



**Works approval number** W6422/2020/1

**Works approval holder** Forbes Industries (WA) Pty Ltd  
**ACN** 88 363 142

**Registered business address** 52 Gibberd Place  
BULLSBROOK WA 6084

**DWER file number** DER2020/000273

**Duration** 13/11/2020 to 12/11/2023

**Date of issue** 13/11/2020

**Premises details** Custom Engineering  
60 Irvine Drive  
MALAGA WA 6090  
Legal description  
Lot 119 on Deposited Plan 16231  
As defined by the Premises map in Schedule 1

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i> )	Assessed production capacity
Category 48: Metal finishing: premises on which metals are chemically cleaned or metals, plastics or metal or plastic products are plated, electroplated, anodized, coloured or otherwise coated or finished.	100 tonnes per year

This works approval is granted to the works approval holder, subject to the attached conditions, on 13/11/2020, by:

## MANAGER PROCESS INDUSTRIES

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

## 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

### Infrastructure and equipment

1. The works approval holder must:
  - (a) construct and install the infrastructure and equipment;
  - (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, construction and installation requirements**

	Infrastructure	Design, construction and installation requirements	Infrastructure location
1.	20 kL steel chrome plating tank	<ul style="list-style-type: none"><li>• The tank will comply with the requirements of AS1692.</li><li>• The tank and associated pipework will be located within the concrete containment bund (containment sump).</li></ul>	Proposed chrome plating tank in Schedule 1, Figure 2
2.	20 kL steel washdown tank	<ul style="list-style-type: none"><li>• The tank will comply with the requirements of AS1692</li><li>• The tank will be located inside the concrete containment bund (containment sump).</li></ul>	Proposed washdown tank in Schedule 1, Figure 2
3.	Concrete containment bund (containment sump)	<ul style="list-style-type: none"><li>• The bund will comply with the requirements of AS3780.</li><li>• The bund floor will be sloped.</li><li>• The bund floor and walls will be lined or coated with acid resistant surface protection.</li></ul>	Proposed containment sump in Schedule 1, Figure 2

### Compliance reporting

2. The works approval holder must within 30 calendar days of all items 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) as constructed plans and a detailed site plan for each item of infrastructure or component of infrastructure specified in condition 1 ;
  - (b) certification by a qualified professional engineer that the steel chrome plating tank, steel washdown tank and concrete containment bund have been constructed in accordance with the corresponding requirements 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

### Commencement and duration

4. The Works Approval Holder may only commence time limited operations for an item of infrastructure identified in condition 6 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*,
 whichever occurs first.

### Time limited operations infrastructure and equipment

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 operational requirements set out in Table 2.

**Table 2: Controls during the Limited Operation Phase**

Infrastructure or Equipment	Operational Requirements	Infrastructure location
Steel chrome plating tank and steel washdown tank	<ul style="list-style-type: none"> <li>Concrete containment bund is maintained to prevent leaks;</li> <li>Immediately recover and dispose of spills of process chemicals and solutions within and outside the concrete containment bund; and</li> <li>Use a non perfluorooctane sulphonate fume suppressant in plating tanks at all times when chrome plating is being undertaken.</li> <li>Acid wastes and sludges are removed from the premises</li> </ul>	Proposed chrome plating tank, washdown tank and containment sump as shown in Schedule 1, Figure 2

7. During time limited operations, the works approval holder must ensure that no more than 20 kL of chromic acid is stored on the premises at any one time.

### 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:
- (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.
9. 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 works conducted in accordance with condition 1 of this works approval;
  - (b) any maintenance of infrastructure that is performed in the course of complying with condition 6 of this works approval;
  - (c) complaints received under condition 8 of this works approval.
10. The books specified under condition 9 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 3 have the meanings defined.

**Table 3: Definitions**

Term	Definition
AS 1692	means <i>Australian Standard AS 1692-2006 Steel tanks for flammable and combustible liquids</i> .
AS 3780	means <i>Australian Standard AS 3780-2008 Storage and handling of corrosive liquids</i> .
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 <a href="mailto:info@dwer.wa.gov.au">info@dwer.wa.gov.au</a>
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.
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	<i>Environmental Protection Act 1986</i> (WA).
EP Regulations	Environmental Protection Regulations 1987 (WA).
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.
Qualified professional engineer	means a person who holds a tertiary academic qualification in engineering and has a minimum of three years of experience working in the area of civil engineering or the inspection of tanks, vessels or other containment infrastructure.
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	means 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.

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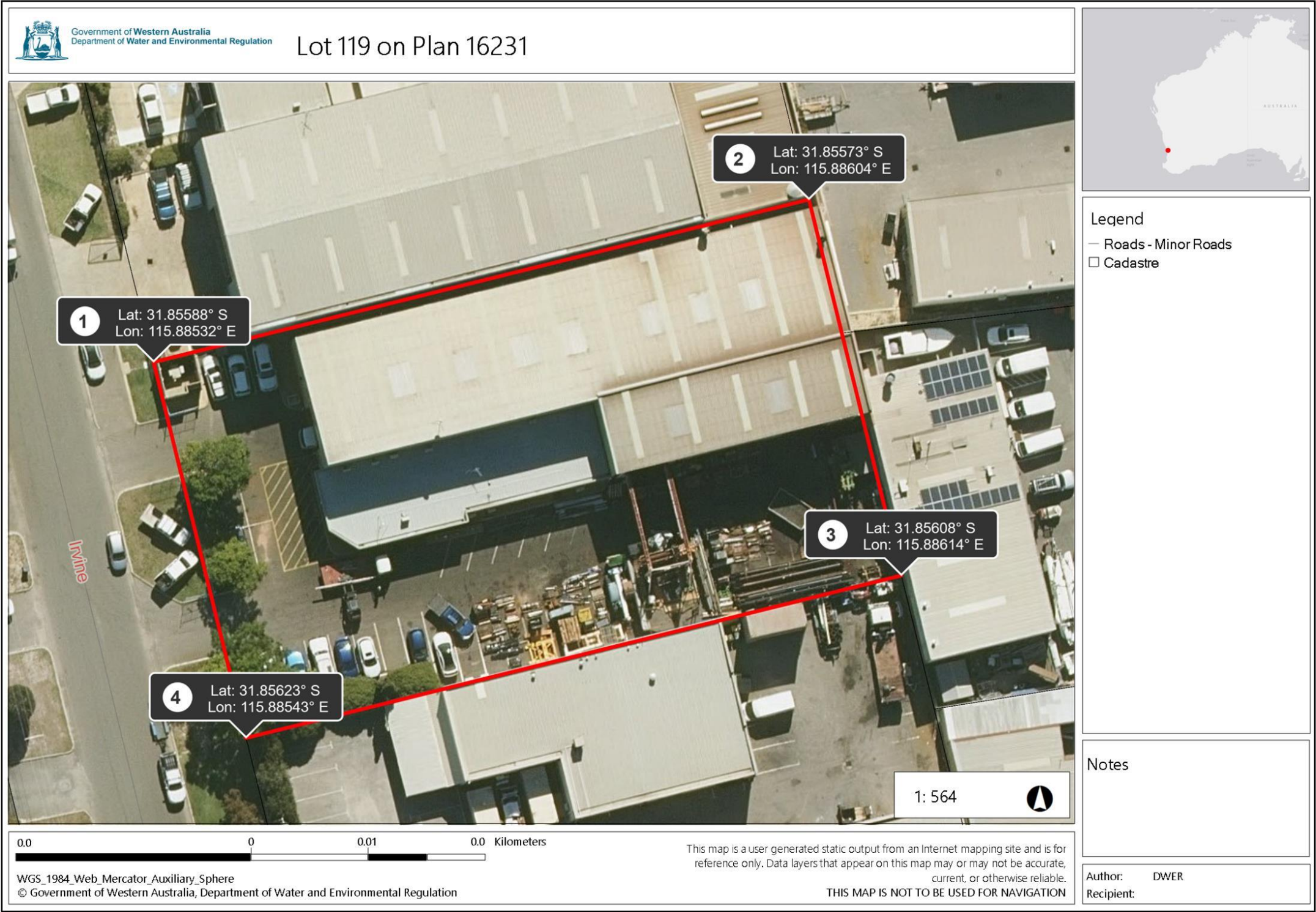
## END OF CONDITIONS



Schedule 1: Maps

Premises map

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



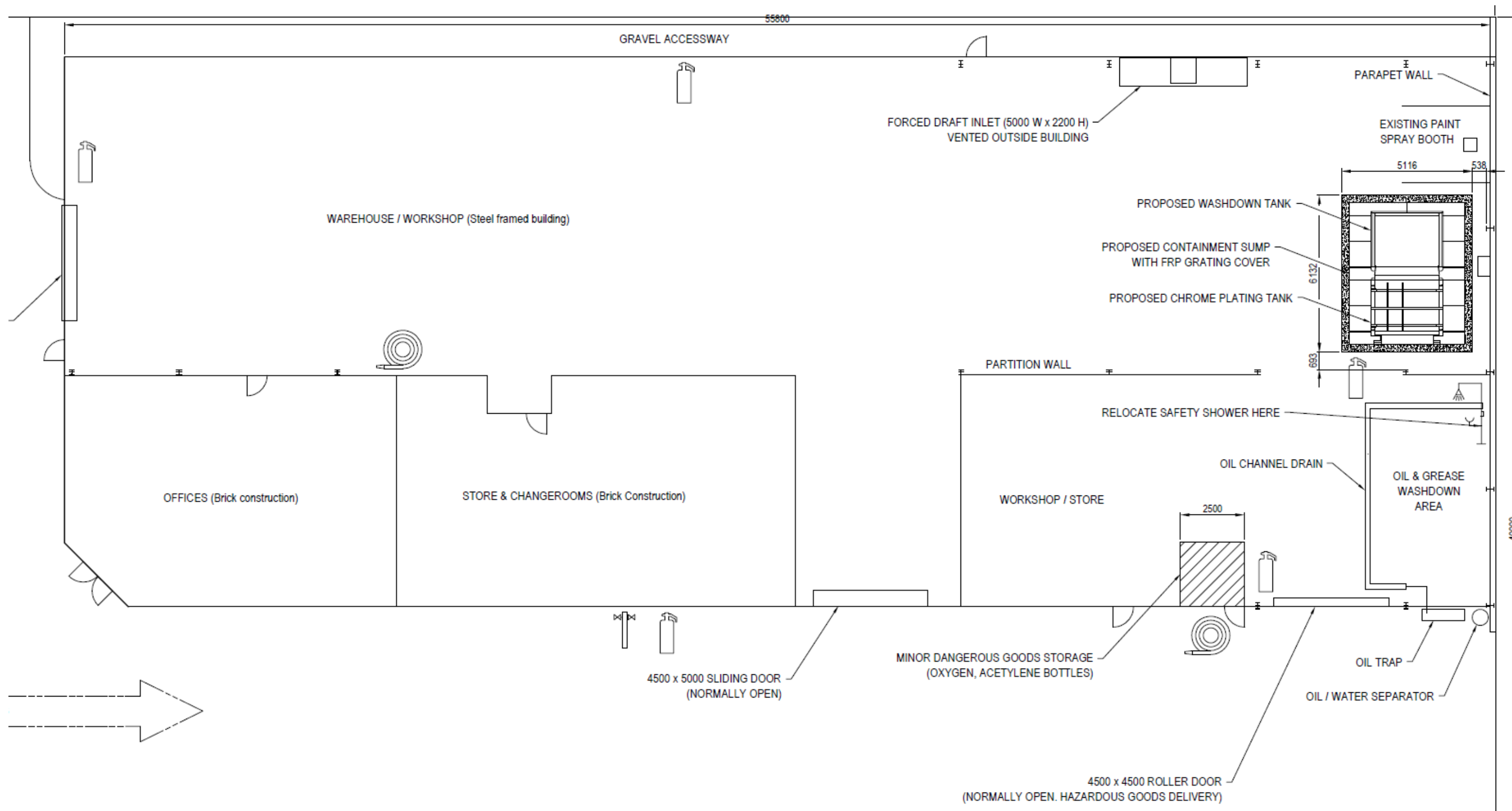
0.00 0 0.01 0.0 Kilometers

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This map is a user generated static output from an Internet mapping site and is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable.

THIS MAP IS NOT TO BE USED FOR NAVIGATION

Figure 1: Map of the boundary of the prescribed premises



**Figure 2: Premises Layout**