



Works Approval

Works approval number	W6874/2023/1
Works approval holder	GSM Mining Company Pty Ltd
ACN	165 235 030
Registered business address	Level 4 235 St Georges Terrace PERTH 6000
DWER file number	DER2023/000755
Duration	13/03/2024 to 12/03/2029
Date of issue	13/03/2024
Premises details	Granny Smith Gold Mine Mining Tenements M38/205 and M38/161 LAVERTON WA 6440

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed production capacity
Category 5: Processing or beneficiation of metallic or non-metallic ore	4 500 000 tonnes per annual period

This works approval is granted to the works approval holder, subject to the attached conditions, on 13 March 2024, by:

Timothy Moran

**A/MANAGER, RESOURCE INDUSTRIES
REGULATORY SERVICES**

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

Works approval history

Date	Reference number	Summary of changes
13/03/2024	W6874/2023/1	Works approval granted to allow embankment raise to Tailings Storage Facility Cell 3 (stage 3G) to RL 437 m

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

Critical Containment Infrastructure and equipment

1. The works approval holder must:
 - (a) construct the critical containment infrastructure;
 - (b) in accordance with the corresponding design and construction requirements; and
 - (c) at the corresponding infrastructure location as set out in Table 1.

Table 1: Design and construction requirements

	Critical Containment Infrastructure	Design and construction requirements	Infrastructure location
1.	TSF Cell 3 Stage 3G lift	<ul style="list-style-type: none"> Maximum crest level of RL 437 m Constructed to the specifications outlines in Figure 2 of Schedule 1 Constructed to provide a minimum 300 mm total freeboard (including an allowance from a 1% AEP 72 hour rain event) above the normal operating pond; Tailings used in construction must be deposited in layers of no more than 300 mm Tailings used in construction must be compacted to a minimum dry density ratio of 98% SMDD within a target moisture content of 2% to -2% 	As shown in Figure 1, Figure 2 and Figure 3
2.	Decant causeway, return water, pipeline	<ul style="list-style-type: none"> To be raised from current elevation to slope from RL 437 m at the perimeter embankment to RL 436.3 m at the decant tower Return water pipeline along causeway to be disconnected during construction and reinstated upon completion of construction 	Within TSF Cell 3 as depicted in Figure 1 and Figure 4 Schedule 1

Compliance reporting

2. The works approval holder must within 30 calendar days of an item of critical containment 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 a Critical Containment Infrastructure Report on that compliance.

3. The Critical Containment Infrastructure Report required by condition 2, must include as a minimum the following:
 - (a) certification by a Qualified, Competent Civil or Structural Engineer that the items of critical containment infrastructure or component(s) thereof, as specified in condition 1 has been constructed in accordance with the relevant requirements specified in condition 1;
 - (b) as constructed plans and a detailed site plan showing the height, location and dimensions for each item of critical containment infrastructure or component of infrastructure specified in condition 1;
 - (c) photographic evidence of the installation of the infrastructure; and
 - (d) 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 critical containment infrastructure identified in condition 1:
 - (a) where the Critical Containment Infrastructure Report as required by condition 2 has been submitted by the works approval holder for that item of infrastructure; and
 - (b) where the CEO has notified the works approval holder that the Critical Containment Infrastructure Report for that item of infrastructure as required by condition 1 meets the requirements of that condition
5. The works approval holder may conduct time limited operations for an item of critical containment infrastructure specified in condition 1:
 - (a) For a period not exceeding 120 calendar days from the day the works approval holder meets the requirements of condition 1 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).

Compliance reporting

6. 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 operation.
7. The works approval holder must ensure the report required by condition 6 includes a summary of the time limited operations, including timeframes and amount tailings deposited.

Records and reporting (general)

8. 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:
 - (b) the name and contact details of the complainant, (if provided);
 - (c) the time and date of the complaint;
 - (d) the complete details of the complaint and any other concerns or other issues raised; and
 - (e) the complete details and dates of any action taken by the works approval holder to investigate or respond to any complaint.
9. The works approval holder must maintain accurate and auditable books including the following records, information, reports, and data required by this works approval:
 - (b) the works conducted in accordance with condition 1;
 - (c) any maintenance of infrastructure that is performed in the course of complying with condition 1; and
 - (d) complaints received under condition 8.
10. The books specified under condition 9 must:
 - (b) be legible;
 - (c) if amended, be amended in such a way that the original version(s) and any subsequent amendments remain legible and are capable of retrieval;
 - (d) be retained by the works approval holder for the duration of the works approval; and
 - (e) be available to be produced to an inspector or the CEO as required.

Definitions

In this works approval, the terms in Table 1 have the meanings defined.

Table 1: 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 <i>Environmental Protection Act 1986</i> Locked Bag 10 Joondalup DC WA 6919 info@dwer.wa.gov.au
critical containment infrastructure	means the items of infrastructure listed in condition 1.
Critical Containment Infrastructure Report	means a report to satisfy the CEO that works of critical containment infrastructure have been constructed in accordance with the works approval.
Department	means the department established under section 35 of the <i>Public Sector Management Act 1994</i> 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.
EP Act	<i>Environmental Protection Act 1986</i> (WA).
EP Regulations	<i>Environmental Protection Regulations 1987</i> (WA).
premises	the premises to which this licence applies, as specified at the front of this licence 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.
Qualified, Competent Civil or Structural Engineer	Means a person who: <ul style="list-style-type: none"> (a) holds a Bachelor's degree recognised by Engineers Australia; and (b) has a minimum of five years of experience working in a supervisory role in civil or structural engineering; and (c) is employed by an independent third party external to the Works Approval Holder's business;

Term	Definition
	or is otherwise approved in writing by the CEO to act in this capacity
SMDD	means standard maximum dry density
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.
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 approval.

END OF CONDITIONS

Schedule 1: Maps

Premises map

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

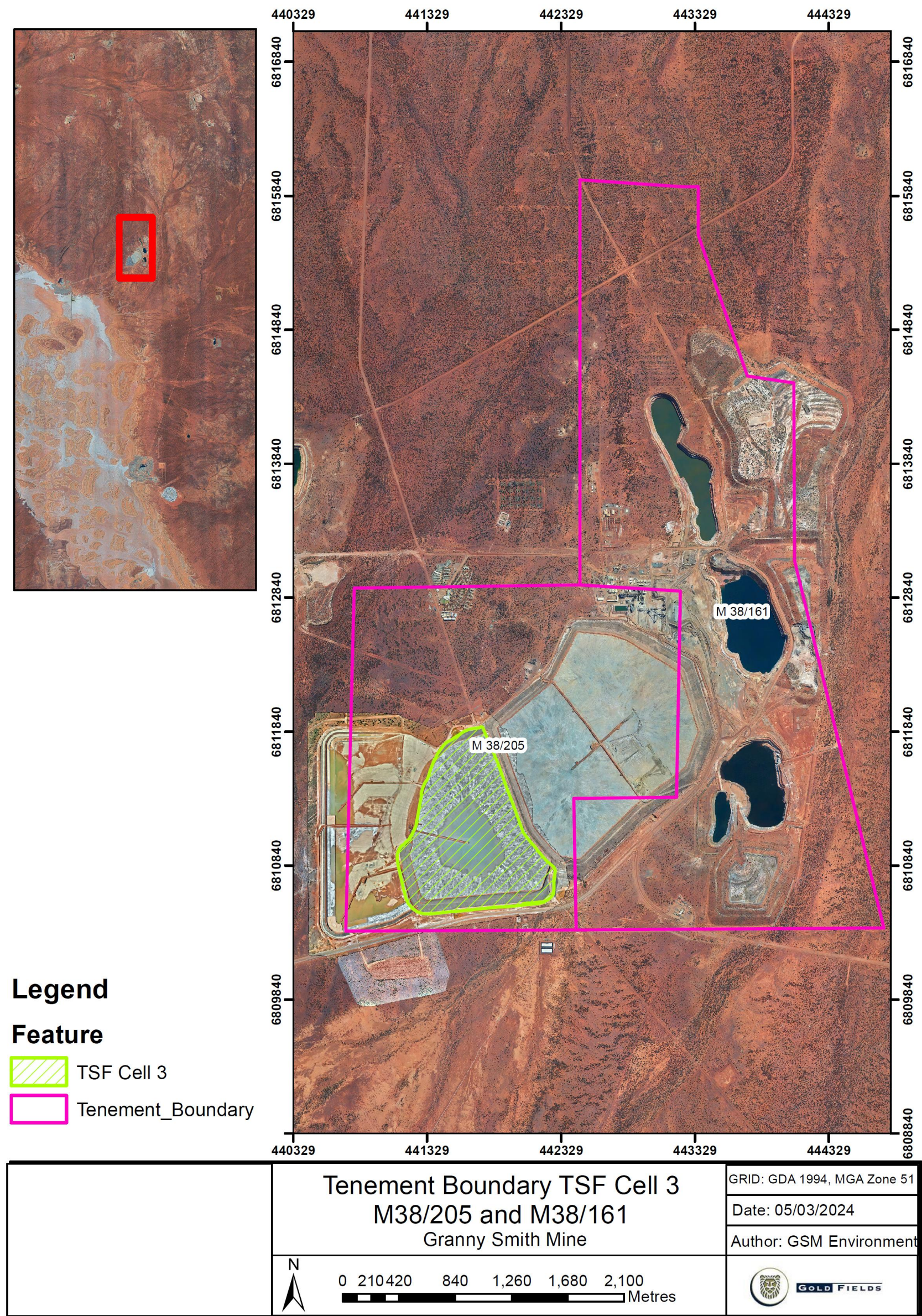


Figure 1: Map of the boundary of the prescribed premises

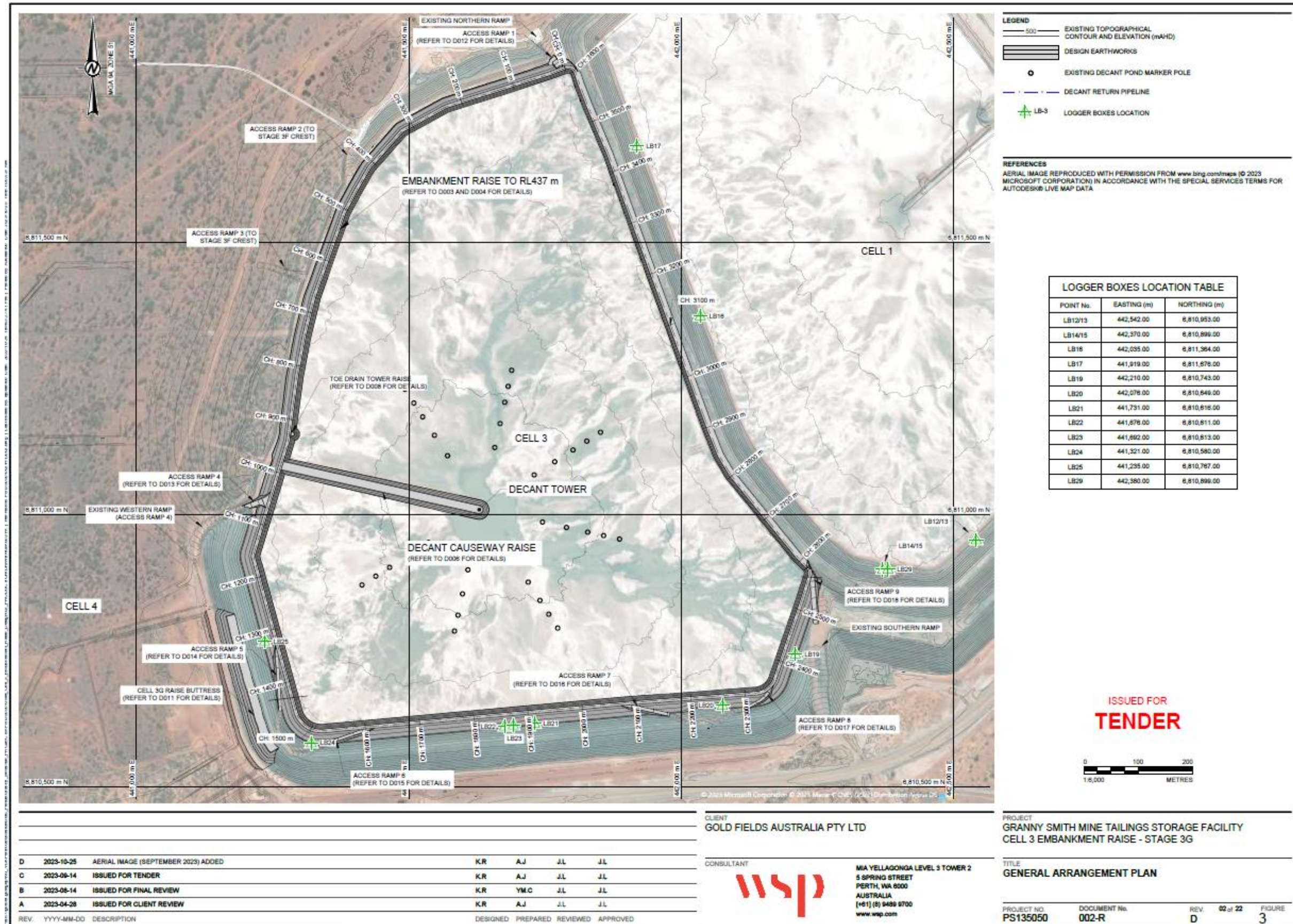


Figure 2: TSF 3 stage 3G lift infrastructure location plan

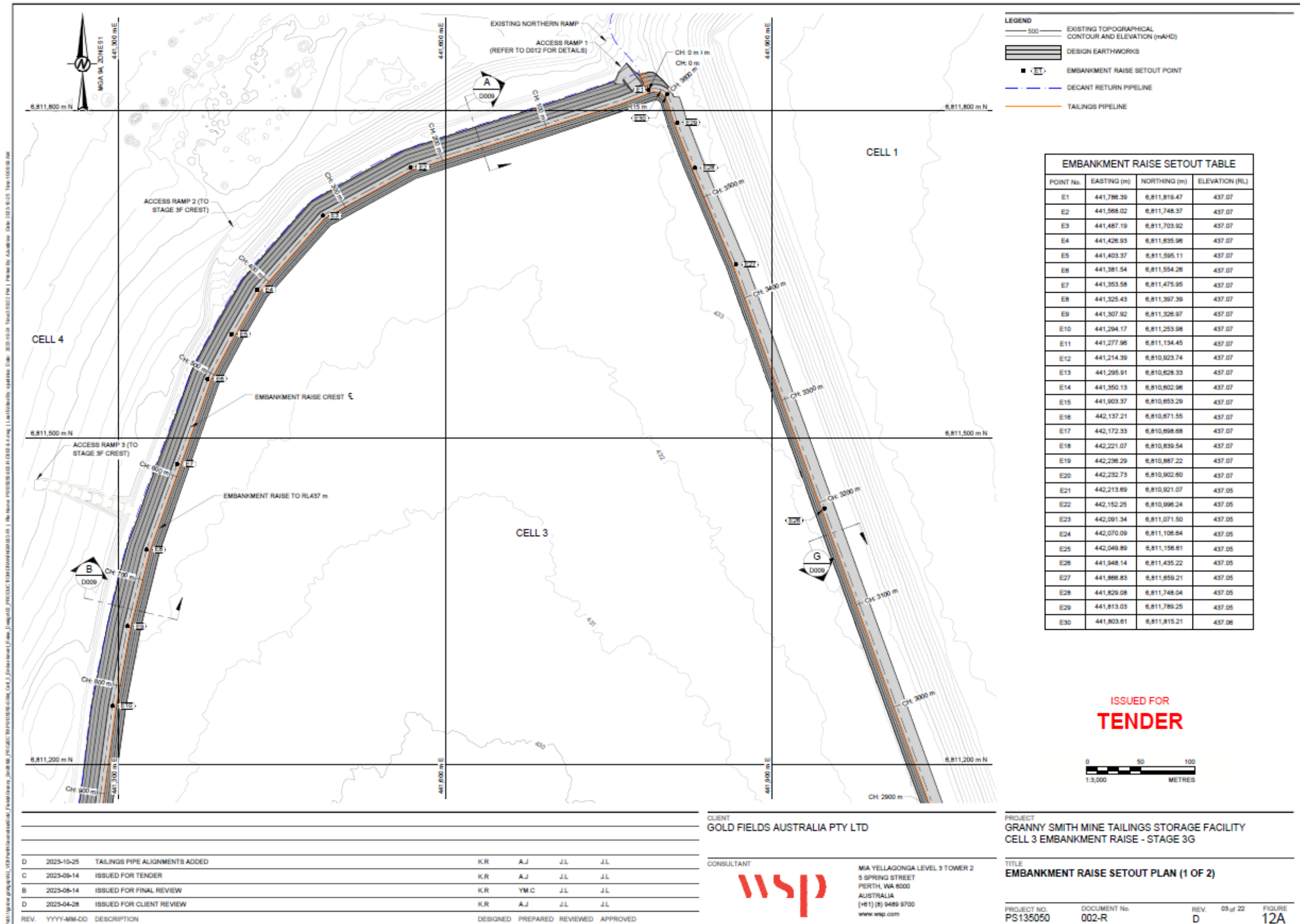


Figure 3: Stage 3G embankment raise plan (1 of 2)

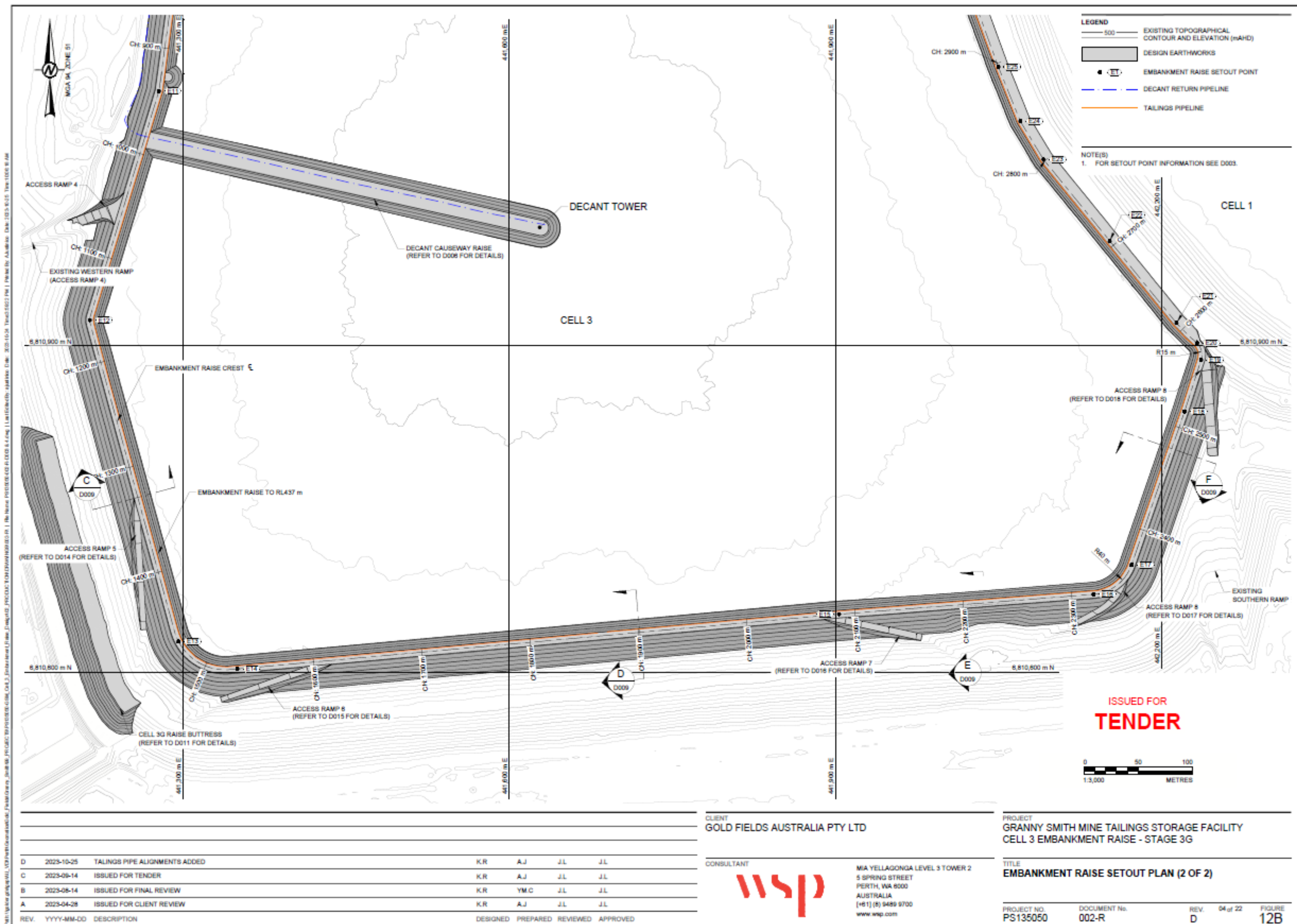


Figure 4: Stage 3G embankment raise plan (2 of 2)