Government of Western Australia
Department of Water and Environmental Regulation

Works Approval

Works approval number	W2910/2025/1
Works approval holder	Mt Morgans WA Mining PTY LTD
ACN	612 053 291
Registered business address	Level 7 40 The Esplanade PERTH WA 6000
DWER internal number	INS-0002910
Duration	10/09/2025 to 10/09/2028
Date of issue	10/09/2025
Premises details	Mt Morgans Gold Project Part of mining tenements: M39/236, M39/272, M39/282, M39/395 and M39/1107 LAVERTON WA 6440 as depicted in Schedule 1 and the coordinates in Schedule 2.

Prescribed premises category description (Schedule 1, *Environmental Protection Regulations 1987*)	Assessed production / design capacity
Category 5: Processing or beneficiation of metallic or non-metallic ore	3.5 million tonnes per annual period.

This works approval is granted to the works approval holder, subject to the attached conditions, on 10 September 2025, by:

Christine Pustkuchen
Digitally signed by Christine Pustkuchen
Date: 2025.09.10 10:16:02 +08'00'

MANAGER, RESOURCES INDUSTRIES
ENVIRONMENTAL REGULATION (STATEWIDE DELIVERY)

an officer delegated under section 20 of the *Environmental Protection Act 1986* (WA)

Works approval history

Date	Reference number	Summary of changes
10/09/2025	W2910/2025/1	Works approval granted (APP-0026822).

Interpretation

In this works approval:

(a) the words 'including', 'includes' and 'include' in conditions mean "including but not limited to", and similar, as appropriate;

(b) where any word or phrase is given a defined meaning, any other part of speech or other grammatical form of that word or phrase has a corresponding meaning;

(c) where tables are used in a condition, each row in a table constitutes a separate condition;

(d) any reference to an Australian or other standard, guideline, or code of practice in this works approval:

  (i) if dated, refers to that particular version; and

  (ii) if not dated, refers to the latest version and therefore may be subject to change over time;

(e) unless specified otherwise, any reference to a section of an Act refers to that section of the EP Act; and

(f) unless specified otherwise, all definitions are in accordance with the EP Act.

NOTE: This works approval requires specific conditions to be met but does not provide any implied authorisation for other emissions, discharges, or activities not specified in this works approval.

Works approval conditions

The works approval holder must ensure that the following conditions are complied with:

Construction phase

Infrastructure and equipment

1. The works approval holder must:

(a) construct and/or install the infrastructure;

(b) in accordance with the corresponding design and construction / installation requirements; and

(c) at the corresponding infrastructure location

as set out in Table 1.

Table 1: Design and construction / installation requirements

	Infrastructure	Design and construction / installation requirements	Infrastructure location
1.	Tailings storage facility Cell 1 embankment raise to 418 mRL (Stage 4)	**Embankments** 1) Height of TSF Cell 1 Stage 4 perimeter embankment constructed to 418 mRL; 2) Perimeter embankment raise must be constructed in accordance with design specifications as depicted in Schedule 1: Figure 2; 3) Designed total freeboard of 500 mm or a 1 in 100 year/72 hour storm event (whichever is greater); 4) Windrows on TSF embankment constructed to a minimum of 0.5 m; and 5) Erosion protection layer on outer embankment slope constructed with waste rock to a minimum of 0.5 m. **Decant tower and accessway** 6) Decant tower and accessway constructed in accordance with Schedule 2, Figure 3; and 7) Decant tower must be equipped with an operational submersible pump with capacity of a minimum recovery of a 1.5 Mtpa. **Tailings and delivery and decant pipelines** 8) Operational flow sensors fitted to the tailings and return water pipelines to detect loss of contents. **Spigots** 9) Embankment spigots installed in a maximum 24 m intervals on the bank of the perimeter embankment. Where natural surface embankments impede the	As depicted in Schedule 1, Figure 1

	Infrastructure	Design and construction / installation requirements	Infrastructure location
		maximum intervals spigot spacing spigots will be spaced appropriately to accommodate for the terrain.	
2.	Tailings storage facility Cell 2 embankment raise to 418 mRL (Stage 4)	**Embankments** 1) Height of TSF Cell 2 Stage 4 maximum perimeter embankment height constructed to 418 mRL; 2) Perimeter embankment raise must be constructed in accordance with design specifications as depicted in Schedule 1: Figure 2; 3) Designed total freeboard of 500 mm or a 1 in 100 year/72 hour storm event (whichever is greater); 4) Windrows on TSF embankment constructed to a minimum of 0.5 m; and 5) Erosion protection layer on outer embankment slope constructed with waste rock to a minimum of 0.5 m. **Decant tower and accessway** 6) Decant tower and accessway constructed in accordance with Schedule 2, Figure 3; and 7) Decant tower must be equipped with an operational submersible pump with capacity of a minimum recovery of a 1.5 Mtpa. **Tailings and delivery and decant pipelines** 8) Operational flow sensors fitted to the tailings and return water pipelines to detect loss of contents **Spigots** 9) Embankment spigots installed in a maximum 24 m intervals on the bank of the perimeter embankment. Where natural surface embankments impede the maximum intervals spigot spacing spigots will be spaced appropriately to accommodate for the terrain.	As depicted in Figure 1 in Schedule 1.
3.	Seepage recovery bores (TSF AB04 to TSF AB10)	1) Each seepage recovery bore is equipped with: • a submersible pump with a minimum pumping capacity of 1.5 kL/hr; and • the following bore headworks: - a non-return valve pressure - flow meter; and - sampling point.	As depicted in Figure 1 in Schedule 1.

Compliance reporting

2. The works approval holder must within 30 calendar days of an item of infrastructure required by condition 1 being constructed:

(a) undertake an audit of their compliance with the requirements of condition 1; and

(b) prepare and submit to the CEO an Environmental Compliance Report on that compliance.

3. The Environmental Compliance Report required by condition 2, must include as a minimum the following:

(a) certification by an engineer that the items of infrastructure or component(s) thereof, as specified in condition 1, have been constructed in accordance with the relevant requirements specified in condition 1;

(b) as constructed plans and a detailed site plan for each item of infrastructure or component of infrastructure specified in condition 1; and

(c) be signed by a person authorised to represent the works approval holder and contains the printed name and position of that person.

Time limited operations phase

Commencement and duration

4. The works approval holder may only commence time limited operations for an item of infrastructure identified in condition 1, where the Environmental Compliance Report as required by condition 2 has been submitted by the works approval holder for that item of infrastructure.

5. The works approval holder may conduct time limited operations for an item of infrastructure specified in condition 6 (as applicable):

(a) for a period not exceeding 180 calendar days from the day the works approval holder meets the requirements of condition 4 for that item of infrastructure; or

(b) until such time as a licence for that item of infrastructure is granted in accordance with Part V of the *Environmental Protection Act 1986*, if one is granted before the end of the period specified in condition 5(a).

Time limited operations requirements and emission limits

6. During time limited operations, the works approval holder must ensure that the premises infrastructure and equipment listed in Table 2 and located at the corresponding infrastructure location is maintained and operated in accordance with the corresponding operational requirement set out in Table 2.

Table 2: Infrastructure and equipment requirements during time limited operations

Site infrastructure and equipment	Operational requirement	Infrastructure location
Tailings Storage Facility Cell 1 Stage 4 (embankment raise to 418 mRL (Stage 4)) Tailings Storage	1) Tailings deposition undertaken via cyclic deposition to optimise beach slope and decrease drying time; 2) Supernatant pond kept away (over 100 m) from the perimeter embankments and maintained as small as practicable;	As depicted in Figure 1 in Schedule 1.

Site infrastructure and equipment	Operational requirement	Infrastructure location
Facility Cell 2 Stage 4 (embankment raise to 418 mRL (Stage 4))	3) Total freeboard of 500 mm or a 1 in 100 year/72 hour storm event (whichever is greater) is to be maintained; and 4) Tailings and decant return pipelines flow sensors are maintained and operational.	
Seepage recovery Bores (TSF AB01 and TSF AB03 – TSF AB10)	1) Submersible pumps are operational, maintained and serviced according to manufactures guidelines; and 2) Recovered seepage is returned to the TSF or used in processing of ore.	As depicted in Figure 1 in Schedule 1.

7. During time limited operations the works approval holder must:

(a) undertake inspections of the infrastructure at the corresponding frequency, as specified in Table 3.

(b) where any inspection identifies that an appropriate level of environmental protection is not being maintained, take corrective action to mitigate adverse environmental consequences as soon as practicable; and

(c) maintain a record of all inspections undertaken.

Table 3: Inspection of infrastructure during time limited operation

Infrastrucrure	Type of inspection	Frequency of inspection
TSF Cell 1 and Cell 2	Visual integrity Freeboard capacity Decant pond size and location	12-hourly
Tailings delivery and decant return pipelines	Visual integrity	

Compliance reporting

8. The works approval holder must submit to the CEO a report on the time limited operations within 60 calendar days of the completion date of time limited operations or 180 calendar days before the expiration date of the works approval, whichever is the sooner.

9. The works approval holder must ensure the report required by condition 8 includes the following:

(a) a summary of the time limited operations, including timeframes and amount of volume of tailings deposited;

(b) a review of the performance and compliance against the conditions of the works approval; and

(c) where the manufacturer's design specifications and the conditions of this works approval have not been met, what measures will the works approval holder take to meet them, and what timeframes will be required to implement those measures.

Specified action

10. The works approval holder must provide a report to the CEO on each item specified in Table 4 and its corresponding requirements within the timeframe specified in Table 4.

Table 4: Specified action

Item	Specified action requirements	Timeframe
1	**Passive Siphon Sampler monitoring event** The works approval holder must conduct a monitoring event using a passive siphon sampler as described in Mackay, A.K. and Taylor, M.P., 2011. Event-based water quality sampling method for application in remote rivers. River Research and Applications, 28(8), 1105-1112. The objective of the monitoring event is to sample the "first flush" of water runoff from the TSF and surrounding area after a rainfall event that would enter the nearby ephemeral creeks and/or the playa. The results are to be compared to an upstream location where samples will not be impacted by the TSF. The sample suite must be: • collected and preserved in accordance with AS/NZS 5667.1; • submitted to a laboratory with current National Association of Testing Authorities (NATA) accreditation for the parameters to be measured; and • analysis suite of at least: Total dissolved solids, weak acid dissociable cyanide, arsenic, antimony cadmium, chromium, cobalt, copper, iron, lead, nickel, selenium, zinc and thallium. The report must include but not limited to: • justification and rational of the installed sampler location of both downstream and upstream locations of the TSF including figures and photographs of installation location; • detailed methodology of the sampling undertaken; • applied Quality Assurance Quality Control (QAQC) for the monitoring event and the results of the QAQC • tabulated data of the monitoring event; • discussion of results of the monitoring event; • recent recorded rainfall leading up to and during the monitoring event; and • conclusions and a revised risk assessment to downstream receptors.	Prior to 1 April 2026.

Records and reporting (general)

11. The works approval holder must record the following information in relation to complaints received by the works approval holder (whether received directly from a complainant or forwarded to them by the Department or another party) about any alleged emissions from the premises:

(a) the name and contact details of the complainant, (if provided);

(b) the time and date of the complaint;

(c) the complete details of the complaint and any other concerns or other issues raised; and

(d) the complete details and dates of any action taken by the works approval holder to investigate or respond to any complaint.

12. The works approval holder must maintain accurate and auditable books that include the following records, information, reports, and data required by this works approval:

(a) the calculation of fees payable in respect of this works approval;

(b) the works conducted in accordance with condition 6 of this works approval;

(c) any maintenance of infrastructure that is performed in the course of complying with condition 6 of this works approval;

(d) complaints received under condition 11 of this works approval.

13. The books specified under condition 12 must:

(a) be legible;

(b) if amended, be amended in such a way that the original version(s) and any subsequent amendments remain legible and are capable of retrieval;

(c) be retained by the works approval holder for the duration of the works approval; and

(d) be available to be produced to an inspector or the CEO as required.

Definitions

In this works approval, the terms in Table 5 have the meanings defined.

Table 5: Definitions

Term	Definition
books	has the same meaning given to that term under the EP Act.
CEO	means Chief Executive Officer. CEO for the purposes of notification means: Director General Department administering the *Environmental Protection Act 1986* Locked Bag 10 Joondalup DC WA 6919 info@dwer.wa.gov.au
Department	means the department established under section 35 of the *Public Sector Management Act 1994* and designated as responsible for the administration of Part V Division 3 of the EP Act.
discharge	has the same meaning given to that term under the EP Act.
emission	has the same meaning given to that term under the EP Act.
Environmental Compliance Report	means a report to satisfy the CEO that the conditioned infrastructure and/or equipment has been constructed and/or installed in accordance with the works approval.
EP Act	*Environmental Protection Act 1986* (WA).
EP Regulations	*Environmental Protection Regulations 1987* (WA).
Mackay, A.K. and Taylor, M.P., 2011	means the report prepared by Mackay, A.K. and Taylor, M.P., 2011 Event-based water quality sampling method for application in remote rivers. River Research and Applications, 28(8), 1105-1112. Available here: https://onlinelibrary.wiley.com/doi/epdf/10.1002/rra.1504.
premises	the premises to which this works approval applies, as specified at the front of this works approval and as shown on the premises map Figure 1 in Schedule 1 to this works approval.
prescribed premises	has the same meaning given to that term under the EP Act.
time limited operations	refers to the operation of the infrastructure and equipment identified under this works approval that is authorised for that purpose, subject to the relevant conditions.
TSF	means tailings storage facility.
works approval	refers to this document, which evidences the grant of the works approval by the CEO under section 54 of the EP Act, subject to the conditions.
works approval holder	refers to the occupier of the premises being the person to whom this works approval has been granted, as specified at the front of this works

Term	Definition
	approval.

END OF CONDITIONS

Schedule 1: Maps

Premises map

The boundary of the prescribed premises is shown in the map below (Figure 1).

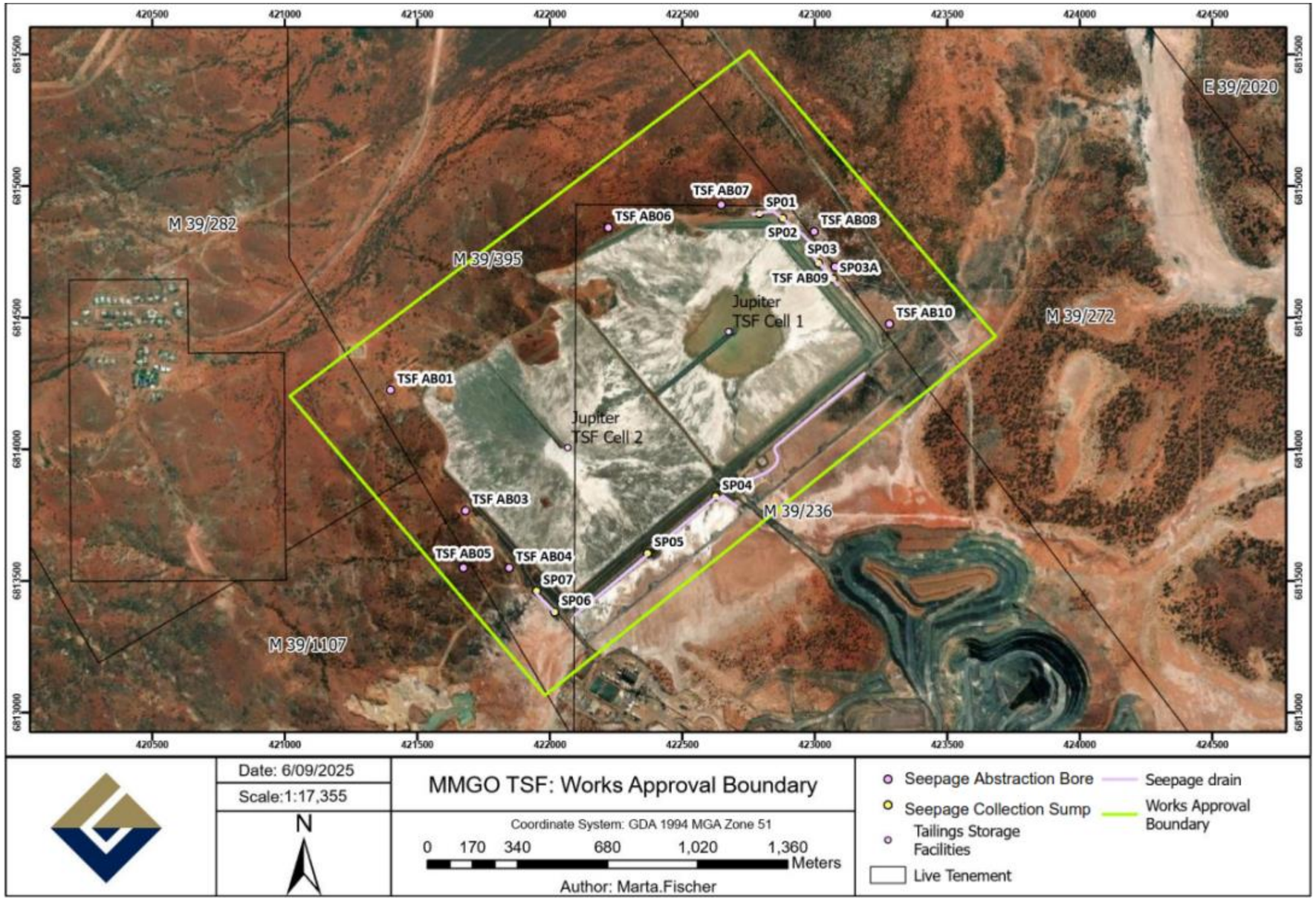

Figure 1: Map of the boundary of the prescribed premises

Schedule 2: Construction design

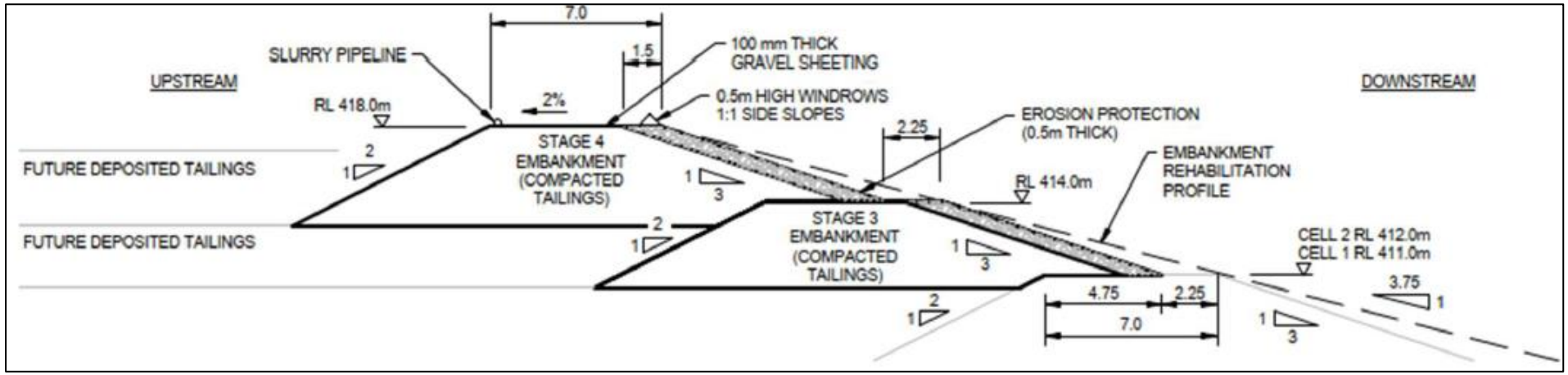

Figure 2: Perimeter embankment construction requirements

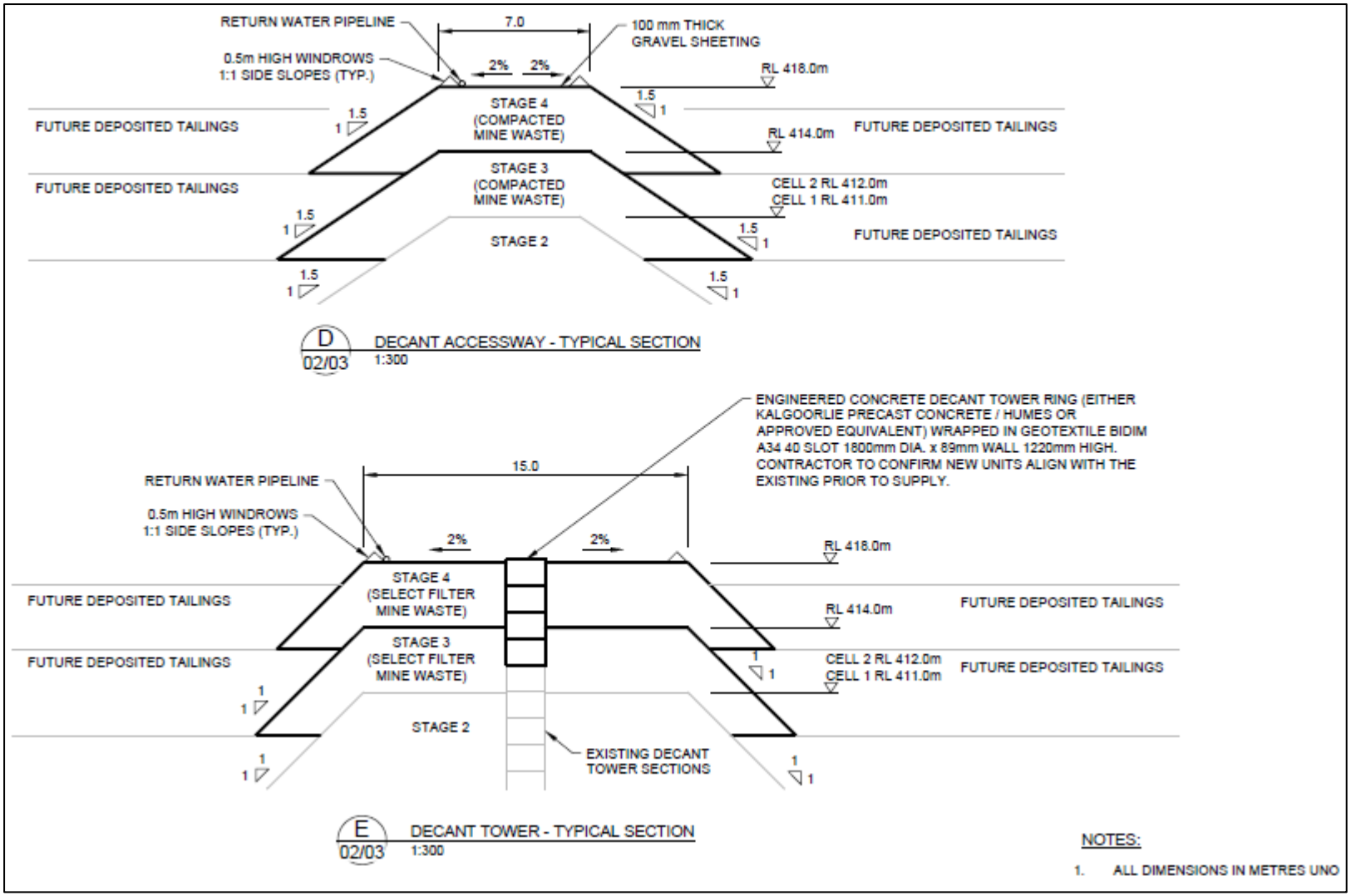

Figure 3: Decant accessway and tower construction requirements

Schedule 3: Premises boundary

The corners of the premises boundary are the coordinates listed in Table 6.

Table 6: Premises boundary coordinates (GDA2020)

	Easting	Northing	Zone
1.	422754.93432	6815514.53362	51
2.	423683.40464	6814430.16350	51
3.	421982.50586	6813067.23730	51
4.	421020.63759	6814203.63082	51