Government of Western Australia
Department of Water and Environmental Regulation

Licence

Licence number	L9328/2022/1
Licence holder	AUSCON Metals Pty Ltd
ACN	108 260 939
Registered business address	26 Keates Road ARMADALE WA 6112
DWER file number	DER2021/000724
Duration	14/06/2022 to 14/06/2042
Date of issue	14/06/2022
Premises details	AUSCON Metals 26 Keates Road ARMADALE WA 6112 Legal description Lot 209 on Deposited Plan 98994 Certificate of Title Volume 2182 Folio 796 As defined by the premises map attached to the issued licence

Prescribed premises category description (Schedule 1, ***Environmental Protection Regulations 1987***)	**Assessed production capacity**
Category 47: Scrap metal recovery	150,000 tonnes per annual period

This licence is granted to the licence holder, subject to the attached conditions, on 14 June 2022, by:

Digitally signed by Abbie Crawford
Date: 2022.06.14 09:40:46 +08'00'

Abbie Crawford
A/Manager, Waste Industries
REGULATORY SERVICES

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

Licence history

Date	Reference number	Summary of changes
14/06/2022	L9328/2022/1	Licence granted.

Interpretation

In this licence:

(a) the words ‘including’, ‘includes’ and ‘include’ in conditions mean “including but not limited to”, and similar, as appropriate;

(a) 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;

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

(c) any reference to an Australian or other standard, guideline, or code of practice in this licence:

  (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;

(d) 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 licence requires specific conditions to be met but does not provide any implied authorisation for other emissions, discharges, or activities not specified in this licence.

Licence conditions

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

Infrastructure and equipment

1. The licence holder must construct and/or install the infrastructure listed in Table 1, in accordance with;

(a) the corresponding design and construction requirement / installation requirement; and

(b) at the corresponding infrastructure location; and

(c) within the corresponding timeframe.

as set out in Table 1.

Table 1: Design and construction requirements / installation requirements

Infrastructure	Design and construction requirement / installation requirement	Infrastructure location	Timeframe
Hardstand	• Must achieve a permeability of less than 1 x 10^{-9} m/s or equivalent; • Must incorporate a pit and pipe system to capture all stormwater on the site; • Must be graded towards the collection pits and be piped into the basins; • Pit and pipe system must be designed with a 10% AEP capacity; and • A GPT / oil separator to be installed in the last pit upstream of the basins.	As defined in Figure 3 by the area shaded yellow	Works to be completed by 30 June 2024
Basin 1	• 4.85 m (wide) by 8 m (long) by 1.5 m (high); • 1v:3h batters; and • Lined with an impermeable layer.	As defined in Figure 3	Works to be completed by 30 June 2024
Basin 2	• 4.85 m (wide) by 28 m (long) by 1.8 m (high); • Must be capable of providing the necessary stormwater detention for a 1% AEP event; and • Must achieve a permeability rate of at least 0.2 m/day.	As defined in Figure 3	Works to be completed by 30 June 2024
Basins 1 and 2	• 1.8 m high fencing to be installed around the perimeter of the basins.	N/A	Works to be completed by 30 June 2024

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

(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 a suitably qualified civil 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.

4. The licence holder may only commence operation for an item of infrastructure identified in condition 1 where the Environmental Compliance Report as required by condition 2 has been submitted by the licence holder for that item of infrastructure

5. The licence holder must ensure that the site 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

Site infrastructure and equipment	Operational requirement	Infrastructure location
Premises roads, pavement, work areas and driveways	Must be wet down as required to minimise dust emissions.	N/A
Workshop	• Constructed of metal with a concrete, impermeable base; and • Fully enclosed.	As shown in Figure 2
Concrete hardstand areas	Must be maintained free of leaks and defects.	Metal shredding area and vehicle processing area as shown in Figure 2 and yellow shaded area as shown in Figure 3 (once constructed)

Site infrastructure and equipment	Operational requirement	Infrastructure location
Stormwater containment system - Basin 1	• Must maintain a minimum freeboard of 0.3 m; and • All stormwater entering Basin 1 through the pit and pipe system must pass through a gross pollutant trap and oil water separator located within the last pit upstream of Basin 1.	
Stormwater containment system - Basin 2	Must maintain a minimum freeboard of 0.3 m.	
Equipment utilised for metal recycling processing	• Must be maintained in good working order; and • Must be operated in a manner that ensures related noise and vibration emissions comply with the *Environmental Protection (Noise) Regulations 1997*.	N/A
Fragmenting/shredding equipment	• Must incorporate a dust extraction system that is maintained in good working order; • Must only operate in conjunction with the dust extraction system; • Must be fitted with noise abatement cladding; and • Must be operated in a manner that ensures related noise and vibration emissions comply with the *Environmental Protection (Noise) Regulations 1997*.	As shown in Figure 2
Oxy-cutting area and equipment	• Oxy-cutting area must be kept free of combustible materials including vegetation and organic litter; and • Any combustible materials that cannot be removed must be covered using suitable guards or covers during cutting activities.	As shown in Figure 2
Vehicle processing area	• All liquid waste and stormwater from the vehicle processing area must flow into a sump containing a dedicated oil skimmer.	As shown in Figure 2
Granulator	• Located within an undercover area; and • Ground area to be maintained free of non-conforming waste types.	As shown in Figure 2

Site infrastructure and equipment	Operational requirement	Infrastructure location
All on site fire prevention equipment	• All on site fire management and prevention equipment including, but not limited to: - Hose reels and a water cannon; - Three mobile water trucks; and - Four fire water tanks (30,000L each). to be stored so access is not impeded by infrastructure or equipment; and • All on site fire management and prevention equipment must be maintained in good working order at all times.	

6. The licence holder must:

(a) erect and maintain suitable fencing to prevent unauthorised access to the site;

(b) ensure that any entrance gates to the premises are securely locked when the premises is unattended; and

(c) undertake regular inspections of all security measures and repair damage as soon as practicable.

Waste Acceptance

7. The licence holder must only accept onto the premises waste of a type that:

(a) does not exceed the rate at which that waste is received; and

(b) meets the relevant acceptance specification,

as set out in Table 3.

Table 3: Waste acceptance criteria

Waste type	Rate at which waste is received	Acceptance specification[1]
Scrap metal (ferrous and non-ferrous)	150,000 tonnes per annual period (combined total) - Hazardous waste component limited to 200 tonnes per annual period	(a) Car bodies (b) Machinery (c) White goods (d) Light gauge (mixed) scrap (e) Heavy gauge steel (f) Non-ferrous metals (g) E-waste
Hazardous waste (used lead acid batteries)		Acceptance of used lead acid batteries only, for storage and disposal offsite. No other hazardous waste shall be accepted.

Note 1: Additional requirements for the acceptance of controlled waste (including asbestos and tyres) are set out in the *Environmental Protection (Controlled Waste) Regulations 2004*.

8. The licence holder must ensure that where waste does not meet the waste acceptance criteria set out in condition 7, it is removed from the premises by the delivery vehicle or, where that is not possible, stored in a quarantined storage area or container and removed to an appropriately authorised facility within one week of receival.

Waste Processing

9. The licence holder must ensure that the waste types specified in Table 4 are only subjected to the corresponding process(es), subject to the corresponding process limits and/or specifications.

Table 4: Waste processing

Waste type	Process(es)	Process limits and/or specifications
All scrap metal (ferrous and non-ferrous)	Receipt, handling, sorting, fragmenting, compacting and storage prior to sale or removal offsite	**Acceptance requirements:** • Inspection of all materials received at the premises for the removal of non-conforming waste and hazardous waste, including but not limited to, Liquified Petroleum Gas cylinders, oxygen cylinders, acetylene cylinders (or any other compressed gas cylinders), chemical, hazardous, flammable, radioactive or explosive substances. If any of these wastes are found, they are required to be removed before further processing; • Upon inspection of all materials received at the premises, if a load contains >10% w/w of non-conforming wastes, the load must be rejected as per condition 8; • Any items that are suspected of containing asbestos must be removed prior to further processing; • All items that may have contained gases must be de-gassed prior to acceptance onto the premises; and • All car bodies or machinery must be free of liquid prior to acceptance onto the premises. **Storage requirements (scrap metal):** • Stockpiles shall not exceed 5 metres in height at any point from the base of the stockpile; and • 3 metre clearance must be maintained between stockpiles. **Storage requirements (tyres):** • No more than 50 tyres may be stored on site at any one time; and • Tyres arriving on site must be stored inside the steel shipping containers and in accordance with Department of Fire & Emergency Services Guidance Note 02: *Bulk storage of rubber tyres including shredded*

Waste type	Process(es)	Process limits and/or specifications
		and crumbed tyres. **Storage requirements (floc):** • Floc to be stored within a dedicated three walled bay; • Floc stockpile shall not exceed the height of the dedicated three walled bay; • No hot works to occur within 10m of floc stockpiles; and • Floc to be removed from site weekly. **Processing and storage requirements (car bodies):** • Car bodies must not be stacked more than 2 high; • Any processing of car bodies including the removal of residual liquids must occur on the hardstand area of the vehicle processing area as defined in Figure 2; and • Waste hydrocarbons, petrol and other chemicals to be contained in an impermeable container prior to disposal off site to an appropriately licensed facility. **Processing and storage requirements (residual liquid waste):** • Any residues from drums, cars or waste received at the premises to be collected and contained within an impervious sealed tank/container, in a manner that prevents mixing of incompatible wastes, prior to disposal off site to an appropriately licensed facility; and • Stormwater collected within the vehicle processing area sump must be removed by an appropriately licensed waste contractor prior to disposal off site to an appropriately licensed facility; and • Stormwater must only be used for dust suppression on hardstand areas that drain into Basin 1.
Scrap metal (ferrous and non-ferrous)	Oxy-cutting	• Oxy-cutting can only occur within the dedicated oxy-cutting area as defined in Figure 2; • Oxy-cutting must not occur within 10 m of any combustible material; • Prior to any oxy-cutting activities, the immediate area within the oxy-cutting area must be wetted down to reduce risk of ignition from sparks and/or molten metal; • Fire extinguisher(s) and fire fighting equipment must be on standby while oxy-cutting; and • Where practicable, the licence holder must remove all non-metal surface coatings

Waste type	Process(es)	Process limits and/or specifications
		(including but not limited to plastic, resin, paint, rubber, concrete, synthetic coatings) from the work surface of a scrap metal item prior to heating or cutting that item.
Used lead acid batteries	Storage	• Batteries to be stored within an undercover bunded hardstand area.

Emissions and discharges

10. The licence holder must ensure that operations at the premises only occur between the hours of 07:00 to 16:00, and on the days of Monday through to Friday and between the hours of 07:30 to 11:30 on Saturday.

11. The licence holder must ensure that no visible dust generated from the primary activities crosses the boundary of the premises.

12. The licence holder shall immediately recover, or remove and dispose of, spills of environmentally hazardous materials including fuel, oil, or other hydrocarbons, whether inside or outside an engineered containment system.

13. The licence holder shall ensure that all material used for the recovery, removal, and/or disposal of environmentally hazardous materials is stored in an impermeable container prior to disposal at an appropriately authorised facility.

14. The licence holder must take all reasonable and practicable measures to prevent stormwater run-off becoming contaminated by the activities and operations undertaken at the premises.

15. The licence holder must ensure that all reasonable and practicable measures are taken to ensure that no windblown waste escapes from the premises.

16. The licence holder must ensure that the emissions specified in Table 5, are discharged only from the corresponding discharge points and only at the corresponding discharge point locations.

Table 5: Authorised discharge points

Emission	Discharge point	Discharge point location
Treated stormwater	Byron Rd discharge point (within Basin 2)	As depicted in Schedule 1: Maps, Figure 4
	Basin 2 (infiltration to groundwater)	As depicted in Schedule 1: Maps, Figure 3

17. The licence holder must ensure that emissions from the discharge point listed in Table 6 for the corresponding parameter do not exceed the corresponding limit listed in Table 6, when monitored in accordance with condition 23.

Table 6: Emission and discharge limits

Discharge point	Parameter	Limit
Byron Rd discharge point (within Basin 2)	Total Recoverable Hydrocarbons	1 mg/L

Fire management

18. The licence holder must ensure that no waste is burnt on the premises.

19. The licence holder must immediately notify the CEO of:

(d) any fire on the premises; and/or

(e) any accident, malfunction, or emergency which results or could result in the discharge of fire-fighting washwater or other wastes from the premises

Monitoring

20. The licence holder must record the total amount of waste accepted onto the premises, for each waste type listed in Table 5, in the corresponding unit, and for each corresponding time period, as set out in Table 5.

Table 5: Waste accepted onto the premises

Waste type	Unit	Frequency
Scrap Metal (ferrous and non-ferrous)	Tonnes	Each load arriving at the premises

21. The licence holder must record the total amount of waste removed from the premises, for each waste type listed in Table 6, in the corresponding unit, and for each corresponding time period set out in Table 6.

Table 6: Waste removed from the premises

Waste type	Unit	Frequency
Recyclable scrap metal	Tonnes	Each load leaving the premises
Used lead acid batteries	Tonnes	Each load leaving the premises
Non-conforming waste types	Tonnes	Each load leaving, or rejected from, the premises

22. The licence holder must ensure that for all samples obtained in accordance with condition 23, analysis is undertaken by a holder of a current accreditation from the National Association of Testing Authorities (NATA) for the methods of sampling and analysis relevant to the corresponding parameters, unless otherwise specified.

23. The licence holder must monitor treated stormwater for concentrations of the identified parameter(s) in accordance with the requirements specified in Table 9.

Table 9: Stormwater monitoring

Monitoring location	Parameter	Units	Averaging period	Frequency	Method
Byron Rd discharge point (within Basin 1) as depicted in Schedule 1, Figure 4	pH[1]	-	Spot sample	Quarterly[2] for the first year of operation and six monthly[3] thereafter	Spot sample, in accordance with AS/NZS 5667.1 and AS/NZS 5667.10
	Electrical conductivity	µS/cm			
	TRH C_6-C_{10}	mg/L or µg/L			
	TRH C_{10}-C_{16}				
	TRH C_{16}-C_{34}				
	TRH C_{34}-C_{40}				
	Aluminium				
	Arsenic				
	Cadmium				
	Chromium (III)				
	Chromium (VI)				
	Copper				
	Manganese				
	Nickel				
	Lead				
	Zinc				
	Benzene, toluene, ethylbenzene and xylenes (BTEX)				
	Total Polycyclic Aromatic Hydrocarbons (PAH)				
	Naphthalene				
	Total Polychlorinated Biphenyls (PCB)				

Note 1: In-field non-NATA accredited sampling permitted

Note 2: Quarterly monitoring must be undertaken at least 45 days apart

Note 3: Six monthly monitoring must be undertaken at least 5 months apart

Records and reporting

24. The licence holder must record the following information in relation to complaints received by the licence 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 licence holder to investigate or respond to any complaint.

25. The licence holder must:

(a) undertake an audit of their compliance with the conditions of this licence during the preceding annual period; and

(b) prepare and submit to the CEO an Annual Audit Compliance Report in the approved form by no later than 31 March in each year.

26. The licence holder must:

(b) prepare an environmental report that provides information in accordance with the requirements set out in Table 7 for the preceding two annual periods, and

(c) submit that environmental report to the CEO by no later than 31 March 2024 and by 31 March in every second year thereafter.

Table 7: Environmental Report

Condition	Requirement
N/A	Summary of any failure or malfunction of any pollution control equipment and any environmental incidents (including fires) that have occurred during the annual period, and any action taken in response to the incident.
20, 21	Inputs and outputs data
7, 17	Summary of any limit exceeded
23	Stormwater monitoring data
24	Complaints summary

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

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

(b) the works conducted in accordance with condition 1 of this licence;

(c) any maintenance of infrastructure that is performed in the course of complying with condition 5 of this licence;

(d) monitoring programmes undertaken in accordance with conditions 20, 21 and 23 of this licence; and

(e) complaints received under condition 24 of this licence.

28. The books specified under condition 27 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 licence holder for the duration of the licence; and

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

Definitions

In this licence, the terms in Table 8 have the meanings defined.

Table 8: Definitions

Term	Definition
ACN	Australian Company Number
Annual Audit Compliance Report (AACR)	means a report submitted in a format approved by the CEO (relevant guidelines and templates may be available on the Department's website).
annual period	a 12 month period commencing from 1 January until 31 December of the immediately following year.
books	has the same meaning given to that term under the EP Act.
CEO	means Chief Executive Officer of the Department. "submit to / notify the CEO" (or similar), means either: Director General Department administering the *Environmental Protection Act 1986* Locked Bag 10 Joondalup DC WA 6919 or: info@dwer.wa.gov.au
Department	means the department established under section 35 of the *Public Sector Management Act 1994* (WA) and designated as responsible for the administration of the EP Act, which includes Part V Division 3.
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	*Environmental Protection Act 1986* (WA)
EP Regulations	*Environmental Protection Regulations 1987* (WA)
licence	refers to this document, which evidences the grant of a licence by the CEO under section 57 of the EP Act, subject to the specified conditions contained within.
licence holder	refers to the occupier of the premises, being the person specified on the front of the licence as the person to whom this licence has been granted.
premises	refers to 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 licence.
prescribed	has the same meaning given to that term under the EP Act.

Term	Definition
premises	
waste	has the same meaning given to that term under the EP Act.

END OF CONDITIONS

Schedule 1: Maps

Premises map

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

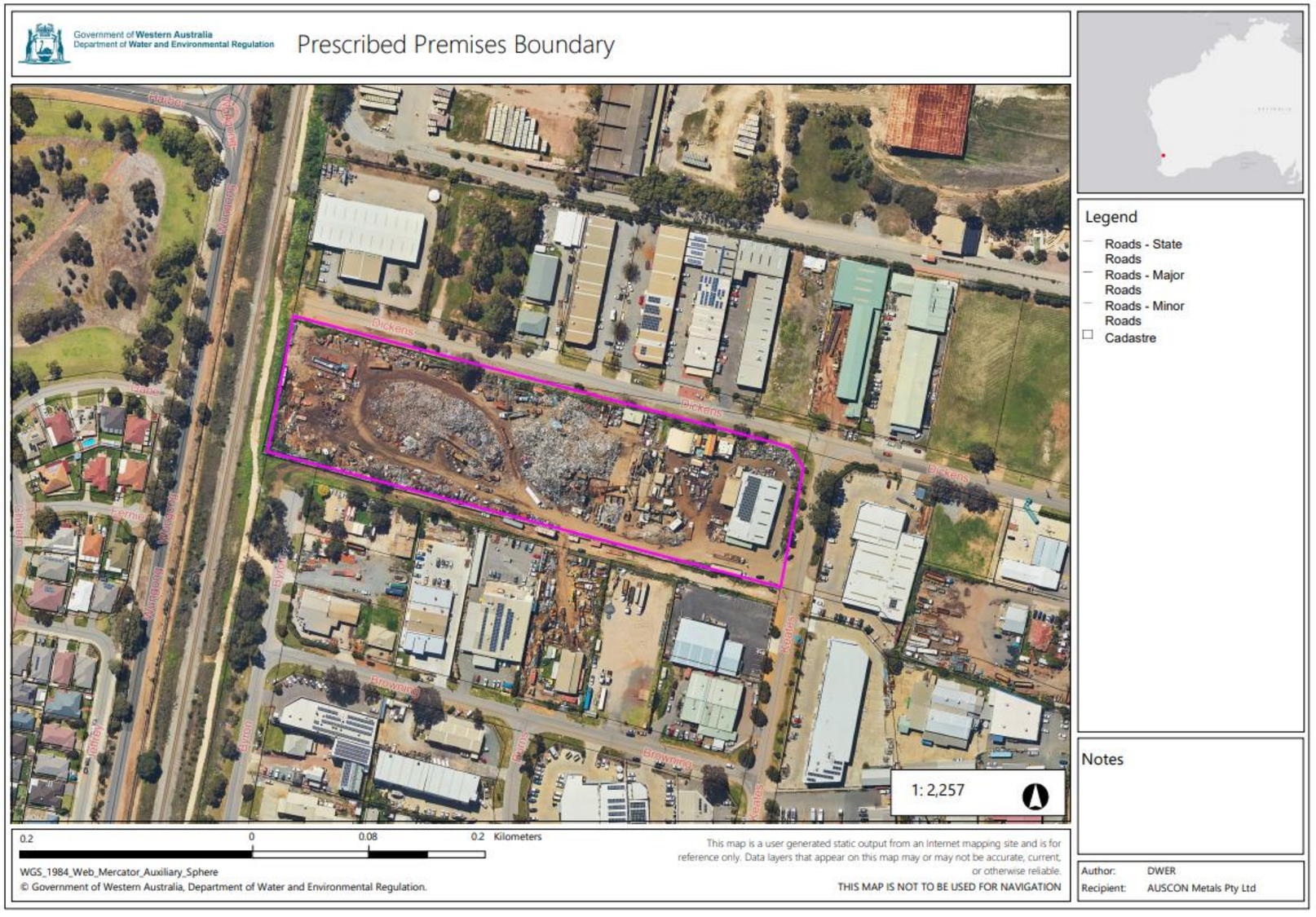


Figure 1: Map of the boundary of the prescribed premises

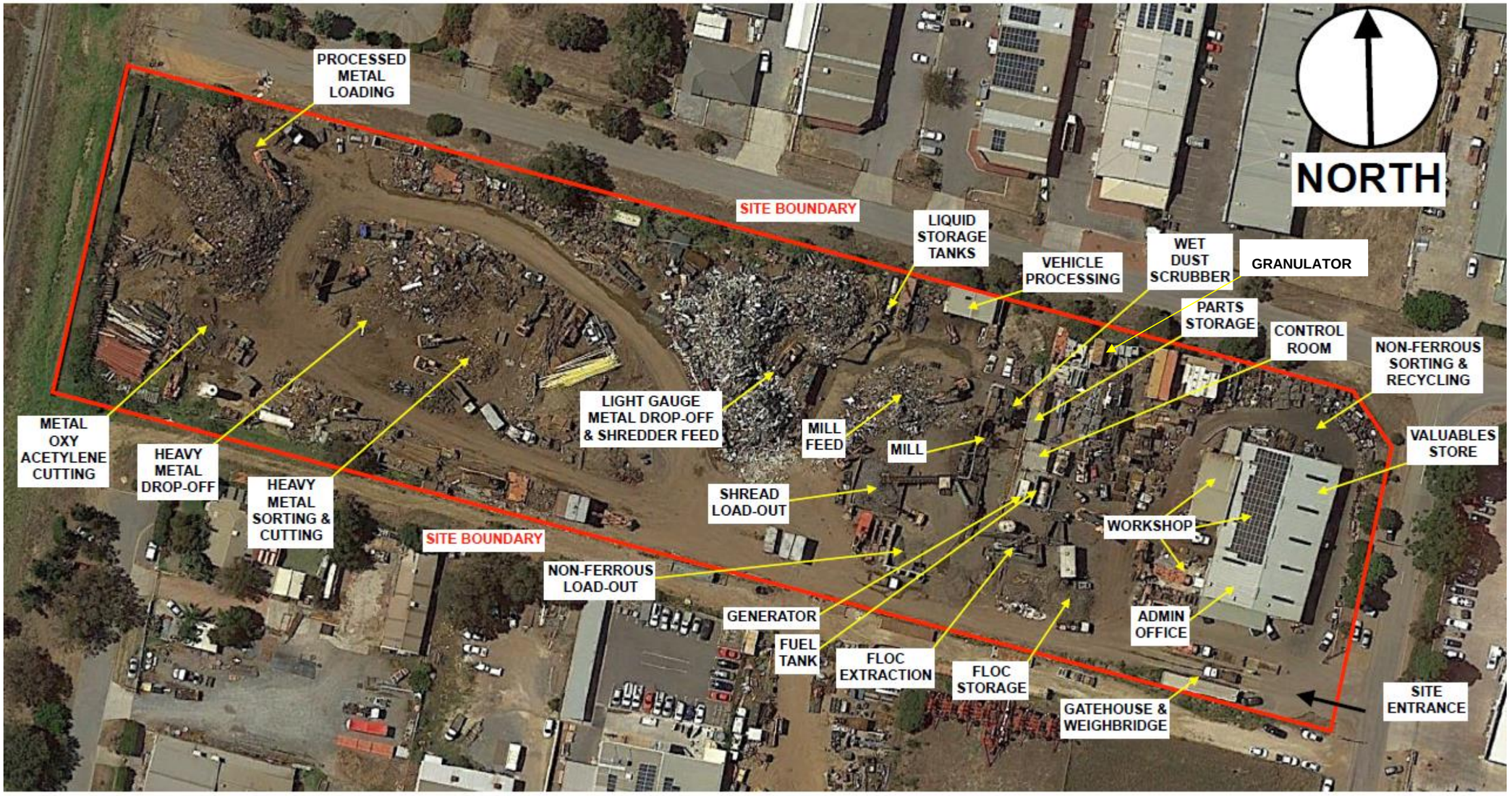


Figure 2: Site plan

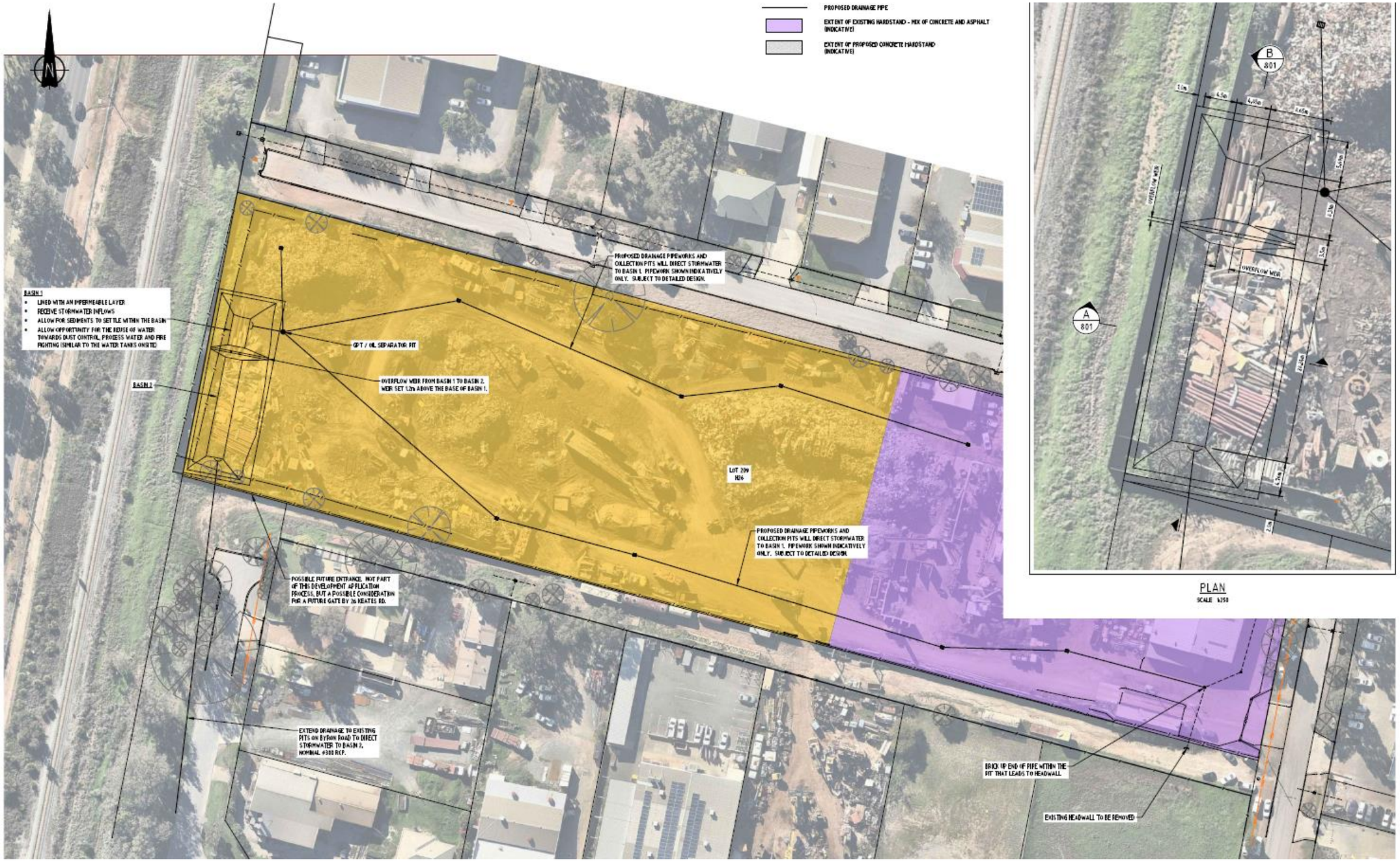
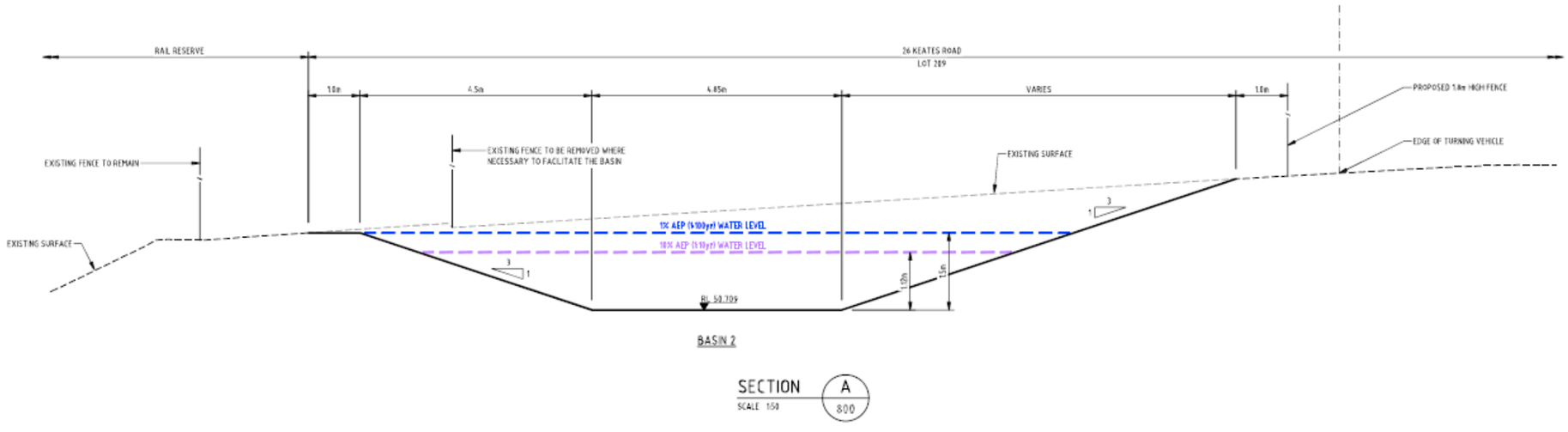


Figure 3: Proposed hardstand area and stormwater infrastructure



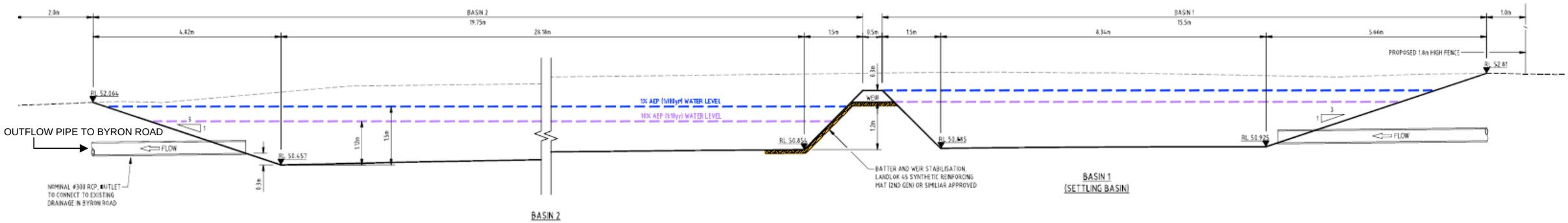


Figure 4: Construction specifications of Basin 1 and Basin 2