



Licence number	L9041/2017/1
Licence holder	Elan Energy Matrix Pty Ltd
ACN	611 714 580
Registered business address	Level 15, 125 St George's Terrace PERTH WA 6000
DWER file number	DER2017/000368-1
Duration	08/05/2017 to 07/05/2037
Date of amendment	9 August 2023
Premises details	Elan Energy Management 9 Fargo Way WELSHPOOL WA 6106 Legal description – Lot 60 on Deposited Plan 13025 Certificate of Title Volume 1549 Folio 111

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed production capacity
Category 57 – Used tyre storage (general): premises (other than premises within category 56) on which used tyres are stored.	Maximum of 10 000 whole used tyres and a maximum of 7 560 EPU shredded tyres, conveyor belts and rubber at any one time within the premises
Category 61A – Solid waste facility: premises (other than premises within category 67A) on which solid waste produced on other premises is stored, reprocessed, treated, or discharged onto land.	Up to 20 000 tonnes per year (tyre shredding)

This licence is granted to the licence holder, subject to the attached conditions, on 9 August 2023, by:

Marko Pasalich

A/MANAGER, WASTE INDUSTRIES

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

Instrument history

Date	Reference number	Summary of changes
19/04/2017	W5982/2016/1	Works Approval granted
11/05/2017	L9041/2017/1	Licence granted
16/05/2022	L9041/2017/1	Notice of Amendment of Reporting Requirements to remove the requirement to submit an Annual Environmental Report (AER)
27/09/2022	L9041/2017/1	Amendment to licence conditions after reconstruction works.
09/08/2023	L9041/2017/1	Amendment to allow storage of tyres in the existing Tyre Resource Recovery Facility (TRRF) building.

Interpretation

In this licence:

- (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 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;
- (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 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:

Waste acceptance and storage

1. 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 1.

Table 1: Waste acceptance criteria

Waste type	Quantity limit	Acceptance specification
Inert Waste Type 1 (Tyres)	Up to 20 000 tonnes per year (tyre shredding) Maximum of 10 000 whole used tyres and a maximum of 7 560 EPU shredded tyres, conveyor belts and rubber at any one time within the premises	Tyre must be whole and unburnt prior to acceptance.

2. The licence holder must only store whole tyres in the Tyre Storage and Shredding building and Tyre Resource Recovery Facility (TRRF) building in the following manner:
 - (a) individual tyre stacks do not exceed:
 - (i) 30 square metres (30m²) in area; and
 - (ii) 3.7 metres in height;
 - (b) tyre stacks must remain at least 1m clear from the underside of the building's roof or ceiling, roof structural members and lights;
 - (c) tyre stacks must have a minimum clearance of 3 metres around the stockpiles, clear of any obstacle or other combustible material.

Infrastructure and equipment

3. The licence holder must ensure that the infrastructure and equipment listed in Table 2 is operated and maintained in accordance with the corresponding operational requirements set out in Table 2.

Table 2: Infrastructure and equipment operational and processing requirements

Site infrastructure and equipment	Operational and processing requirements	Location
Tyre Storage and Shredding Building	<ul style="list-style-type: none"> Concrete floor to be free of leaks and defects; and Maintained to ensure a permeability of $\leq 1 \times 10^{-9}$ m/s. 	Marked as “Building 1” on the Premises Layout Plan in Schedule 1, Figure 2.
Tyre Resource Recovery Facility (TRRF) Building		Marked as “TRRF Building” on the Premises layout plan in Schedule 1, Figure 2.
Tyre receival bins	N/A	<p>Located within the Tyre Storage and Shredding Building</p> <p>Marked as “Tyre receival bins” on the Premises Layout Plan in Schedule 1, Figure 2.</p>
Tyre shredder	<ul style="list-style-type: none"> To be operated only within the Tyre Storage and Shredding Building 	Marked as “Shredder” on the Premises Layout Plan in Schedule 1, Figure 2.
Shredded tyre containers	<ul style="list-style-type: none"> To be enclosed 	Marked as “Export containers” on the Premises Layout Plan in Schedule 1, Figure 2.
External yard area	<ul style="list-style-type: none"> Concrete floor to be free of leaks and defects; and Maintained to ensure a permeability of $\leq 1 \times 10^{-9}$ m/s. 	N/A
Stormwater management system-	<ul style="list-style-type: none"> Regularly serviced and maintained in good operational condition at all times; Maintained to ensure a capacity to contain at least 162,000 L of firewater in the event of a fire; Maintain the stormwater drainage system to be free of leaks and defects including but not limited to manholes, drains and pipelines; and Maintain the shut-off valve located on the final stormwater discharge point from the final drain to ensure it is capable of preventing the discharge of contaminated water from the premises in the event of a fire. 	As detailed in the Stormwater management plan in Schedule 1, Figure 3.

Site infrastructure and equipment	Operational and processing requirements	Location
Fire and emergency management equipment and infrastructure	<ul style="list-style-type: none"> Regularly serviced and maintained in good operational condition at all times. 	As detailed in the Fire and emergency management plan in Schedule 1, Figure 4

Note 1: Additional requirements for the Site containment of Environmental Contaminants are set out in the DFES Guideline for Bulk Storage of Rubber Tyres Including Shredded and Crumbed Tyres

Monitoring

4. The licence holder must monitor and record the volumes (m³ and calculated tonnes) and types of each load of incoming and outgoing waste at the Premises.

Records and reporting

5. 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.
6. 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 by no later than 90 days after the end of that annual period an Annual Audit Compliance Report in the approved form.
7. The licence holder must notify the CEO as soon as practicable of a fire occurring at the premises.
8. 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) any maintenance of infrastructure that is performed in the course of complying with condition 3 of this licence;
 - (c) monitoring programmes undertaken in accordance with condition 4 of this licence; and
 - (d) complaints received under condition 5 of this licence; and
 - (e) any fires occurring at the premises, as notified under condition 7 of this licence.

- 9.** The books specified under condition 8 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 3 have the meanings defined.

Table 3: 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 July until 30 June 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: <div style="margin-left: 40px;"> Director General Department administering the <i>Environmental Protection Act 1986</i> Locked Bag 10 Joondalup DC WA 6919 </div> or: info@dwer.wa.gov.au
condition	a condition to which the licence is subject under section 62 of the <i>Environmental Protection Act 1986</i> .
Department	means the department established under section 35 of the <i>Public Sector Management Act 1994</i> (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	<i>Environmental Protection Act 1986</i> (WA)
EP Regulations	<i>Environmental Protection Regulations 1987</i> (WA)
EPU	means Equivalent Passenger Unit: <ul style="list-style-type: none"> • an EPU is a standardised measure for the quantity of end-of-life tyres; • one EPU contains as much rubber and other materials as a 'typical' passenger tyre; and • the assumed weight of one new EPU is taken to be 9.5 kilograms and one used EPU is taken to be 8 kilograms.

Term	Definition
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.
m ³	means cubic metres
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 premises	has the same meaning given to that term under the EP Act.
Tyre Storage and Shredding Building	means building 1 shown in Schedule 1 Premises layout plan
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

[L9041/2017/1\(Amended 09/08/2023\)](#)

IR-T06 Licence template (v7.0) (February 2020)

Premises layout

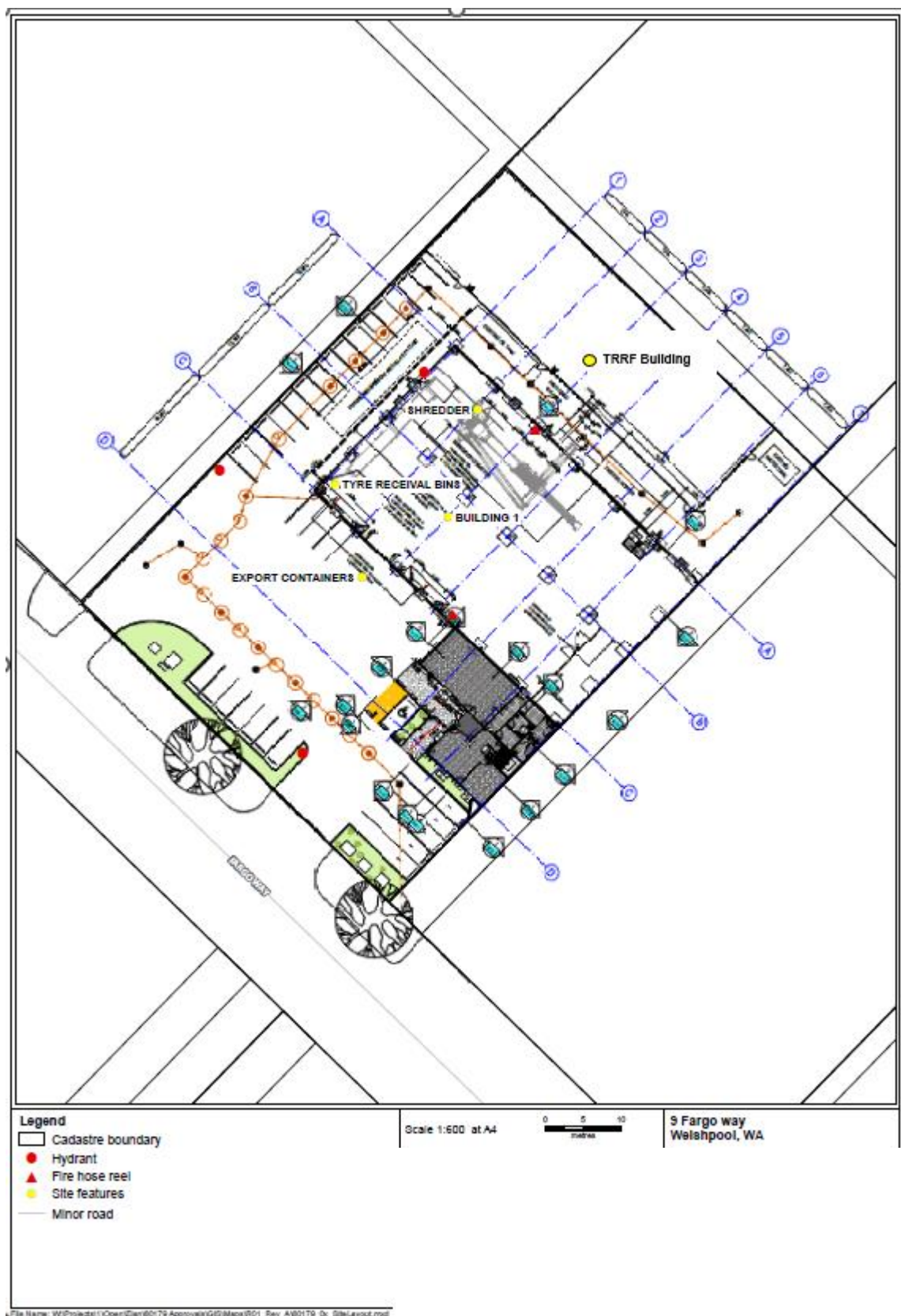


Figure 2: Premises layout

L9041/2017/1(Amended 09/08/2023)

IR-T06 Licence template (v7.0) (February 2020)

Stormwater drainage plan

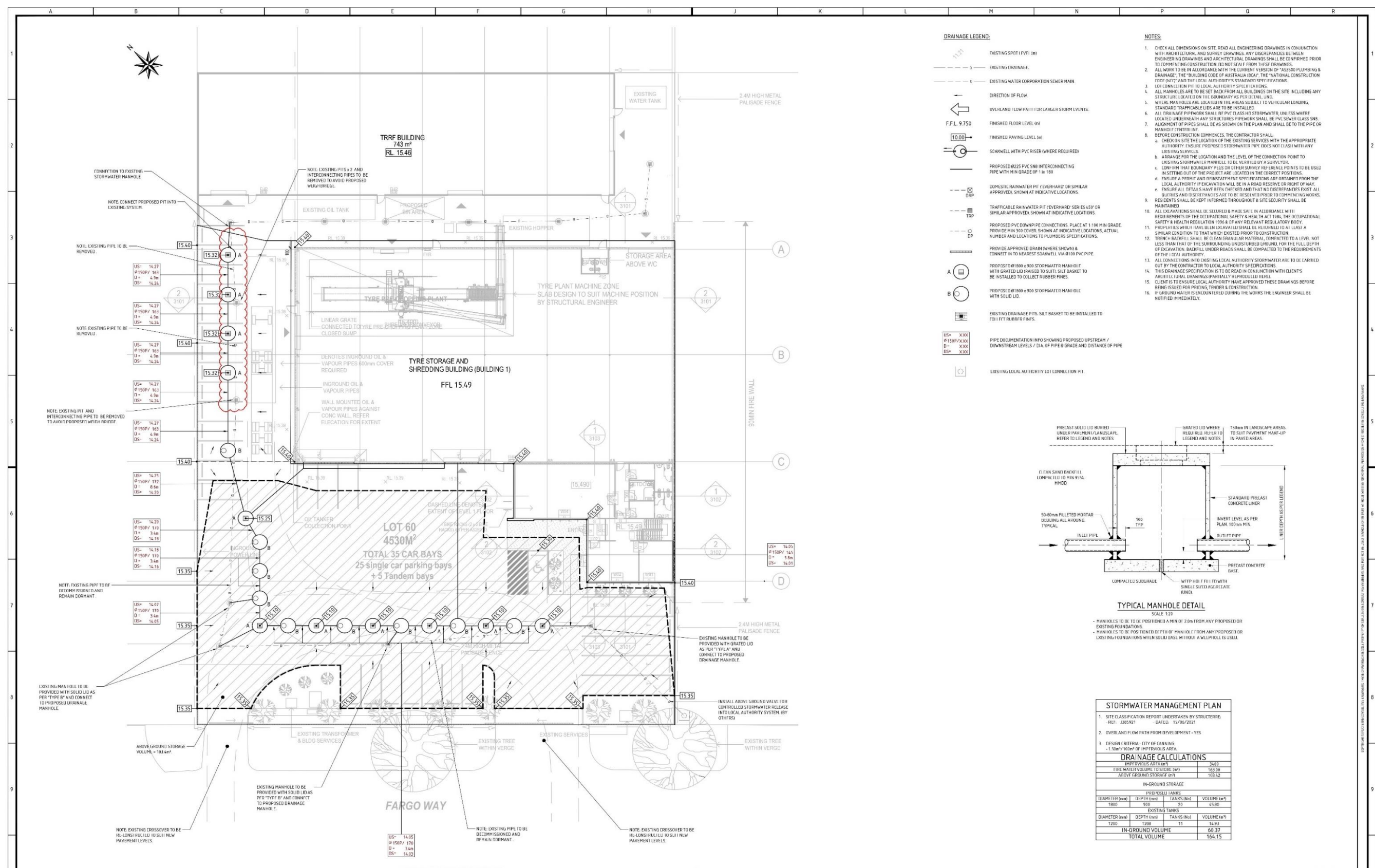


Figure 3: Stormwater drainage plan

L9041/2017/1(Amended 09/08/2023)

IR-T06 Licence template (v7.0) (February 2020)

Fire and emergency management plan

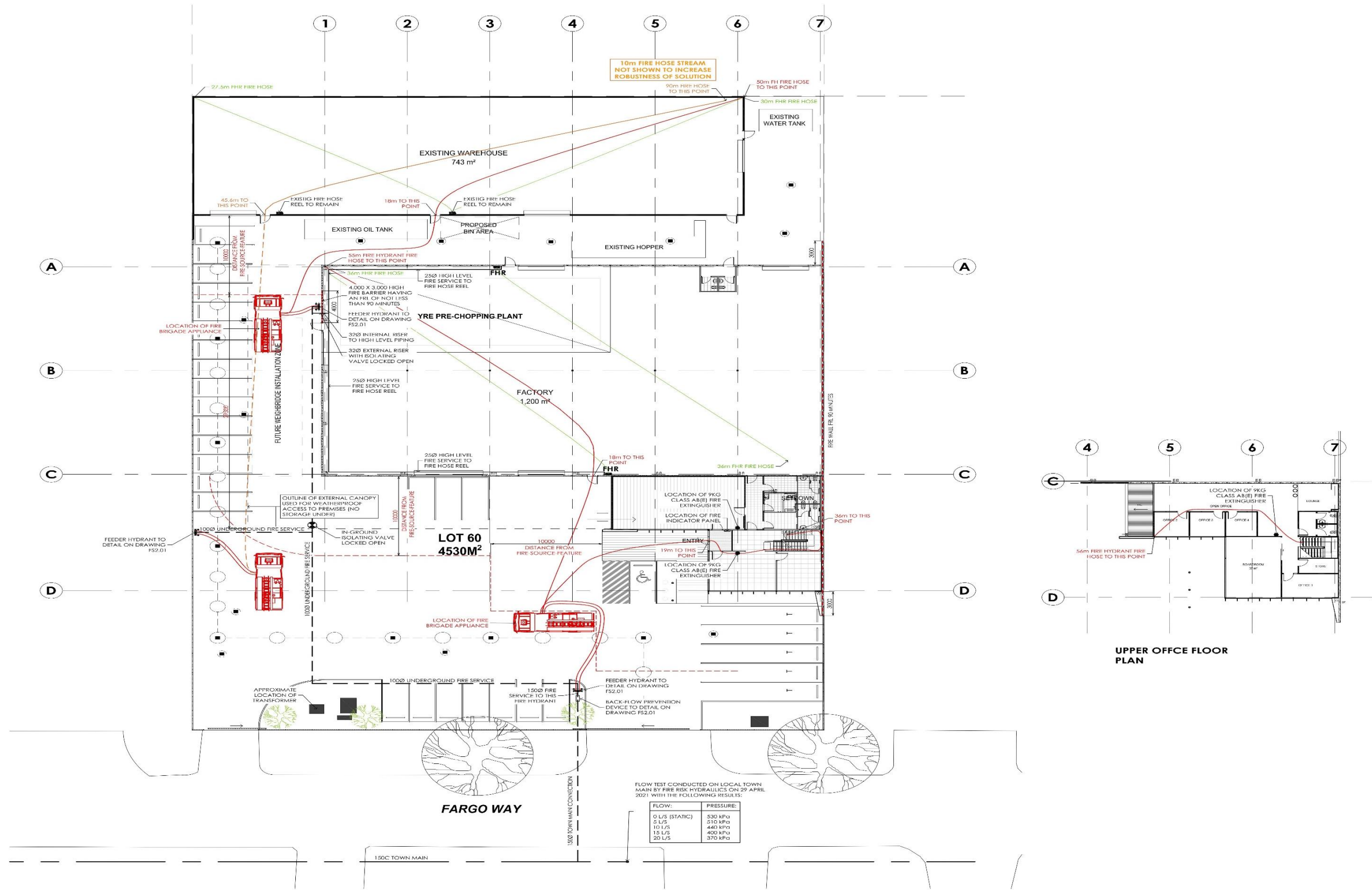


Figure 4: Fire and emergency management plan