

ADVERTISED PLAN

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Warwick's Block Cage Free Layer Farm | Torrumbarry

Preliminary Engineering Assessment Report

Date November 2025

Project Number 25E-0010

REPORT CONTROL SHEET

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|----------------|--|
| RMA ref. no: | 25E-0010 |
| Project name: | Warwick's Block Cage Free Layer Farm Torrumbarry |
| Report title: | Preliminary Engineering Assessment Report |
| Report author: | I. Kerridge |

| Document control | | | | | |
|------------------|-------------|----------|--------------------|-----------|------------|
| Revision | Author | Reviewer | Approved for issue | | |
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Disclaimer:

This report is a professional opinion based on the information available at the time of writing. It is not intended as a quote, guarantee or warranty and does not cover any latent defects.

This report will comment on the Civil infrastructure to the project and may outline probable costs but the extent of the commission of RMA does not extend to detailed cost feasibility, as such the costs should not be relied on for financing arrangements.

The conclusions in this report should not be read in isolation. We recommend that its contents be reviewed in person with the author so that the assumptions and available information can be discussed in detail to enable the reader to make their own risk assessment in conjunction with information from other sources.

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1. Introduction

1.1 Background

RMA Engineers Pty Ltd have been commissioned by McLean Farms Australia Pty Ltd to prepare a Preliminary Engineering Assessment Report in support of a Development Application for the State Minister's Office for a proposed integrated egg laying operation located in Torrumbarry, Victoria, within the Campaspe Shire Council (CSC).

The proposed farming operation is anticipated to be completed in two stages and would include the construction of 16 double-decker laying sheds including associated infrastructure and an access road onto Heppell Road.

This Preliminary Engineering Assessment Report aims to address the following items for the development:

- Traffic Network.
- Stormwater Drainage.
- Flooding and Overland Flow.
- Bulk Earthworks and Landscaping.
- Water Supply Services.
- Wastewater Services.
- Telecommunication and Electrical Services.

1.2 Basis of Report

This report has been compiled based on:

- Information provided by discussions between RMA Engineers Pty Ltd and the client.
- Campaspe Shire Council (CSC) Planning Scheme.
- Victorian Code for Broiler Farms.
- Victoria SMP and Nature Kit Mapping.
- Proposed Site Layout Plan.
- GeoVIC interactive mapping.
- Before You Dig Australia (BYDA) information sourced on the 12/05/25 (Enquiry 50160072).

This report has been prepared specifically for the Client, site and project. It has been written solely for the purpose of providing engineering advice on the above issues for the Council and the Client for this development site. Please note that this report has been compiled based on the information that is current at the time of report printing, and that the recommendations supplied within this report are based solely on the above.

2. Site characteristics

2.1 Proposed Development

2.1.1 Holistic Operation

The proposed development is intended to be constructed in conjunction with three other applications to form an integrated egg laying operation consisting of:

- Pollock's Block Rearing Farm (720,000 birds),
- Warwick's Block Cage Free Layer Farm (1,280,000 birds),
- T-Block Free Range Layer Farm (800,000 birds) and,
- Organic Nutrients Composting Facility (ONG) – submitted with T-Block.

Refer to **Figure 2-1** below for the ultimate concept plan, with the development footprint of the Warwick's Block Cage Free Layer Farm denoted in red.

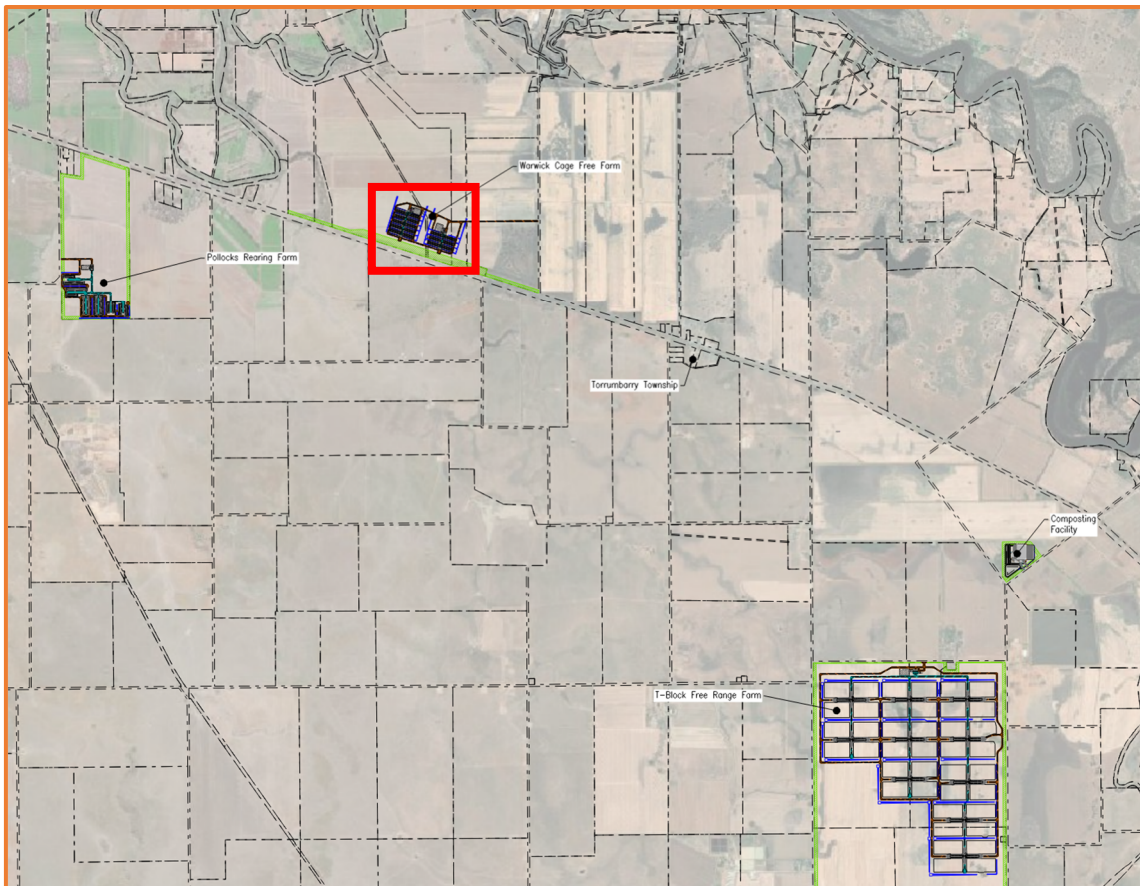


Figure 2-1. Ultimate Concept Layout Plan.

2.1.2 Individual Operation

This individual application relates to a cage free laying farm and is intended to be assessed in conjunction with the two other development applications to form the ultimate farming operation.

The proposed Warwick's Block Cage Free Laying Farm is located on land fronting the Murray Valley Highway to the south, and Heppell Road to the east within Torrumbarry. The land includes multiple titles and has a combined area of 549.18ha. The site is located within the Farming Zone under the Campaspe Planning Scheme.

The proposed development involves the construction of a new poultry laying farm which is used for production of eggs intended for human consumption. The proposed farm will accommodate a maximum of 1,280,000 laying birds within 16 purpose-built, best practice laying sheds. These sheds will be constructed in 2 stages (8 sheds per stage).

The proposed sheds will be supported by ancillary services and infrastructure including:

- Staff office and amenities building
- Egg collection infrastructure
- Workshop
- Water treatment
- Shed specific feed silos
- Truck wash

The farm will also include the construction of an access driveway connecting to Heppell Road, internal roads, parking and manoeuvring areas, and an extension of the electricity network.

The proposed farm will house laying hens that are placed within the sheds at around 17 weeks of age. Once placed the typical laying cycle will last for around 68 weeks of production, and an additional 2 weeks of down time allocated for shed cleaning and set up prior to the next batch. As a cage free farm, the birds will be free to move around within the shed but will always be contained within the sheds.

The proposed farm and composting facility is an important part of the proposed operation of McLean Farms on land within Torrumbarry including:

- The Pollock's Block – Rearing Farm (720,000 Birds)
- The T-Block – Free Range Layer Farm (800,000 birds).

This application is lodged concurrently with these operations and the potential cumulative impacts are considered within all supporting technical reports.

The proposed Warwick's Block Cage Free Laying Farm is defined as a **Poultry Farm** and is identified as development requiring a permit within the Farming Zone. As the project involves an agricultural use with a capital value of greater than \$10 million, the project is classified as Significant Economic Development, and the Minister for Planning (Ministers Office for Assessment) will be the responsible authority for determination of the application.

The proposed cage free laying farming operation is to be established in two stages and would include the construction of 16 laying sheds. Each shed is anticipated to house 80,000 birds for a total of 1,280,000 birds for the whole facility.

The proposed site plan is provided in **Appendix A** and the proposed construction staging is provided within **Appendix B**.

2.2 Location and Description

The proposed development is located on the Murray Valley Highway on land described by the following lots within Torrumbarry, Victoria:

- Lot 16~7 on PP3663
- Lot 16A~7 on PP3663
- Lot 18~7 on PP3663
- Lot 19~7 on PP3663
- Lot 12~7 on PP3663
- Lot 12A~7 on PP3663
- Lot 2 on PS429220
- Unmade road reserve

The site is approximately 549.18ha in area and is predominantly dry grasslands with minimal tree coverage across the site. There are existing powerlines located within the development site; they follow along the southern boundary parallel to the Murray Valley Highway.

The property is bounded by the Murray Valley Highway along the southern boundary and Heppell Road along the eastern boundary. Along the western boundary, the site abuts alongside a Creek that leads into the Gunbower Creek to the north of the development site. The site is situated approximately 25 kilometres northwest of Echuca.

The general development site's locality can be seen in **Figure 2-2** below:



Figure 2-2. General site locality plan

2.3 Existing Land Use

The site is located on land that has previously been used for farming purposes including intense dairy farming and dry and wetland cropping for cereal grains.

The Campaspe Planning Scheme defines the intensive cattle farming to produce milk under the intensive animal production definition. This definition indicates that the subject site a recent history of intensive animal production activities.

Refer to **Table 1** below for planning scheme definition.

Table 1: Intensive Dairy Farming Planning Scheme Definition (Campaspe Planning Scheme accessed 14/15/25)

| Land use term | Definition | Includes | Included in |
|-----------------------------|--|----------|------------------------------------|
| Intensive dairy farm | Land used for intensive animal production where cattle are kept or bred for the production of milk. | | Intensive animal production |

According to the Victorian State Government Nature Kit, the site can be classed as plains/grassland, and most of the site's habitat value is ranked as low value habitat.

Refer to **Figure 2-3** below for Nature Kit habitat land value mapping.



Figure 2-3. Nature Kit Habitat Land Value (Extract from Nature Kit 26/05/25).

2.3.1 Aboriginal Cultural Heritage

Please refer to the Preliminary Investigation Letter prepared by Heritage Insight provided in conjunction with this application for details of the aboriginal and cultural heritage.

2.4 Topography

The development site is generally flat with various natural watercourses moving through the site. There is a gentle grade on the western side of the site leading into the creek that bounds the site. The site location has a gentle slope of approximately 0.068%

The site topography is ideal to avoid waterlogging, localised flooding and nutrient loss.

2.5 Current Zoning

The site is currently zoned FZ for farming land use in the Campaspe Shire Council Planning Scheme. There is a small amount of RAZ for rural activities zoning in the northern part of the development properties.

However, due to the nature of poultry farming and the classification of 'intensive farming' a permit will be required to commence intensive farming operations on the development site.

Refer to the figure below for current site zoning.

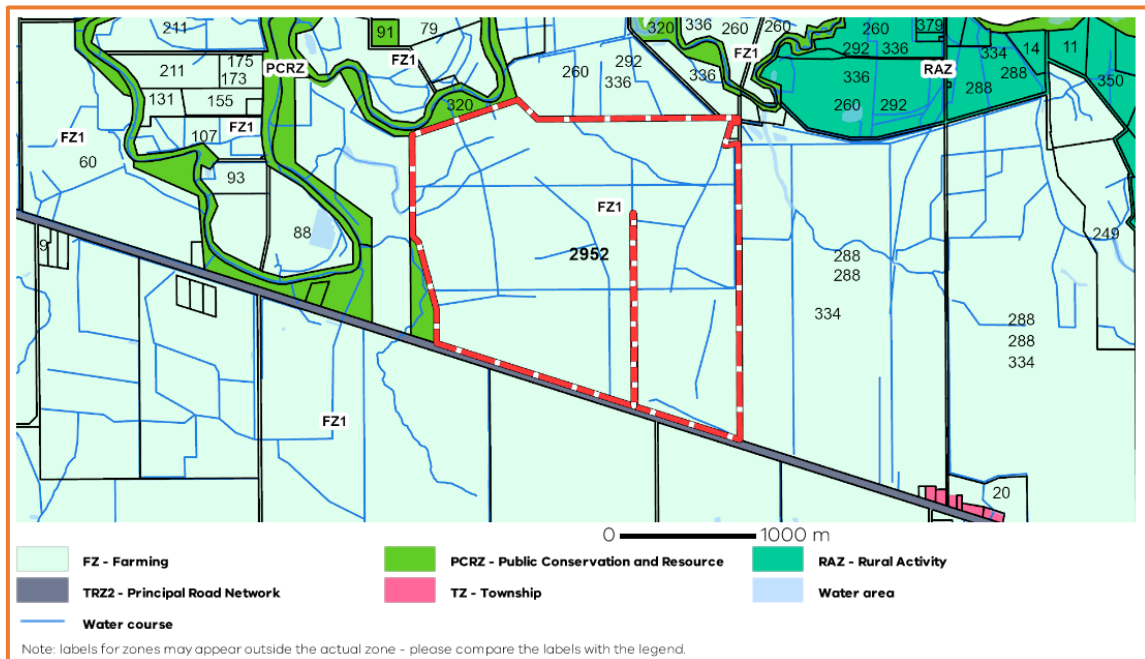


Figure 2-4. Current Land Zoning (Extract from Planning Property Report 13/03/2025).

3. Engineering

3.1 Traffic Network

Please refer to the Traffic Impact Assessment (TIA) by RMA Engineers provided in conjunction with this application for details of the existing street network, traffic operation and analysis and safety review.

The development is proposed to connect into the existing Heppell Road that bounds the eastern side of the development site.

The existing Heppell Road is a 'Dry weather road only' and is likely to require resurfacing and sealing to allow site access. However, further assessment is required to determine the suitability of Heppell Road for truck access in all weather conditions.

3.2 Stormwater drainage

Please refer to the Stormwater Management Plan prepared by RMA Engineers provided with this application for the details of the proposed stormwater plan.

According to a desktop investigation and BYDA search results, there is no existing stormwater infrastructure within the vicinity of the development site.

3.2.1 Flood / Overland Flow

Based on the Property Planning Report (PPR) from the Victoria State Government, the subject site contains inundation overlays and existing water courses that are assumed to control any existing overland flow. The subject site appears to currently drain to the northeastern corner and western side of the property towards the Gunbower Creek.

An updated flood study named the 'Echuca Moama Torrumbarry Flood Study Project' is currently underway within the vicinity of the development. Considerations have been made to address the outcomes concluded by the updated model, however, for consideration in this report, a combination of the existing model and the new flood study have been used.

According to the PPR, the subject site may be affected by the Land Subject to Inundation Overlay (LSIO) on the western and northeastern boundary. However, the site does not appear to be affected by the Floodway Overlay (FO).

Refer to **Figure 3-1** below for flood and overland flow mapping.

3.3.1 Erosion and Sediment Control

Erosion and Sediment Control (ESC) measures will be required to be established and maintained in accordance with CSC standards, erosion hazard assessment and current industry best practice.

An ESC plan will be prepared during the detailed design phase of development.

During the construction phase of the project, it will be the responsibility of the Principal Contractor to coordinate permits, conduct erosion hazard assessments to local authority requirements and to implement and update as necessary.

Please refer to the Geotechnical Investigation Report prepared by RMA Engineers provided in conjunction with this application for details of the existing soil conditions.

3.3.2 Landscaping

In accordance with the CSC planning scheme and the Victorian Code for Broiler Farms, landscaping considerations are required for an intensive poultry farming operation. These considerations are addressed below.

According to Clause 53.09, Table 1 of the CSC planning scheme, an area used for a poultry range and associated infrastructure must be located at a minimum setback from land in a residential zone. Since the laying operation will include greater than 1000 chickens, a minimum of 400 metres is required from all land in residential zones. Additionally, in reference to clause 14.02-1S, any natural drainage corridors require a minimum of 30 meters offset for a vegetation buffer zone.

Additionally, the Victorian Code for Broiler Farms details the landscaping requirements for intensive broiler farms (a similar intensive poultry farming operation). The following landscaping considerations need to be considered in accordance with Standard E4 S1 Landscaping:

- Screening vegetation (including a mix of trees and shrubs for high and low screening) is required along frontages, site boundaries and public roads.
- Existing onsite vegetation, particularly native vegetation should be retained.
- Mounds of approximately 2 metres should be constructed where vegetation screening is not applicable.
- Vegetation should be located a minimum of 20 metres from shed perimeter to prevent pests and maintain ventilation.
- Unpaved areas are to be grassed or supply suitable groundcover to prevent erosion.

Please refer to the Egg Guideline report prepared by RMA Engineers Pty Ltd provided in conjunction with this application for further details of the landscaping considerations.

3.4 Biosecurity

Biosecurity management practices are important to prevent the spread of livestock diseases which is particularly crucial in the egg industry.

Biosecurity measures are anticipated to be required for the management of the laying sheds with the potential inclusions of the following engineered biosecurity controls:

- Drainage of any water detention or bioretention basins within 24 hours to prevent attracting wild birds and other wild animals.
- Truck sanitation stations to prevent contamination between poultry sites.
- Biosecurity fencing around the perimeter of laying areas to keep pests away to prevent any contamination and disease spread.
- Onsite pest and insect management.
- Water management controls to minimise standing water duration.
- Suitable capturing and releasing of clean stormwater techniques in a timely manner.
- Site layout design including.
 - › Adequate buffer spacings between laying sheds to prevent cross contamination between flocks.
 - › Adequate buffer offset from the Murray Valley Highway to ensure passing feathers or dander litter exposure is minimised.
- Site Location including.
 - › >1 kilometre from another poultry farm.
 - › Proximity to natural waterways/wetlands.
- Special considerations should be made to minimise attraction of migration birds within the Murray Goulburn water catchment.
- Suitable perimeter fencing to allow appropriate water drainage but restricts external bird access.

Please refer to the Ecological Report provided in conjunction with this report for further ecological considerations.

Additional considerations have been made in terms of the farm location and the waterway proximity to the laying facilities. Refer to the Egg Guideline Report prepared by RMA Engineers Pty Ltd in conjunction with this report, for further operational biosecurity controls.

3.4.1 Site Security

Operational site security forms a key component of biosecurity.

To manage site security, the following controls should be implemented:

- Perimeter fencing with suitable drainage to prevent visitors and intruders from entering the site.
- Sign in facilities will be utilised to control individuals in contact with the flocks.
- General workplace health and safety measures to maintain the health and wellbeing of staff.

3.5 Water supply

The site is not currently serviced by any potable water connections but there is water infrastructure that has been identified in the area.

The water entitlements associated with the Torrumbarry Aggregation of properties consist of two types of entitlements, “Water Share” and “Take and Use” licences.

- The water share licences consist of two classifications, “High Reliability” and “Low Reliability” based on the annual reliability of water being available to allocate to each licence from either the 7 Vic Murray River Scheme or the 1A Goulburn River Scheme.
- The Take and Use Licences are opportunistic water harvest licences that allow for capturing surplus water during high rainfall and river flooding events across the Murray Goulburn irrigation area.

The Warwick farm has access to the “high reliability” water allocation under the Water Share Entitlements, providing 1,939 ML of high reliability water per year. The water will have to go through extensive filtration to meet potable quality standards.

Under the Take and Use entitlement, there is an allocation of 2202.0ML.

During drought conditions historical data has indicated that the high reliability license still provides approximately 65% of supply.

The Warwick Farm pump infrastructure is outlined below:

Table 2. Warwick Pump Infrastructure.

| Type | Description | Capacity (ML/day) |
|------------------------|--|-------------------|
| River Pump | Pump 1 (45kW 400mm pump) | 20 |
| River Pump | Pump 2 (35kW 350mm pump) | 20 |
| S & D | Stock & Domestic (3 x S & D pump 3kW) | 1 |
| Lift Pumps (S & D) | Unregulated lift pumps - S & D (2 stacker pumps) - 600L/minute | |
| Lift Pump (Irrigation) | Lift pump to C15/C16/C14 | 20 |
| Lift Pump (Irrigation) | Lift pump to C12/C13 | 20 |
| Lift Pump (Irrigation) | C18 | 20 |
| Lift Pump (Irrigation) | Lift Pump to C19 | 20 |
| Lift Pump (Irrigation) | Lift Pump to C1 - C10 | 20 |
| Reservoir Pump | No 1 Lagoon | 10 |

Water is required for various activities for each of the laying sheds including hen drinking water, washdown and staff amenities.

We also note that in times of drought, the cultivation onsite can be scaled down to maintain the poultry farm.

Water requirement calculations can be found in **Table 3** for the sheds below:

Table 3. Water Demand Requirements Per Day Per Shed.

| Water Usage | Requirement (L/Bird/Day) | Water Per Shed Per Day (Raw Water Demand) (L) |
|-------------------|--------------------------|---|
| Drinking Water | 0.375 | 30,000 |
| Cooling Pad Water | 0.4 | 32,000 |
| Reject Water | 0.075 | 6,000 |
| Total | 0.85 | 68,000 |

Therefore, a total of 1,088,000 litres per day will be required to service the 16 total laying sheds that form the Warrick Cage Free farm operation.

There will also be a requirement for the ancillary facilities to have a water supply. Anticipated contributing approximately 0.42% of the overall site demand.

Table 4. Ancillary - Water Demand Requirements.

| Water Usage | Requirement (L/Person/Day) | Water Per Day (L) |
|----------------------------|----------------------------|-------------------|
| Site Amenities (2 sites) | 65 | 2,860 |
| Egg Packing and Transfer | 300 | 1,200 |
| Other ancillary minor uses | 500 | 500 |
| Total | | 4,560 |

3.5.1 Murray Goulburn Water Catchment

The development site is located within the Murray Goulburn water catchment and is subject to a connection approval.

There is an existing draw off point located within the vicinity of the site.

There is a risk associated with using the Murray Goulburn River drawing facilities where the relevant authority may deny drawing if high demand occurs.

Investigations of the drawing capacity and licensing requirements should be undertaken.

3.5.2 Goulburn Valley Pipeline

Goulburn Valley Water has proposed a drinking water pipeline to the southeast of the development site. The proposed Goulburn Valley pipeline anticipates connecting Nathalia and Numurkah with a treated drinking water pipeline. Construction of the 25-kilometre pipeline has not commenced but is anticipated to be completed in 2027.

A water supply option could include the extension to the proposed infrastructure to service the Campaspe Shire Council region, specifically the Patho town.

3.5.3 Domestic Pump – Warwick Farm

A domestic water pump facility has been identified in association with the proposed Warwick cage free farm. The water pump facility connects into an existing lagoon situated to the east of the Warwick cage free farm.

A water supply alternative could include a small quantity draw from the lagoon to supplement the water demand required to operate the laying farm.

3.5.4 Overland Flow License

Due to the nature of the development, an overland flow license will need to be obtained prior to operations on the development site.

An overland flow license is currently existing for the T-Block Farm property.

Overland flow licensing works by retaining the water captured by catch drains onsite, to be retained within a dam or pond for treatment.

However, the reliability of overland flow repurposing is variable due to the reliance on rain events.

3.5.5 Roof water Capture

The intention is to utilise the water for operations onsite, however, sufficient treatment will be required to remove pathogens and biological matter that can pose biosecurity risks.

Similarly to overland flow, the reliability of roof water capturing presents risks for consistent water supply.

3.5.6 Water Storage and Water Treatment

Ultimately, most processes of water capture will require adequate storage and water treatment facilities.

To manage the biosecurity risks associated with drawing water from unprotected water systems, any water administered to the hens in the laying facility will require extensive treatment to remove pathogens, harmful bacteria and diseases from the water.

Through the process of water treatment, various byproducts are produced:

- Sludge – solid or semisolid material found in waterbodies and,
- Brine – salinity and minerals found in water that are unsafe at high concentrations.

The proposed management of these materials would involve the following:

- Sludge – to be removed from water and transported to composting farm facility that is associated with the ultimate poultry operation.
- Brine – to be removed from water and transported back into processed water at reduced concentrations. The combined wastewater will then be irrigated onto the site.

Refer to the Egg Guideline report prepared by RMA Engineers Pty Ltd in conjunction with this report for further information about water treatment and quality requirements.

3.6 Wastewater

Wastewater includes the generation of both blackwater and processed water. Both wastewater types will be generated from the proposed site.

Blackwater can be defined as the wastewater generated from facilities like toilets that contains bodily or biological wastes and cannot be used again.

Processed water can be defined as wastewater generated by processing or manufacturing and comes in direct contact with the raw materials or by-products. Processed water can be treated and utilised again.

The development will include staff amenities including lunchrooms and toilets which will generate blackwater. All other operational wastewater will be defined as processed water.

Wastewater calculations and considerations used to inform the concept design are documented below. It should be noted that the design of the wastewater treatment systems will be subject to detailed design, which will incorporate the requirements of the EPA Guidelines for Onsite Wastewater Management (GOWM), the EPA Guidelines for Effluent Dispersal and Recycling Systems (EDRS), and the Victorian Land Capability Assessment Framework (VLCAF), as applicable.

3.6.1 Blackwater

Staff Operations

To inform the blackwater generation calculations and considerations within this report, assumptions have been made regarding staff operations for the development which are detailed below.

The ultimate development will require 44 staff to travel to site daily at the commencement of operations. All staff will use the site amenities each day. Upon arrival, all staff are required to shower in at the site amenities due to strict biosecurity protocols. Some staff (e.g. managers, administration) will be based at the amenities full-time. Others will move between the amenities and operational areas throughout the day. The other main operational areas where staff will be based include the laying sheds and packing sheds. At least one staff member will be based at each of the laying and packing sheds daily and will return the site amenities for breaks in the lunchroom.

Due to strict biosecurity protocols staff assigned to laying sheds will shower in at the pod-specific amenities area (one amenities area per pod, each pod includes four laying sheds). Foot-wash facilities will also be required at each laying shed and packing shed entrance.

It should be noted that there are other operational areas on site including the maintenance workshop and fumigation building however these buildings will not have any blackwater generation. Additionally, due to strict biosecurity requirements, no delivery truck or manure collection truck drivers will be allowed onsite, therefore no amenities considerations have been made for them.

From the above it is established there are generally three main operational areas on site that have associated blackwater generation. See summary table below.

Table 5: Site operational area details for blackwater generation

| Operational Area | Facilities | Blackwater Generation Components | Total No. of Staff per Operational Area |
|------------------|----------------|--|---|
| 1 | Site Amenities | 2 x amenities buildings with lunchroom, showers, toilet facilities. | 44 (assumed 28 staff for Stage 1 amenities building & 16 staff for Stage 2 amenities building) |
| 2 | Laying Sheds | 8 x laying shed amenities areas (one amenities area services a pod i.e. 4 sheds) with shower, toilet & boot wash facilities. | 32 (assumed 1 staff per shed i.e. 4 staff per laying shed amenities area) |
| 3 | Packing Sheds | 4 x packing shed amenities areas with toilet & boot wash facilities. | 12 (assumed 3 staff per packing shed amenities area) |

Exact staff role allocations are not yet confirmed. For the purpose of this report, typical numbers have been assumed and will be refined during the detailed design phase.

These assumptions are based on current client discussions and are subject to change. Final operational details will be incorporated into the design of the on-site wastewater systems during the detailed design phase.

Blackwater Generation

The blackwater generation can be calculated in accordance with AS1547:2012 Appendix G and H in accordance with section 5.3 Design Flows and **Table H4** below. Refer to **Table 6** below for the anticipated blackwater wastewater generation calculations.

**TABLE H4
TYPICAL DOMESTIC WASTEWATER DESIGN FLOW ALLOWANCES
– DOMESTIC WASTEWATER FROM COMMERCIAL PREMISES – NEW ZEALAND**

| Source | Typical wastewater design flows (L/person/day) | |
|------------------------------------|---|---|
| | On-site roof water tank supply | Reticulated community or a bore-water supply |
| Motels/hotels | | |
| – guests, resident staff | | 220 |
| – non-resident staff | | 30 |
| – reception rooms | | 20 – 30 |
| – bar trade (per customer) | | 20 |
| – restaurant (per diner) | | 25 – 30 |
| Tearooms/lunch bars (per customer) | | |
| – without restroom facilities | 10 | 15 |
| – with restroom facilities | 15 | 25 |
| Community halls | | |
| – banqueting | 20 | 30 |
| – meetings | 10 | 15 |
| School (pupils plus staff) | | 15 – 30 |
| Rural factories, shopping centres | 30 | 50 |
| Camping grounds | | |
| – fully serviced | 100 | 130 |
| – recreation areas | 50 | 65 |

NOTE: These flows should be used for design purposes unless past experience demonstrates lower actual flows. Design flows should be based on the maximum figure in the range unless justification for lower values can be provided by way of actual water use data. Although guidance is provided for flow allowances for non-household activities, this Standard does not provide specific requirements for commercial loads, for example in commercial kitchens and laundries (see 1.9 definition of domestic wastewater).

Table 6: Anticipated Blackwater Generation Calculations.

| Operational Area | Total No. of Staff per Operational Area | Adopted Wastewater Design Flow (L/day) * | Total Design Flows (L/day) |
|------------------|--|---|-------------------------------|
| 1 | 44 | 30 | 1,320 |
| 2 | 32 | 30 | 960 |
| 3 | 12 | 30 | 360 |
| Total | | | 2,640 |

**Note that the lower of the design flows in Table H4 has been chosen for the estimation of the total design flows due to how the operation works i.e. majority of staff will share their time between the main amenities and the other operational area amenities on site.*

No sewer connections are anticipated for the development site based on online mapping and council discussions. Therefore, it is proposed to manage onsite blackwater sewerage treatment through multiple self-treatment septic tank systems local to each set of amenities. These facilities will require ongoing maintenance.

Land Application Areas

Each individual blackwater treatment system would have an associated Land Application Area which can be accommodated by the site layout.

Given the heavy clay soils identified in the geotechnical report we anticipate that spray irrigation will be the only viable option. The design of the blackwater treatment systems is subject to detailed design and may include combining treatment to centralised facilities however the anticipated Land Application Areas required to service the blackwater treatment for the site in accordance with AS1547:2012 would be as follows:

Soil Permeability Classification of 6 (medium to heavy clay)

Design Irrigation Rate of 2mm/day

Table 7: Anticipated Land Application Areas

| Location | Scenario | No. of Staff | Generation (L/Day) | Land Application Area (m ²) |
|---------------------------------|--------------------|--------------|--------------------|---|
| Site Amenities Building Stage 1 | Total | 28 | 840 | 420 |
| Site Amenities Building Stage 2 | Total | 16 | 480 | 240 |
| Laying Sheds | Per amenities area | 4 | 120 | 60 |
| | Total | 32 | 960 | 480 |
| Packing Sheds | Per amenities area | 3 | 90 | 45 |
| | Total | 12 | 360 | 180 |
| Total for site | | | 2,640 | 1,320 |

3.6.2 Processed Water

Processed water is generated during the shed operations including sanitation processes and shed washdown following a batch relocation.

Table 7: Anticipated Processed Water Generation Calculations.

| Generation Activity | Design Flow (L/day) | Occurrence Frequency | Total Design Flow (L/Day) |
|-----------------------------|---------------------|---|---------------------------|
| Truck Washdown | 200 | Per vehicle | 4,400 |
| Shed Clean Out and Washdown | 400 | Every 68 weeks for individual laying sheds ¹ . Adhoc for other sheds (packing shed, maintenance workshop, fumigation shed). | 400 |
| TOTAL | | | 4,400 |

¹ Due to the operation of the site, particularly bird delivery and collection schedules, it is anticipated that only one shed will be undergoing clean-out and washdown on any given day.

Processed water is intended to be treated onsite using an onsite processed wastewater treatment plant (PWTP).

Refer to the Egg Industry Design Philosophy report prepared by RMA Engineers Pty Ltd in conjunction with this report for further information about water treatment and quality requirements.

After water treatment, the water is anticipated to be irrigated onto site.

The water demand requirements for a washdown will require substantial storage capacity of processed water. Considerations should be made in the design to accommodate the capacity requirement and will be confirmed during detailed design.

3.6.3 Fire services

The requirements for fire services associated with the expansion are unknown and subject to a detailed investigation. It is anticipated that an onsite fire service system will be required this will include fire storage and hard suction points to meet the farm building section of the NCC. Sizing and locations of the fire storage tanks is anticipated to occur during the detailed design phase of this development.

Firefighting water tanks will require replenishing with treated water to provide adequate fire protection.

3.7 Telecommunications

A Before You Dig Australia (BYDA) search has identified multiple Nextgen Group telecommunication cables – signed using marker posts – along the northern verge of the Murray Valley Highway.

3.8 Electrical Services

The development site is serviced by the electrical provider Powercor Australia.

Information obtained from the BYDA search has identified that there is some existing electrical infrastructure in the area. This infrastructure includes:

- Low Voltage (LV) Cables extending into the southern boundary of site alongside the northern verge of the Murray Valley Highway.

It has been identified that the ultimate development will require staged network upgrades from Powercor Australia. The development is currently seeking a Preliminary Approval and submission process to identify the constraints related to the staged electrical upgrades.

Detailed design of the development will require service locating by non-destructive means to determine their exact locations and depths. Guidance should be sought from an Electrical / Telecommunications Engineer to confirm the suitability of the existing infrastructure relative to the requirements of the proposed development. Refer to **Appendix C** for BYDA electrical mapping.

4. Conclusion

The findings of this preliminary engineering assessment report for the proposed development are summarised below:

Stormwater Drainage:

- RMA Engineers have undertaken both stormwater quality and quantity assessments to be read in conjunction with this report.
- Refer to RMA Stormwater Management Plan submitted as part of this Development Application for further details.

Earthworks and Landscaping:

- The proposed earthworks strategy will involve cut/fill in accordance with council planning scheme.
- Landscaping has been considered in accordance with the Campaspe Shire Council Planning Scheme and the Victorian Code for Broiler Farms.

Biosecurity

- Engineered biosecurity measures have been suggested in accordance with Australian Egg Industry Environment Guidelines.
- Refer to the Egg Guidelines report for operational security controls.

Water Supply:

- The subject site has various water connection options.
- Generation estimates have been provided.

Wastewater:

- The subject site is anticipated to treat processed water to be reutilised onsite.
- The subject site is anticipated to treat blackwater in self-treatment facilities onsite.
- Generation estimates have been provided for Council's consideration.

RMA provides the above assessment, and the information contained in the attached appendices of this report to demonstrate that acceptable or performance solutions to the relevant Council codes are available for the development.

5. References

Australian Eggs Limited, *Egg Industry Environmental Guidelines – Edition 2*, Effective May 2018.

Before You Dig Australia responses enquiry 50160072 obtained on Monday 12th June 2025.

Campaspe Shire Council, *Campaspe Planning Scheme*, Effective 7th April 2025.

Campaspe Shire Council, *Campaspe Strategic Framework*, Effective 7th April 2025.

GeoVIC, *Online Interactive Overlay Mapping Service*, Accessed 28th May 2025.

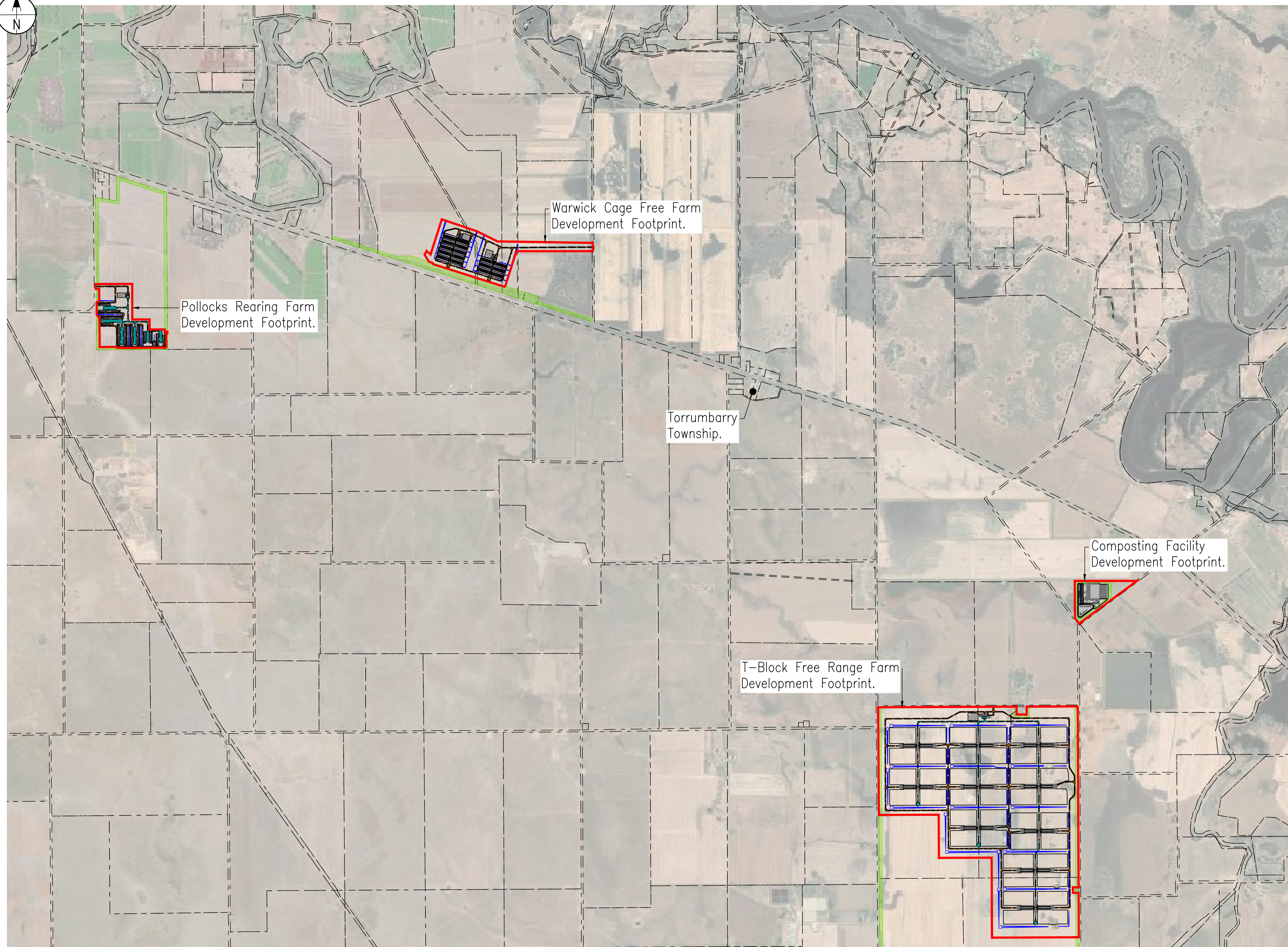
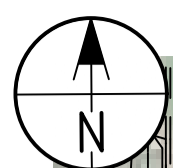
Google Earth Pro, *Online Street View Mapping Overlay Service*, Accessed 28th May 2025.

Victorian State Government – Department of Environment and Climate Action, *Nature Kit SMP & Habitat Interactive Online Mapping Service*, Accessed 28th May 2025.

Victoria State Government, *Victorian Code for Broiler Farms 2009 – Plus 2018 Amendments*, Accessed 28th May 2025.

Victoria State Government – Department of Transport and Planning, *Planning Property Report*, Obtained from www.planning.vic.gov.au on 13th March 2025.

Appendix A Development Layout Plan



LEGEND:
EXISTING

- Property Boundary
- Farm Development Footprints

PLAN NOTES:

P.1. Plan is intended to be viewed in colour.

DISCLAIMER NOTES:

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OVERALL CONCEPT LAYOUT PLAN

Scale 1:20000 (A1)

0 200 400 600 800m
1:20000(A1) 1:40000(A3)

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| H | FOR INFORMATION | 28/07/25 | BLL | BLL | ASO | - |
| G | FOR INFORMATION | 23/07/25 | BLL | BLL | ALB | - |
| F | FOR COMMENT | 21/07/25 | LMB | BLL | ALB | - |
| E | FOR COMMENT | 24/06/25 | BLL | BLL | ALB | - |
| D | FOR COMMENT | 24/06/25 | LMB | BLL | ASO | - |
| C | FOR COMMENT | 20/06/25 | BLL | BLL | BLL | - |
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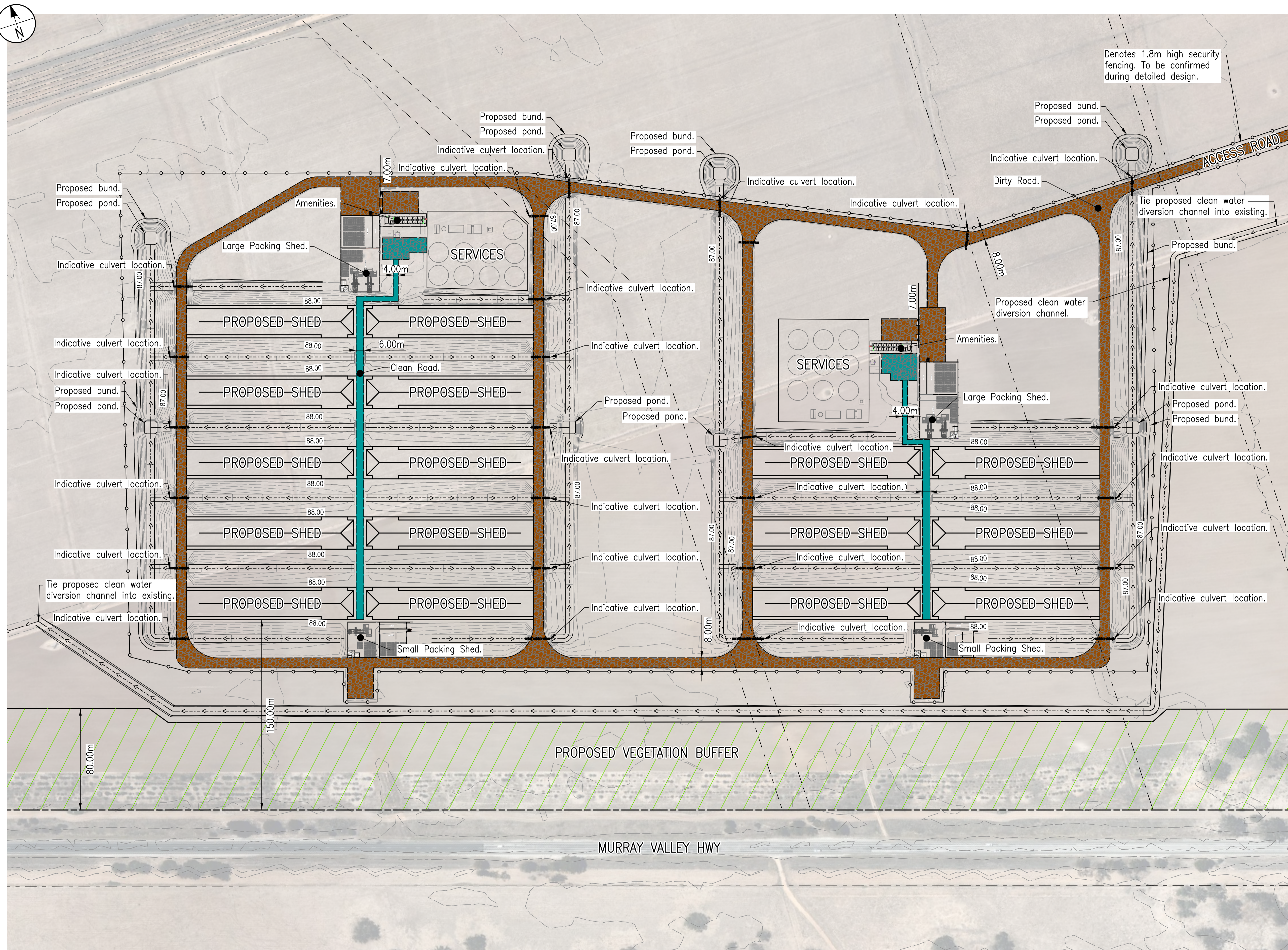
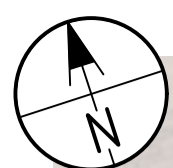
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PROJECT
INTEGRATED EGG LAYING OPERATION
MURRAY VALLEY HIGHWAY
TORRUMBARRY, VIC, 3562

TITLE
OVERALL CONCEPT LAYOUT PLAN

| HEIGHT DATUM | MAP GRID | SIZE |
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| COUNCIL OW NO. | | |
| PROJECT NO. | DRAWING NO. | ISSUE |
| 25E-0010 | C-SK0003 | 1 |

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LEGEND:

EXISTING

- → → Invert
- - - - - Property Boundary

PROPOSED

- Clean Area Road Pavement
- Dirty Area Road Pavement
- Vegetation Buffer
- - - - - Property Boundary
- - - - - Minor Contours
- - - - - Major Contours
- → → Invert
- - (D) - - (D) - - Indicative Stormwater Culvert
- ○ ○ Fence

PLAN NOTES:

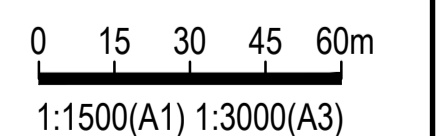
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Contours are design surface levels.

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WARWICK'S BLOCK CAGE FREE CONCEPT LAYOUT PLAN

Scale 1:1500 (A1)



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TITLE
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HEIGHT DATUM
AHD

MAP GRID
VICGRID

SIZE
A1

PROJECT NO.
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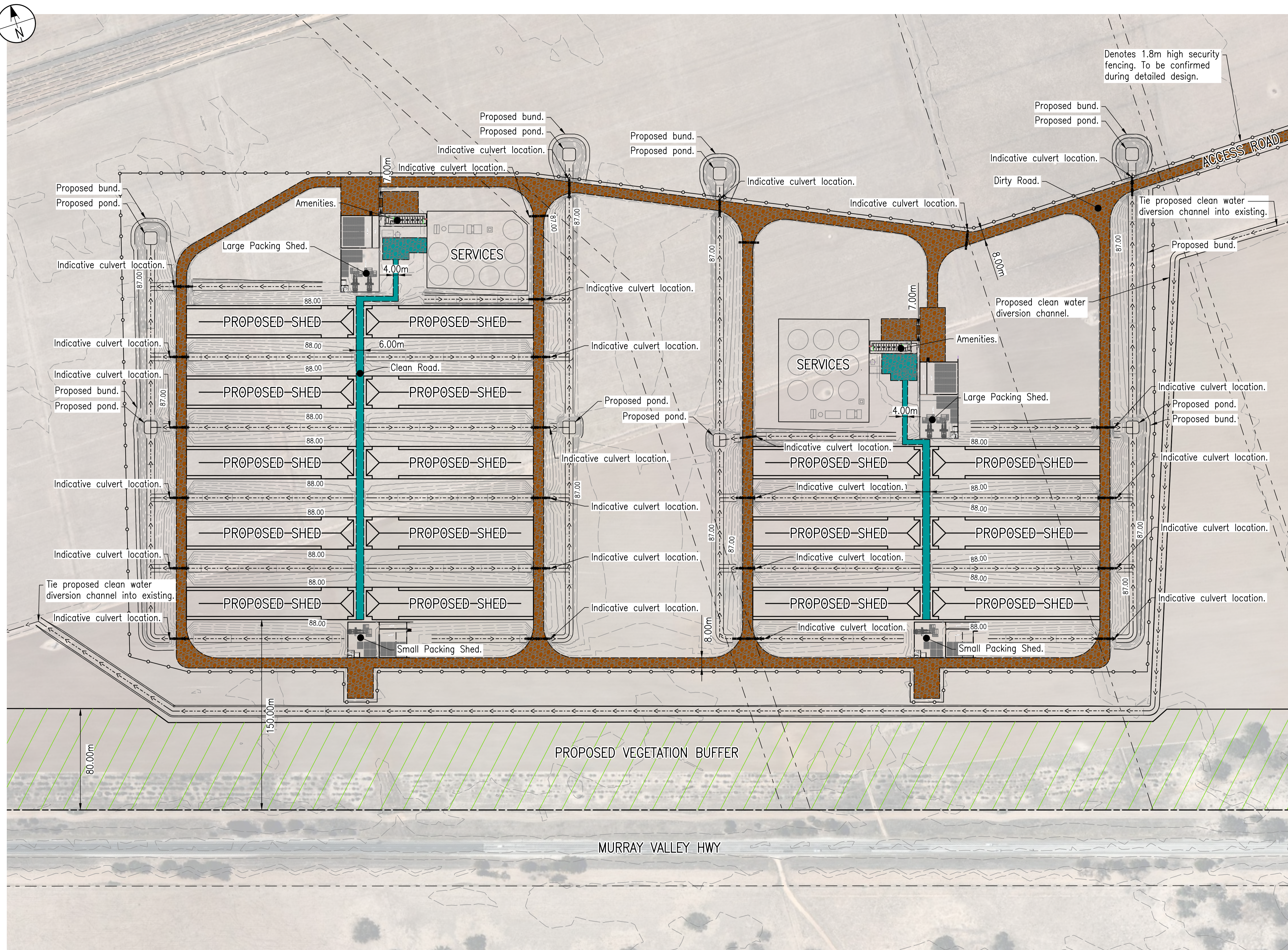
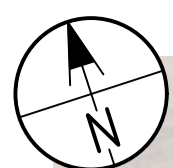
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Appendix B Schematic Engineering Design



LEGEND:

EXISTING

- → → Invert
- - - - - Property Boundary

PROPOSED

- Clean Area Road Pavement
- Dirty Area Road Pavement
- Vegetation Buffer
- - - - - Property Boundary
- - - - - Minor Contours
- - - - - Major Contours
- - - - - Invert
- - (D) - - (D) - - Indicative Stormwater Culvert
- ○ ○ Fence

PLAN NOTES:

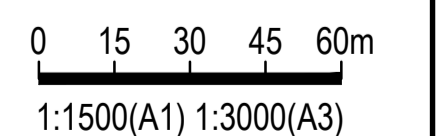
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WARWICK'S BLOCK CAGE FREE CONCEPT LAYOUT PLAN

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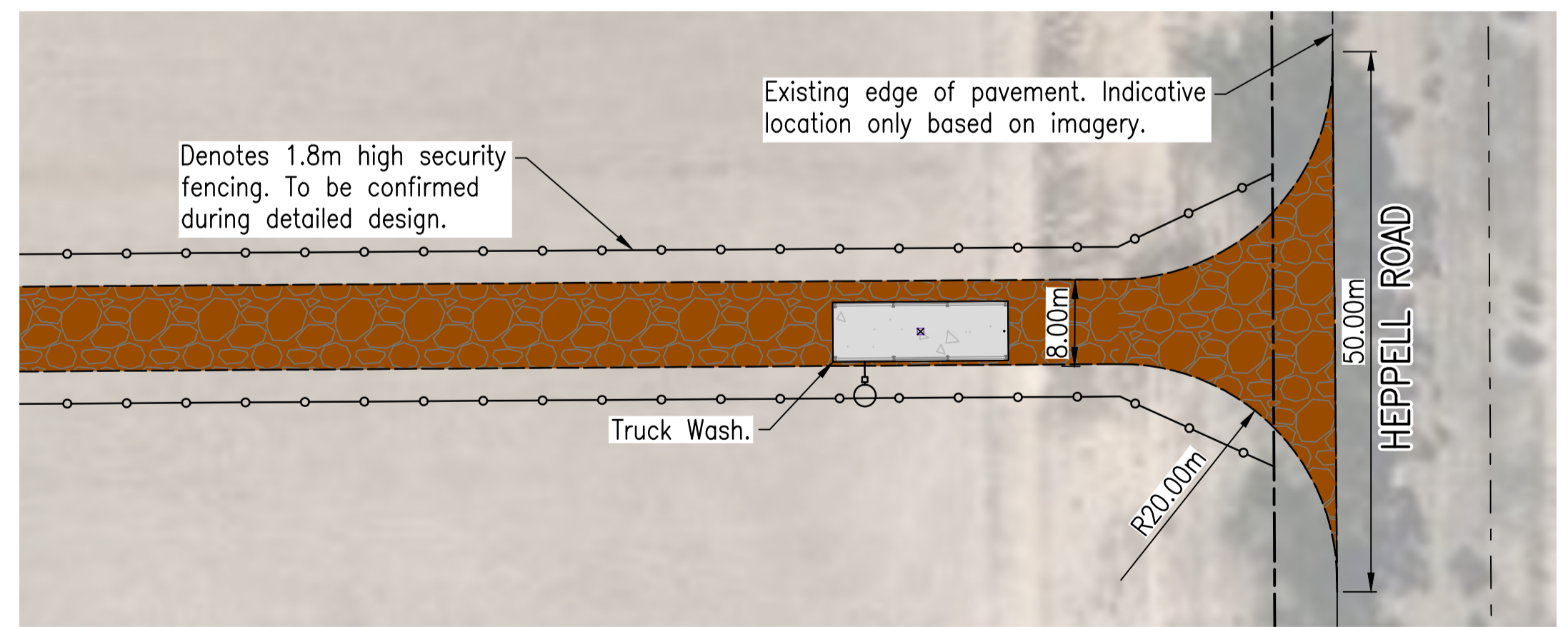
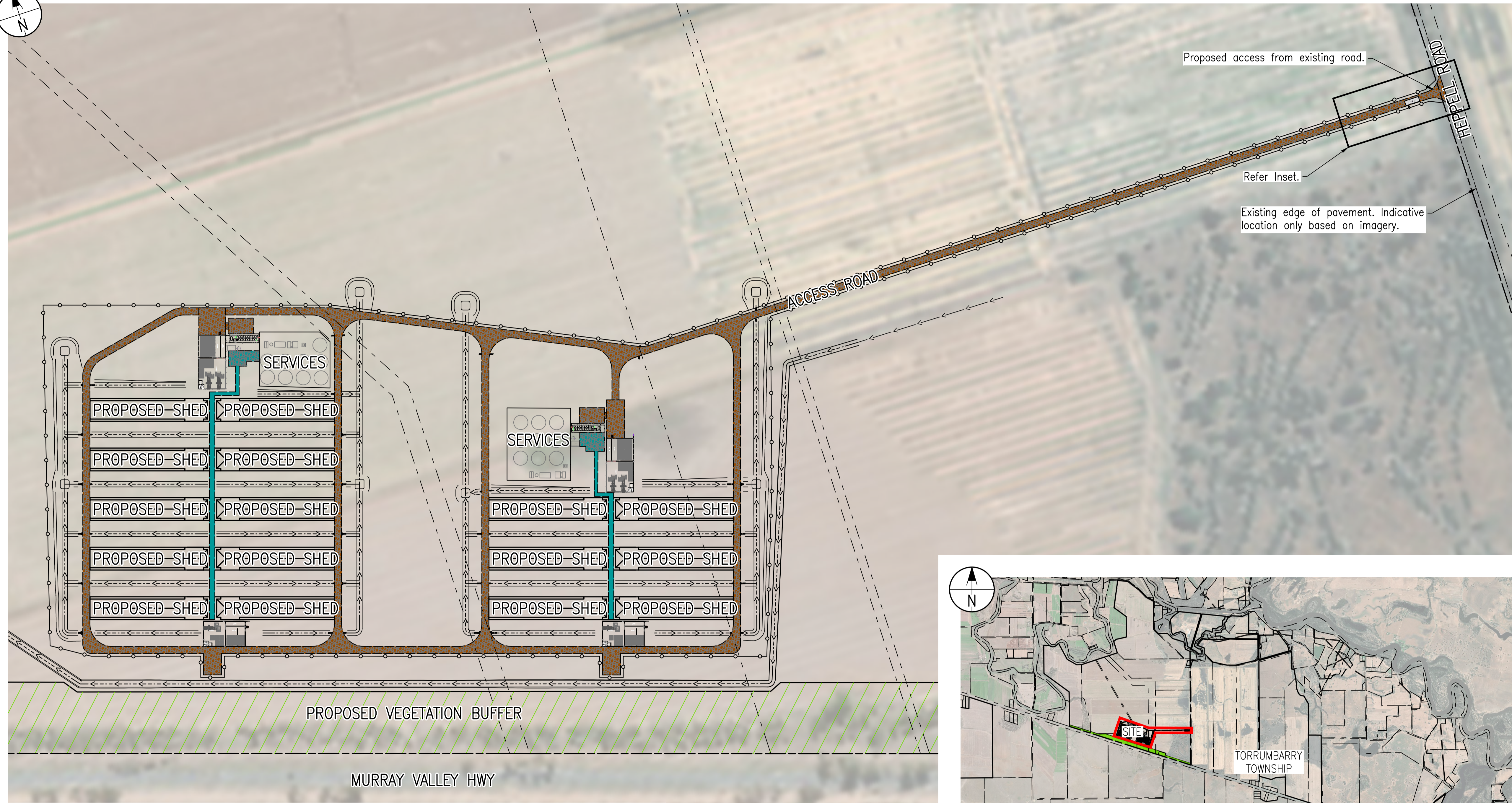
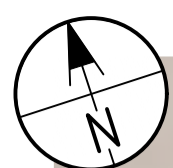
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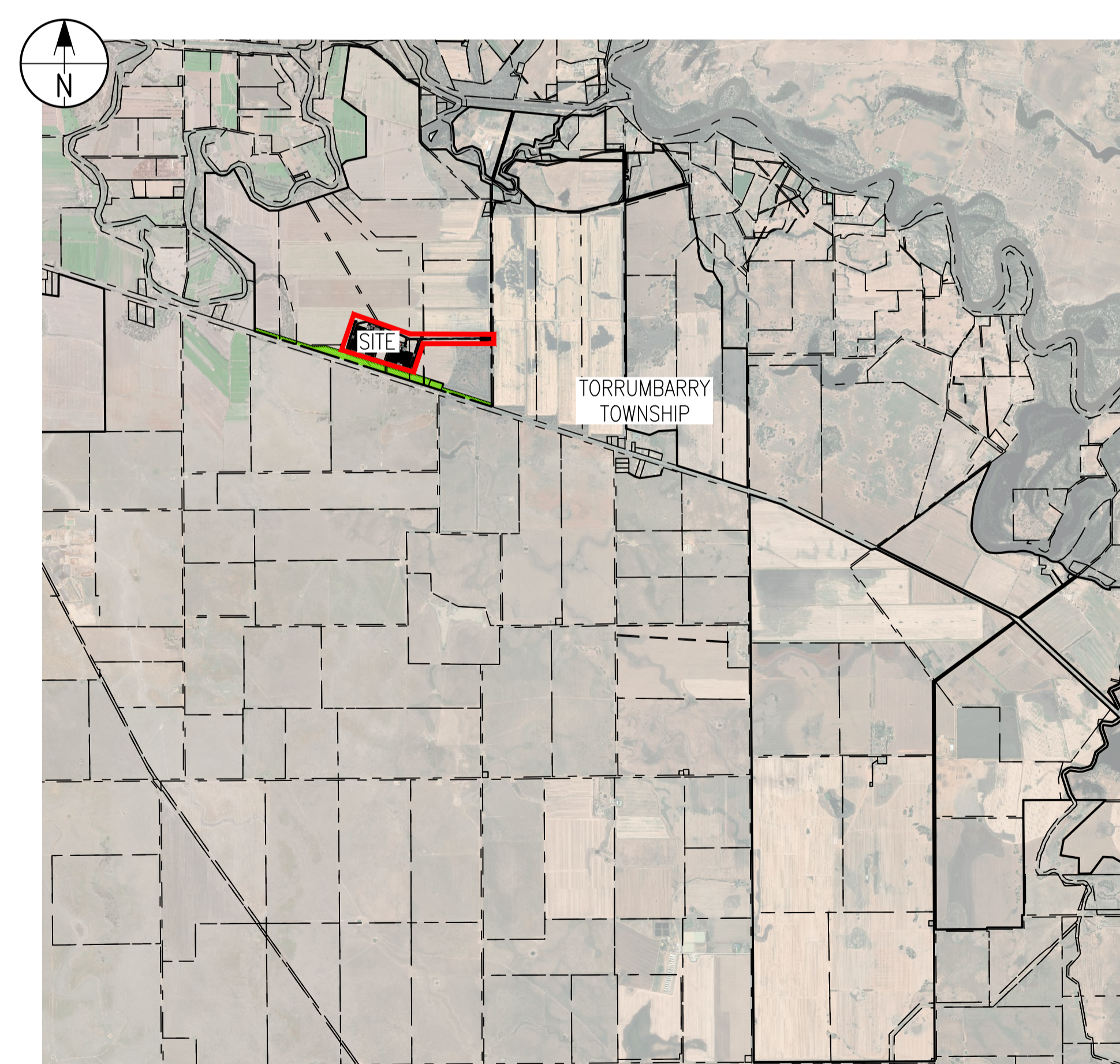
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PROJECT NO. **25E-0010** DRAWING NO. **P-SK2001** ISSUE **1**

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| COUNCIL OW NO. | | |
| PROJECT NO. DRAWING NO. ISSUE | | |



INSET
Scale 1:500 (A1)



LEGEND:

EXISTING

- → → → Invert
- - - - Property Boundary

PROPOSED

- Clean Area Road Pavement
- Dirty Area Road Pavement
- Vegetation Buffer
- - - - Property Boundary
- → → → Invert
- - (D) - - (D) - - Indicative Stormwater Culvert
- ○ ○ ○ Fence

PLAN NOTES:

P.1. Plan is intended to be viewed in colour.

DISCLAIMER NOTES:

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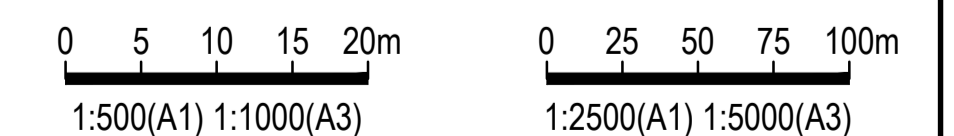
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WARWICK'S BLOCK CAGE FREE FARM LOCALITY PLAN

Scale 1:2500 (A1)



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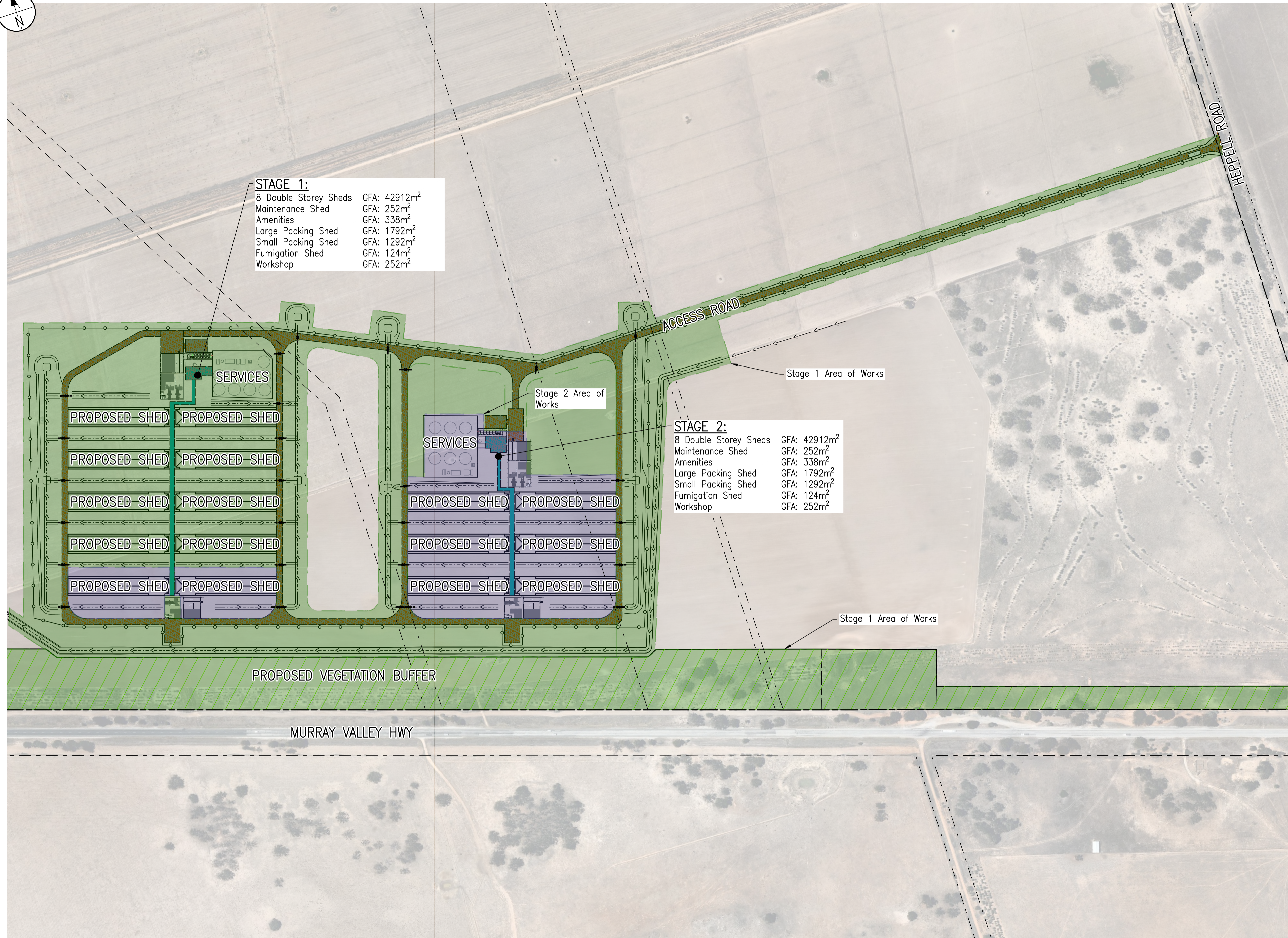
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| 25E-0010 | P-SK2002 | 1 |

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STAGE 1:
 8 Double Storey Sheds GFA: 42912m²
 Maintenance Shed GFA: 252m²
 Amenities GFA: 338m²
 Large Packing Shed GFA: 1792m²
 Small Packing Shed GFA: 1292m²
 Fumigation Shed GFA: 124m²
 Workshop GFA: 252m²

STAGE 2:
 8 Double Storey Sheds GFA: 42912m²
 Maintenance Shed GFA: 252m²
 Amenities GFA: 338m²
 Large Packing Shed GFA: 1792m²
 Small Packing Shed GFA: 1292m²
 Fumigation Shed GFA: 124m²
 Workshop GFA: 252m²

LEGEND:

EXISTING

- → → → Invert
- - - - - Property Boundary

PROPOSED

- Clean Area Road Pavement
- Dirty Area Road Pavement
- Vegetation Buffer
- - - - - Property Boundary
- → → → Invert
- - (D) - - (D) - - Indicative Stormwater Culvert
- ○ ○ ○ Fence

PLAN NOTES:
 P.1. Plan is intended to be viewed in colour.

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WARWICK'S BLOCK CAGE FREE FARM STAGING PLAN

Scale 1:2500 (A1)

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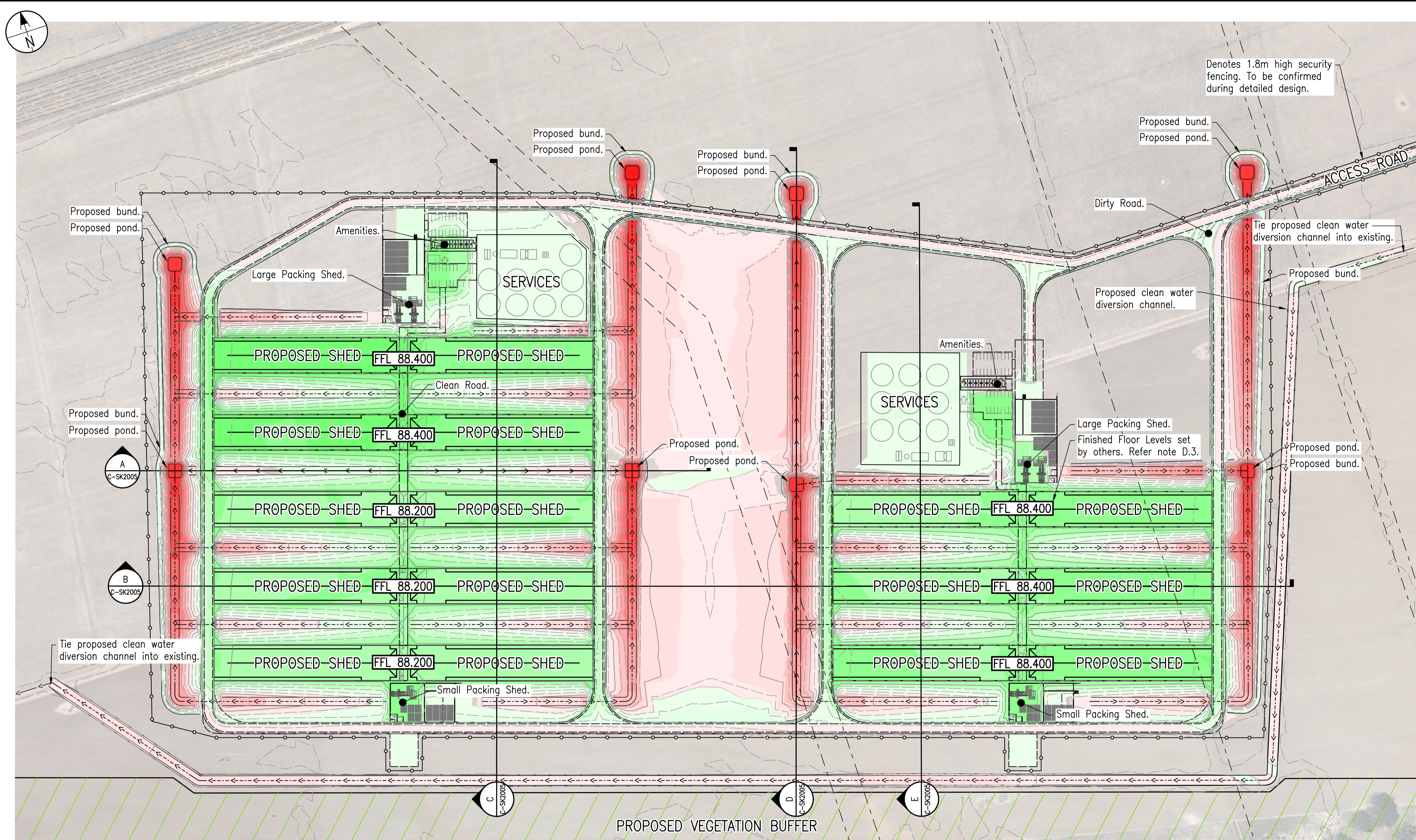
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TITLE
WARWICK'S BLOCK CAGE FREE FARM STAGING PLAN

| | | |
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| COUNCIL RAL/MCU NO. - | | |
| COUNCIL OW NO. - | | |
| PROJECT NO. 25E-0010 | DRAWING NO. P-SK2003 | ISSUE 1 |

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LEGEND:

EXISTING

- → → Invert
- - - Property Boundary

PROPOSED

- Clean Area Road Pavement
- Dirty Area Road Pavement
- Vegetation Buffer
- Property Boundary
- Minor Contours
- 609.00 Major Contours
- → → Invert
- (D)-(D)- Indicative Stormwater Culvert
- ○ ○ Fence

PLAN NOTES:

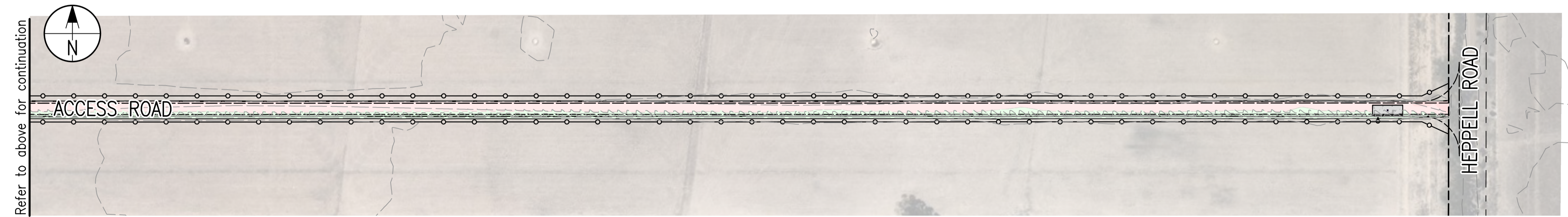
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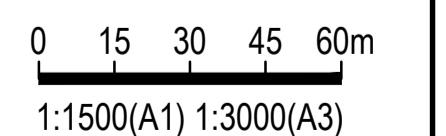
CUT & FILL LEGEND

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| | Light Green | 2.00 to 1.80 |
| | Yellow-Green | 1.80 to 1.60 |
| | Yellow | 1.60 to 1.40 |
| | Light Yellow | 1.40 to 1.20 |
| | Yellow-Orange | 1.20 to 1.00 |
| | Orange | 1.00 to 0.80 |
| | Light Orange | 0.80 to 0.60 |
| | Orange-Red | 0.60 to 0.40 |
| | Red-Orange | 0.40 to 0.20 |
| CUT | Red | 0.20 to 0.00 |
| | Light Red | 0.00 to -0.20 |
| | Orange-Red | -0.20 to -0.40 |
| | Orange | -0.40 to -0.60 |
| | Yellow-Orange | -0.60 to -0.80 |
| | Yellow | -0.80 to -1.00 |
| | Light Yellow | -1.00 to -1.20 |
| | Light Green | -1.20 to -1.40 |
| | Green | -1.40 to -1.60 |
| | Dark Green | -1.60 to -1.80 |
| | | > -2.00 |



WARWICK'S BLOCK CAGE FREE FARM EARTHWORKS LAYOUT PLAN

Scale 1:1500 (A1)



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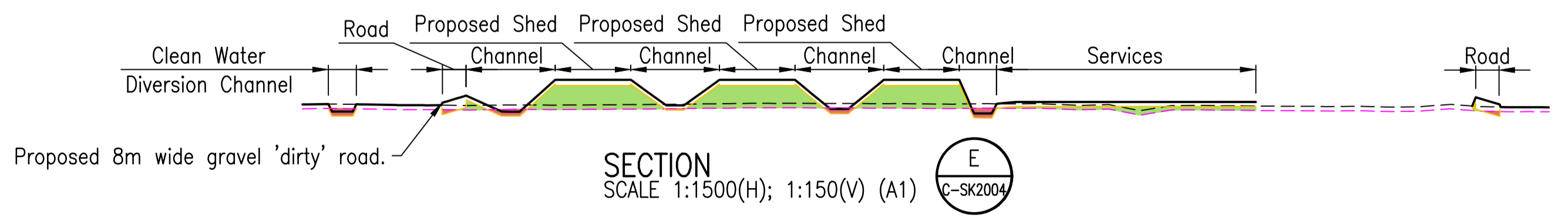
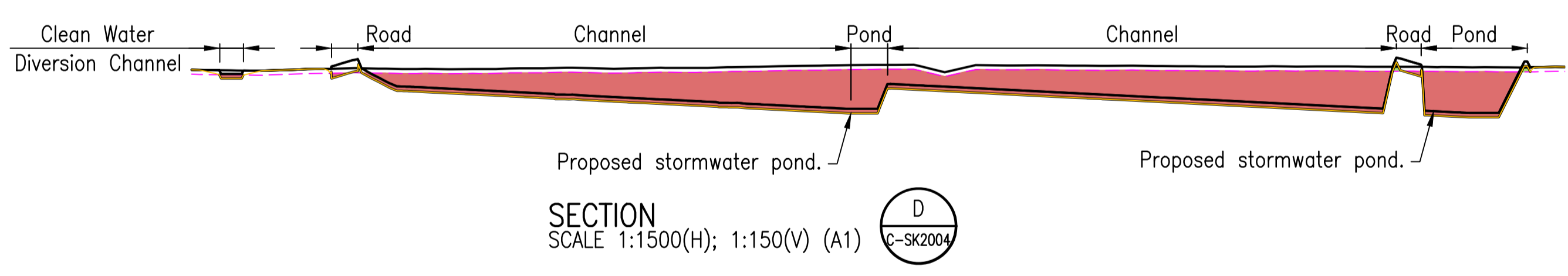
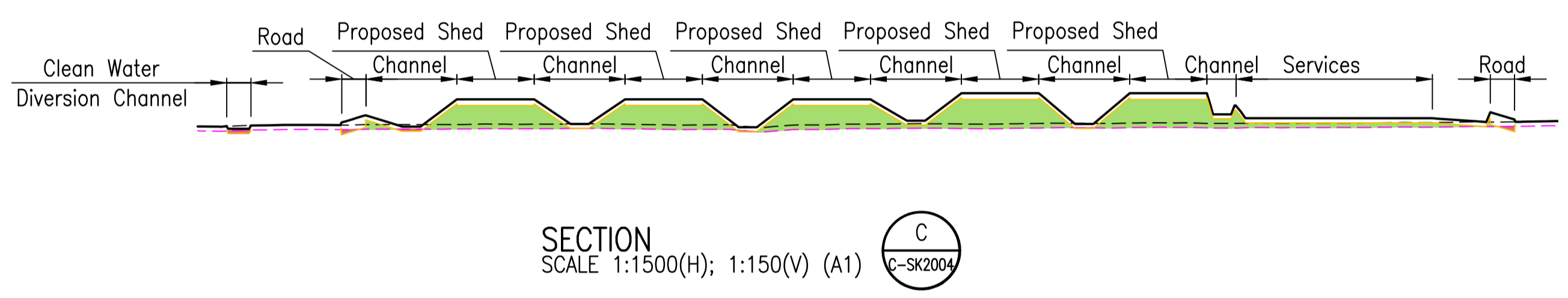
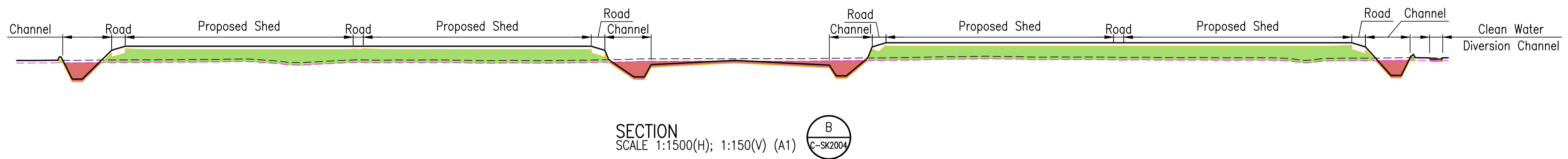
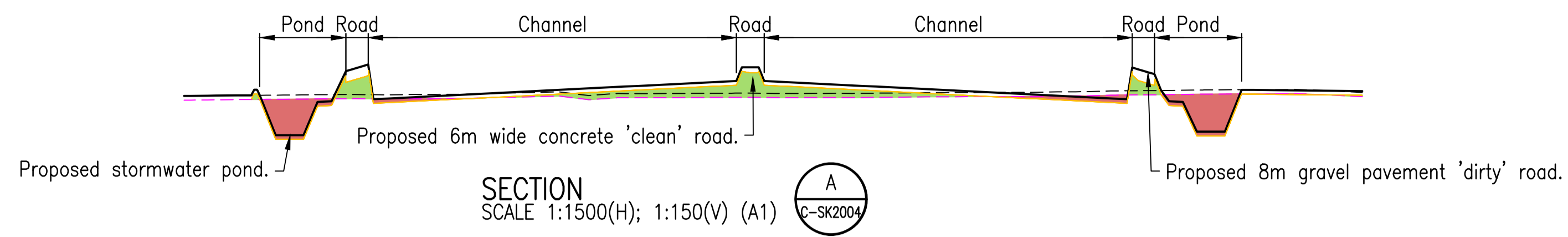
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TORRUMBARRY, VIC, 3562

TITLE
WARWICK'S BLOCK CAGE FREE FARM EARTHWORKS LAYOUT PLAN

PROJECT NO. **25E-0010**
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| COUNCIL RAL/MCU NO. | | |
| COUNCIL OW NO. | | |

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LEGEND:

EXISTING

- → → → Invert
- - - - - Property Boundary

PROPOSED

- Clean Area Road Pavement
- Dirty Area Road Pavement
- Vegetation Buffer
- Property Boundary
- Minor Contours
- 609.00 Major Contours
- → → → Invert
- (D)--(D)-- Indicative Stormwater Culvert
- ○ ○ ○ Fence

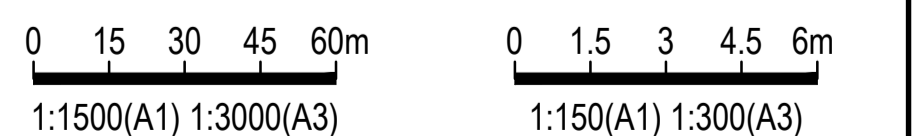
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DISCLAIMER NOTES:

D.1. This is a sketch plan only and is conceptual only.
D.2. This sketch plan represents design intent and concepts only.
D.3. Finished Floor Levels (FFL) advised by others and are set by flood modelling.
D.4. Information shown on these plans has been compiled from varying sources and may not be accurate and will need verifying. This includes imagery, existing infrastructure, property boundaries and natural surface data.
D.5. No reliance should be placed on the information on this plan for detailed design or any financial dealings involving this land.
D.6. This plan shall not be used for tendering, financing, ordering of materials, construction or any other unintended purpose.

WARWICK'S BLOCK CAGE FREE FARM EARTHWORKS SECTIONS



| ISSUE | DESCRIPTION | DATE | DWN | DES | CHK | APP |
|-------|--------------|----------|-----|-----|-----|-----|
| 1 | FOR APPROVAL | 16/10/25 | LMB | LMB | GS | |
| 0 | FOR APPROVAL | 15/08/25 | LMB | LMB | GS | |
| A | FOR COMMENT | 08/09/25 | LMB | LMB | GS | |

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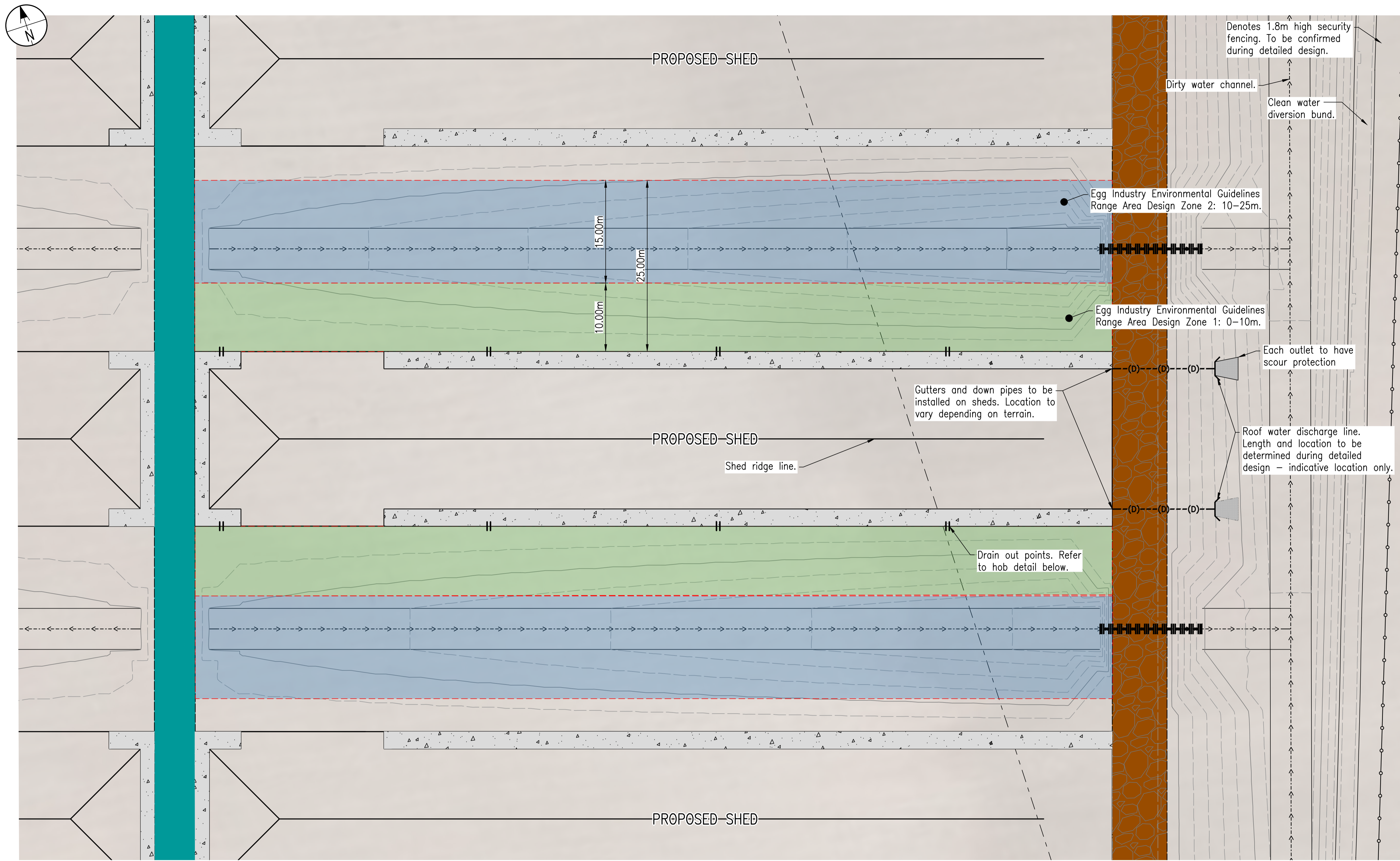


CLIENT
MCLEAN FARMS AUSTRALIA PTY LTD
PO BOX 158
PITTSWORTH, QLD, 4356

PROJECT
INTEGRATED EGG LAYING OPERATION
MURRAY VALLEY HIGHWAY
TORRUMBARRY, VIC, 3562

TITLE
WARWICK'S BLOCK CAGE FREE FARM EARTHWORKS SECTIONS

| | | |
|--------------------------------|--------------------------------|-------------------|
| HEIGHT DATUM AHD | MAP GRID VICGRID | SIZE A1 |
| COUNCIL RAL/MCU NO. - | | |
| COUNCIL OW NO. - | | |
| PROJECT NO. 25E-0010 | DRAWING NO. P-SK2005 | ISSUE 1 |



LEGEND:

EXISTING

- → → Invert
- - - - - Property Boundary

PROPOSED

- Clean Area Road Pavement
- Dirty Area Road Pavement
- Vegetation Buffer
- Property Boundary
- Invert
- (D)--(D)- Indicative Stormwater Culvert
- Fence
- Design Area Zone 1: 0-10m
- Design Area Zone 2: 10-25m

PLAN NOTES:

P.1. Plan is intended to be viewed in colour.
P.2. Intervals between contours - 0.2m.
Contours are design surface levels.

DISCLAIMER NOTES:

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D.5. This plan shall not be used for tendering, financing, ordering of materials, construction or any other unintended purpose.
D.6. Proposed mitigation strategies will be tested on a shed to determine bench marks. Best concepts to be adopted.
D.7. Arrangement of each shed is indicative only. Final arrangements to be determined during detailed design.

PROPOSED MITIGATION STRATEGIES:

C.1. Gutters and down pipes.
C.2. External hobs.
C.3. Defined external drainage points.

PASSIVE:

P.1. Sample soil test to be determined during detailed design to define bench marks.
P.2. Trial vegetative swales, types and locations to be determined during detailed design.

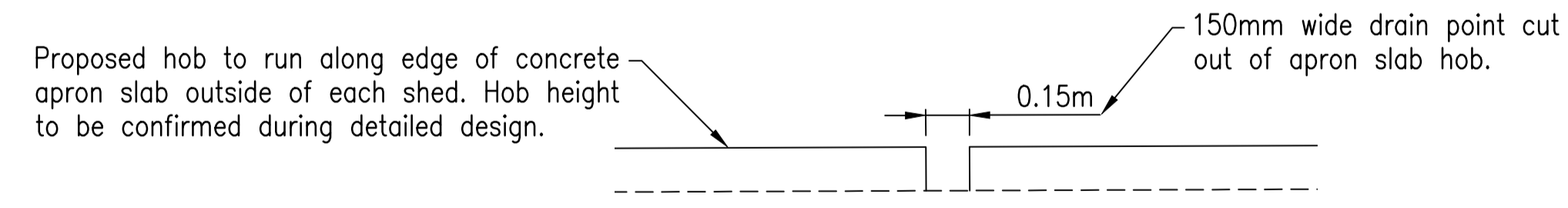
OPERATIONAL:

O.1. Trial mid batch apron cleaning.

EGG INDUSTRY ENVIRONMENTAL GUIDELINES

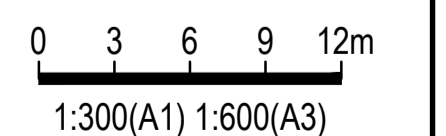
E.1. Zone 1: 0-10m
E.2. Zone 2: 10-25m
E.3. Zone 3: >25m

TYPICAL SHED CONCEPT LAYOUT PLAN
Scale 1:300 (A1)



HOB DETAIL
Do Not Scale.

WARWICK'S BLOCK EGG INDUSTRY GUIDELINES CONCEPT PLAN
Scale 1:300 (A1)



| ISSUE | DESCRIPTION | DATE | DWN | DES | CHK | APP |
|-------|--------------|----------|-----|-----|-----|-----|
| 1 | FOR APPROVAL | 16/10/25 | LMB | LMB | GS | |
| 0 | FOR APPROVAL | 15/08/25 | LMB | LMB | GS | |
| A | FOR COMMENT | 08/09/25 | LMB | LMB | GS | |

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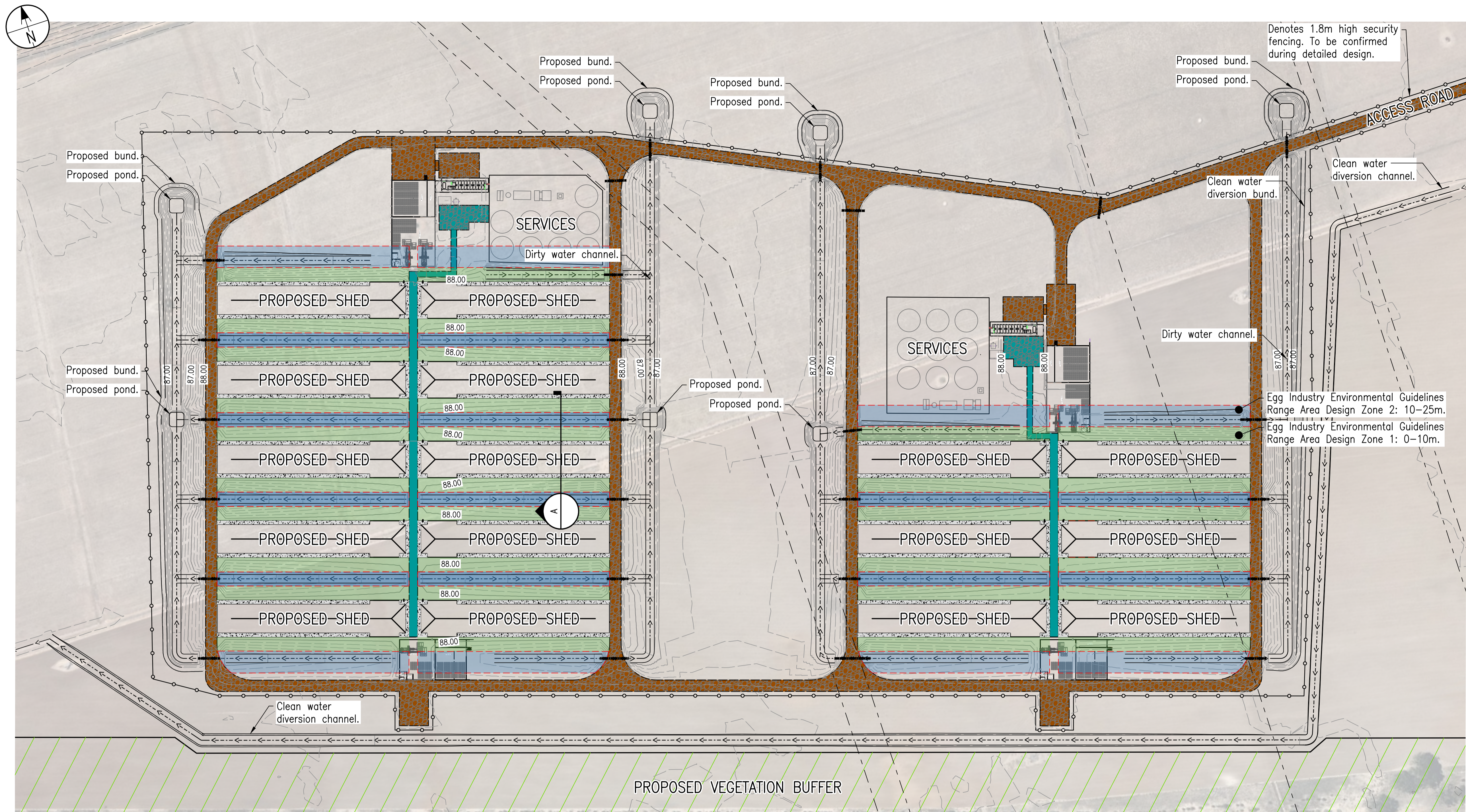
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PROJECT
INTEGRATED EGG LAYING OPERATION
MURRAY VALLEY HIGHWAY
TORRUMBARRY, VIC, 3562

TITLE
WARWICK'S BLOCK EGG INDUSTRY GUIDELINES CONCEPT PLAN

| | | |
|--------------------------------|--------------------------------|-------------------|
| HEIGHT DATUM AHD | MAP GRID VICGRID | SIZE A1 |
| COUNCIL RAL/MCU NO. - | | |
| COUNCIL OW NO. - | | |
| PROJECT NO. 25E-0010 | DRAWING NO. P-SK2006 | ISSUE 1 |

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N:\Synergy\Projects\25E-0010 Poultry Farm - Torrumbarry\8 Civil Model and Doc\MASTER DOCUMENTATION\02 Package\Drafting\P-SK2006.dwg C-SK2006



LEGEND:

EXISTING

- Invert
- - - Property Boundary

PROPOSED

- Clean Area Road Pavement
- Dirty Area Road Pavement
- Vegetation Buffer
- Property Boundary
- Invert
- (D)-(D)- Indicative Stormwater Culvert
- Fence
- Design Area Zone 1: 0-10m
- Design Area Zone 2: 10-25m

PLAN NOTES:

P.1. Plan is intended to be viewed in colour.
P.2. Intervals between contours - 0.2m.
Contours are design surface levels.

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D.7. Arrangement of each shed is indicative only. Final arrangements to be determined during detailed design.

PROPOSED MITIGATION STRATEGIES:

C.1. Gutters and down pipes.
C.2. External hobs.
C.3. Defined external drainage points.

PASSIVE:

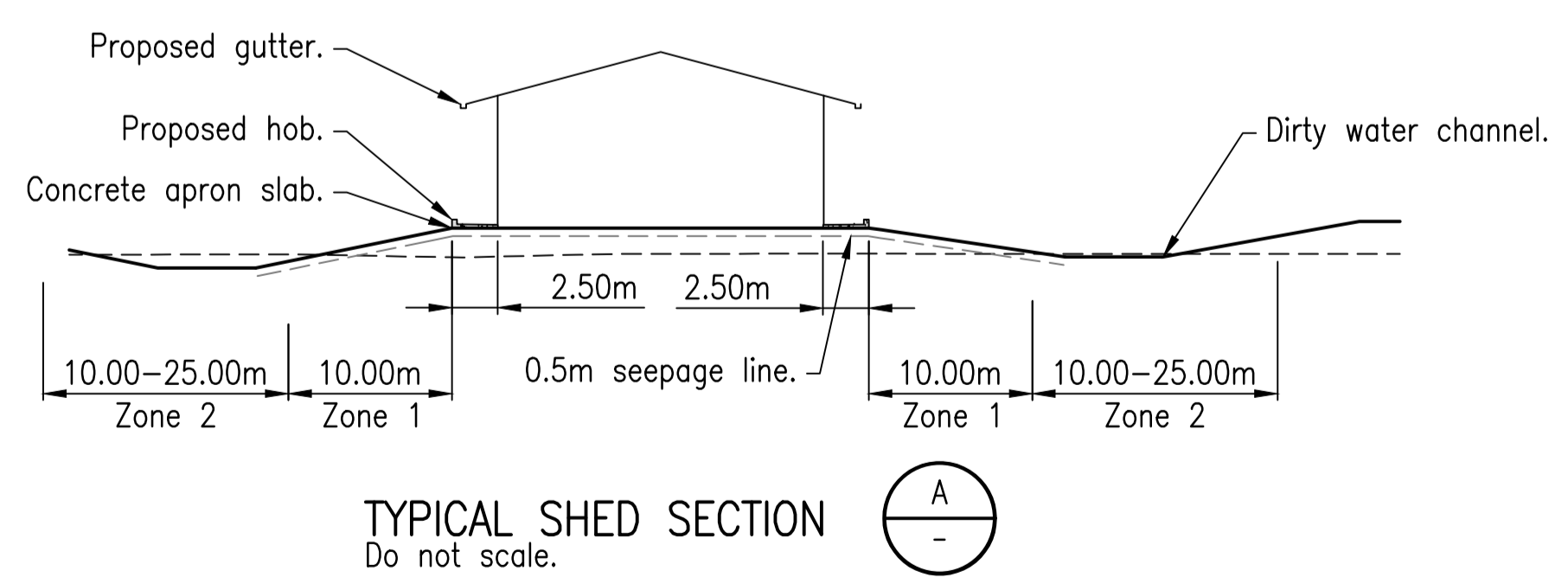
P.1. Sample soil test to be determined during detailed design to define bench marks.
P.2. Trial vegetative swales, types and locations to be determined during detailed design.

OPERATIONAL:

O.1. Trial mid batch apron cleaning.

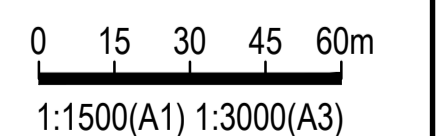
EGG INDUSTRY ENVIRONMENTAL GUIDELINES

E.1. Zone 1: 0-10m
E.2. Zone 2: 10-25m
E.3. Zone 3: >25m



EGG INDUSTRY GUIDELINES DESIGN SITE LAYOUT PLAN

Scale 1:1500 (A1)



| ISSUE | DESCRIPTION | DATE | DWN | DES | CHK | APP |
|-------|--------------|----------|-----|-----|-----|-----|
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| 0 | FOR APPROVAL | 15/08/25 | LMB | LMB | GS | |
| A | FOR COMMENT | 08/09/25 | LMB | LMB | GS | |

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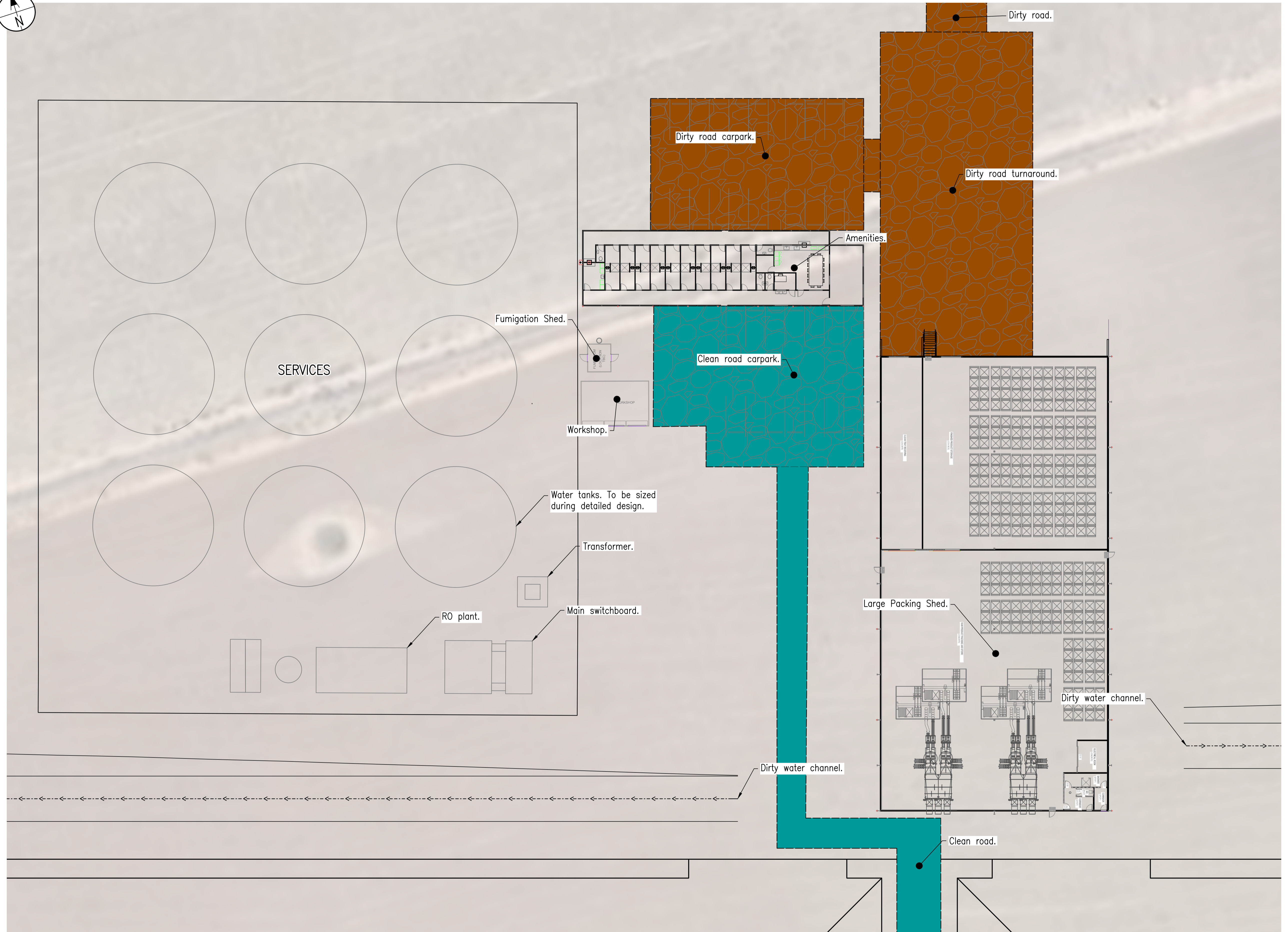
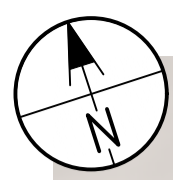
CLIENT
MCLEAN FARMS AUSTRALIA PTY LTD
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PITTSWORTH, QLD, 4356

PROJECT
INTEGRATED EGG LAYING OPERATION
MURRAY VALLEY HIGHWAY
TORRUMBARRY, VIC, 3562

TITLE
EGG INDUSTRY GUIDELINES DESIGN SITE LAYOUT PLAN

| | | |
|--------------------------------|--------------------------------|-------------------|
| HEIGHT DATUM AHD | MAP GRID VICGRID | SIZE A1 |
| COUNCIL RAL/MCU NO. - | | |
| COUNCIL OW NO. - | | |
| PROJECT NO. 25E-0010 | DRAWING NO. P-SK2007 | ISSUE 1 |

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LEGEND:

EXISTING

- → → → Invert
- - - - - Property Boundary

PROPOSED

- Clean Area Road Pavement
- Dirty Area Road Pavement
- Vegetation Buffer
- - - - - Property Boundary
- - - - - Minor Contours
- 609.00 — Major Contours
- → → → Invert
- (D)--(D)-- Indicative Stormwater Culvert

PLAN NOTES:

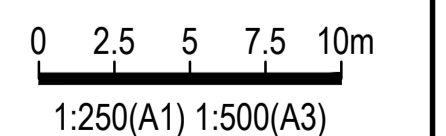
P.1. Plan is intended to be viewed in colour.
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WARWICK'S BLOCK CAGE FREE AMENITIES CONCEPT LAYOUT PLAN

Scale 1:250 (A1)



| ISSUE | DESCRIPTION | DATE | DWN | DES | CHK | APP |
|-------|--------------|----------|-----|-----|-----|-----|
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| 0 | FOR APPROVAL | 15/09/25 | LMB | LMB | GS | |

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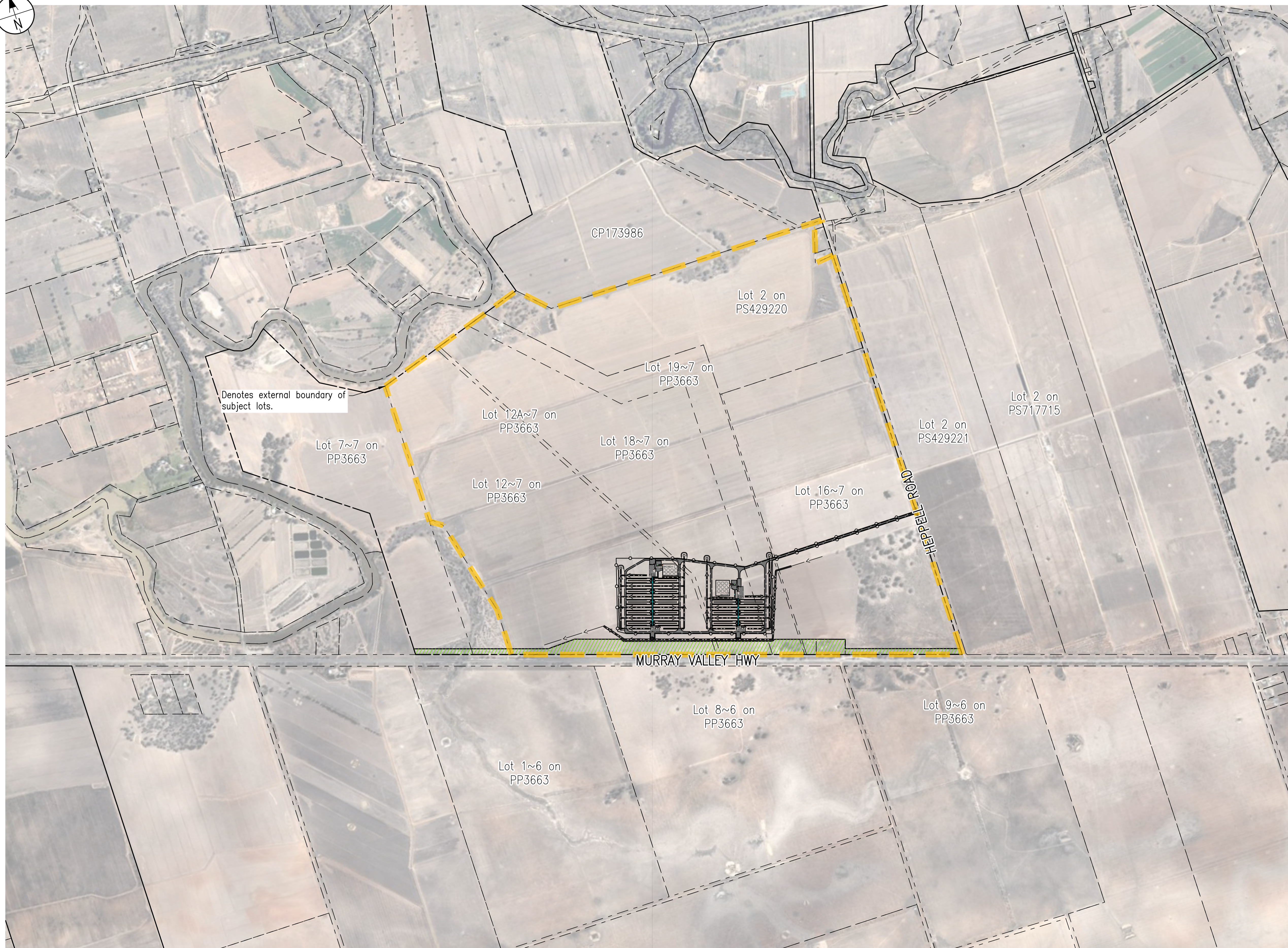
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PO BOX 158
PITTSWORTH, QLD, 4356

PROJECT
INTEGRATED EGG LAYING OPERATION
MURRAY VALLEY HIGHWAY
TORRUMBARRY, VIC, 3562

TITLE
WARWICK'S BLOCK CAGE FREE AMENITIES CONCEPT LAYOUT PLAN

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| | | |
|--------------------------------|--------------------------------|-------------------|
| HEIGHT DATUM AHD | MAP GRID VICGRID | SIZE A1 |
| COUNCIL RAL/MCU NO. - | | |
| COUNCIL OW NO. - | | |
| PROJECT NO. 25E-0010 | DRAWING NO. P-SK2008 | ISSUE 1 |



LEGEND:

EXISTING

- → → Invert
- - - Property Boundary

PROPOSED

- Clean Area Road Pavement
- Dirty Area Road Pavement
- Vegetation Buffer
- - - Property Boundary
- - - Minor Contours
- - - 609.00 Major Contours
- → → Invert
- (D)--(D)-- Indicative Stormwater Culvert

PLAN NOTES:

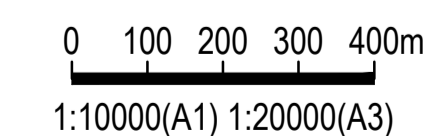
P.1. Plan is intended to be viewed in colour.
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WARWICK'S BLOCK CAGE FREE CONCEPT SITE PLAN

Scale 1:10000 (A1)



| ISSUE | DESCRIPTION | DATE | DWN | DES | CHK | APP |
|-------|--------------|----------|-----|-----|-----|-----|
| 1 | FOR APPROVAL | 16/10/25 | LMB | LMB | GS | |
| 0 | FOR APPROVAL | 15/06/25 | LMB | LMB | GS | |

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PROJECT
INTEGRATED EGG LAYING OPERATION
MURRAY VALLEY HIGHWAY
TORRUMBARRY, VIC, 3562

TITLE
WARWICK'S BLOCK CAGE FREE CONCEPT SITE PLAN

| | | |
|--------------------------------|--------------------------------|-------------------|
| HEIGHT DATUM AHD | MAP GRID VICGRID | SIZE A1 |
| COUNCIL RAL/MCU NO. - | | |
| COUNCIL OW NO. - | | |
| PROJECT NO. 25E-0010 | DRAWING NO. P-SK2009 | ISSUE 1 |

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Appendix C Before You Dig Australia (BYDA)

Contact Details

| | | | |
|---|---|---------------------|-------------------------------|
| Contact Isobella Kerridge | Contact number (07) 3846 5885 | Company - | Enquirer ID 3614883 |
| Email isobella.kerridge@rmaeng.com.au | Address 1/32 Cordelia St South Brisbane QLD 4101 | | |

Job Site and Enquiry Details

WARNING: The map below only displays the location of the proposed job site and does not display any asset owners' pipe or cables. The area highlighted has been used only to identify the participating asset owners, who will send information to you directly.

| | | | | | | |
|-----------------------------------|---------------------------------|-------------------------------|--------------------------------|------------------------------|-----------------------------|---|
| Enquiry date 12/05/2025 | Start date 13/05/2025 | End date 13/05/2025 | On behalf of Private | Job purpose Design | Locations Private | Onsite activities Planning & Design |
|-----------------------------------|---------------------------------|-------------------------------|--------------------------------|------------------------------|-----------------------------|---|



Check that the location of the job site is correct. If not, you must submit a new enquiry.

If the scope of works change or plan validity dates expire, you must submit a new enquiry.

Do NOT dig without plans. Safe excavation is your responsibility. If you don't understand the plans or how to proceed safely, please contact the relevant asset owners.

| | | |
|---|--|-------------------------------|
| User Reference 2952 Murray Valley Highway | Address 2952 Murray Valley Highway Torrumbarry VIC 3562 | Notes/description - |
|---|--|-------------------------------|

Your Responsibility and Duty of Care

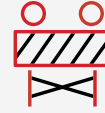
- **Lodging an enquiry does not authorise project commencement.** Before starting work, you must obtain all necessary information from all affected asset owners.
- If you don't receive plans within 2 business days, contact the asset owner & quote their sequence number.
- Always follow the 5Ps of Safe Excavation (page 2), and locate assets before commencing work.
- Ensure you comply with State legislative requirements for Duty of Care and safe digging.
- If you damage an underground asset, you MUST advise the asset owner immediately.
- By using the BYDA service, you agree to the [Privacy Policy](#) and [Term of Use](#).
- For more information on safe digging practices, visit www.byda.com.au

Asset Owner Details

Below is a list of asset owners with underground infrastructure in and around your job site. It is your responsibility to identify the presence of these assets. Plans issued by Members are indicative only unless specified otherwise. Note: not all asset owners are registered with BYDA. You must contact asset owners not listed here directly.

| Referral ID (Seq. no) | Authority Name | Phone | Status |
|-----------------------|------------------------|----------------|----------|
| 254883493 | Campaspe Shire Council | (03) 5481 2200 | NOTIFIED |
| 254883498 | Nextgen (VIC) | 1800 262 663 | NOTIFIED |
| 254883495 | Powercor Australia Ltd | 13 22 06 | NOTIFIED |
| 254883497 | Powercor Australia Ltd | 13 22 06 | NOTIFIED |
| 254883496 | Powercor Australia Ltd | 13 22 06 | NOTIFIED |
| 254883494 | Powercor Australia Ltd | 13 22 06 | NOTIFIED |
| 254883499 | Telstra VICTAS | 1800 653 935 | NOTIFIED |

END OF UTILITIES LIST



Plan

Plan your job. Use the BYDA service at least one day before your job is due to begin, and ensure you have the correct plans and information required to carry out a safe project.

Prepare

Prepare by communicating with asset owners if you need assistance. Look for clues onsite. Engage a skilled Locator.

Pothole

Potholing is physically sighting the asset by hand digging or hydro vacuum extraction.

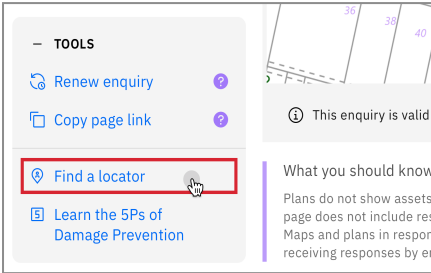
Protect

Protecting and supporting the exposed infrastructure is the responsibility of the excavator. Always erect safety barriers in areas of risk and enforce exclusion zones.

Proceed

Only proceed with your excavation work after planning, preparing, potholing (unless prohibited), and having protective measures in place.

Engage a skilled Locator



When you lodge an enquiry you will see skilled Locators to contact

Visit the Certified Locator website directly and search for a locator near you

certloc.com.au/locators

Get FREE Quotes for Contractors & Equipment Fast



Use iseekplant's FREE marketplace to get quotes for the equipment or services you need on your project. Compare quotes from trusted local contractors and get your project done on time and in budget.

1. Fill out your job details in our FREE quick quote form.
2. We send the request to trusted local contractors.
3. The local contractors will contact you directly with quotes

GET QUOTE

Use iseekplant to find trusted contractors near you today, visit: blog.iseekplant.com.au/byda-isp-get-quotes

Book a FREE BYDA Session



BYDA offers free training sessions to suit you and your organisation's needs covering safe work practices when working near essential infrastructure assets. The free sessions are offered in two different formats - online and face-to-face.

To book a session, visit: byda.com.au/contact/education-awareness-enquiry-form

BOOK NOW



12/05/2025

To:

Isobella Kerridge, (Customer ID: 3614883)
Not Supplied
1/32 Cordelia St
South Brisbane QLD 4101

Email: opga3fqymnj6um.a0de8xi2lyq1q2@smarterwx-mail.byda.com.au

Phone: +61738465885

Campaspe Shire Council

Cnr Hare & Heygarth Streets,
Echuca VIC 3564
PO Box 35 Echuca VIC 3564

Phone: 1300 666 535
(03) 5481 2200

Fax: (03) 5481 2290

Email: shire@campaspe.vic.gov.au

www.campaspe.vic.gov.au

ABN 23 604 881 620

Dear Isobella Kerridge

The following is our response to your Dial Before You Dig enquiry.

Assets Affected: Campaspe Shire Council Drainage

Sequence No: 254883493

Location: 2952 Murray Valley Highway, Torrumbarry

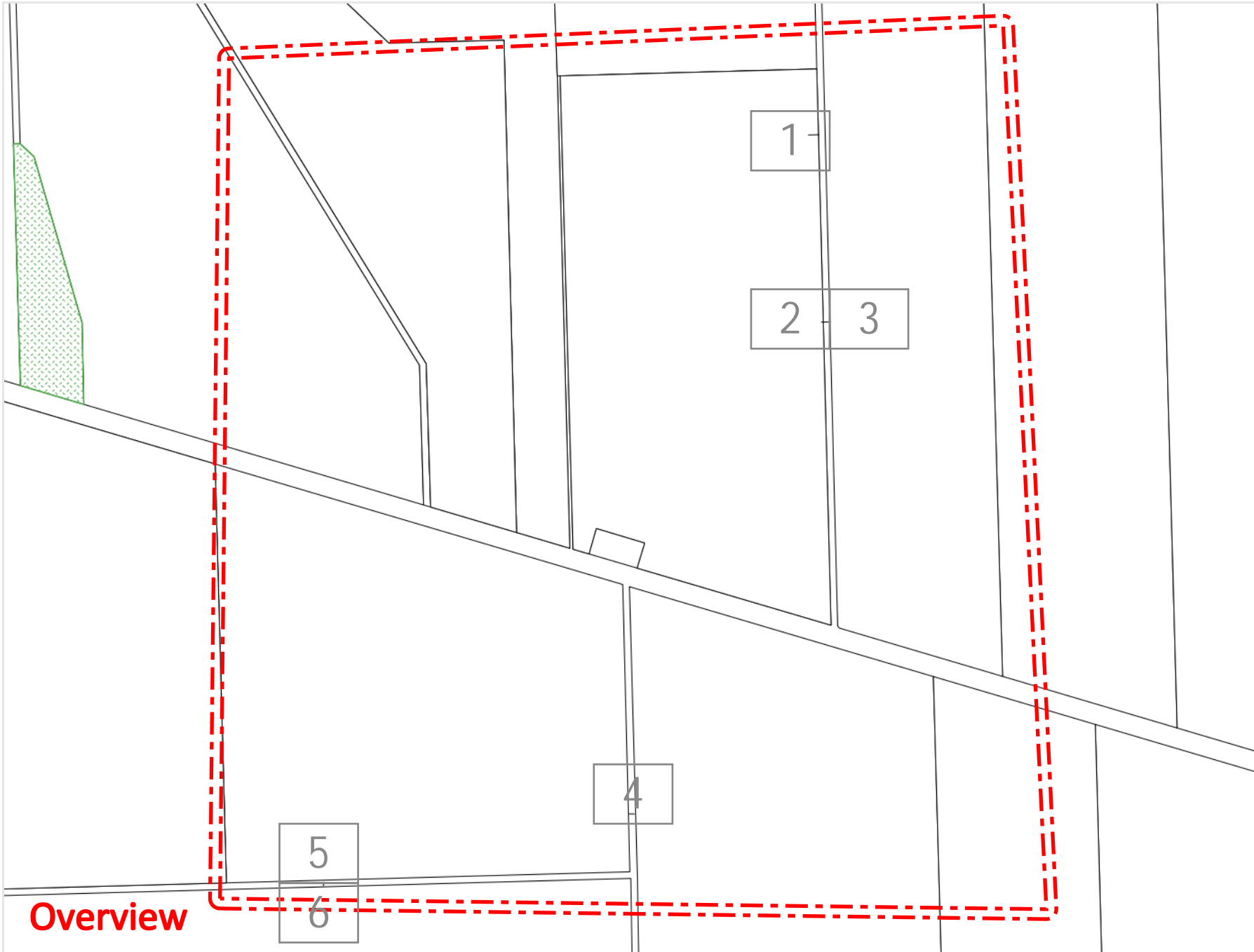
Commencement Date: 13/05/2025

Please read over the attached documents for more information about your enquiry.




While reasonable measures have been taken to ensure the accuracy of the information contained in this plan response, neither Campaspe Shire Council or PelicanCorp shall have any liability whatsoever in relation to any loss, damage, cost or expense arising from the use of this plan response or the information contained in it or the completeness or accuracy of such information. Use of such information is subject to and constitutes acceptance of these terms.

DISCLAIMER: This information is supplied by the Campaspe Shire Council. The information has not been verified for accuracy. In all instances it is essential the information be proved on site by the user. No guarantee is given that the information is accurate or that all services are shown.

We are providing this information to you for information purposes only. The service is in no way permission to undertake works in a road reserve within the Campaspe Shire Council. To undertake works in a Road Reserve an "Occupation of Road for Works" Permit must be obtained. Occupation of Road Works Permit can be obtained by contacting the Technical Services Unit Leader or Campaspe Shire Council Call Centre 03 5481 2200.



Legend

-  Drainage Structure
-  Drainage Pipe
-  Fibre Optic Line

We are providing this plan to you for information purposes only.

The service is in no way permission to undertake works in a road reserve within the Campaspe Shire Council.

To undertake works in a Road Reserve a "Works Within Road Reserve Application" must be completed and submitted to the Technical Services Unit Leader or Campaspe Shire Council Call Centre on 03 5481 2200.






Scale: 1:15996
Expires: 09 Jun 2025

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Legend

-  Drainage Structure
-  Drainage Pipe
-  Fibre Optic Line

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Scale: 1:1000
Expires: 09 Jun 2025

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Tile No: 1



Legend

-  Drainage Structure
-  Drainage Pipe
-  Fibre Optic Line

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To undertake works in a Road Reserve a "Works Within Road Reserve Application" must be completed and submitted to the Technical Services Unit Leader or Campaspe Shire Council Call Centre on 03 5481 2200.






Scale: 1:1000
Expires: 09 Jun 2025

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Tile No: 2

Legend

-  Drainage Structure
-  Drainage Pipe
-  Fibre Optic Line

We are providing this plan to you for information purposes only.

The service is in no way permission to undertake works in a road reserve within the Campaspe Shire Council.

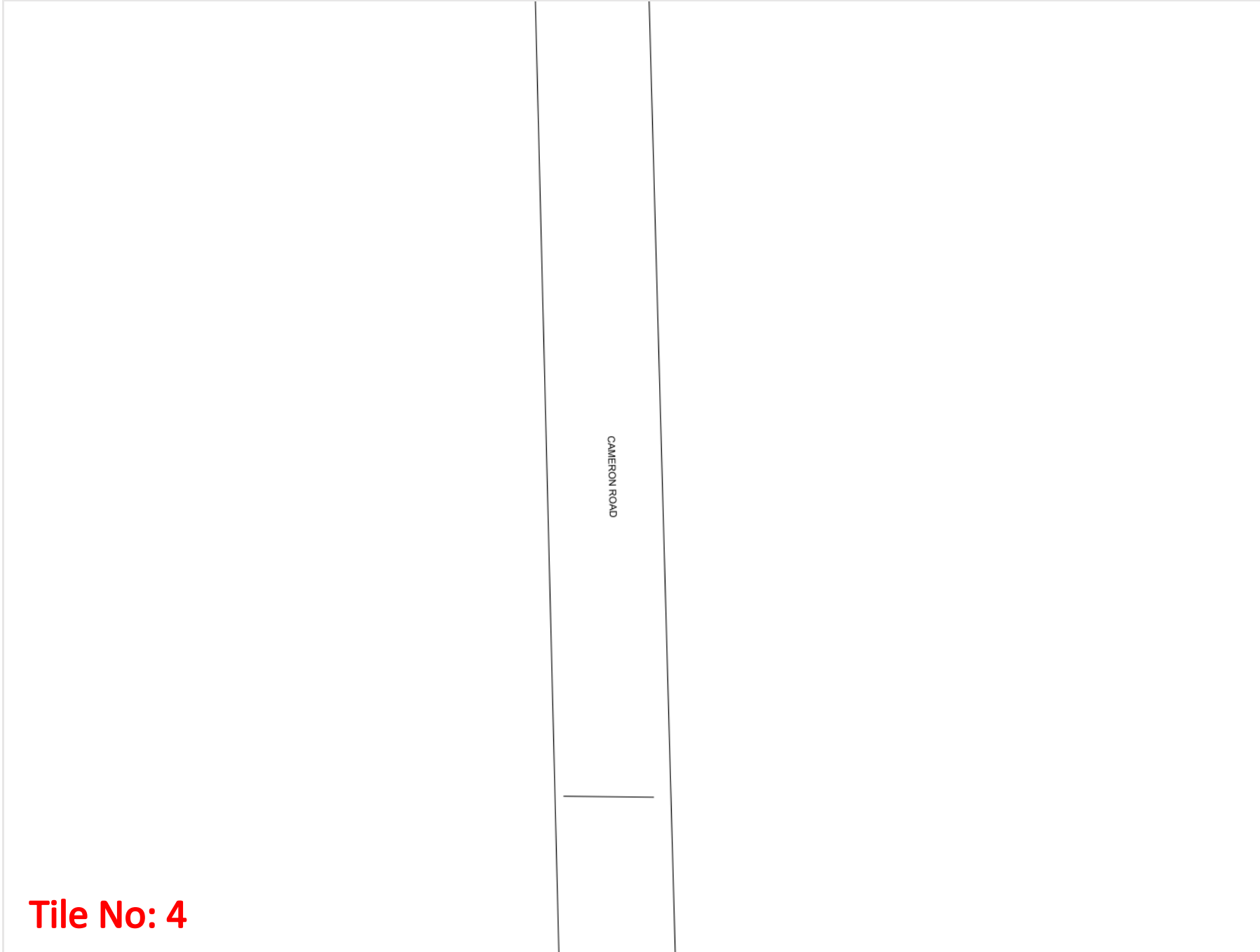
To undertake works in a Road Reserve a "Works Within Road Reserve Application" must be completed and submitted to the Technical Services Unit Leader or Campaspe Shire Council Call Centre on 03 5481 2200.






Scale: 1:1000
Expires: 09 Jun 2025

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Tile No: 3




Legend

-  Drainage Structure
-  Drainage Pipe
-  Fibre Optic Line

We are providing this plan to you for information purposes only.

The service is in no way permission to undertake works in a road reserve within the Campaspe Shire Council.




To undertake works in a Road Reserve a "Works Within Road Reserve Application" must be completed and submitted to the Technical Services Unit Leader or Campaspe Shire Council Call Centre on 03 5481 2200.

 N
 Scale: 1:1000
 Expires: 09 Jun 2025

DISCLAIMER: While reasonable measures have been taken to ensure the accuracy of the information contained in this plan response, neither Campaspe Shire Council or PelicanCorp shall have any liability whatsoever in relation to any loss, damage, cost or expense arising from the use of this plan response or the information contained in it or the completeness or accuracy of such information. Use of such information is subject to and constitutes acceptance of these terms.

Tile No: 4

Legend

-  Drainage Structure
-  Drainage Pipe
-  Fibre Optic Line

We are providing this plan to you for information purposes only.

The service is in no way permission to undertake works in a road reserve within the Campaspe Shire Council.

To undertake works in a Road Reserve a "Works Within Road Reserve Application" must be completed and submitted to the Technical Services Unit Leader or Campaspe Shire Council Call Centre on 03 5481 2200.






Scale: 1:1000
Expires: 09 Jun 2025

DISCLAIMER: While reasonable measures have been taken to ensure the accuracy of the information contained in this plan response, neither Campaspe Shire Council or PelicanCorp shall have any liability whatsoever in relation to any loss, damage, cost or expense arising from the use of this plan response or the information contained in it or the completeness or accuracy of such information. Use of such information is subject to and constitutes acceptance of these terms.

Tile No: 5



Legend

-  Drainage Structure
-  Drainage Pipe
-  Fibre Optic Line

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Scale: 1:1000
Expires: 09 Jun 2025

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Tile No: 6



Dial Before You Dig (DBYD) Electrical Asset Location Information

CitiPower/Powercor

Locked Bag 14090, Melbourne VIC 8001

General Enquiries Telephone: 132 206

To: ('Enquirer')

Isobella Kerridge

1/32 Cordelia St

South Brisbane QLD 4101

Enquiry Details

| | |
|------------------|---|
| Utility ID | 50021 |
| Sequence Number | 254883494 |
| Enquiry Date | 12/05/2025 |
| Response | ALL CLEAR |
| Address | 2952 Murray Valley Highway Torrumbarry, VIC 3562 |
| Location in Road | |
| Activity | Planning & Design |

Enquirer Details

| | |
|-------------|--|
| Customer ID | 3614883 |
| Contact | Isobella Kerridge |
| Company | Not Supplied |
| Email | opga3fqymnj6um.007pdf5686x8@smarterwx-mail.byda.com.au |
| Phone | +61738465885 |

Enquirer Responsibilities

This notification is valid for 28 days from the issue date. CitiPower/Powercor assets are critical infrastructure and great care must be taken to avoid asset damage and risk to public safety. The information supplied in the DBYD Response is intended to be indicative only. External parties should make their own enquiries to ensure the accuracy of the information, including but not limited to:

- Check that the location of the dig site indicated is correct, if not you must submit a new enquiry.
- Should your scope of works change or the plan validity dates expire, you must submit a new enquiry.
- If you do not understand the plans provided please contact CitiPower/Powercor prior to works commencing.
- Always perform an onsite inspection to establish the presence of assets.
- Ensure you adhere to any State legislative requirements regarding Duty of Care and safe digging requirements.

Report any asset damage immediately on 132 206. Note: CitiPower/Powercor reserves the right to recover compensation for damages.



Dial Before You Dig (DBYD) Electrical Asset Location Information

CitiPower/Powercor

Locked Bag 14090, Melbourne VIC 8001

General Enquiries Telephone: 132 206

To: ('Enquirer')

Isobella Kerridge

1/32 Cordelia St

South Brisbane QLD 4101

Enquiry Details

| | |
|------------------|---|
| Utility ID | 50021 |
| Sequence Number | 254883495 |
| Enquiry Date | 12/05/2025 |
| Response | ALL CLEAR |
| Address | 2952 Murray Valley Highway Torrumbarry, VIC 3562 |
| Location in Road | |
| Activity | Planning & Design |

Enquirer Details

| | |
|-------------|--|
| Customer ID | 3614883 |
| Contact | Isobella Kerridge |
| Company | Not Supplied |
| Email | opga3fqymnj6um.kh27zwzr4mxhi4@smarterwx-mail.byda.com.au |
| Phone | +61738465885 |

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Locality Map

254883495

2952 Murray Valley Highway, Torrumbarry, VIC 3562

MAP IS A GUIDE ONLY - REFER TO CABLE PLANS FOR ACCURATE ASSET LOCATIONS



Overview

LEGEND:

- DBYD Work Area
- Zone Substation

- High Voltage Cable
- Low Voltage Cable

- Communication Cable
- Earth Cable

- SWER Substation
- Distribution Substation

Pole

This map represents the location of the submitted DBYD Work Area and all Citipower/Powercor responses are based on this location. It is the responsibility of the enquirer to ensure the accuracy of the DBYD Work Area.

Scale: 1:6614



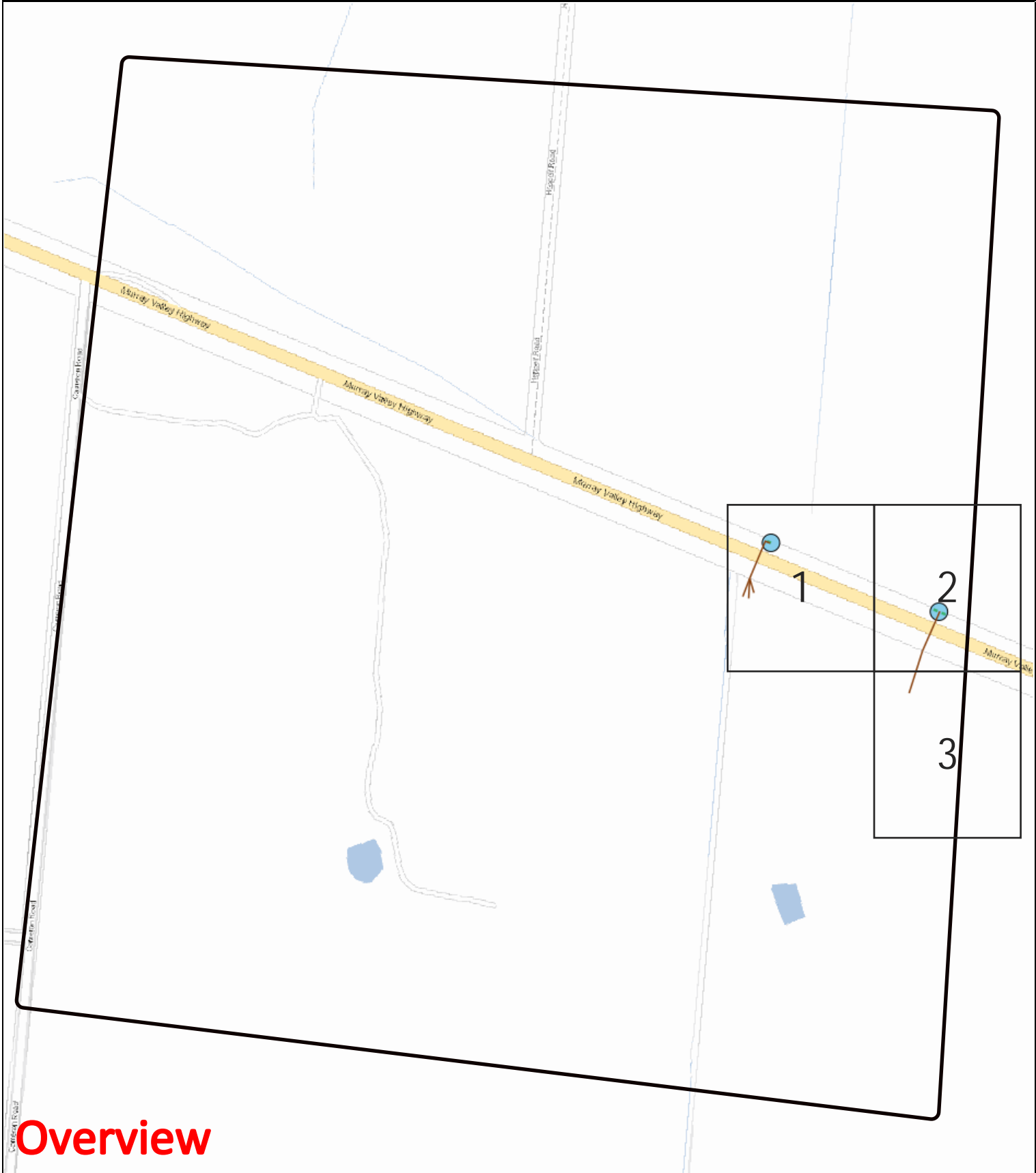


Locality Map

254883496

2952 Murray Valley Highway, Torrumbarry, VIC 3562

MAP IS A GUIDE ONLY - REFER TO CABLE PLANS FOR ACCURATE ASSET LOCATIONS



Overview

LEGEND:

- DBYD Work Area
- Zone Substation

- High Voltage Cable
- Low Voltage Cable

- Communication Cable
- Earth Cable

- SWER Substation
- Distribution Substation
- Pole

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Scale: 1:7023



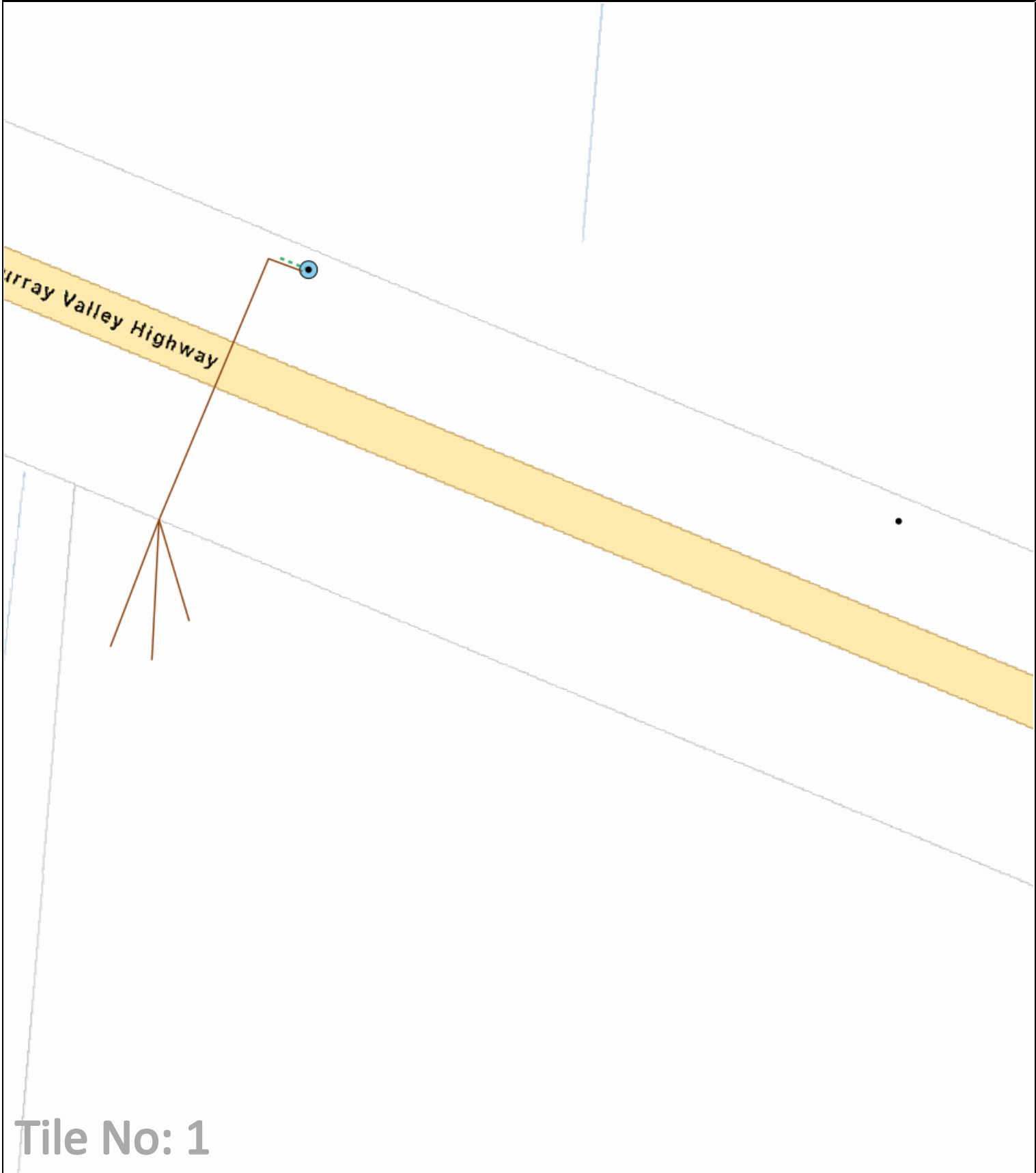


Locality Map

254883496

2952 Murray Valley Highway, Torrumbarry, VIC 3562

MAP IS A GUIDE ONLY - REFER TO CABLE PLANS FOR ACCURATE ASSET LOCATIONS



Tile No: 1

LEGEND:

□ DBYD Work Area

— High Voltage Cable

--- Communication Cable

● SWER Substation

● Pole

■ Zone Substation

— Low Voltage Cable

--- Earth Cable

● Distribution Substation

This map represents the location of the submitted DBYD Work Area and all Citipower/Powercor responses are based on this location. It is the responsibility of the enquirer to ensure the accuracy of the DBYD Work Area.

Scale: 1:1000



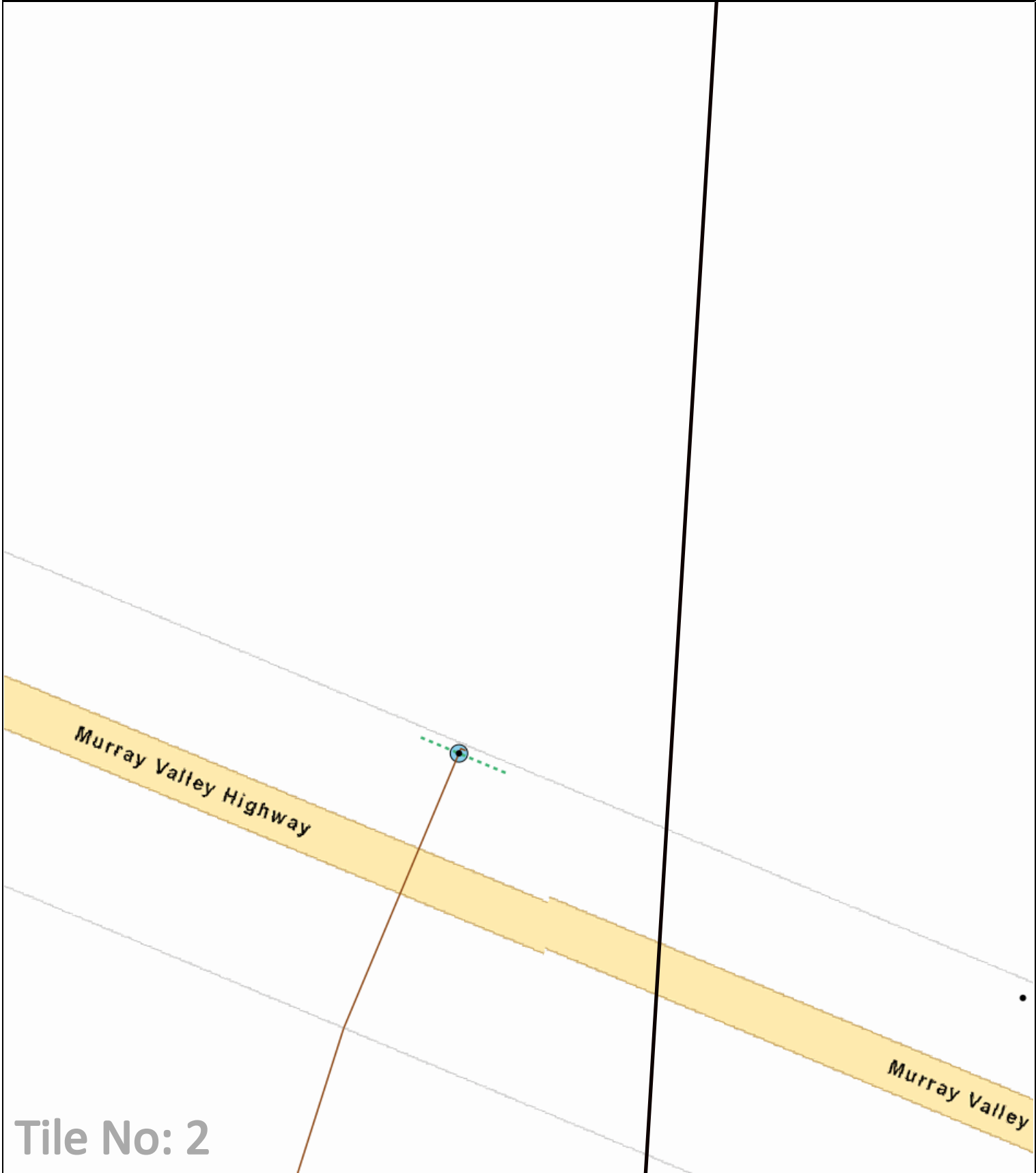


Locality Map

254883496

2952 Murray Valley Highway, Torrumbarry, VIC 3562

MAP IS A GUIDE ONLY - REFER TO CABLE PLANS FOR ACCURATE ASSET LOCATIONS



LEGEND:

□ DBYD Work Area

— High Voltage Cable

--- Communication Cable

● SWER Substation

● Pole

■ Zone Substation

— Low Voltage Cable

--- Earth Cable

● Distribution Substation

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Scale: 1:1000



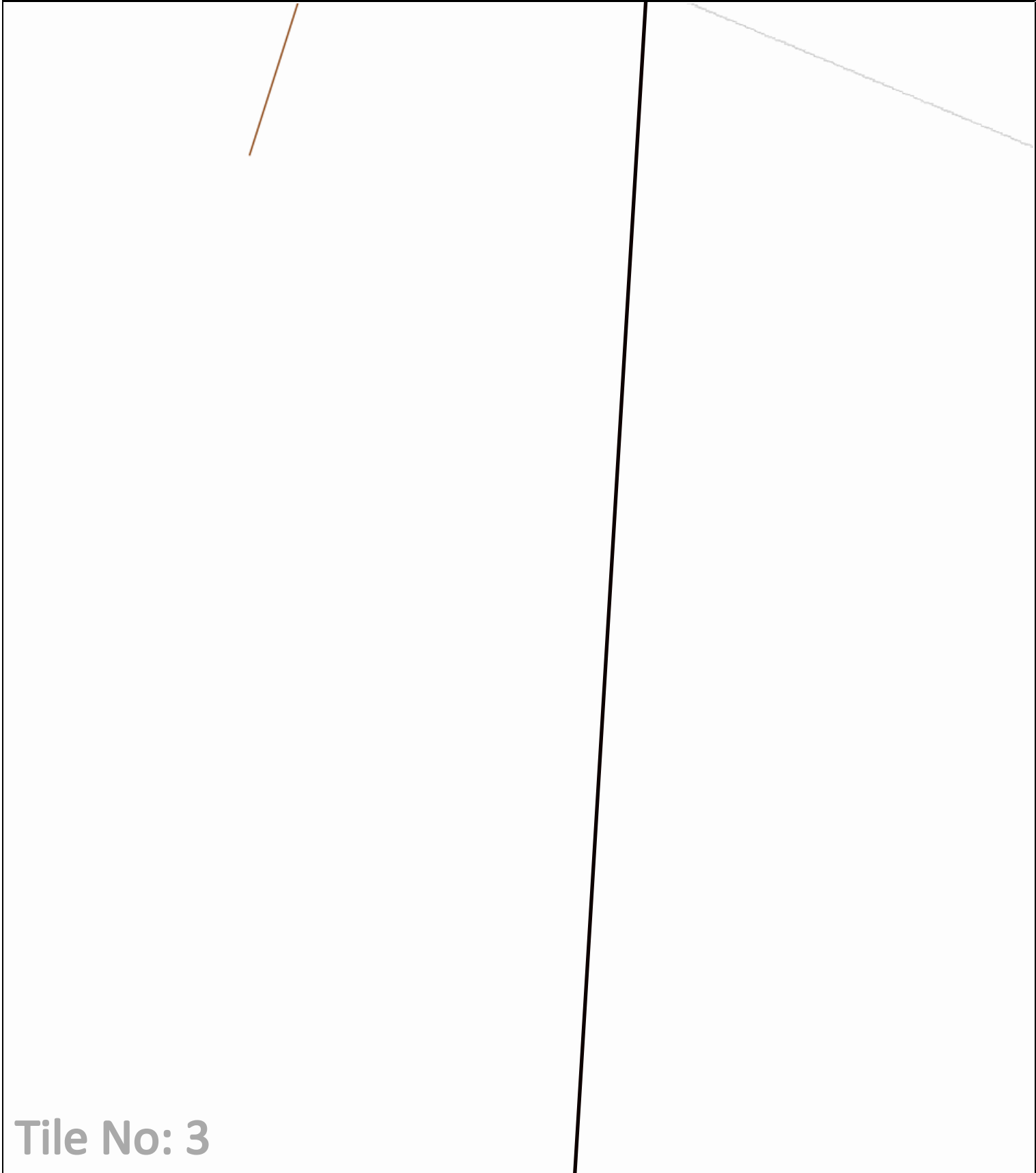


Locality Map

254883496

2952 Murray Valley Highway, Torrumbarry, VIC 3562

MAP IS A GUIDE ONLY - REFER TO CABLE PLANS FOR ACCURATE ASSET LOCATIONS



Tile No: 3

LEGEND:

- DBYD Work Area
- High Voltage Cable
- Communication Cable
- SWER Substation
- Pole
- Zone Substation
- Low Voltage Cable
- Earth Cable
- Distribution Substation

This map represents the location of the submitted DBYD Work Area and all Citipower/Powercor responses are based on this location. It is the responsibility of the enquirer to ensure the accuracy of the DBYD Work Area.

Scale: 1:1000



UNDERGROUND ELECTRICITY HAZARD AWARENESS INSTRUCTIONS



For CitiPower & Powercor Dial Before You Dig customers

Always complete a **Dial Before You Dig** request before you proceed with any work plans



If there are **Underground Electricity assets identified within your work area please ensure that you carefully evaluate all of the information provided**

If any part of your proposed works impacts on the **EXCLUSION ZONES** shown on the next page then before proceeding you must contact CitiPower/Powercor to determine if a **PERMIT TO WORK** is required and to organise a **SITE VISIT**

Site Visit/Permit To Work applications may be lodged at:

<https://www.citipower.com.au/working-with-us/suppliers/online-permit-applications/site-visit/>

If you need assistance to determine if you need a Site Visit please call:



CitiPower on 1300 301 101



Powercor on 132 206

Underground Electricity Asset Location Details Accuracy:

The Underground Electricity asset location details provided with this response are based on the best information available at the time

All reasonable care has been taken to ensure the accuracy of the information provided but complete accuracy cannot be guaranteed

Please be aware that the Underground Electricity Asset depths shown on the attached plans are accurate at the time of recording, however, due to works undertaken over the years by parties other than CitiPower/Powercor the Underground Electricity Asset depths may differ to those shown on the plans

**Contact with Underground Electricity Cables
can cause serious injury or death**

**If you observe any Underground Electricity Assets that do not
appear on the records provided**

Stop Work Immediately

and contact CitiPower/Powercor on the above numbers

UNDERGROUND ELECTRICITY HAZARD AWARENESS INSTRUCTIONS

For CitiPower & Powercor Dial Before You Dig customers

EXCLUSION ZONES

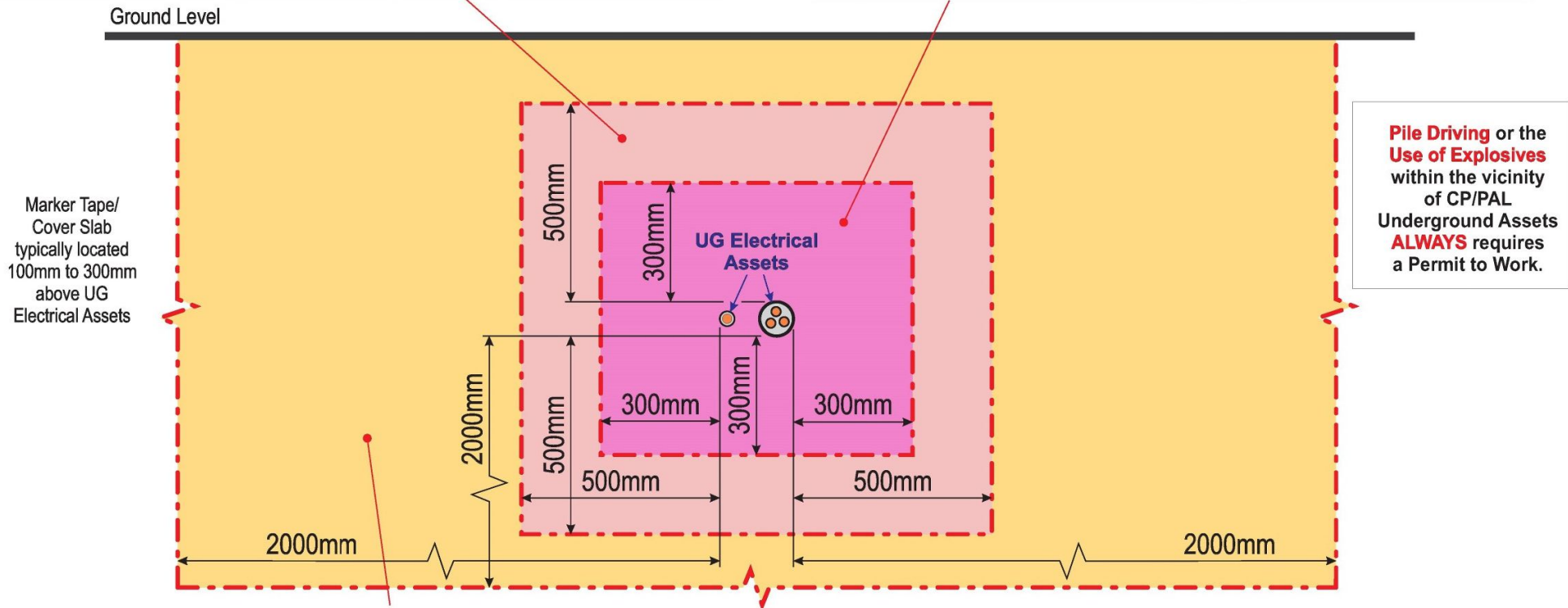


500mm Exclusion Zone Heavy Machinery & Mechanical Excavation

Heavy (Crawler Type) Machinery operation and Mechanical Excavation within a 500mm distance of Underground Electricity Assets requires a Permit to Work

300mm Exclusion Zone Hand Tools Only

All Excavation within a 300mm distance of Underground Electricity Assets requires a Permit to Work and must only be performed with Hand Tools



2000mm Exclusion Zone
Works within this area that require a Site Technical Assessment and may require a Permit to Work includes:

Pot Hole Boring Machine (Vertical Boring), Directional Boring Machine, Excavations Parallel to Underground Electricity Assets, Excavations Across Underground Electricity Assets

For Underground Electricity Asset location purposes:







Careful Excavation by hand may be performed under a Permit to Work above energised Underground Electricity Assets within the Exclusion Zone. Excavation must cease once either Marker Tape, Cover Slab or top of asset is located. All excavation must be performed BY HAND using only non-powered tools. No disturbance of the Marker Tape, the Protective Cover or the Asset is allowed. Any disturbance must be reported immediately to CitiPower/Powercor.

Excavation Below Underground Electricity Assets:

All excavation BELOW Underground Electricity Assets outside of the Exclusion Zone must ensure that there is no disturbance to the asset and that the area is restored to full pre-excavation integrity upon reinstatement.

UNDERGROUND SERVICE CABLE INSTALLATION / ALTERATION

| | | | | | | | | | |
|---------------|-------------------------------|-------|------|-----------|------------|----------------|-------------|--------------------|--|
| ADDRESS | MURRAY VALLEY HWY | | | | | SUBURB | TORRUMBARRY | | |
| CABLE DETAILS | SIZE | CORES | TYPE | CONDUCTOR | CONNECTION | DATE INSTALLED | POLE NUMBER | 257 (LIS - 156918) | |
| | 185mm | 4 | XLPE | Cu | FOLCB | 21/1/25 | | | |
| INSTALLER | WATTERS ELECTRICAL PTY. LTD., | | | | | | | | |

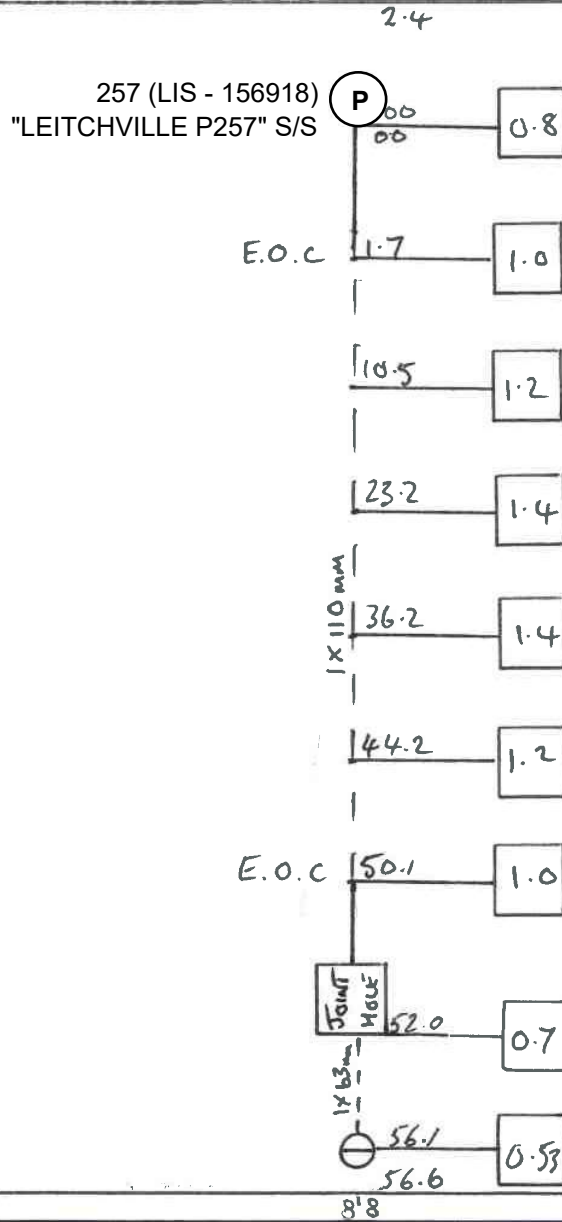
| | | | | |
|---|--|--|--|---|
|  | --- UNDERGROUND CABLE ——— OVERHEAD LINE |  SERVICE PIT  SERVICE PIT (ROADWAY) |  LV POLE (GENERAL)  SERVICE CONNECTION FACILITY |  POLE SUBSTATION  SERVICE PILLAR |
|---|--|--|--|---|

SERVICE CABLE IN 100 HD PVC CONDUIT UNLESS OTHERWISE STATED

NOTES:

Supersede - PCA50/5140422 Added to PCA50/2120806 - W/F 2120806

B/L



Electricity Networks - ENUG CABLE POLE TO PIT A4-V1.1

| | |
|-----------------|----------------|
| PROJECT NUMBER | 2120806 |
| CPM REF No. | NA |
| BUSINESS CENTRE | SHEPPARTON |
| CONTACT OFFICER | NA |
| ROAD DIRECTORY | VicRoads 31 A2 |
| BASE PLAN No. | NA |



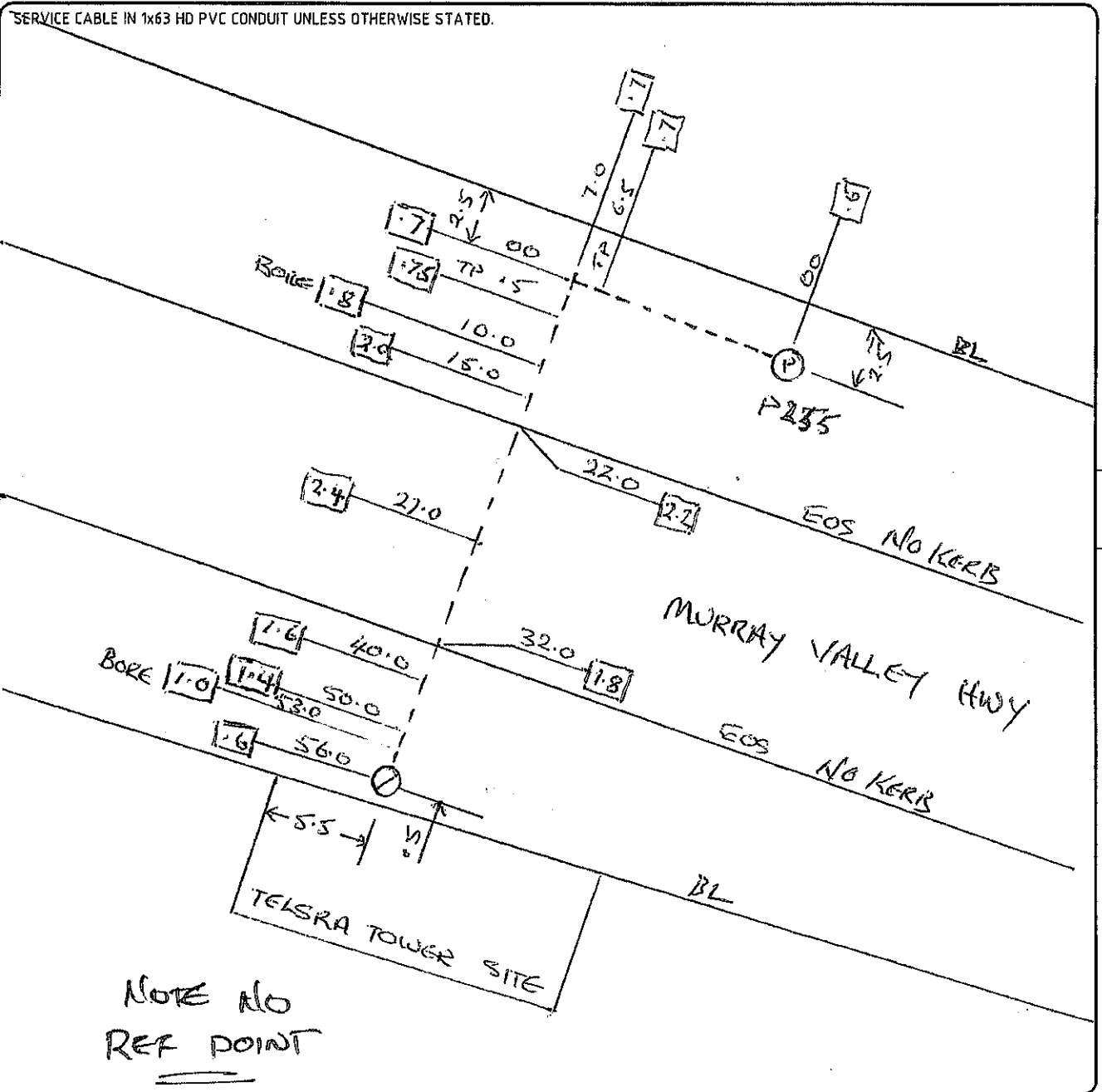

Electricity Networks
 Locked Bag 14080
 Melbourne 8001
www.citipower.com.au
www.powercor.com.au

| | | | |
|------------------|-----------------------|----------------------------|---------------------|
| NOT TO SCALE | | MEASUREMENTS ARE IN METRES | |
| DRAWING NUMBER | PCA50/2120806 | | |
| DRAWN | WATTERS 21/01/2025 | CHECKED | SAMBA 25/02/2025 |
| CIP/PCA APPROVED | DAYA 25/02/2025 | | |

UNDERGROUND SERVICE CABLE INSTALLATION/ALTERATION

| | | | | | | | | | |
|---------------|------------------------------|-------|------|-----------|-------------|----------------|-------------|--------|--|
| ADDRESS | MURRAY VALLEY HWY | | | | | SUBURB | TORRUMBARRY | | |
| CABLE DETAILS | SIZE | CORES | TYPE | CONDUCTOR | CONNECTION | DATE INSTALLED | POLE NUMBER | 704476 | |
| | 16mm | 4 | XLPE | Cu / AL | FOLCB / ESB | | | | |
| INSTALLER | RICH RIVER HORIZONTAL BORING | | | | | | | | |

| | | | | |
|--|-------------------------|-------------------------|-------------------------------|-------------------|
| | ----- UNDERGROUND CABLE | ⊖ SERVICE PIT | ● LV POLE (GENERAL) | Ⓟ POLE SUBSTATION |
| | ——— OVERHEAD LINE | ▭ SERVICE PIT (ROADWAY) | ⊠ SERVICE CONNECTION FACILITY | □ SERVICE PILLAR |



Electricity Networks - EN UG CABLE POLE TO PIT A4 - V1.0

| | |
|-----------------|-----------------|
| PROJECT NUMBER | 1185926/5068356 |
| BUSINESS CENTRE | Pendigo |
| CONTACT OFFICER | Rachel Edwards |
| ROAD DIRECTORY | VR 30 J2 |
| BASE PLAN No. | N/A |

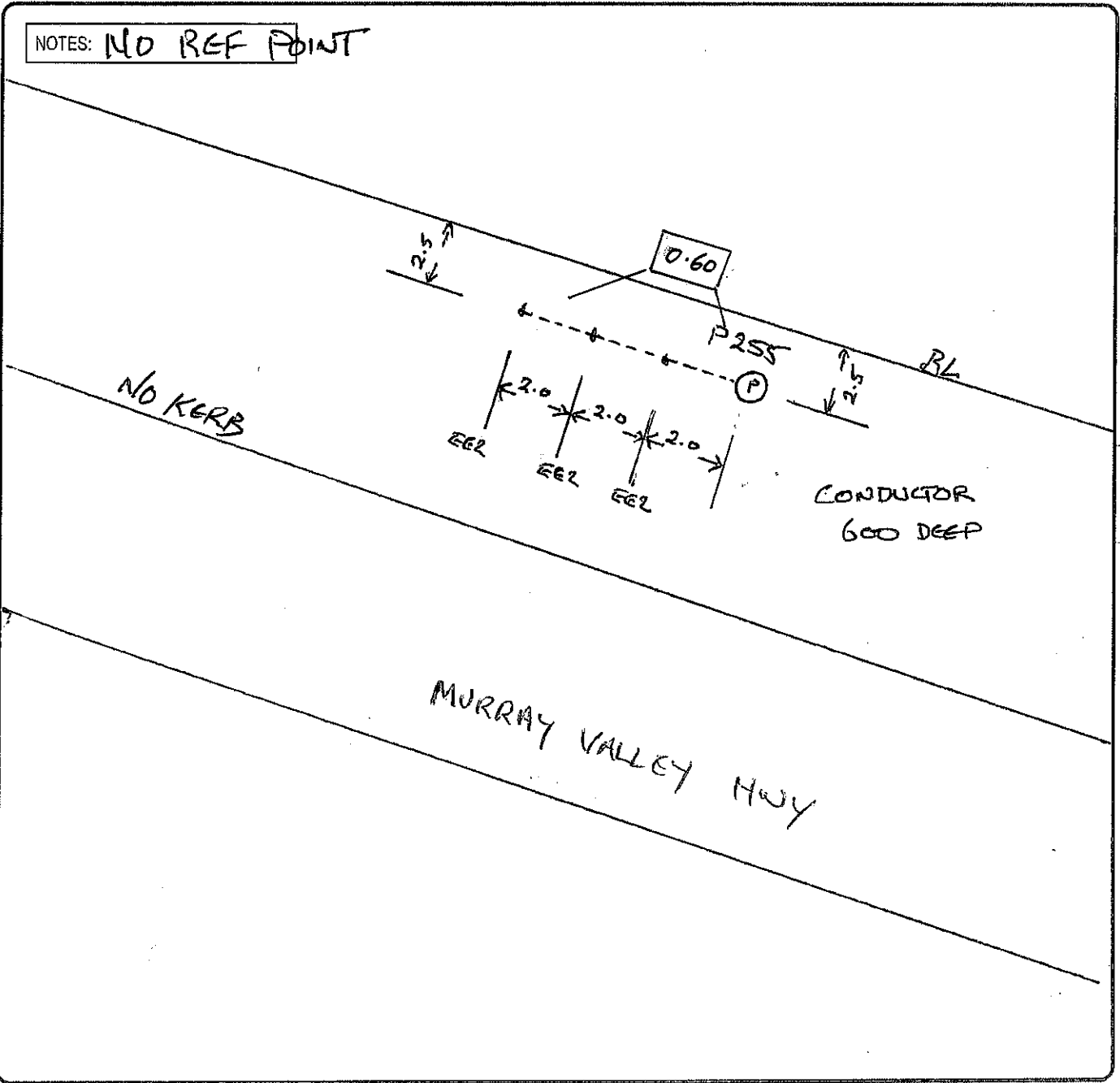
Electricity Networks
Locked Bag 16090
Melbourne 8001
www.citipower.com.au
www.powercor.com.au

| | | | |
|----------------|----------------|----------------------------|--|
| N.T.S. | | MEASUREMENTS ARE IN METRES | |
| DRAWING NUMBER | PCA 50/5068356 | | |
| DRAWN | CHECKED | CP/PCA APPROVED | |
| RICH RIVER | TURI | T.J. | |

SUBSTATION / ASSET EARTHING REPORT

| | | | | | | | |
|------------------------------------|------|------------------------------|------|-----------|------------|----------------|-------------|
| SUBSTATION NAME / ASSET IDENTIFIER | | LEITCHVILLE P225 | | | | | |
| ADDRESS | | MURRAY VALLEY HWY | | | SUBURB | | TERRUMBARRY |
| EARTH CONDUCTOR | SIZE | CORES | TYPE | CONDUCTOR | CONNECTION | DATE INSTALLED | POLE NUMBER |
| | 19 | 1 | BARE | CU | | 18.10.10 | 704476 |
| INSTALLER | | RICH RIVER HORIZONTAL BORING | | | | | |

| | | | | |
|---|---|-------------------------|-----------------------------------|------------------------|
|  | COMMON / BONDED <input checked="" type="checkbox"/> | RESISTANCE (Ohms) • 7 Ω | SEPARATE <input type="checkbox"/> | HV RESISTANCE (Ohms) Ω |
| | UNDERGROUND CABLE <input type="checkbox"/> | • EARTH STAKE | • POLE | LV RESISTANCE (Ohms) Ω |
| | | | | (P) POLE SUBSTATION |



Electricity Networks - EN UG CABLE EARTHING REPORT-V1.0

| | |
|-----------------|-----------------|
| PROJECT NUMBER | 1185926/5068356 |
| BUSINESS CENTRE | Berrigo |
| CONTACT OFFICER | Hayden Edmond |
| ROAD DIRECTORY | VR 30 JZ |
| BASE PLAN No. | N/A |



CITIPOWER



Powercor AUSTRALIA

Electricity Networks
Locked Bag 14090
Melbourne 8001
www.citipower.com.au
www.powercor.com.au

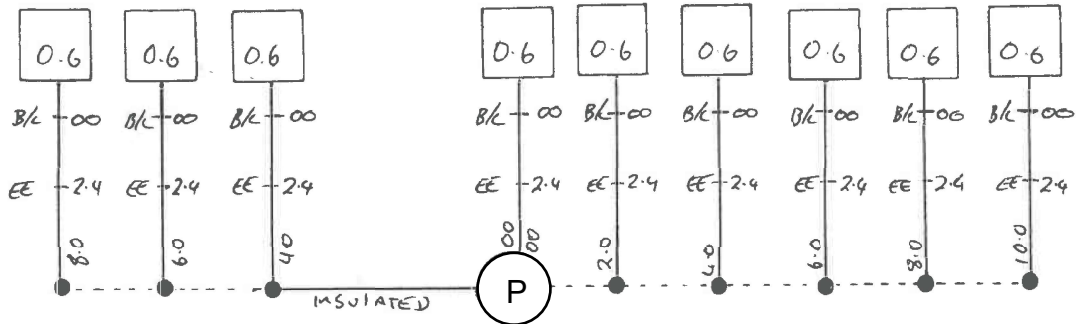
| | | | |
|----------------|---------|----------------------------|--|
| N.T.S. | | MEASUREMENTS ARE IN METRES | |
| DRAWING NUMBER | | PCA52/5068356 | |
| DRAWN | CHECKED | CP/PCA APPROVED | |
| RICH RIVER | TUR1 | T.J. | |

SUBSTATION / ASSET EARTHING REPORT

| | | | | | | | | | |
|------------------------------------|----------------------------|-------------------------------|------|-----------|------------|----------------|-------------|--------------------|--|
| SUBSTATION NAME / ASSET IDENTIFIER | | "LEITCHVILLE P257" S/S | | | | | | | |
| ADDRESS | MURRAY VALLEY HWY | | | | | | SUBURB | TONRU MBARRY | |
| EARTH CONDUCTOR | SIZE | CORES | TYPE | CONDUCTOR | CONNECTION | DATE INSTALLED | POLE NUMBER | 257 (LIS - 156918) | |
| INSTALLER | WATTERS ELECTRICAL PTY LTD | | | | | | | | |

| | | | | |
|--|--|----------------------------|--|---|
| | COMMON / BONDED | RESISTANCE (Ohms) Ω | SEPARATE <input checked="" type="checkbox"/> | HV RESISTANCE (Ohms) 2.1 Ω |
| | --- UNDERGROUND CABLE • EARTH STAKE • POLE | | | LV RESISTANCE (Ohms) 3.6 Ω |
| | | | | <input checked="" type="checkbox"/> POLE SUBSTATION |

288



257 (LIS - 156918)
"LEITCHVILLE P257" S/S

MURRAY VALLEY HIGHWAY

← APPROX 600 METRES TO HEPPELL RD →

Electricity Networks - EN UG CABLE EARTHINGREPORT-V1.0

| | |
|-----------------|-----------------|
| PROJECT NUMBER | 1739907/5140422 |
| BUSINESS CENTRE | Shepparton |
| CONTACT OFFICER | Troy Arlow |
| ROAD DIRECTORY | VicRoads 31 A2 |
| BASE PLAN No. | NA |

Electricity Networks
 Locked Bag 14090
 Melbourne 8001
www.citipower.com.au
www.powercor.com.au

| | | | |
|----------------|-----------------------|----------------------------|------------------------|
| NOT TO SCALE | | MEASUREMENTS ARE IN METRES | |
| DRAWING NUMBER | | PCA52/5140422 | |
| DRAWN | WATTERS 19/10/2023 | CHECKED | NAGARAJU 24/10/2024 |
| | | CP-PCA APPROVED | DAYA 24/10/2024 |



CitiPower Pty
ABN 76 064 651 056
www.citipower.com.au

Head Office: 40 Market Street
Telephone: (03) 9683 4444 Facsimile: (03) 9683 4499 DX 433 Melbourne
Postal Address: Locked Bag 14090 Melbourne Victoria 8001 Australia

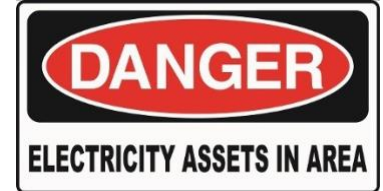


Powercor Australia
ABN 89 064 651 109
www.powercor.com.au

12/05/2025

Isobella Kerridge
Not Supplied
1/32 Cordelia St
South Brisbane QLD 4101

Reference Number 254883496



Dear Customer

Thankyou for your enquiry on 12/05/2025 regarding the work at: 2952 Murray Valley Highway, Torrumbarry

A SEARCH OF OUR RECORDS SHOWS THAT THERE ARE UNDERGROUND ELECTRICITY ASSETS WITHIN THE AREA OF YOUR REQUEST

DO NOT PROCEED UNTIL YOU HAVE READ THIS NOTICE IN FULL

The following information is attached for your reference:

- Underground Electricity Asset location details
- Underground Electricity Hazard Awareness Instructions

To ensure that your proposed works do not impact on your safety or our assets please proceed as follows:

- Read all attached documents and observe the Exclusion Zones defined in the
- Underground Electricity Hazard Awareness Instructions
- Identify the locations of our Underground Electricity Assets from the attached documents

Are our Underground Electricity Assets located where you are planning to dig?

YES - contact us for further advice. Contact details are available on the first page of the attached Underground

Electricity Hazard Awareness Instructions (including **Request for Site Visit**)

NO - proceed with caution

UNSURE - contact us for further advice. Contact details are available on the first page of the attached Underground Electricity Hazard Awareness Instructions (including **Request for Site Visit**)

Please note that **no work is to be undertaken in the vicinity of our Underground Electricity Assets that may breach the Exclusion Zones** (as defined by the Underground Electricity Hazard Awareness Instructions) until the completion of a further technical assessment of the area.

Upon receipt of your **Request for Site Visit** form you will be contacted by a responsible officer to assess your requirements. A site visit will be organised if required. During the site visit we will determine the location of our assets and any Permit to Work conditions applicable to your works. We will also be able to provide further details of any additional works which may be required to enable you to safely complete your proposed works.

Please note that the Permit to Work site visit timeframes are subject to enquiry volumes and specific site locations, therefore it may require up to 10 working days to contact you and arrange a site visit

Regards, CitiPower & Powercor Dial Before You Dig (DBYD) response team



Dial Before You Dig (DBYD) Electrical Asset Location Information

CitiPower/Powercor

Locked Bag 14090, Melbourne VIC 8001

General Enquiries Telephone: 132 206

To: ('Enquirer')

Isobella Kerridge

1/32 Cordelia St

South Brisbane QLD 4101

Enquiry Details

| | |
|------------------|---|
| Utility ID | 50021 |
| Sequence Number | 254883496 |
| Enquiry Date | 12/05/2025 |
| Response | DANGER - Permit May Be Required |
| Address | 2952 Murray Valley Highway Torrumbarry, VIC 3562 |
| Location in Road | |
| Activity | Planning & Design |

Enquirer Details

| | |
|-------------|--|
| Customer ID | 3614883 |
| Contact | Isobella Kerridge |
| Company | Not Supplied |
| Email | opga3fqymnj6um.w7hm4xsuzmaptl@smarterwx-mail.byda.com.au |
| Phone | +61738465885 |

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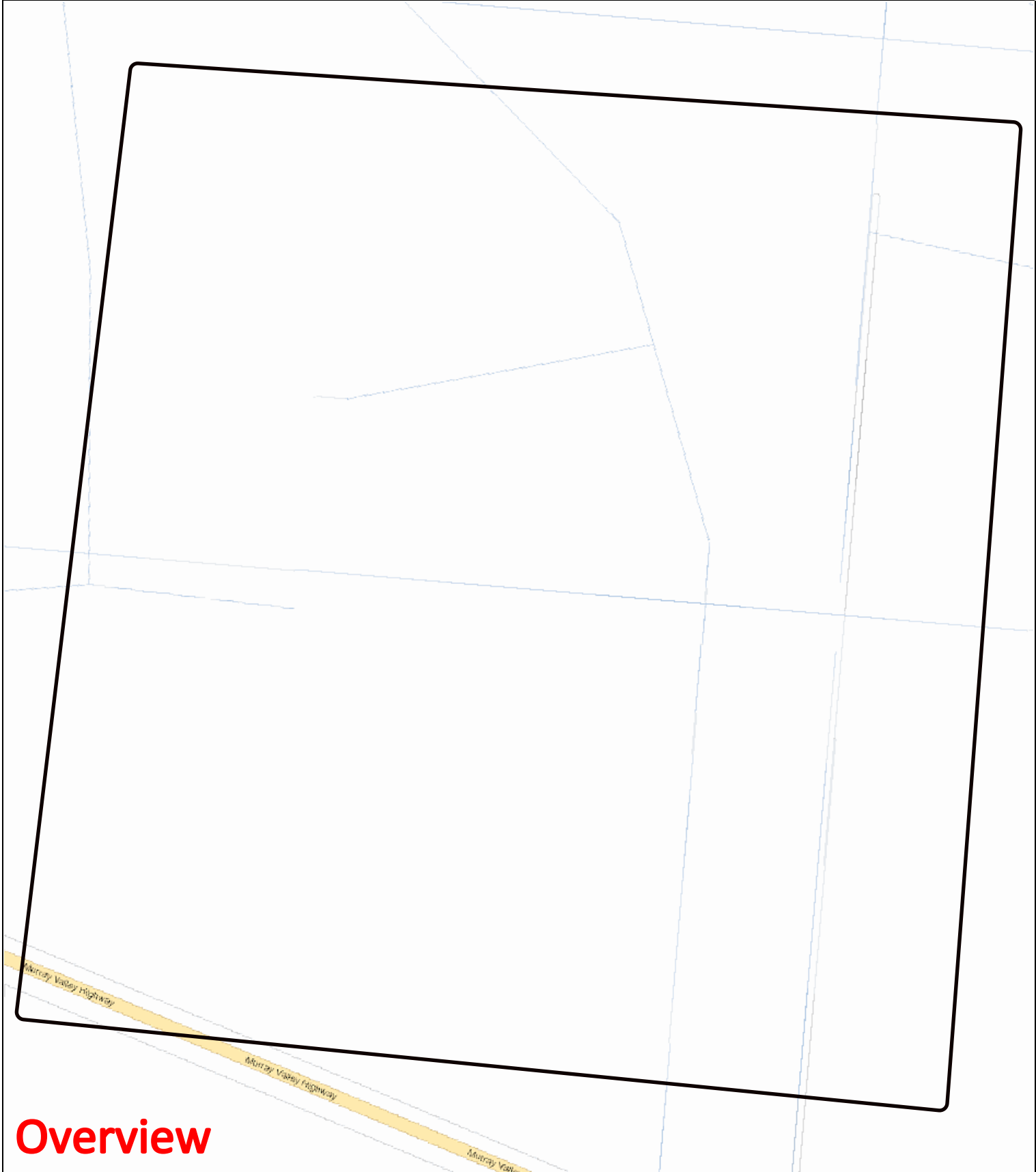


Locality Map

254883497

2952 Murray Valley Highway, Torrumbarry, VIC 3562

MAP IS A GUIDE ONLY - REFER TO CABLE PLANS FOR ACCURATE ASSET LOCATIONS



Overview

LEGEND:

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- High Voltage Cable
- Low Voltage Cable

- Communication Cable
- Earth Cable

- SWER Substation
- Distribution Substation

Pole

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Scale: 1:6862





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CitiPower/Powercor

Locked Bag 14090, Melbourne VIC 8001

General Enquiries Telephone: 132 206

To: ('Enquirer')

Isobella Kerridge

1/32 Cordelia St

South Brisbane QLD 4101

Enquiry Details

| | |
|------------------|---|
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| Sequence Number | 254883497 |
| Enquiry Date | 12/05/2025 |
| Response | ALL CLEAR |
| Address | 2952 Murray Valley Highway Torrumbarry, VIC 3562 |
| Location in Road | |
| Activity | Planning & Design |

Enquirer Details

| | |
|-------------|---|
| Customer ID | 3614883 |
| Contact | Isobella Kerridge |
| Company | Not Supplied |
| Email | opga3fqymnj6um.hunixkshti2sa@smarterwx-mail.byda.com.au |
| Phone | +61738465885 |

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- Ensure you adhere to any State legislative requirements regarding Duty of Care and safe digging requirements.

Report any asset damage immediately on 132 206. Note: CitiPower/Powercor reserves the right to recover compensation for damages.

UNDERGROUND ELECTRICITY HAZARD AWARENESS INSTRUCTIONS



For CitiPower & Powercor Dial Before You Dig customers

Always complete a **Dial Before You Dig** request before you proceed with any work plans



If there are **Underground Electricity assets identified within your work area please ensure that you carefully evaluate all of the information provided**

If any part of your proposed works impacts on the **EXCLUSION ZONES** shown on the next page then before proceeding you must contact CitiPower/Powercor to determine if a **PERMIT TO WORK** is required and to organise a **SITE VISIT**

Site Visit/Permit To Work applications may be lodged at:

<https://www.citipower.com.au/working-with-us/suppliers/online-permit-applications/site-visit/>

If you need assistance to determine if you need a Site Visit please call:



CitiPower on 1300 301 101



Powercor on 132 206

Underground Electricity Asset Location Details Accuracy:

The Underground Electricity asset location details provided with this response are based on the best information available at the time

All reasonable care has been taken to ensure the accuracy of the information provided but complete accuracy cannot be guaranteed

Please be aware that the Underground Electricity Asset depths shown on the attached plans are accurate at the time of recording, however, due to works undertaken over the years by parties other than CitiPower/Powercor the Underground Electricity Asset depths may differ to those shown on the plans

**Contact with Underground Electricity Cables
can cause serious injury or death**

**If you observe any Underground Electricity Assets that do not
appear on the records provided**

Stop Work Immediately

and contact CitiPower/Powercor on the above numbers

UNDERGROUND ELECTRICITY HAZARD AWARENESS INSTRUCTIONS

For CitiPower & Powercor Dial Before You Dig customers

EXCLUSION ZONES

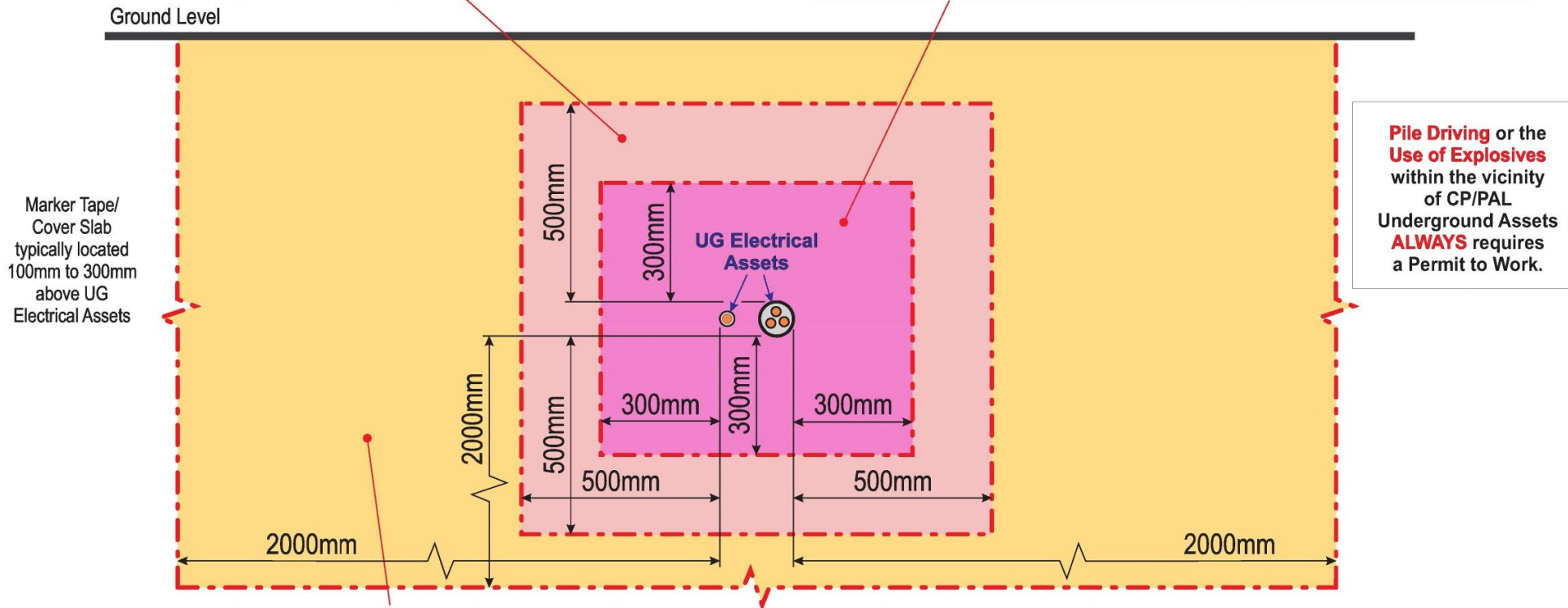


500mm Exclusion Zone Heavy Machinery & Mechanical Excavation

Heavy (Crawler Type) Machinery operation and Mechanical Excavation within a 500mm distance of Underground Electricity Assets requires a Permit to Work

300mm Exclusion Zone Hand Tools Only

All Excavation within a 300mm distance of Underground Electricity Assets requires a Permit to Work and must only be performed with Hand Tools



2000mm Exclusion Zone
Works within this area that require a Site Technical Assessment and may require a Permit to Work includes:

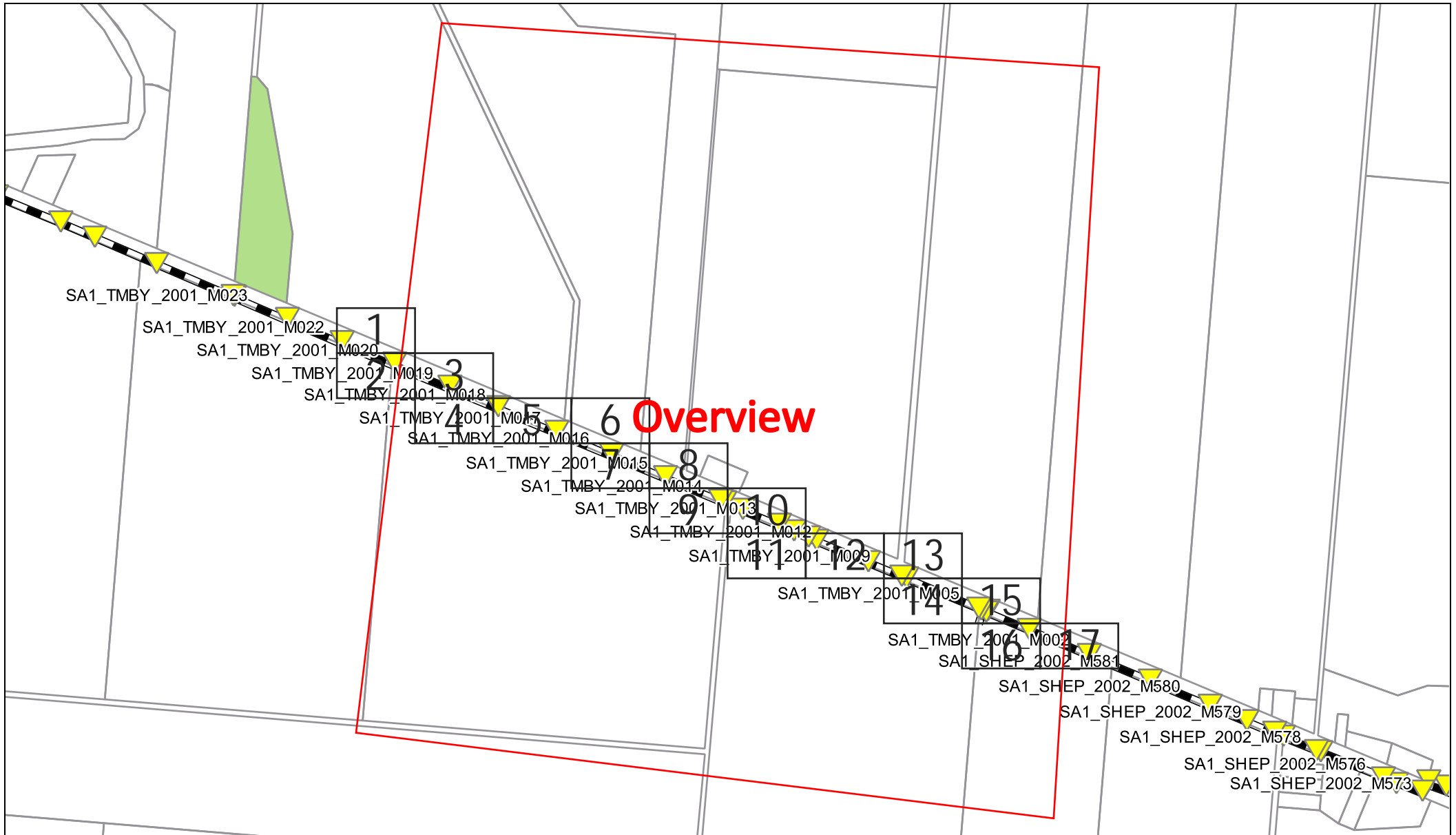
Pot Hole Boring Machine (Vertical Boring), Directional Boring Machine, Excavations Parallel to Underground Electricity Assets, Excavations Across Underground Electricity Assets

For Underground Electricity Asset location purposes:

Careful Excavation by hand may be performed under a Permit to Work above energised Underground Electricity Assets within the Exclusion Zone. Excavation must cease once either Marker Tape, Cover Slab or top of asset is located. All excavation must be performed BY HAND using only non-powered tools. No disturbance of the Marker Tape, the Protective Cover or the Asset is allowed. Any disturbance must be reported immediately to CitiPower/Powercor.

Excavation Below Underground Electricity Assets:

All excavation BELOW Underground Electricity Assets outside of the Exclusion Zone must ensure that there is no disturbance to the asset and that the area is restored to full pre-excavation integrity upon reinstatement.



Sequence Number: 254883498

Date: 12/05/2025

DISCLAIMER: THIS DRAWING SHOULD NOT BE SCALED TO LOCATE CABLES. NO WARRANTY IS GIVEN THAT THE INFORMATION IS ACCURATE OR COMPLETE. IF YOU REQUIRE INFORMATION REGARDING LOCATING THE CABLE PLEASE CALL NEXTGEN. THIS DOCUMENT HAS BEEN PREPARED SOLELY FOR DIAL BEFORE YOU DIG USE. THIS PLAN CONTAINS COMMERCIALY SENSITIVE INFORMATION AND IS TO BE TREATED ACCORDINGLY. NO SUCH INFORMATION IS TO BE PASSED ONTO OTHER PARTIES WITHOUT WRITTEN CONSENT FROM NEXTGEN PTY LTD.



LEGEND

- | Digsite | Assets |
|---------|----------------|
| Area | Cable |
| | 3rd Party Duct |
| | Marker Post |

Tile No: 1

Murray Valley Hwy

SA1_TMBY_2001_M019

Sequence Number: 254883498

Date: 12/05/2025

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LEGEND

Digsite



Area



Assets

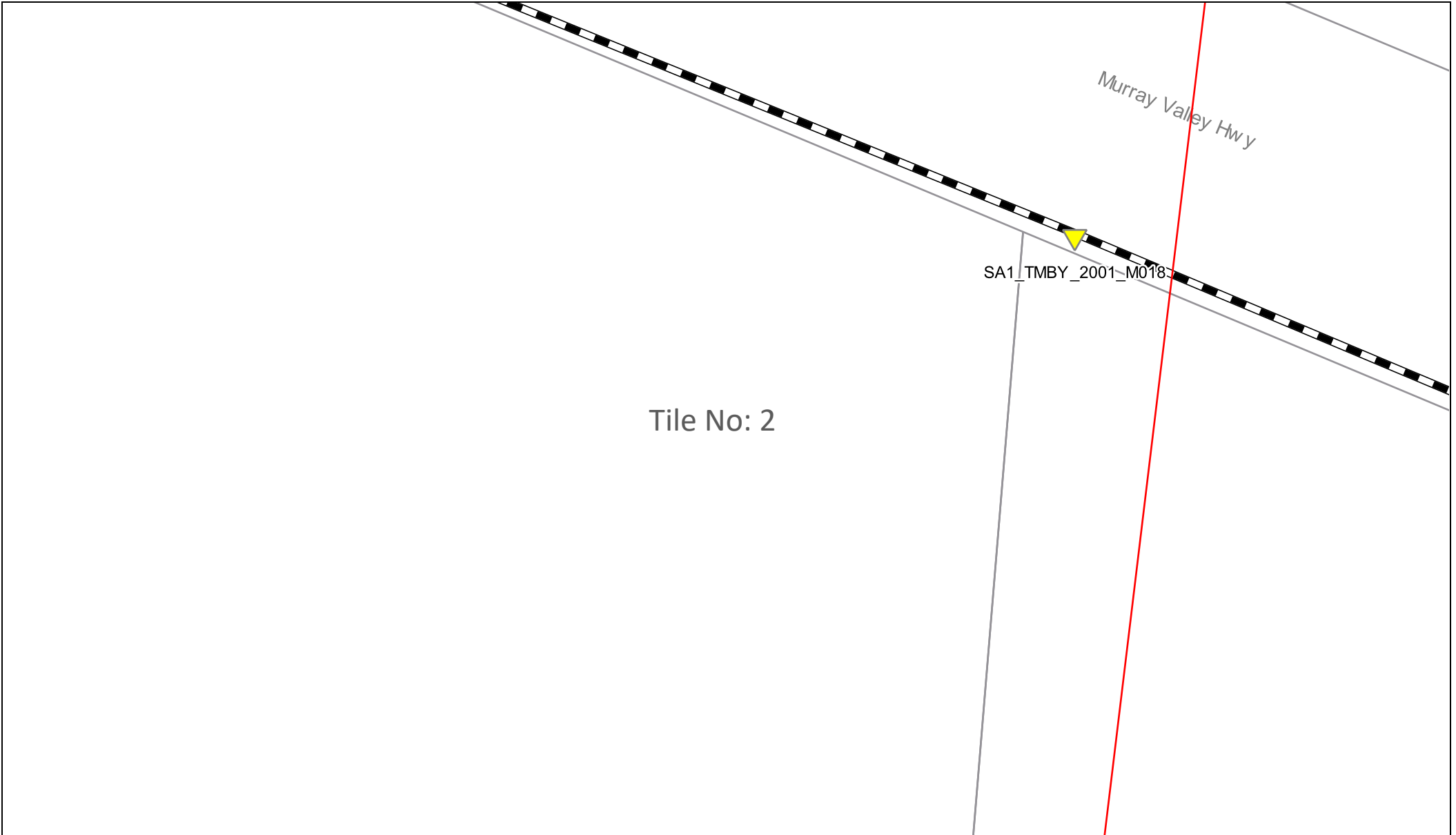
Cable



3rd Party Duct



Marker Post



Sequence Number: 254883498

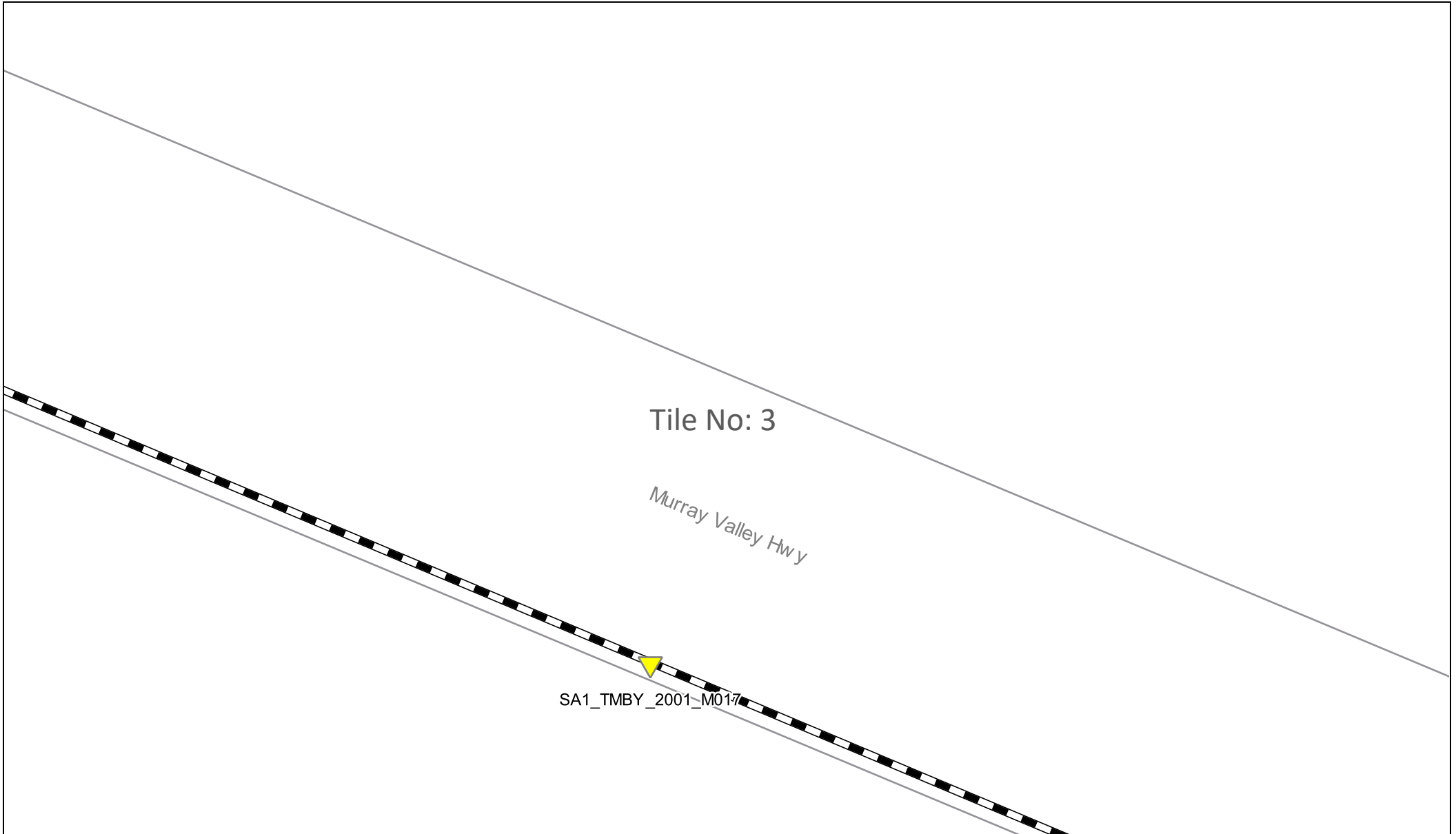
Date: 12/05/2025

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LEGEND

- | Digsite | Assets |
|---------|----------------|
| Area | Cable |
| | 3rd Party Duct |
| | Marker Post |



Sequence Number: 254883498

Date: 12/05/2025

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LEGEND

| Digsite | Assets |
|--|--|
|  Area |  Cable |
|  |  3rd Party Duct |
| |  Marker Post |

Tile No: 4

Sequence Number: 254883498

Date: 12/05/2025

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LEGEND

Digsite



Area

Assets



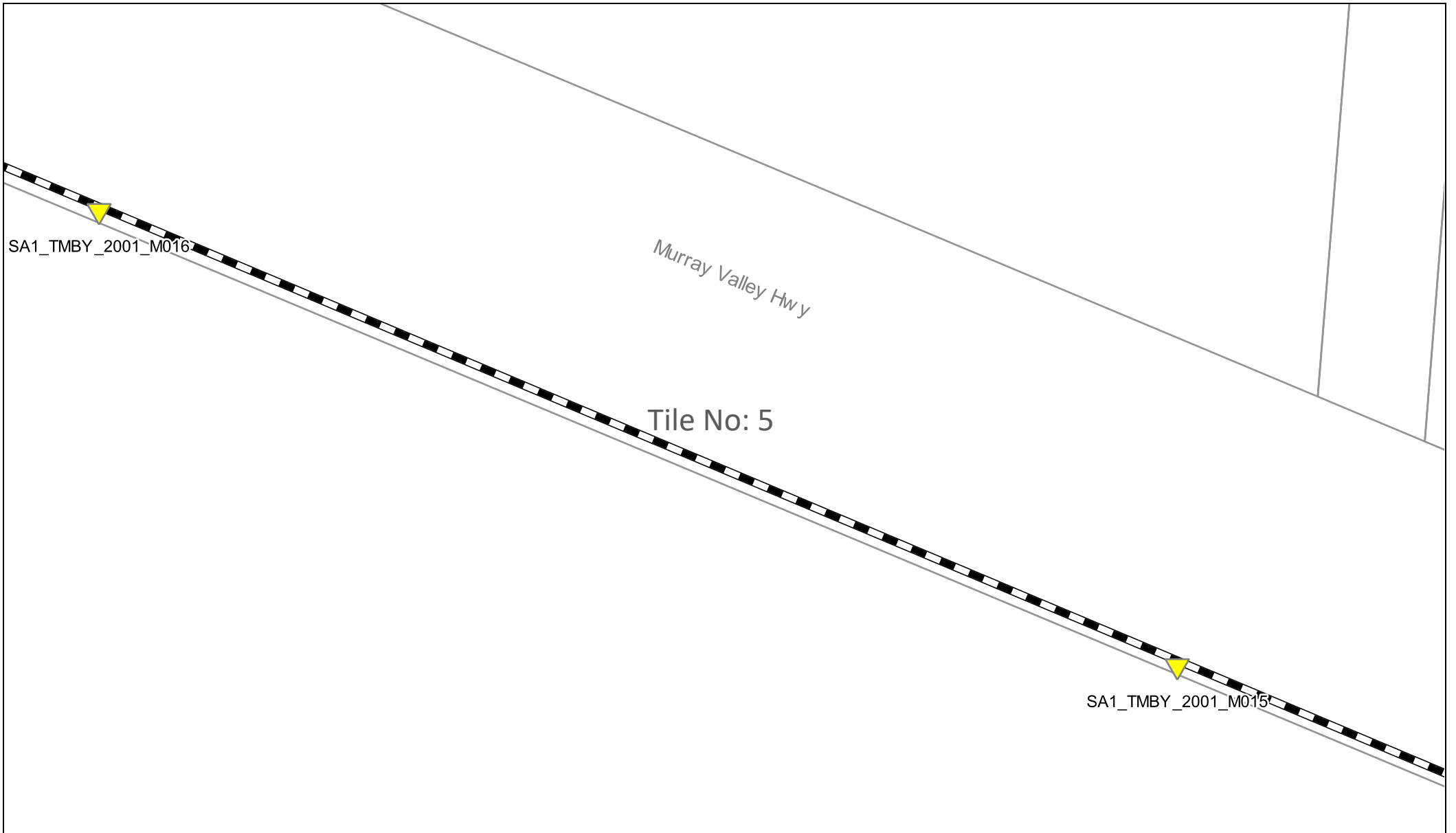
Cable



3rd Party Duct



Marker Post



Sequence Number: 254883498

Date: 12/05/2025

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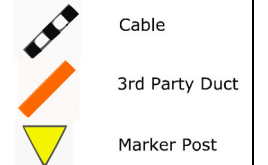


LEGEND

Digsite



Assets



Tile No: 6

Murray Valley Hwy

Sequence Number: 254883498

Date: 12/05/2025

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LEGEND

Digsite



Area



Assets

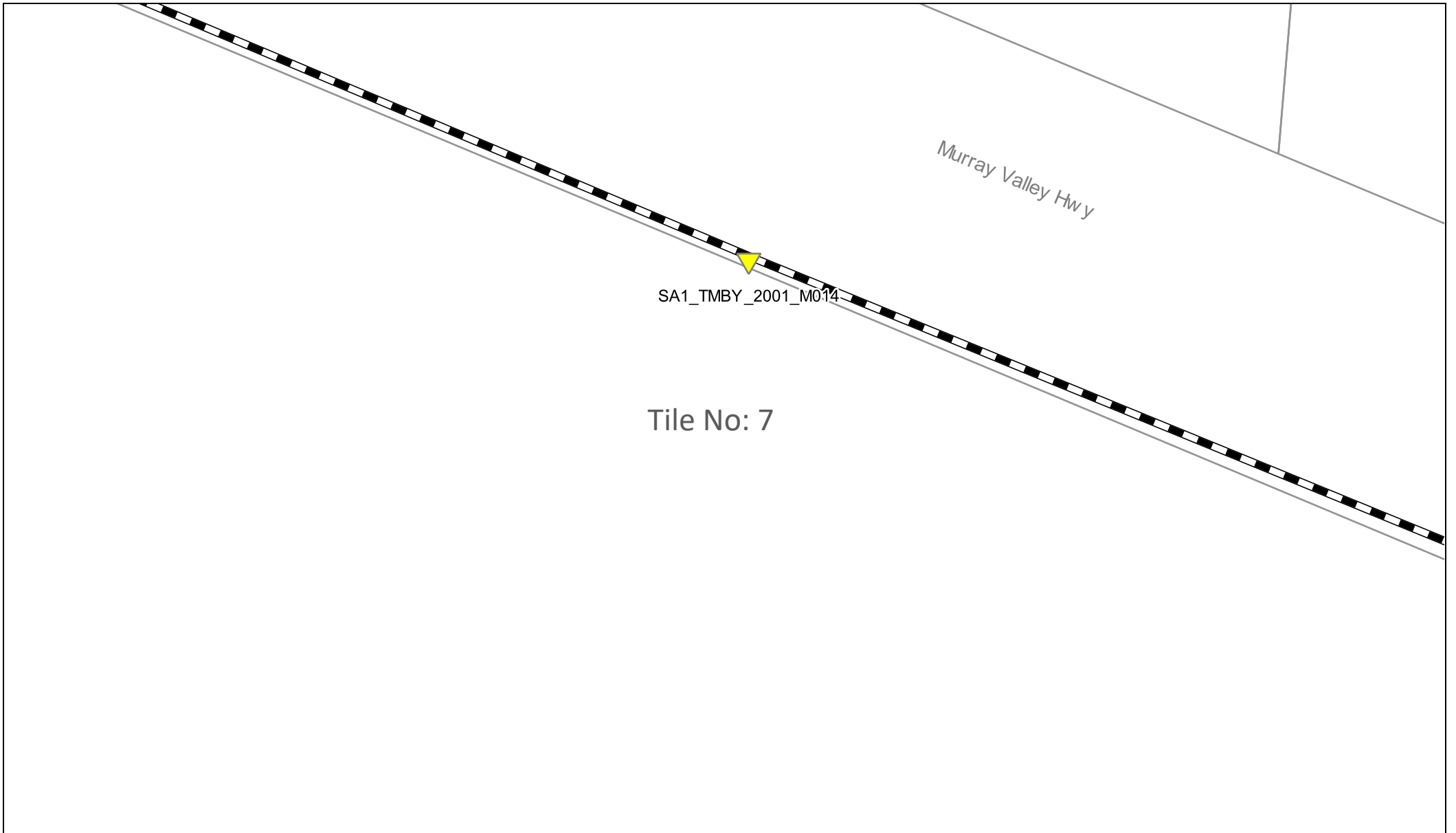
Cable



3rd Party Duct



Marker Post



Sequence Number: 254883498

Date: 12/05/2025

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LEGEND

Digsite



Area

Assets



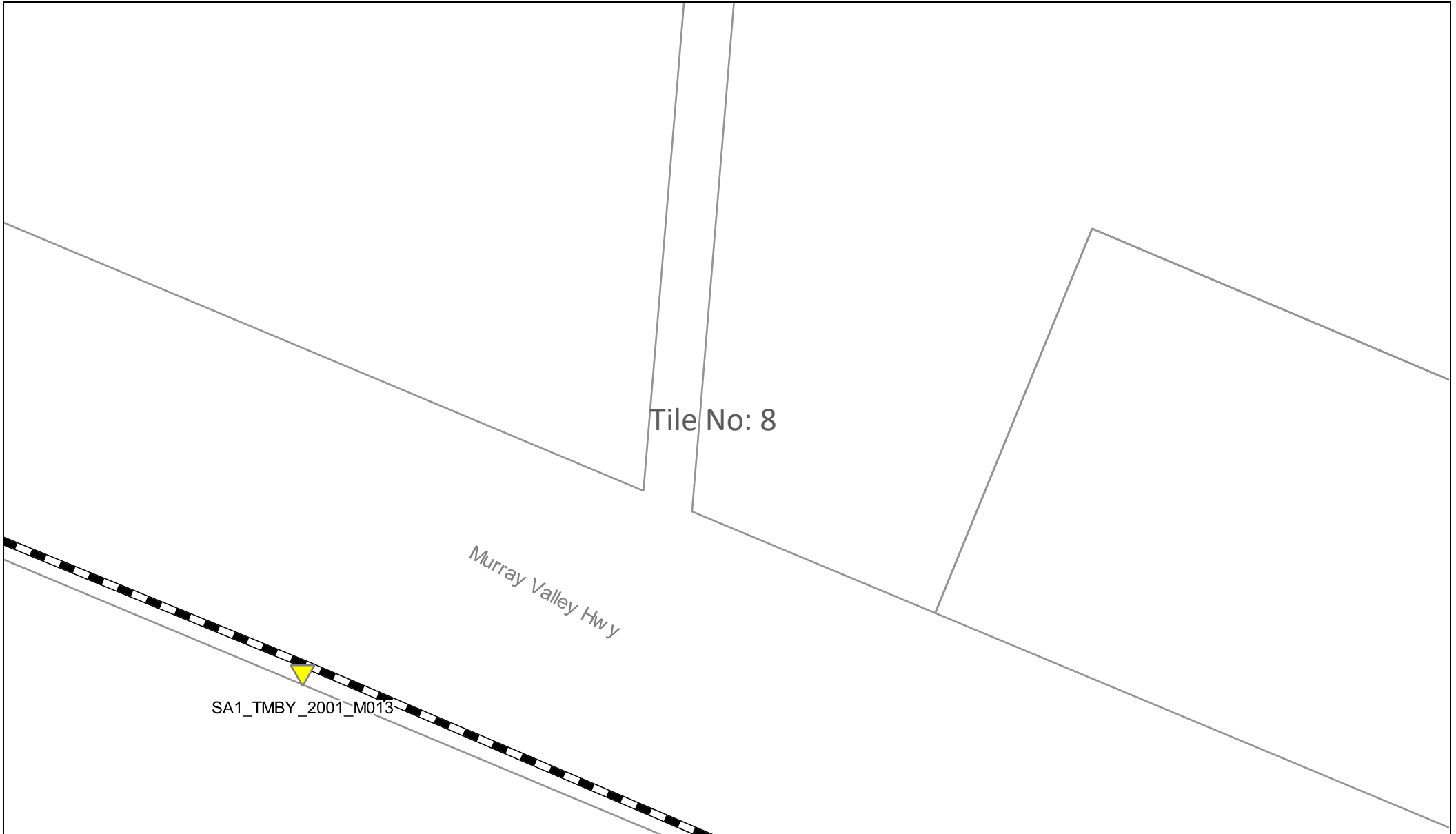
Cable



3rd Party Duct



Marker Post



Sequence Number: 254883498

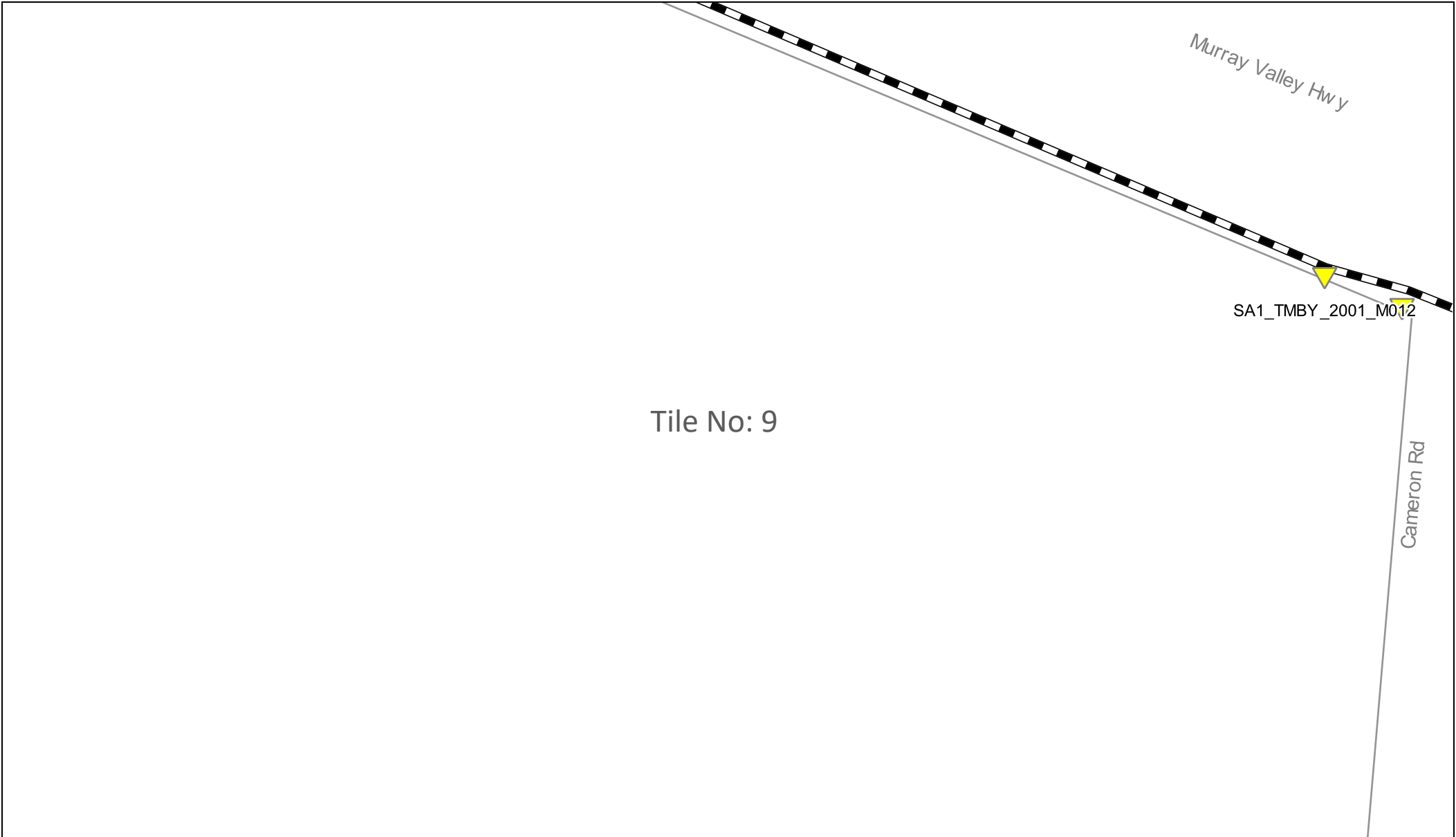
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LEGEND

| Digsite | Assets |
|--|--|
|  Area |  Cable |
|  |  3rd Party Duct |
| |  Marker Post |



Sequence Number: 254883498

Date: 12/05/2025

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LEGEND

Digsite



Area

Assets



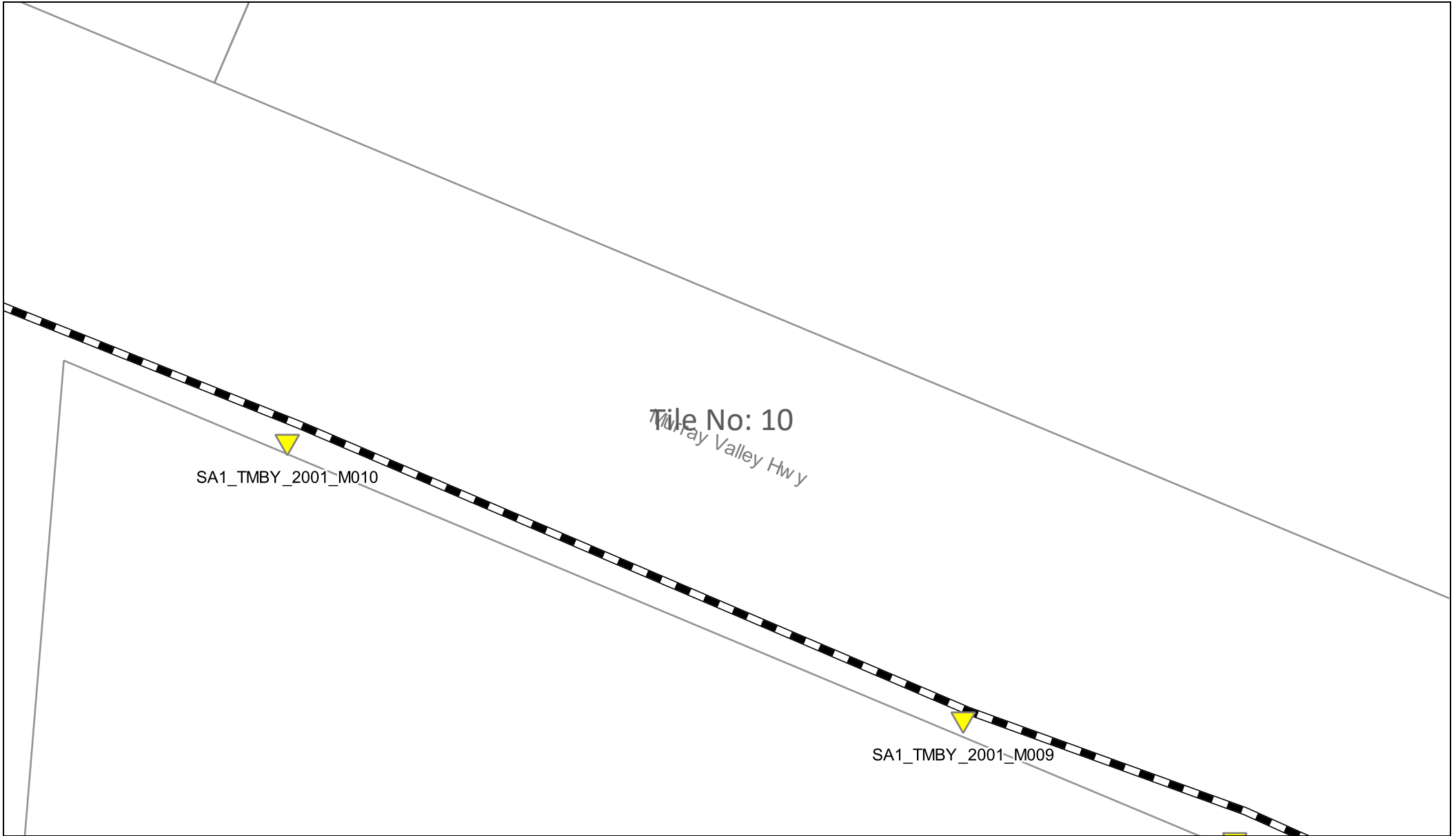
Cable



3rd Party Duct



Marker Post








Sequence Number: 254883498

Date: 12/05/2025

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LEGEND

- | Digsite | Assets |
|--|--|
|  Area |  Cable |
|  |  3rd Party Duct |
| |  Marker Post |

Tile No: 11

Sequence Number: 254883498

Date: 12/05/2025

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LEGEND

Digsite



Area

Assets



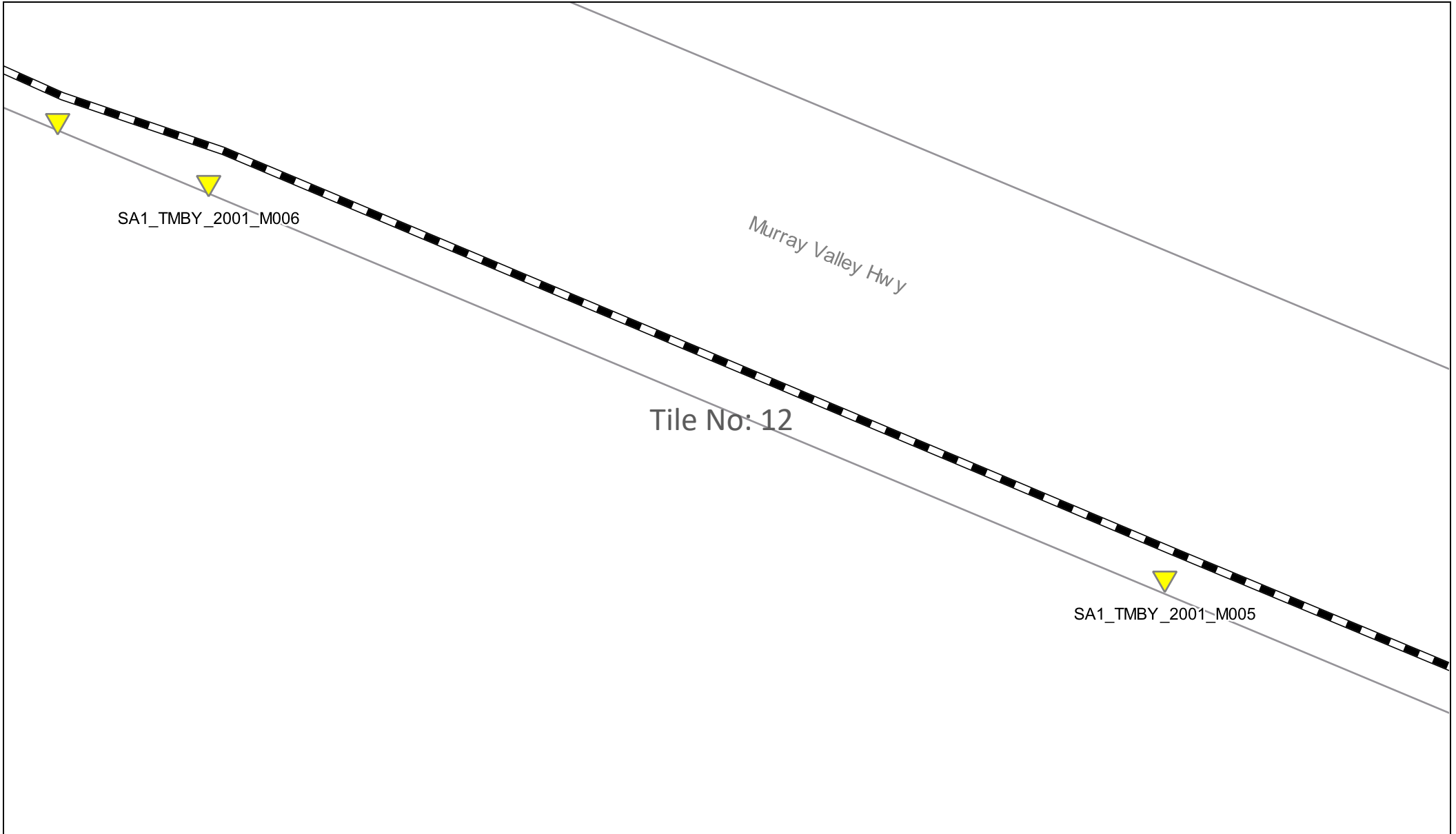
Cable



3rd Party Duct



Marker Post



Sequence Number: 254883498

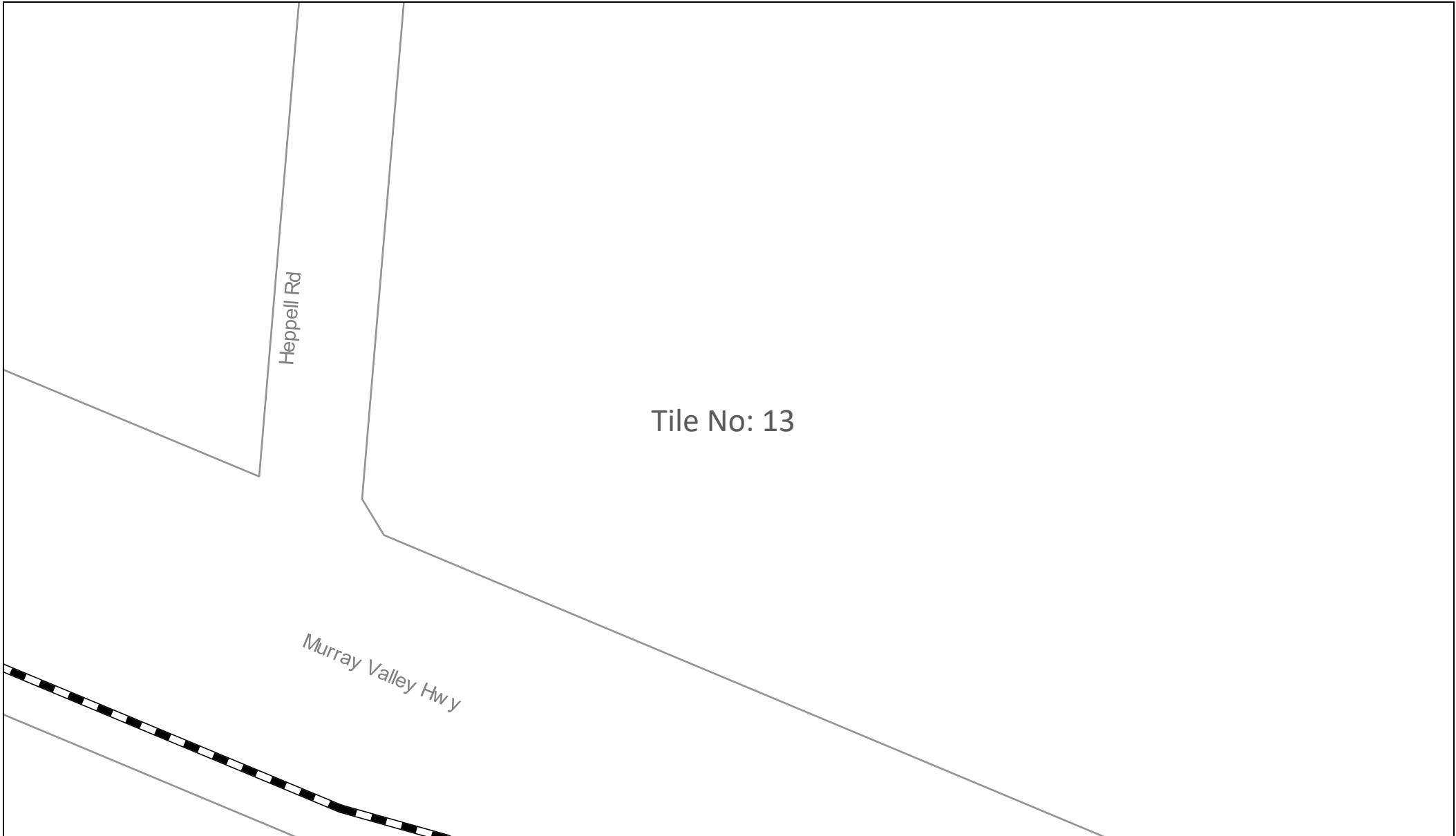
Date: 12/05/2025

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LEGEND

- | Digsite | Assets |
|---------|----------------|
| Area | Cable |
| | 3rd Party Duct |
| | Marker Post |



Tile No: 13

Heppell Rd

Murray Valley Hwy






Sequence Number: 254883498

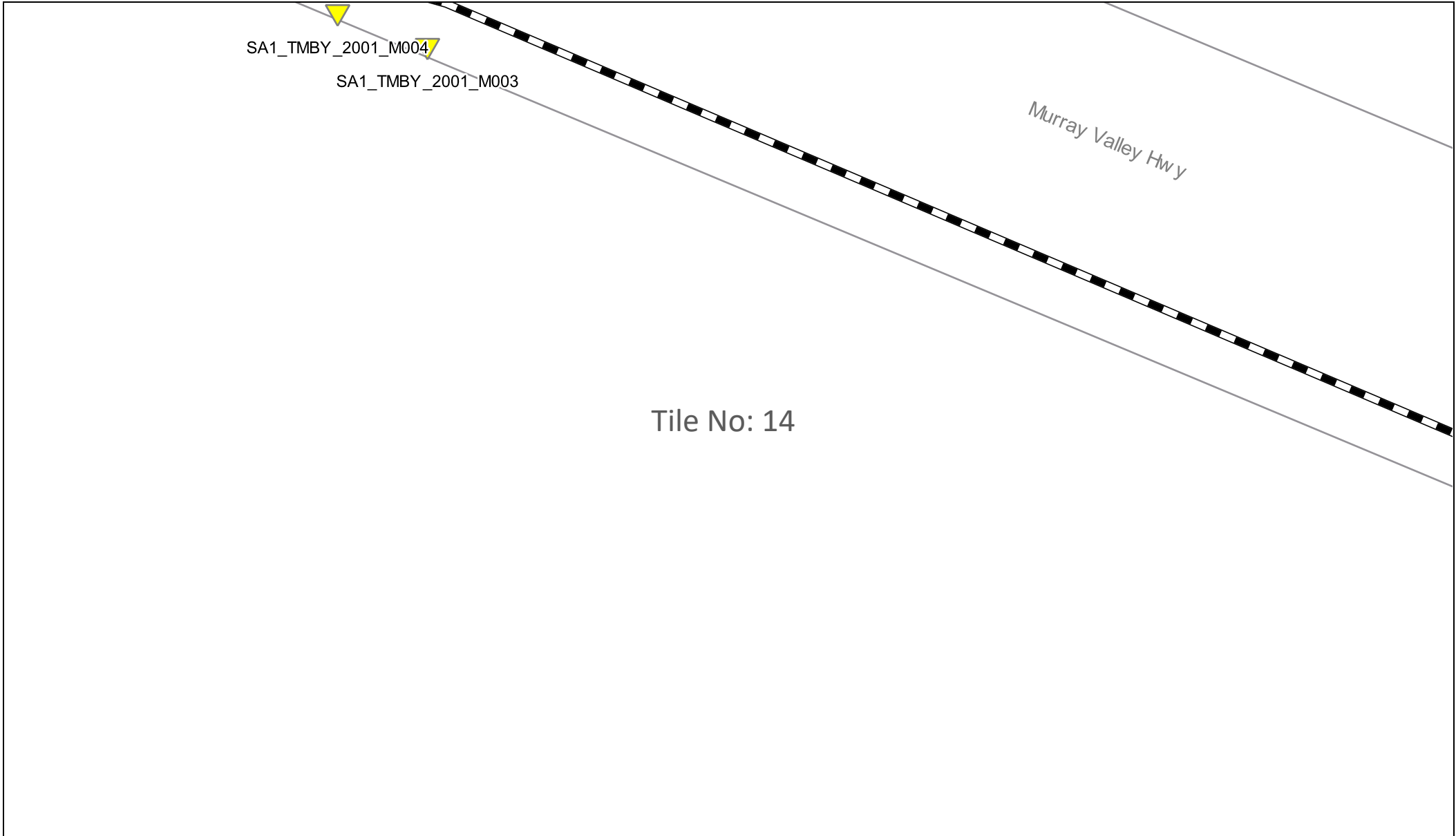
Date: 12/05/2025

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LEGEND

- | Digsite | Assets |
|--|--|
|  Area |  Cable |
|  |  3rd Party Duct |
| |  Marker Post |



Sequence Number: 254883498

Date: 12/05/2025

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LEGEND

- | Digsite | Assets |
|--|--|
|  Area |  Cable |
|  |  3rd Party Duct |
| |  Marker Post |

Tile No: 15

Murray Valley Hwy

SA1_TMBY_2001_M002

SA1_TMBY_2001_M001

SA1_SHEP_2002_M583

Sequence Number: 254883498

Date: 12/05/2025

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LEGEND

Digsite



Area

Assets



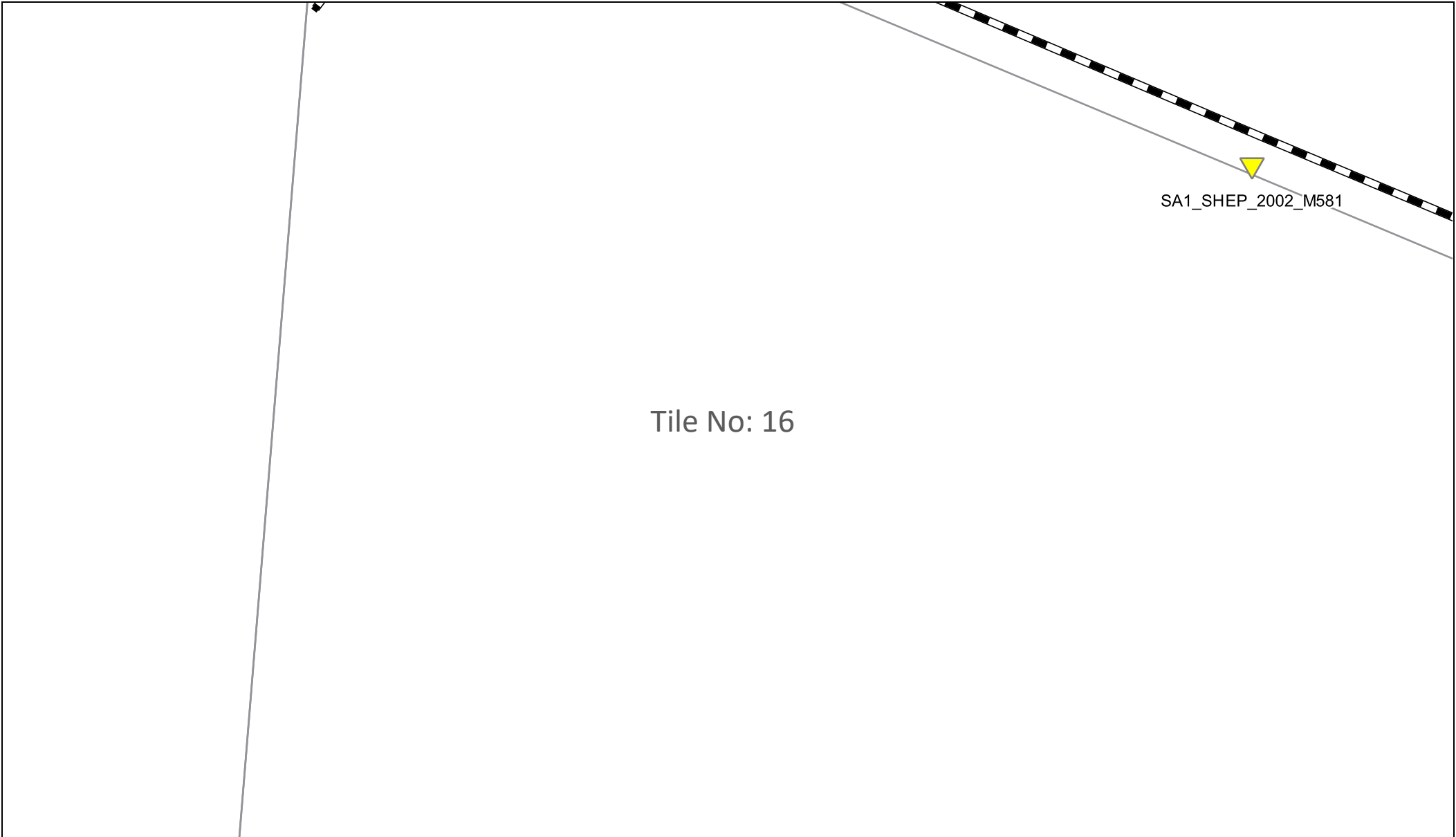
Cable



3rd Party Duct



Marker Post



SA1_SHEP_2002_M581

Tile No: 16

Sequence Number: 254883498

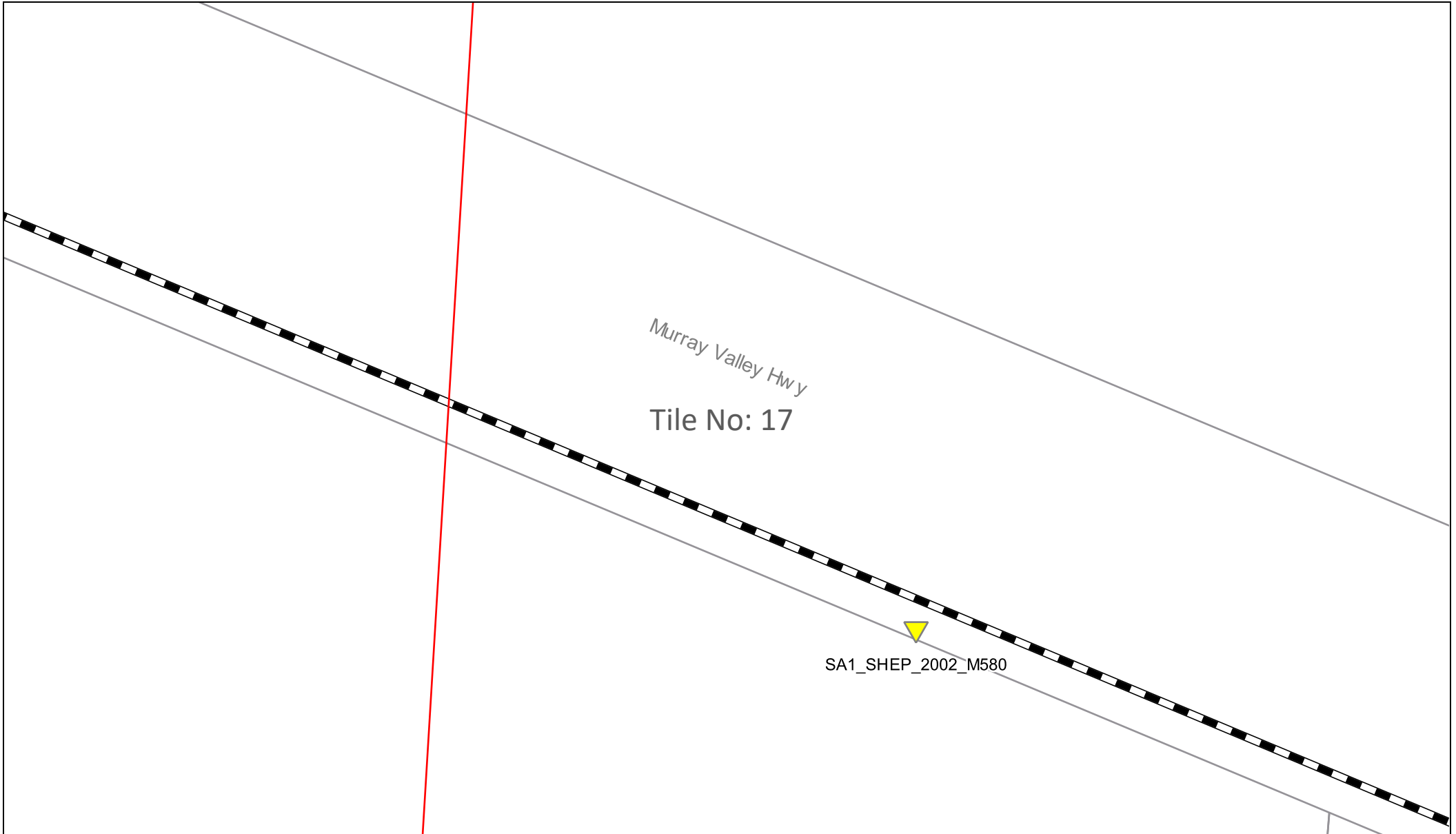
Date: 12/05/2025

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LEGEND

- | Digsite | Assets |
|---------|----------------|
| Area | Cable |
| | 3rd Party Duct |
| | Marker Post |



Sequence Number: 254883498

Date: 12/05/2025

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LEGEND

| Digsite | Assets |
|---------|----------------|
| Area | Cable |
| | 3rd Party Duct |
| | Marker Post |

Plant Location Details



12/05/2025

Isobella Kerridge
Not Supplied
1/32 Cordelia St
South Brisbane QLD 4101
Phone: +61738465885

Nextgen Networks Pty Ltd
Level 6, 333 Collins Street
Melbourne VIC 3000
T 1800 032 532
E Damage.Relocations@vocus.com.au

Dear Isobella Kerridge

The following is a response to your Dial Before You Dig enquiry

Assets Affected:

Nextgen Assets

Sequence No:

254883498

Location:

2952 Murray Valley Highway, Torrumbarry VIC 3562

IMPORTANT:

- Please read and understand all the information and disclaimers provided below
- Sketches and Plans provided by Nextgen Networks are circuit diagrams only and indicate the presence of telecommunications plant in the general vicinity of the geographical area shown; exact ground cover and alignments cannot be given with any certainty and cover may alter over time. Telecommunications plant seldom follow straight lines and careful on site investigation is essential to uncover and reveal its exact position
- The accuracy and/or completeness of the information in the plans can not be guaranteed often due to changes in the surrounding land subsequent to Nextgen's deployment and, accordingly the plans are intended to be indicative only

"DUTY OF CARE"

When working in the vicinity of telecommunications plant you have a legal "Duty of Care" that must be observed. The following points must be considered:

1. It is the responsibility of the owner and any consultant engaged by the owner, including an architect, consulting engineer, developer, and head contractor to design for minimal impact and protection of Nextgen Networks plant. Nextgen Networks will provide free plans and sketches showing the presence of its network to assist at this design stage.
2. It is the owner's (or constructor's) responsibility to:
 - a) Request plans of Nextgen Networks plant for a particular location at a reasonable time before construction begins
 - b) Visually locate Nextgen Networks plant by vacuum excavation (pot-holing) where construction activities may damage or interfere with Nextgen Networks plant (see "Essential Precautions and Approach Distances" section for more information)
 - c) Contact Nextgen Networks Network (see below for details) if Nextgen Networks plant is wholly or partly located near planned construction activities

DAMAGE

ANY DAMAGE TO Nextgen Networks NETWORK MUST BE REPORTED TO 1800 032 532 IMMEDIATELY

- The owner is responsible for all plant damage when works commence prior to obtaining Nextgen Networks plans, or failure to follow agreed instructions
- Nextgen Networks reserves all rights to recover compensation for lose or damage to its cable network or other property including consequential losses

CONCERNING NEXTGEN NETWORK PLANS

- Phone 1100. Dial Before You Dig for free plans of Nextgen Networks plant locations. Please give at least 2 business days notice
- Nextgen Networks plans and information provided are valid for 30 days from the date of issue
- Nextgen Networks retains copyright in all plans and details provided in conjunction with your request. These plans and or details should be disposed of by shredding or any other secure disposal method after use
- Nextgen Networks plans or other details are provided for the use of the applicant, its servants, or agents, and shall not be used for any unauthorised purpose
- Please contact the Network Help Desk (see below for details) immediately should you locate Nextgen Networks assets not indicated on these plans
- Nextgen Networks, its servants or agents shall not be liable for any loss or damage caused or occasioned by the use of plans and or details so supplied to the applicant, its servants and agents, and the applicant agrees to indemnify Nextgen Networks against any claim or demand for any such loss or damage
- Please ensure Nextgen Networks plans and information provided remains on-site at all times throughout your construction phase

ESSENTIAL PRECAUTION AND APPROACH DISTANCE

NOTE: If the following clearances cannot be maintained, please contact the Nextgen Network Help Desk (see below for details) for advice on how best to resolve this situation

1. On receipt of plans and sketches and before commencing excavation work or similar activities near Nextgen Networks plant, carefully locate this plant first to avoid damage. Undertake prior exposure (vacuum excavation) such as potholing when intending to excavate or work closer to Nextgen Networks plant than the following approach distances:
 - Where Nextgen Networks plant is in an area where road and footpaths are well defined by kerbs or other features a minimum clear distance of 600mm must be maintained from where it could be reasonably presumed that plant would reside
 - In non established or unformed reserves and terrain, this approach distance must be at least 1.5 metres
 - In country/rural areas which may have wider variations in reasonably presumed plant presence, the following minimum approach distances apply:
 - d) Parallel to major plant: 10 metres (for optic fibre cable)
 - e) Parallel to other plant: 5 metres

Note: Even pot-holing needs to be undertaken with extreme care, common sense and employing techniques least likely to damage cables. For example - vacuum excavation.

 - If construction work is parallel to Nextgen Networks plant, then careful pot-holing at least every 5m is required to establish the location of all plant, hence continuing nominal locations before work can commence
2. Maintain the following minimum clearance between construction activity and actual location of Nextgen Networks Plant.

| | |
|--|---|
| Jackhammers/Pneumatic Breakers | <i>Not within 1.0m of actual locations</i> |
| Vibrating Plate or Wackers Packer Compactors | <i>Not within 0.5m of Nextgen Networks ducts 300mm compact clearance cover before compactor can be used across Nextgen Networks ducts, and 600mm clearance across Nextgen Networks cables in the solid</i> |
| Boring Equipment (in-line, horizontal and vertical) | <i>Not within 2.0m of actual location Constructor to check depth via vacuum excavation (pot-hole)</i> |
| Heavy Vehicle Traffic (over 3 tonnes) | <i>Not to be driven across Nextgen Networks ducts with less than 600mm cover. Not to be driven across Nextgen Networks fibre with less than 1.2m cover Constructor to vacuum excavate (pot-hole) and expose plant</i> |
| Mechanical Excavators, Boring and Tree Removal | <i>Not within 1.0m of actual location Constructor to vacuum excavate (pot-hole) and expose plant</i> |

- All Nextgen Networks pits and manholes should be a minimum of 1.2m in from the back of kerb after the completion of your work
- All Nextgen Networks conduit should have the following minimum depth of cover after the completion of your work:

Footway 450mm

Roadway 450mm at drain invert and 600mm below the pavement subgrade level invert

- All Nextgen Networks fibre in the solid should have the following minimum depth of cover after the completion of your work:

Footway 600mm

Roadway 1200mm at drain invert and 1200mm below the pavement subgrade level invert

- For clearance distances relating to Nextgen Networks above ground infrastructure please contact the Network Help Desk (see below for details)

FURTHER ASSISTANCE

Over-the-phone assistance can be obtained by calling the Network Help Desk below.

Nextgen require 5 clear business days notice to conduct an on-site location. The initial on site location visit will not normally incur a charge, but at the discretion of Nextgen subsequent site visits may incur a charge to be applied at an hourly rate.

Where an on-site location is provided, the owner is responsible for all vacuum excavation work (pot-holing) to visually locate and expose Nextgen Networks plant.

If plant location plans or visual location of Nextgen Networks plant by vacuum excavation reveals that the location of Nextgen Networks plan is situated wholly or partly where the owner plans to work, then **Nextgen Networks** must be contacted through the **Network Help Desk** to discuss possible engineering solutions.

The contact number for the **Network Help Desk** is 1800 032 532.

NOTE:

If Nextgen Networks relocation or protection works are part of the agreed solution, then payment to Nextgen Networks for the cost of this work shall be the responsibility of the principal developer. The principal developer will be required to provide Nextgen Networks with the details of their proposed work showing how Nextgen Networks plant is to be accommodated and these details must be approved by the Nextgen National Operations Manager prior to the commencement of site works.

RURAL LANDOWNER - IMPORTANT INFORMATION

Where Nextgen Networks owned cable crosses agricultural land Nextgen Networks will provide a one off free-on-site electronic cable location. Please note that the exact location of cables can only be verified by visual proving by pot holing, which is not covered by this service. The Network Integrity HelpDesk Officer will provide assistance in determining whether a free-on-site location is required. Please ring the Nextgen Network Help Desk as listed above.

PRIVACY NOTE

Your information has been provided to Nextgen Networks by DBYD to enable Nextgen Networks to respond to your DBYD request. Nextgen Networks keeps your information in accordance with its privacy statement entitled 'Protecting Your Privacy' which can be obtained from Nextgen Networks either by calling 1800 032 532 or visiting our website www.nextgengroup.com.au

Warning: Nextgen Networks plans show only the presence of cables and plant. They only show their position relative to road boundaries, property fences etc, at the time of installation and Nextgen Networks does not warrant or hold out that such plans are accurate thereafter due to changes that may occur over time.

DO NOT ASSUME DEPTH OR ALIGNMENT of cables or plant as these vary significantly.

The customer has A DUTY OF CARE when excavating near Nextgen Networks cables and plant. Before using machine excavators NEXTGEN PLANT MUST FIRST BE PHYSICALLY EXPOSED BY VACUUM EXCAVATION (potholing) to identify its location.

Nextgen Networks will seek compensation for damages caused to its property and losses caused to Nextgen Networks and its customers.

EXPERIENCED PLANT LOCATORS (for your area)

On-site assistance should be sought from an Experienced Plant Locator if the telecommunications plant cannot be located within 2.5 metres of the locations indicated on the drawings provided. On-site advice should be obtained from a suitably qualified contractor highly skilled in locating Nextgen Networks plant. If there is any doubt whatsoever about the actual location of the telecommunications plant, the best method for locating the telecommunications plant or the correct interpretation of the drawings provided. In the case where Nextgen Networks plant is outside a recognised road reserve Nextgen Networks recommends that the **Network Help Desk** is contacted for assistance prior to engaging an Experienced Plant Locator.

For the assistance of customers Nextgen Networks has established strict criteria to assess the skill of contractors that may be engaged by owners requiring Nextgen Networks plant locating services to perform any of the following activities if requested to do so by the owner:

- Review Nextgen Networks plans to assess the approximate location of Nextgen Networks plant
- Advise owners of the approximate location of Nextgen Networks plant according to the plans
- Advise the owners of the best method for locating Nextgen Networks plant
- Advise owners of the hazard of unqualified persons attempting to find the exact location of Nextgen Networks plant and working in the vicinity of Nextgen Networks plant without first locating its exact position
- Perform trial hole explorations by vacuum excavation (pot-holing) to expose Nextgen Networks plant with a high degree of skill, competence and efficiency and utilising all necessary safety equipment

Nextgen Networks does not accept any liability or responsibility for the performance of or advice given by any Plant Locator engaged by you but we will, if requested, recommend suitably qualified plant locators.

GENERAL DISCLAIMER

While reasonable measures have been taken to ensure the accuracy of the information contained in this plan response, neither Nexgen or PelicanCorp shall have any liability whatsoever in relation to any loss, damage, cost or expense arising from the use of this plan response or the information contained in it or the completeness or accuracy of such information. Use of such information is subject to and constitutes acceptance of these terms.



Before You Dig Australia

Think before you dig

This document has been sent to you because you requested plans of the Telstra network through Before You Dig Australia (BYDA).

If you are working or excavating near telecommunications cables, or there is a chance that cables are located near your site, you are responsible to avoid causing damage to the Telstra network.

Please read this document carefully. Taking your time now and following the **BYDA's Best Practices and 5 Ps of Safe Excavation** <https://www.byda.com.au/before-you-dig/best-practice-guides/>

can help you avoid damaging our network, interrupting services, and potentially incurring civil and criminal penalties.

Our network is complex and working near it requires expert knowledge. Do not attempt these activities if you are not qualified to do so.

Disclaimer and legal details



*Telstra advises that the accuracy of the information provided by Telstra conforms to Quality Level D as defined in AS5488-2013.

It is a criminal offence under the Criminal Code Act 1995 (Cth) to tamper or interfere with telecommunications infrastructure.

Telstra will also take action to recover costs and damages from persons who damage assets or interfere with the operation of **Telstra's** networks.

By receiving this information including the indicative plans that are provided as part of this information package you confirm that you understand and accept the risks of working near **Telstra's** network and the importance of taking all the necessary steps to confirm the presence, alignments and various depths of **Telstra's** network. This in addition to, and not in replacement of, any duties and obligations you have under applicable law.

When working in the vicinity of a telecommunications plant you have a "Duty of Care" that must be observed. Please read and understand all the information and disclaimers provided below.

The Telstra network is complex and requires expert knowledge to interpret information, to identify and locate components, to pothole underground assets for validation and to safely work around assets without causing damage. If you are not an expert and/or qualified in these areas, then you must not attempt these activities. Telstra will seek compensation for damages caused to its property and losses caused to Telstra and its customers. Construction activities and/or any activities that potentially may impact on Telstra's assets must not commence without first undertaking these steps. Construction activities can include anything that involves breaking ground, potentially affecting Telstra assets.

If you are designing a project, it is recommended that you also undertake these steps to validate underground assets prior to committing to your design.

This Notice has been provided as a guide only and may not provide you with all the information that is required for you to determine what assets are on or near your site of interest. You will also need to collate and understand all information received from other Utilities and understand that some Utilities are not a part of the BYDA program and make your own enquiries as appropriate. It is the responsibility of the entities undertaking the works to protect **Telstra's** network during excavation / construction works.

Telstra owns and retains the copyright in all plans and details provided in conjunction with the applicant's request. The applicant is authorised to use the plans and details only for the purpose indicated in the applicant's request. The applicant must not use the plans or details for any other purpose.

Telstra plans or other details are provided only for the use of the applicant, its servants, agents, or CERTLOC Certified Locating Organisation (CLO). The applicant must not give the plans or details to any parties other than these and must not generate profit from commercialising the plans or details.

Telstra, its servants or agents shall not be liable for any loss or damage caused or occasioned by the use of plans and or details so supplied to the applicant, its servants and agents, and the applicant agrees to indemnify Telstra against any claim or demand for any such loss or damage.

Please ensure Telstra plans and information provided always remains on-site throughout the inspection, location, and construction phase of any works.

Telstra plans are valid for 60 days after issue and must be replaced if required after the 60 days.

Data Extraction Fees

In some instances, a data extraction fee may be applicable for the supply of Telstra information. Typically, a data extraction fee may apply to large projects, planning and design requests or requests to be supplied in non-standard formats. For further details contact Telstra Location Intelligence Team.

Telstra does not accept any liability or responsibility for the performance of or advice given by a CERTLOC Certified Locating Organisation (CLO). Certification is an initiative taken by Telstra towards the establishment and maintenance of competency standards. However, performance and the advice given will always depend on the nature of the individual engagement.

Neither the Certified Locating Organisation nor any of its employees are an employee or agent for Telstra. Telstra is not liable for any damage or loss caused by the Certified Locating Organisation or its employees.

Once all work is completed, the excavation should be reinstated with the same type of excavated material unless specified by Telstra.

The information contained within this pamphlet must be used in conjunction with other material supplied as part of this request for information to adequately control the risk of potential asset damage.

When using excavators and other machinery, also check the location of overhead power lines.

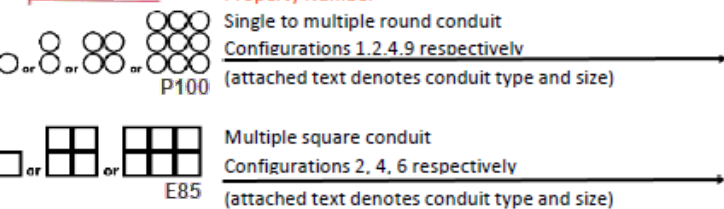
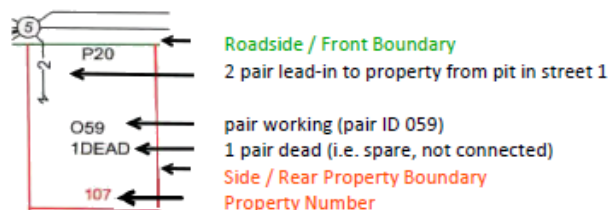
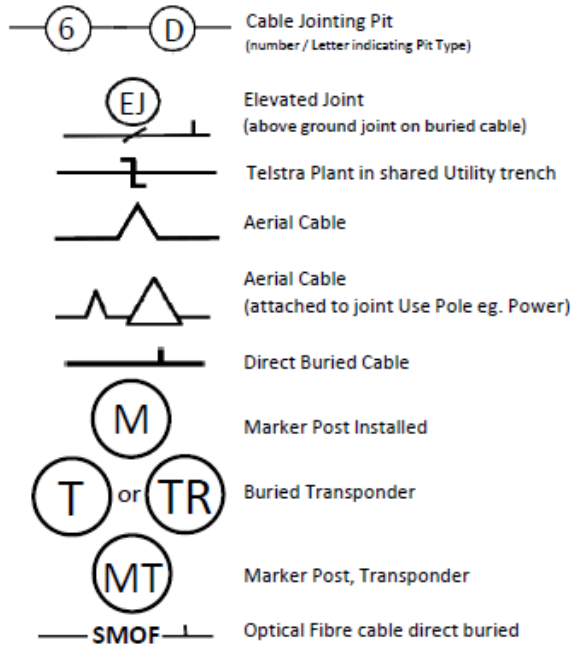
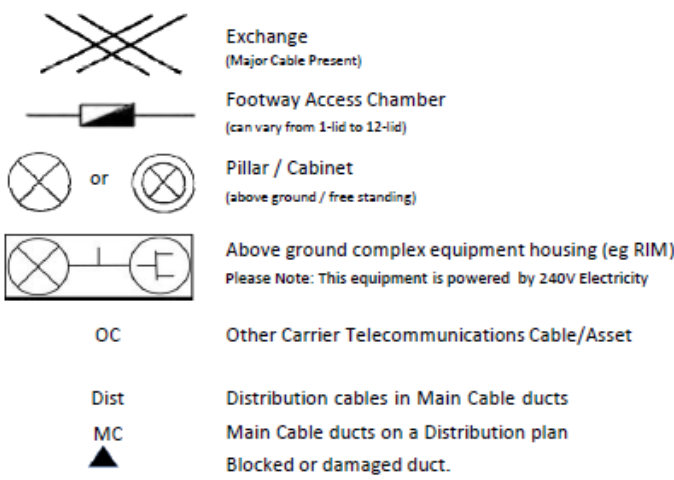
Workers and equipment must maintain safety exclusion zones around power lines

WARNING: Telstra plans and location information conform to Quality Level 'D' of the Australian Standard AS 5488 - Classification of Subsurface Utility Information. As such, Telstra supplied location information is indicative only. Spatial accuracy is not applicable to Quality Level D. Refer to AS 5488 for further details. Telstra does not warrant or hold out that its plans are accurate and accepts no responsibility for any inaccuracy shown on the plans. **FURTHER ON SITE INVESTIGATION IS REQUIRED TO VALIDATE THE EXACT LOCATION OF TELSTRA PLANT PRIOR TO COMMENCING CONSTRUCTION WORK.** A plant location service is an essential part of the process to validate the exact location of Telstra assets and to ensure the assets are protected during construction works. The exact position of Telstra assets can only be validated by physically exposing them. Telstra will seek compensation for damages caused to its property and losses caused to Telstra and its customers.

Privacy Note

Your information has been provided to Telstra by BYDA to enable Telstra to respond to your BYDA request. Telstra keeps your information in accordance with its privacy statement. You can obtain a copy at www.telstra.com.au/privacy or by calling us at 1800 039 059 (business hours only).

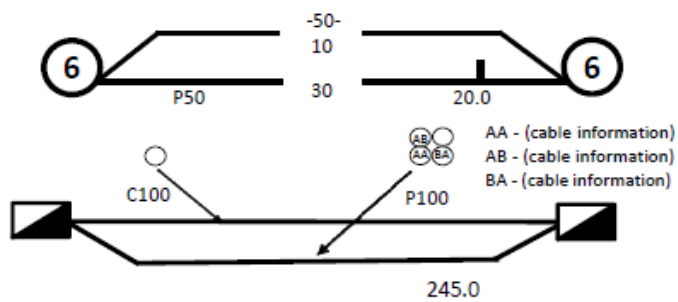
LEGEND



Some examples of conduit type and size:

A - Asbestos cement, P - PVC / Plastic, C - Concrete,
GI - Galanised iron, E - Earthenware
Conduit sizes *nominally* range from 20mm to 100mm
P50 50mm PVC conduit
P100 100mm PVC conduit
A100 100mm asbestos cement conduit

Some Examples of how to read Telstra Plans



One 50mm PVC conduit (P50) containing a 50-pair and a 10-pair cable between two 6-pits. approximately 20.0m apart, with a direct buried 30-pair cable along the same route

Two separate conduit runs between two footway access chambers (manholes) approximately 245m apart A nest of four 100mm PVC conduits (P100) containing assorted cables in three ducts (one being empty) and one empty 100mm concrete duct (C100) along

Protect our Network:

by maintaining the following distances from our assets:

- 1.0m Mechanical Excavators, Farm Ploughing, Tree Removal
- 500mm Vibrating Plate or Wacker Packer Compactor
- 600mm Heavy Vehicle Traffic (over 3 tonnes) not to be driven across Telstra ducts or plant.
- 1.0m Jackhammers/Pneumatic Breakers
- 2.0m Boring Equipment (in-line, horizontal and vertical)

For more info contact a [CERTLOC Certified Locating Organisation \(CLO\)](#) or Telstra Location Intelligence Team 1800 653 935

Before you Dig Australia – BEST PRACTISE GUIDES

The five Ps of safe excavation

<https://www.byda.com.au/before-you-dig/best-practice-guides/>

OPENING ELECTRONIC MAP ATTACHMENTS –

Telstra Cable Plans are generated automatically in either PDF or DWF file types.
Dependent on the site address and the size of area selected.
You may need to download and install free viewing software from the internet e.g.



DWF Map Files (all sizes over A3)
Autodesk Viewer (Internet Browser) <https://viewer.autodesk.com/> or
Autodesk Design Review <http://usa.autodesk.com/design-review/> for
DWF files. (Windows PC)



PDF Map Files (max size A3)
Adobe Acrobat Reader <http://get.adobe.com/reader/>



Telstra BYDA map related enquiries email Telstra.Plans@team.telstra.com
1800 653 935 (AEST Business Hours only)



REPORT ANY DAMAGE TO THE TELSTRA NETWORK IMMEDIATELY

Report online - <https://www.telstra.com.au/forms/report-damage-to-telstra-equipment>

Ph: 13 22 03

If you receive a message asking for a phone or account number say:
“I don’t have one” then say “Report Damage” then press 1 to speak to an operator.



Telstra New Connections / Disconnections
13 22 00



Telstra asset relocation enquiries: 1800 810 443 (AEST business hours only).

NetworkIntegrity@team.telstra.com

<https://www.telstra.com.au/consumer-advice/digging-construction>



Telstra Aerial Assets Group (overhead network)
1800 047 909



CERTLOC Certified Locating Organisation (CLO)

certloc.com.au/locators/

Only Telstra authorised personnel and CERTLOC Locators can access Telstra’s Pit and Pipe Network.