Government of Western Australia
Department of Water and Environmental Regulation

Works Approval

Works approval number	W6891/2024/1
Works approval holder	Greenstone Resources (WA) Pty Ltd
ACN	100 341 599
Registered business address	Level 2, 35 Vertnor Avenue WEST PERTH WA 6005
DWER file number	DER2024/000052
Duration	18/04/2024 to 17/04/2029
Date of issue	18/04/2024
Premises details	King of the Hills Gold Mine LEONORA WA 6438 Legal description - Mining tenements M37/67, M37/76, M37/90, M37/201, M37/222, M37/248, M37/330, M37/410, M37/429, M37/449, M37/451, M37/457, M37/547, M37/548, M37/572, M37/573, M37/574, M37/1105 As defined by the Premises map in Schedule 1.

Prescribed premises category description (Schedule 1, *Environmental Protection Regulations 1987*)	**Assessed production capacity**
Category 5: Processing or beneficiation of metallic or non-metallic ore	6,000,000 tonnes per annual period

This works approval is granted to the works approval holder, subject to the attached conditions, on 18 April 2024, by:

Christine Pustkuchen
Digitally signed by Christine Pustkuchen
Date: 2024.04.18 13:02:33 +08'00'

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
18/04/2024	W6891/2024/1	Works approval granted.

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;

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

(e) 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 the critical containment 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: Critical containment infrastructure design and construction requirements

	Infrastructure	Design and construction / installation requirements	Infrastructure location
1.	TSF4 Stage 1 expansion and embankment raise	1. Perimeter embankment constructed to a maximum crest level of RL 433.0 m. 2. Expansion area must be cleared of loose rock debris and lined with either HDPE liner or 300mm-thick compacted clay liner, with liner capable of achieving permeability of 1 x 10^{-8} m/s or less. 3. Any exploration or monitoring bore holes within the expansion footprint must be fully grouted prior to installation of liner. 4. Embankment raise must be constructed in accordance with design specifications (i.e., embankment construction material, geometry, bunding, and crossfall), as depicted in Schedule 2: Design drawings, Figure 7(H) and Figure 8(J). 5. Cut-off trench with nominal depth of 1.5 m must be constructed and backfilled with low-permeability fill material under the upstream zone of the extended northern and southern embankment. 6. Historic central decant rock fill in Cell A and Cell B must be sealed using low-permeability fill material. 7. Visual marker must be installed along embankments for freeboard monitoring. 8. Water cart must be used for dust suppression during construction activities, when required.	Labelled as 'TSF4', as depicted in Schedule 1: Map, Figure 2.
	Rock ring decant structure	9. Rock ring decant and decant accessway must be constructed in accordance with design specifications, as depicted in Schedule 2: Design drawings, Figure 9(F) and Figure 9(G), respectively. 10. Rock ring decant must be equipped with a submersible pump with a nominal throughput of 18,100 m^3/day (or greater).	Labelled as 'F04', as depicted in Schedule 1: Map, Figure 3.

	Infrastructure	Design and construction / installation requirements	Infrastructure location
	Tailings delivery pipeline and spigot	11. Tailings delivery pipeline must be equipped with leak detection sensors and isolation valves; 12. Tailings spigots must be installed at intervals no less than 40 m along the TSF4 perimeter embankments in accordance with design specifications, as depicted in as depicted in Schedule 2: Design drawings, Figure 10.	Around perimeter embankment of TSF4, which is depicted in Schedule 1: Map, Figure 2 (labelled as 'TSF4').
2.	TSF4 Stage 2 expansion and embankment raise	1. Perimeter embankment constructed to a maximum crest level of RL 437.0 m. 2. Expansion area must be cleared of loose rock debris and lined with either HDPE liner or 300mm-thick compacted clay liner, with liner capable of achieving permeability of 1 x 10^{-8} m/s or less. 3. Any exploration or monitoring bore holes within the expansion footprint must be fully grouted prior to installation of liner. 4. Embankment raise must be constructed in accordance with design specifications (i.e., embankment construction material, geometry, bunding, and crossfall), as depicted in Schedule 2: Design drawings, Figure 9(D). 5. New embankments on existing waste rock landform must be constructed in accordance with design specifications (i.e., embankment construction material, geometry, bunding, and crossfall), as depicted in Schedule 2: Design drawings, Figure 9(E). 6. Cut-off trench with nominal depth of 1.5 m must be constructed and backfilled with low-permeability fill material under the upstream zone of the extended northern and southern embankment, as well as the new western embankment. 7. Rock ring decant and decant accessway must be raised in accordance with design specifications, as depicted in Schedule 2: Design drawings, Figure 9(F) and Figure 9(G). 8. Visual marker must be installed along embankments for freeboard monitoring. 9. Water cart must be used for dust suppression during construction activities, when required.	Labelled as 'TSF4', as depicted in Schedule 1: Map, Figure 3.
	Tailings delivery pipeline and spigot	10. Tailings delivery pipeline must be equipped with leak detection sensors and isolation valves. 11. Tailings spigots must be installed at intervals no less than 40 m along the TSF4 perimeter embankments in accordance with design specifications, as depicted in as depicted in Schedule 2: Design drawings, Figure 10.	Around perimeter embankment of TSF4, which is depicted in Schedule 1: Map, Figure 3 (labelled as

	Infrastructure	Design and construction / installation requirements	Infrastructure location
			'TSF4').
	Monitoring infrastructure	12. Seven standpipe piezometers must be installed along the TSF4 perimeter embankments in accordance with design specifications, as depicted in Schedule 2: Design drawings, Figure 10 at the locations depicted in Schedule 1: Maps, Figure 5. 13. Three vibrating wire piezometers must be installed along the TSF4 perimeter embankments in accordance with design specifications, as depicted in Schedule 2: Design drawings, Figure 10 at the locations depicted in Schedule 1: Maps, Figure 5. 14. Settlement pins must be installed at approximately 200 m intervals along the TSF4 perimeter embankments in accordance with design specifications, as depicted in as depicted in Schedule 2: Design drawings, Figure 5.	Standpipe piezometers labelled as 'Additional Standpipe Piezometer' and vibrating wire piezometers labelled as 'VWPs', as depicted in Schedule 1: Map, Figure 5.

2. The works approval holder must:

(a) construct and/or install the infrastructure and/or equipment;

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

(c) at the corresponding infrastructure location.

as set out in Table 2.

Table 2: Design and construction requirements

	Infrastructure	Design and construction / installation requirements	Infrastructure location
1.	TSF4 Stage 3 embankment raise	1. Perimeter embankment constructed to a maximum crest level of RL 441.0 m (for TSF4 Stage 3 embankment raise) and RL 445.0 m (for TSF4 Stage 4 embankment raise). 2. Embankment raise must be constructed in accordance with design specifications (i.e., embankment construction material, geometry, bunding, and crossfall), as depicted in Schedule 2: Design drawings, Figure 9(D) and Figure 9(E). 3. Rock ring decant and decant accessway must be raised in accordance with design specifications, as depicted in Schedule 2: Design drawings, Figure 9(F) and Figure 9(G), respectively. 4. Visual marker must be installed along embankments for freeboard monitoring. 5. Water cart must be used for dust suppression during construction activities, when required.	Labelled as 'TSF4', as depicted in Schedule 1: Map, Figure 3.
2.	TSF4 Stage 4 embankment raise		
3.	Booster pumping station	1. Perimeter bunding must be constructed, with sufficient capacity to contain volume of tailings contained within pipelines between the nearest	Labelled as 'Tailings Booster Pump

	Infrastructure	Design and construction / installation requirements	Infrastructure location
		isolation points. 2. Bunded area must be equipped with a sump to collect potential spills or leaks.	Station (40M X 40M)', as depicted in Schedule 1: Map, Figure 4.

Compliance reporting

3. The works approval holder must within 90 calendar days of the critical containment infrastructure identified 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.

4. The Critical Containment Infrastructure Report required by condition 3 must include, as a minimum, the following:

(a) certification by a suitably qualified engineer that each item of critical containment infrastructure of component thereof, as specified in condition 1, has been built and installed in accordance with the requirements of condition 1;

(b) as-constructed plans and a detailed site plan showing the location and dimensions for each item of critical containment infrastructure or component thereof, as specified in condition 1;

(c) photographic evidence of the installation of the infrastructure;

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

5. The works approval holder must within 60 calendar days of an item of infrastructure or equipment required by condition 2 being constructed and/or installed:

(a) undertake an audit of their compliance with the requirements of condition 2; and

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

6. The Environmental Compliance Report required by condition 5 must include, as a minimum, the following:

(a) certification by a suitably qualified engineer that the items of infrastructure or component(s) thereof, as specified in condition 2, 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 2; and

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

Environmental commissioning phase

7. The works approval holder may only commence environmental commissioning of an item of infrastructure identified in condition 8 once the Environmental Compliance Report has been submitted for that item of infrastructure in accordance with condition 5.

8. Any environmental commissioning activities undertaken for an item of infrastructure specified in Table 3 must be carried out:

(a) in accordance with the corresponding commissioning requirements; and

(b) for the corresponding authorised commissioning duration.

Table 3: Environmental commissioning requirements

	Infrastructure	Commissioning requirements	Infrastructure location	Authorised commissioning duration
1.	Booster pumping station	1. Tailings delivery pipelines must be inspected visually at least twice daily. 2. Leak detection sensors must be monitored to detect potential tailings delivery pipeline.	Labelled as 'Tailings Booster Pump Station (40M X 40M)', as depicted in Schedule 1: Map, Figure 4.	For a period not exceeding 30 calendar days in aggregate.

9. During environmental commissioning, the works approval holder must ensure that the emissions specified in Table 4 are discharged only from the corresponding discharge points and only at the corresponding discharge point locations.

Table 4: Authorised discharge point during environmental commissioning

Emission point reference	Description	Source	Emission point location
TSF4	Tailings slurry	Tailings processing from gold processing plant via booster pumping station at the premises.	Labelled as 'TSF4', as depicted in Schedule 1: Map, Figure 2 (during Stage 1 expansion and embankment raise) and Figure 3 (during Stage 2 expansion, as well as Stage 3 and Stage 4 embankment raises).

Compliance reporting

10. The works approval holder must submit to the CEO an Environmental Commissioning Report within 30 calendar days of the completion date of environmental commissioning for each item of infrastructure specified in condition 8.

11. The Environmental Commissioning Report required by condition 10 must include, as a minimum, the following:

(a) a summary of the environmental commissioning activities undertaken, including timeframes and amount of tailings discharged;

(b) environmental performance of each item of infrastructure or equipment as constructed or installed, including an assessment of any monitoring or testing against the intended design of the item of infrastructure or equipment;

(c) a review of the works approval holder's compliance with the requirements of condition 8; and

(d) where they have not been met, measures proposed to meet the manufacturer's design specifications and/or the conditions of this works approval, as well as timeframes for implementing the proposed measures.

Time limited operations phase

Commencement and duration

12. The works approval holder may only commence time limited operation for an item of critical containment infrastructure identified in condition 15:

(a) where the CEO has notified the works approval holder that the Critical Containment Infrastructure Report for that item of critical containment infrastructure as required by condition 3 meets the requirements of that condition; or

(b) where at least 45 business days have passed after the Critical Containment Infrastructure Report for that item of critical containment infrastructure as required by condition 3 has been submitted to the CEO.

13. The works approval holder may only commence time limited operations for an item of infrastructure identified in condition 15:

(a) where the item of infrastructure is not authorised to undertake environmental commissioning under condition 8, the Environmental Compliance Report as required by condition 5 has been submitted by the works approval holder for that item of infrastructure; and

(b) where the item of infrastructure is authorised to undertake environmental commissioning under condition 8, the Environmental Commissioning Report for that item of infrastructure has been submitted by the works approval holder, as required by condition 10.

14. The works approval holder may conduct time limited operations for an item of infrastructure specified in condition 15:

(a) for a period not exceeding 180 calendar days from the day the works approval holder meets the requirements of condition 12 or condition 13 (as applicable for the 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 14(a).

Time limited operations requirements and emission limits

15. During time limited operations, the works approval holder must ensure that the premises infrastructure listed in Table 5 and located at the corresponding infrastructure location is maintained and operated in accordance with the corresponding operational requirement set out in Table 5.

Table 5: Infrastructure and equipment requirements during time limited operations

	Infrastructure	Operational requirement	Infrastructure location
1.	TSF4 Stage 1 expansion and embankment raise	1. Tailings must be deposited sub-aerially, with deposition patterns rotated to optimise decant water recovery. 2. Decant pond size must be maintained as small as practicable. 3. Decant pond must be maintained around the	Labelled as 'TSF4', as depicted in Schedule 1: Map, Figure 2.
2.	TSF4 Stage 2 expansion and		Labelled as 'TSF4', as depicted in

	Infrastructure	Operational requirement	Infrastructure location
	embankment raise	rock ring decant, with pond boundary at least 250 m from the perimeter embankment (from operation of Stage 2 expansion and embankment raise onwards). 4. Decant pond must be maintained to allow a minimum of 500 mm total freeboard (including allowance for a 1% AEP 72-hour rain event). 5. Leak detection sensors and isolation valves on tailings delivery pipelines and return water pipelines must be maintained and operational when pipelines are in use. 6. Bunds, scour pits and sumps servicing tailings delivery pipelines and return water pipelines must be maintained.	Schedule 1: Map, Figure 3.
3.	TSF4 Stage 3 embankment raise		
4.	TSF4 Stage 4 embankment raise		
5.	Booster pumping station	1. Bund integrity and sump must be maintained.	Labelled as 'Tailings Booster Pump Station (40M X 40M)', as depicted in Schedule 1: Map, Figure 4.

16. During time limited operation, the works approval holder must ensure that the emissions specified in Table 6 are discharged only from the corresponding discharge points and only at the corresponding discharge point locations.

Table 6: Authorised discharge point during time limited operation

Emission point reference	Description	Source	Emission point location
TSF4	Tailings slurry	Tailings processing from gold processing plant via booster pumping station at the premises.	Labelled as 'TSF4', as depicted in Schedule 1: Map, Figure 2 (during Stage 1 expansion and embankment raise) and Figure 3 (during Stage 2 expansion, as well as Stage 3 and Stage 4 embankment raises).

17. During time limited operation, the works approval holder must:

(a) undertake inspections of the infrastructure at the corresponding frequency, as specified in Table 7;

(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 7: Inspection of infrastructure during time limited operation

Infrastructure	Type of inspection	Frequency of inspection
TSF4 embankment	Freeboard capacity	Daily
TSF4 decant pond	Size and location; and Wildlife sightings and activities at decant pond	Daily
Tailings delivery pipelines and return water pipelines	Visual integrity	Twice daily

Monitoring during time limited operations

18. During time limited operation, the works approval holder must ensure that:

(a) all water samples are collected and preserved in accordance with AS/NZS 5667.1;

(b) all groundwater sampling is conducted in accordance with AS/NZS 5667.11; and

(c) all laboratory samples are submitted to a laboratory with current NATA accreditation for the parameters to be measured.

19. During time limited operation, the works approval holder must ensure that all monitoring equipment used on the premises to comply with conditions 21 and 22 is calibrated in accordance with manufacturer specification.

20. During time limited operation, the works approval holder must ensure that monitoring is undertaken in each quarterly period such that there are at least 45 calendar days in between days on which samples are taken in successive quarters.

21. During time limited operation, the works approval holder must monitor discharges:

(a) at the corresponding monitoring location;

(b) for the corresponding parameters;

(c) in the corresponding unit;

(d) for the corresponding averaging period; and

(e) at no less than the corresponding frequency,

as set out in Table 8.

Table 8: Monitoring of emissions and discharges during time limited operation

Monitoring point reference	Monitoring location	Parameter	Unit	Averaging period	Frequency
TSF4 decant pond	Labelled as 'F04', as depicted in Schedule 1: Map, Figure 3.	pH[1]	pH unit	Spot sample	Quarterly during time limited operation of TSF4 Stage 1 to Stage 4 embankment
		Electrical conductivity (EC)[1]	µS/cm		
		Total dissolved solids			

Monitoring point reference	Monitoring location	Parameter	Unit	Averaging period	Frequency
		(TDS)	mg/L		raises.
		Total cyanide			
		Weak acid dissociable cyanide (WAD CN)			

Note 1: In-field non-NATA-accredited analysis permitted.

22. During time limited operation, the works approval holder must undertake monitoring of ambient groundwater:

(a) at the corresponding monitoring locations;

(b) for the corresponding parameters;

(c) in the corresponding unit;

(d) for the corresponding averaging period;

(e) at no less than the corresponding frequency; and

(f) must not exceed the corresponding limit,

as set out in Table 9.

Table 9: Monitoring of ambient groundwater quality during time limited operation

Monitoring point reference	Monitoring location	Parameter	Unit	Averaging period	Frequency	Limit
1. MBH1(S); 2. MBH1(D); 3. MBH2(S); 4. MBH2(D); 5. MBH3(S); 6. MBH3(D); 7. MBH6; 8. MBH7; 9. MBH14; 10. MBH15; 11. MBH18; 12. MBH19; 13. MBH21; 14. MBH23.	As depicted in Schedule 1: Map, Figure 6.	Standing water level (SWL)[1]	mbgl; mAHD	Spot sample	Quarterly during time limited operation of TSF4 Stage 1 to Stage 4 embankment raises.	4 mbgl
		pH[1]	pH unit			----
		Electrical conductivity (EC) [1]	µS/cm			
		Total dissolved solids (TDS)	mg/L			
		Weak acid dissociable cyanide (WAD CN)				0.5 mg/L
		<u>Major ions</u>: • Calcium (Ca); • Magnesium (Mg); • Sodium (Na); • Potassium (K); • Carbonate (CO_3); • Chloride (Cl); • Sulfate (SO_4).				----
		<u>Metals and metalloid</u>:				----

Monitoring point reference	Monitoring location	Parameter	Unit	Averaging period	Frequency	Limit
		• Arsenic (As); • Cadmium (Cd); • Chromium (Cr); • Copper (Cu); • Cobalt (Co); • Iron (Fe); • Lead (Pb); • Manganese (Mn); • Mercury (Hg); • Nickel (Ni); • Zinc (Zn).				

Note 1: In-field non-NATA-accredited analysis permitted.

23. During time limited operation, the works approval holder must undertake the monitoring for the parameters specified in Table 10 in accordance with the specifications detailed in Table 10.

Table 10: Process monitoring during time limited operation

Parameter	Unit	Frequency	Method
Amount of tailings deposited	m^3	Monthly	None specified.
Volume of return water recovered from the decant system			
Amount of ore processed at processing plant	tonnes		

Compliance reporting

24. The works approval holder must submit to the CEO a report on the time limited operations of an item of infrastructure within 60 calendar days of the completion date of time limited operations for that item of infrastructure or 90 calendar days before the expiration date of the works approval, whichever is the sooner.

25. The works approval holder must ensure the repot required by condition 24 includes the following:

(a) a summary of the time limited operations, including timeframes;

(b) the environmental performance of each item of infrastructure or equipment as constructed or installed against conditions 15, 16 and 17 of the works approval; and

(c) a summary and analysis of monitoring results obtained during time limited operation under conditions 21 and 22;

(d) a summary of process monitoring results obtained during time limited operation under condition 23;

(e) a review of the works approval holder's compliance with the conditions of the works approval during time limited operation; and

(f) where the environmental performance of an item of infrastructure or equipment has not been met, measures proposed to meet the manufacturer's design specifications and/or the conditions of this works approval, as well as timeframes for implementing the proposed measures.

Records and reporting (general)

26. 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.

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

(a) the works conducted in accordance with conditions 1, 2 and 8;

(b) any maintenance of infrastructure that is performed in the course of complying with conditions 15 and 17;

(c) monitoring programmes undertaken in accordance with conditions 21, 22 and 23; and

(d) complaints received under condition 26.

28. The books specified under condition 26 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 11 have the meanings defined.

Table 11: Definitions

Term	Definition
AEP	means Annual Exceedance Probability.
annual period	a 12-month period commencing from 1 January until 31 December of the same year.
AS 1692	refers to the *Australian Standard 1692 – Steel tanks for flammable and combustible liquids.*
AS 1940	refers to the *Australian Standard 1940 – The storage and handling of flammable and combustible liquids.*
AS 5667.1	refers to the *Australian Standard 5667.1 – Water quality – Sampling, Part 1: Guidance on the design of sampling programs, sampling techniques and the preservation and handling of samples.*
AS 5667.11	refers to the *Australian Standard 5667.11 – Water quality – Sampling, Part 11: Guidance on sampling of groundwaters.*
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
critical containment infrastructure	means the items of infrastructure listed in condition 2.
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 *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 commissioning	means the sequence of activities to be undertaken to test equipment integrity and operation, or to determine the environmental performance, of equipment and infrastructure to establish or test a steady state operation and confirm design specifications.
Environmental	means a report on any commissioning activities that have taken place

Term	Definition
Commissioning Report	and a demonstration that they have concluded, with focus on emissions and discharges, waste containment, and other environmental factors.
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).
HDPE	means high-density polyethylene.
mbgl	means metres below ground level.
mAHD	means metres in accordance with the Australian Height Datum.
NATA	refers to the National Association of Testing Authorities.
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.
suitably qualified engineer	means a person who: 1. holds a Bachelor of Engineering recognised by the Australian Institute of Engineers; and 2. has a minimum of five years of experience working in the design and/or implementation of the relevant infrastructure, or 3. who is otherwise approved by the CEO to act in this capacity.
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).

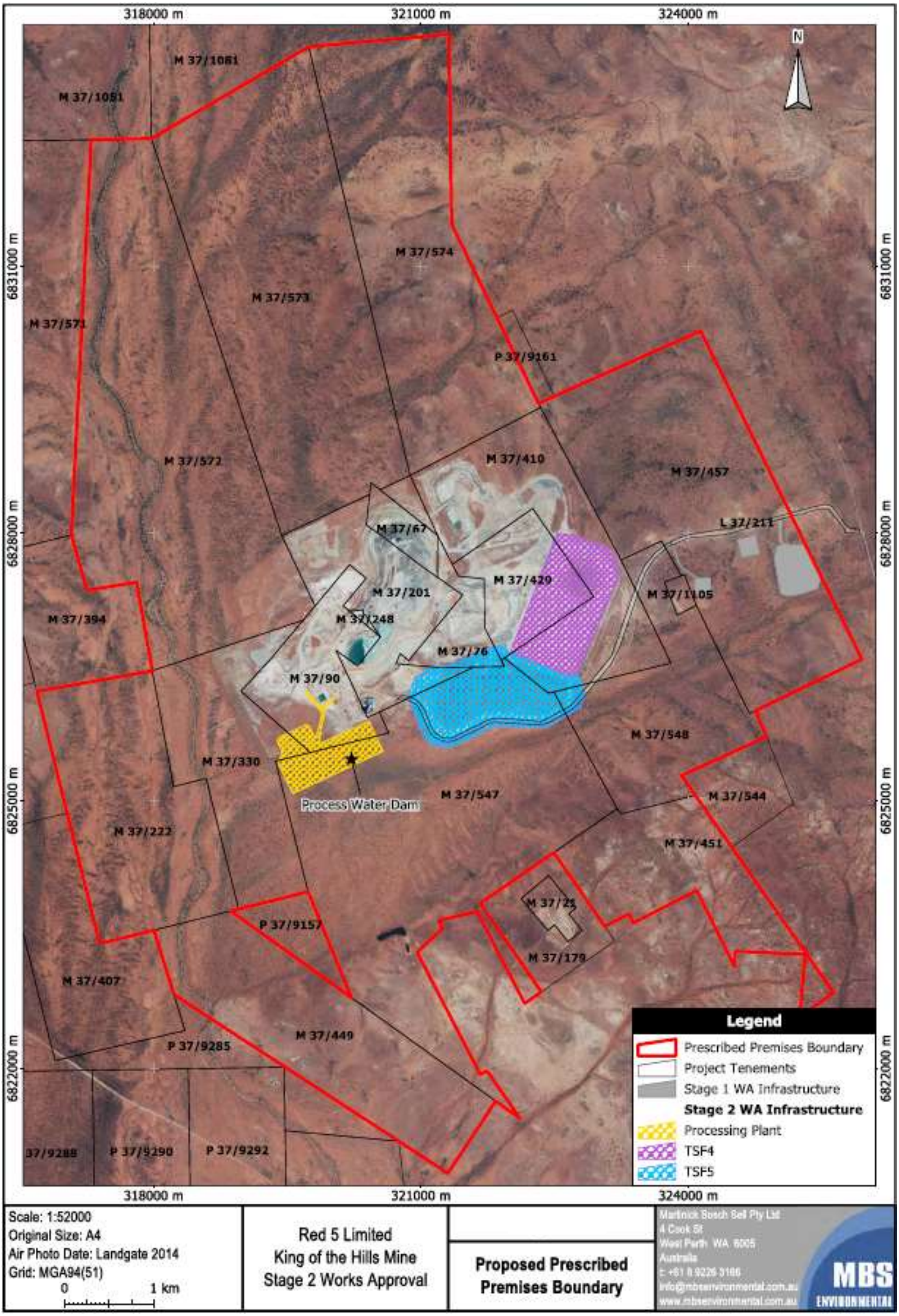

Figure 1: Map of the boundary of the prescribed premises

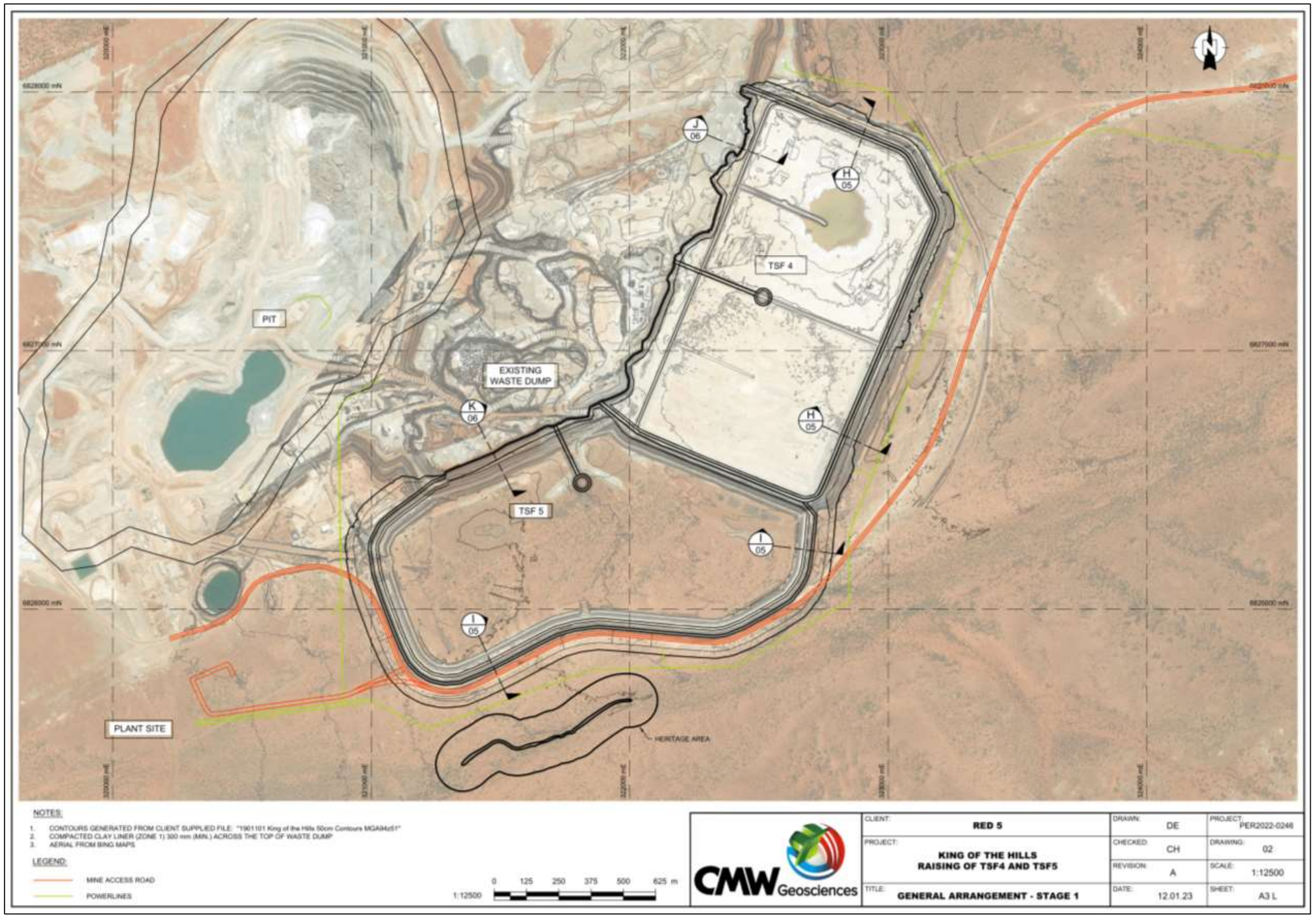

Figure 2: TSF4 site layout (Stage 1 expansion and embankment raise)

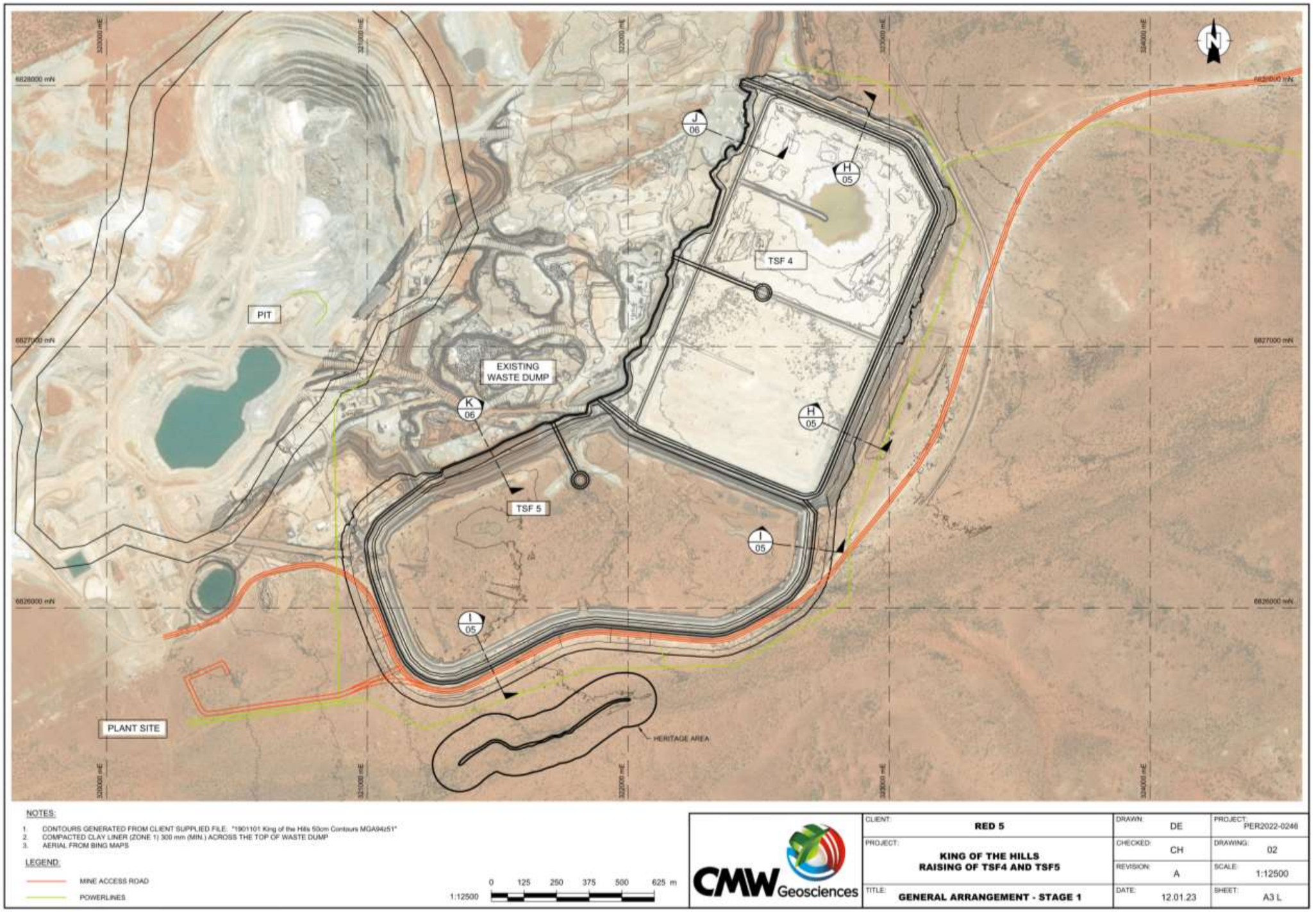

Figure 3: Site layout (Stage 2 to Stage 4 expansion and embankment raises)

Figure 4: Location of booster pumping station

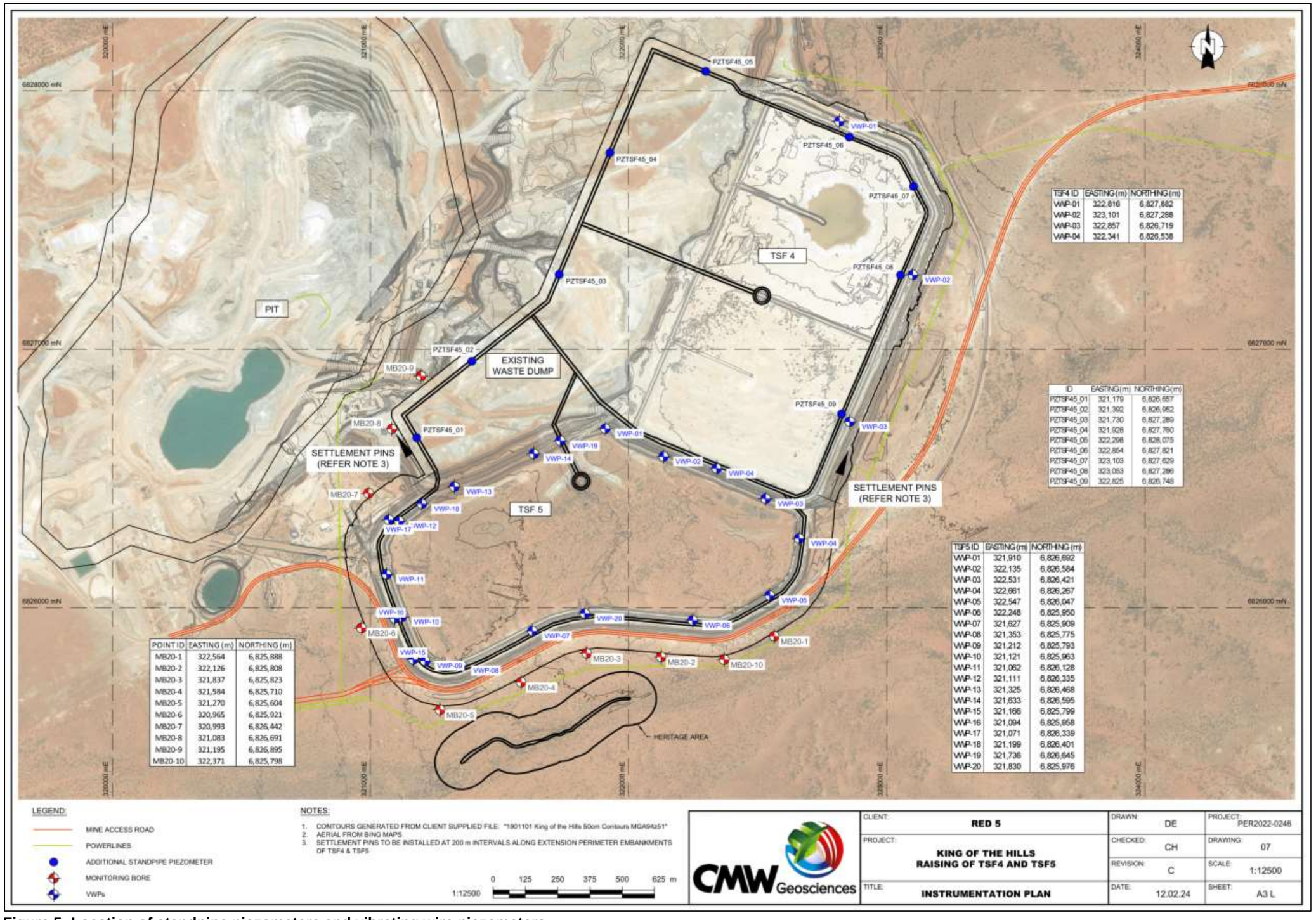

Figure 5: Location of standpipe piezometers and vibrating wire piezometers

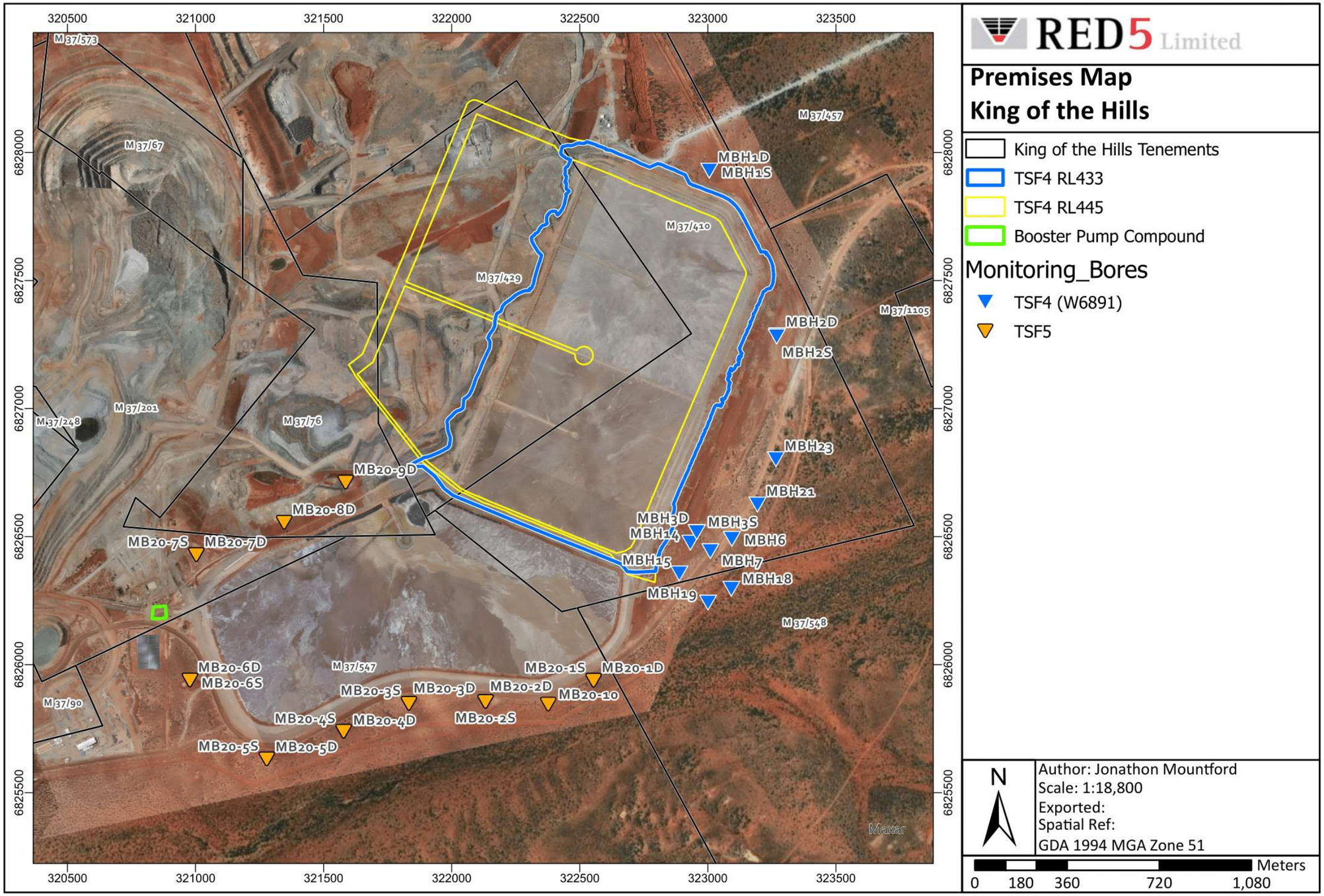

Figure 6: Location of groundwater monitoring bores

Schedule 2: Design drawings

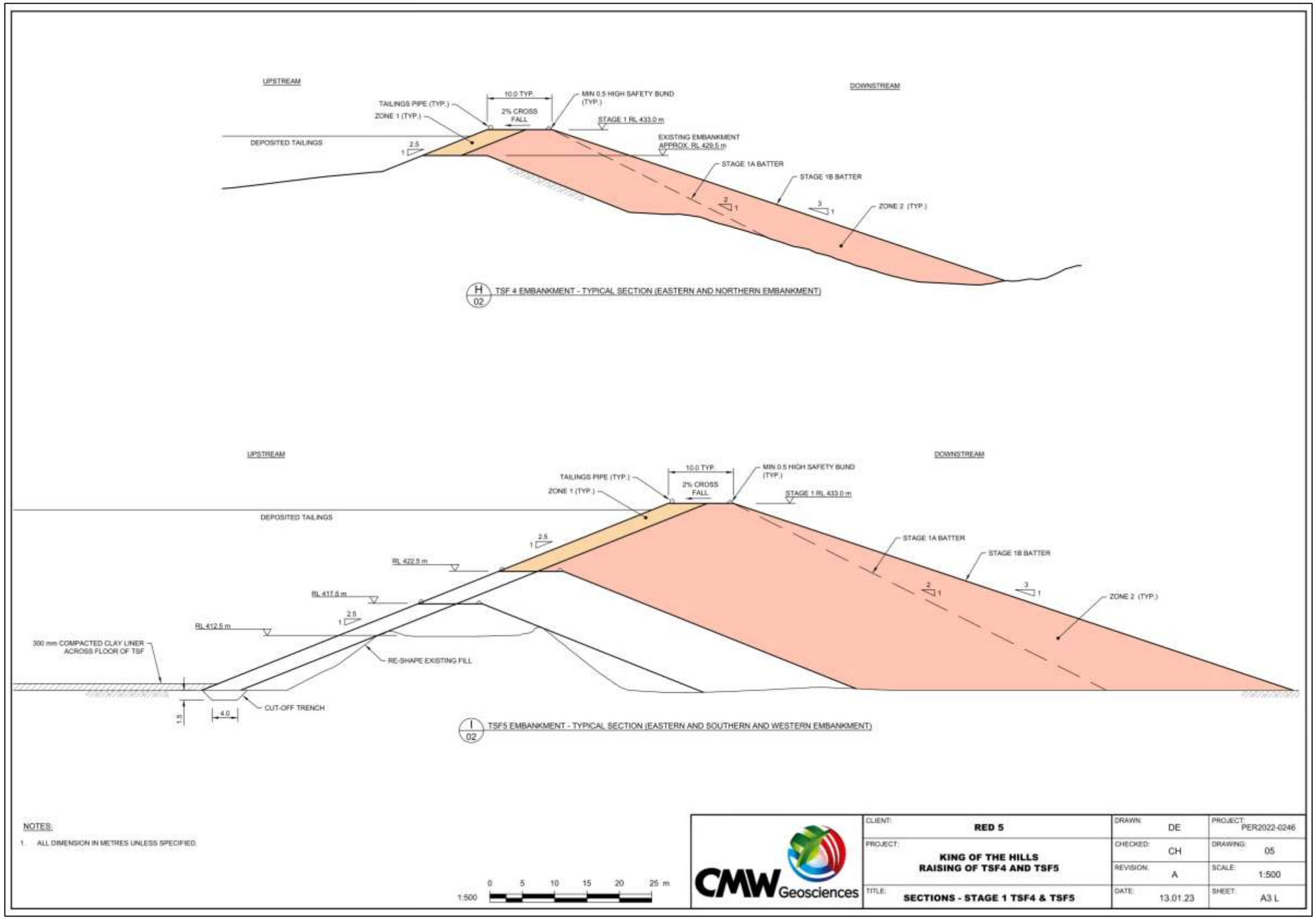

Figure 7: Design drawing for TSF4 Stage 1 embankment raise (eastern and northern embankment)

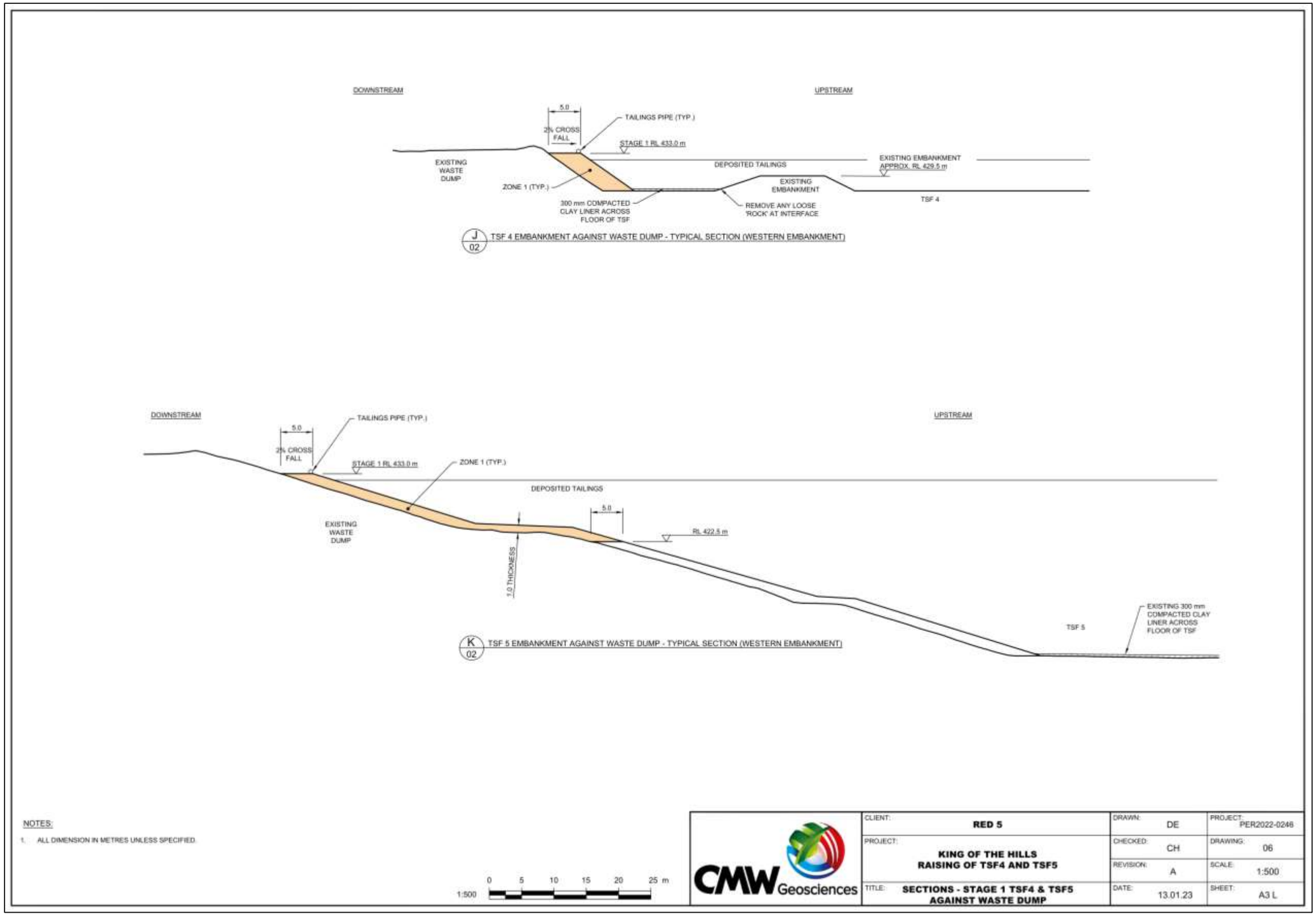

Figure 8: Design drawing for TSF4 Stage 1 embankment (western embankment)

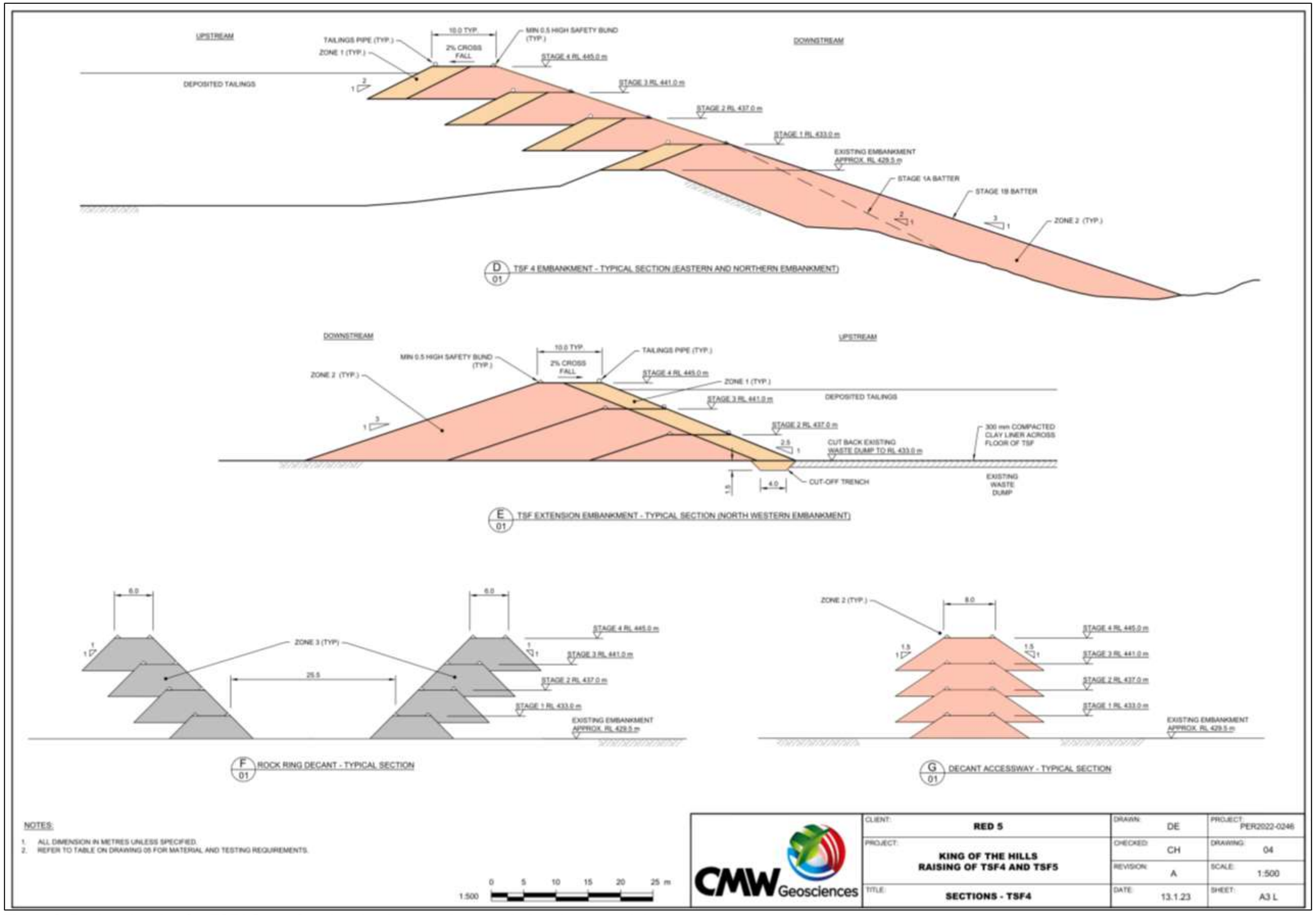

Figure 9: Design drawing for TSF4 Stage 2 to 4 embankment raises, rock ring decant and decant accessway

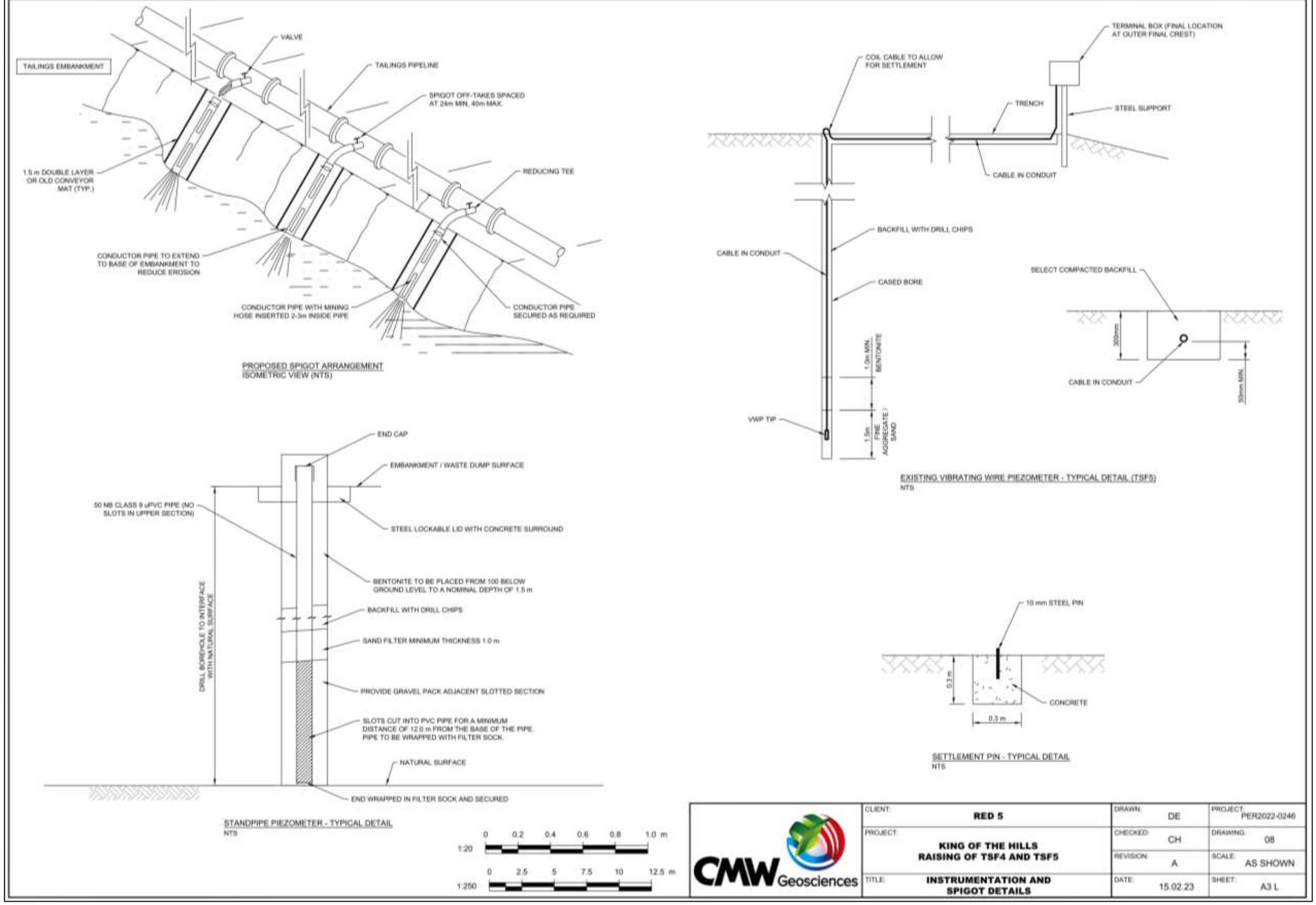

Figure 10: Design drawing for spigot arrangement, standpipe piezometer, vibrating wire piezometer and settlement pin