearing and method of identifying Significant Vegetation <input type="checkbox"/> reasonable and practical management measures and strategies to minimise the area of vegetation clearing and brief risk-based justification including where reasonable and practicable: <ul style="list-style-type: none"> a) progressive vegetative clearing b) progressive rehabilitation c) protection of individual trees or vegetation to be retained <input type="checkbox"/> where required, details of Environmental Approval for clearing 		
<p>Biosecurity Management</p> <ul style="list-style-type: none"> <input type="checkbox"/> details of the Biosecurity Matter including photo, location, the Biosecurity Matter category and respective management measures <input type="checkbox"/> reasonable and practicable management measures for preventing the spread of Biosecurity Matters within Site and out of the Site <input type="checkbox"/> reasonable and practicable management measures to exclude access to known areas of Biosecurity Matter infestation such as flagging <input type="checkbox"/> location of clean-down facility. If temporary clean down bay is to be constructed on Site, specify: <ul style="list-style-type: none"> a) design and maintenance requirements and procedures b) method of containing wastewater and restrict movement of biosecurity matters particularly to waterways and drainage lines c) management measures to contain biosecurity matter, sediments, oils and greases d) prevention of vehicle recontamination. <input type="checkbox"/> specific monitoring procedures for biosecurity matters (method, timing, frequency, duration, parameter to be monitored, criteria / outcome measured against) <input type="checkbox"/> pesticide treatment schedule addressing method of control, chemicals, location and timing of works <input type="checkbox"/> details of Biosecurity Matter control operator licence 		

Requirements	Addressed	Comments / Observations
<p style="text-align: center;">Waste</p> <p><input type="checkbox"/> estimates of type and quantity of waste expected to be generated and their source</p> <p><input type="checkbox"/> waste management strategies with consideration of the waste and resource management hierarchy</p> <p><i>Waste Reduction and Recycling Act 2011 s.9:</i></p> <p>a) AVOID unnecessary resource consumption</p> <p>b) REDUCE waste generation and disposal</p> <p>c) RE-USE waste resources without further manufacturing</p> <p>d) RECYCLE waste resources to make the same or different products</p> <p>e) RECOVER waste resources, including the recovery of energy</p> <p>f) TREAT waste before disposal, including reducing the hazardous nature of waste</p> <p>g) DISPOSE of waste only if there is no viable alternative</p> <p><input type="checkbox"/> waste containment locations</p> <p><input type="checkbox"/> all mulch stockpiles identified on plans with maximum dimensions specified (where applicable)</p> <p><input type="checkbox"/> the location of where waste materials will be disposed i.e. landfill site</p>		
<p style="text-align: center;">Chemicals and Fuels</p> <p><input type="checkbox"/> list chemical and fuels stored on Site in volumes greater than 250 L, the maximum quantity to be stored at any one time, storage location, management and containment practices for storage</p> <p><input type="checkbox"/> type, location, size of spill response equipment stored on Site</p> <p><input type="checkbox"/> reasonable and practicable management measures for avoiding contamination of Discharge to land or water from fuels and chemicals and brief risk-based justification</p> <p><input type="checkbox"/> details of any approvals held in relation to fuel and chemical storage or use</p> <p><input type="checkbox"/> management of contamination of discharge events</p>		

Requirements	Addressed	Comments / Observations
<p style="text-align: center;">Material Sourcing</p> <p>Water Sourcing</p> <ul style="list-style-type: none"> <input type="checkbox"/> key water consumption activities <input type="checkbox"/> the estimated volumes of water <input type="checkbox"/> the identified construction water source/s and proposed volume of take <input type="checkbox"/> legislative requirements and applicable conditions for take of water and whether notification to other users have been undertaken <input type="checkbox"/> water efficiency strategies to be utilised <input type="checkbox"/> procedures for monitoring against requirements of any applicable Environmental Approval (exemption) (i.e. capacity level of non-flowing source) <p>Construction Material</p> <ul style="list-style-type: none"> <input type="checkbox"/> identified gravel, fill or sand sources <input type="checkbox"/> distance to Site <input type="checkbox"/> access track and stockpile area requirements <input type="checkbox"/> associated approvals and conditions, and <input type="checkbox"/> proposed volume of take <p>Other</p> <ul style="list-style-type: none"> <input type="checkbox"/> other construction material requirements identified sources and management measures 		
<p style="text-align: center;">Erosion and Sediment Control (ESC)</p> <p>Specify the area and works including all proposed exposed areas e.g. full extent of cleared areas, stockpiles, site compound/storage areas and side tracks where applicable.</p> <p>Major features</p> <ul style="list-style-type: none"> <input type="checkbox"/> major features to be shown on the plan (dispersive soils, waterways) 		<p>For low risk sites one drawing with associated technical notes on timing of installation of controls and reference to standard drawing may be sufficient. For high risk and large scale projects consider preparing a standalone document i.e. 'Erosion and Sediment Control Plan' as it is likely to require multiple sets of drawings for various areas and stages of for project.</p>

Requirements	Addressed	Comments / Observations
Flow direction/Contour lines <input type="checkbox"/> identify the direction of flow of water through contour lines or other <input type="checkbox"/> type and location of control measures to be clearly identified		
Erosion Control Measures <input type="checkbox"/> identify methods to minimise soil exposure e.g. soil binders, geofabric, hydro mulching, early revegetation etc.		
Drainage <input type="checkbox"/> provide details in relation to how clean stormwater will be diverted around or through the site <input type="checkbox"/> areas of the site subject to concentrated stormwater flows have drainage controls		
Sediment Controls <input type="checkbox"/> runoff from all non-stabilised areas draining to suitable controls e.g. sediment basin <input type="checkbox"/> sediment basin/stormwater discharge points nominated		
Site Exit Points <input type="checkbox"/> Site access points identified and appropriate controls specified		
Timing / staging of controls <input type="checkbox"/> detail installation sequence and timing of installation of controls		
Monitoring and Management <input type="checkbox"/> provide details for management of severe wet weather event to minimise likelihood of failure of ESC measures		