

Soil and Water Management Plan

Lot 2 in DP1022771

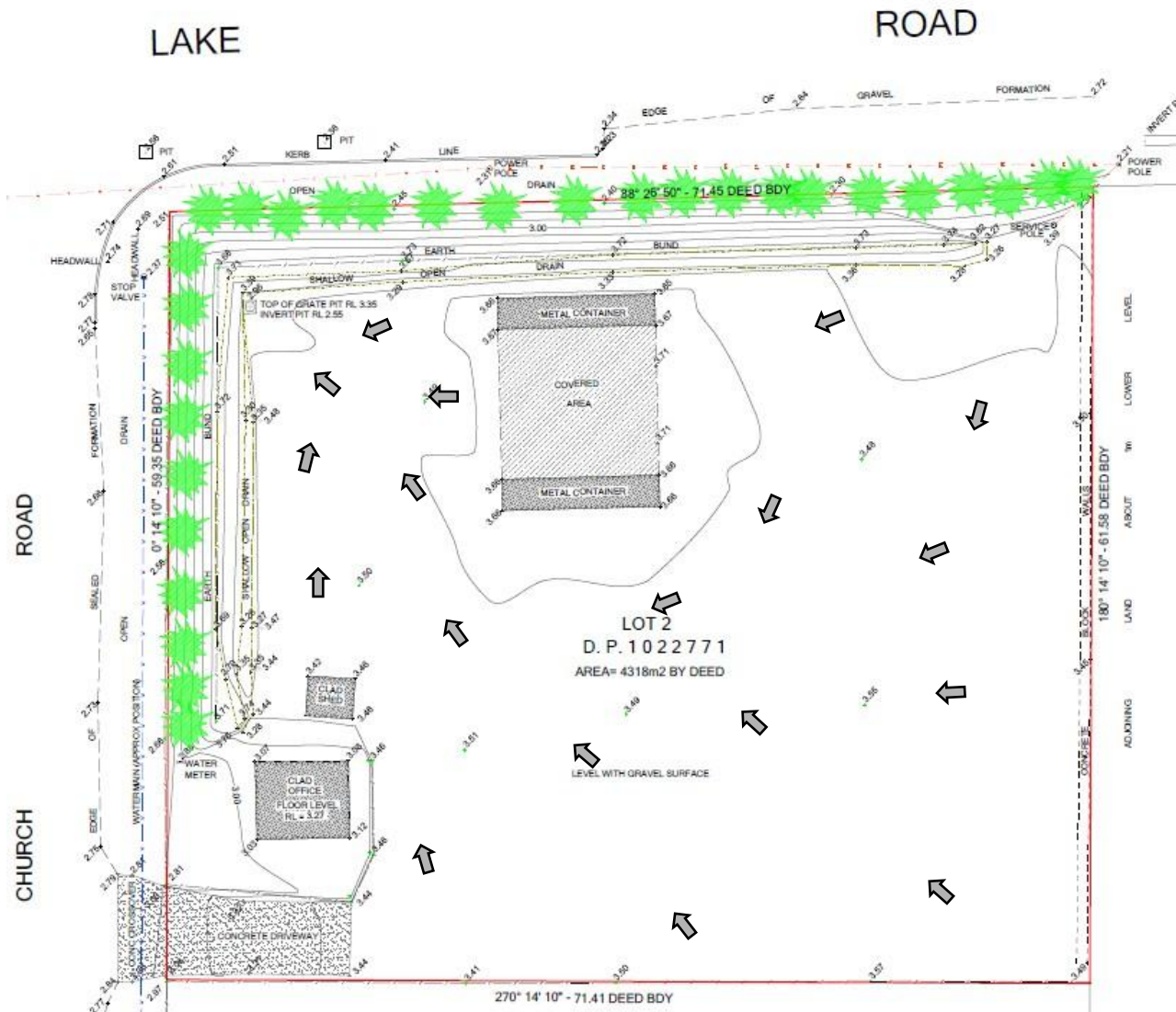
63-69 Lake Road Tuggerah NSW 2259

Dumpers Handybin

Sheet	Title
1	Site Plan Showing Existing Conditions and Detailed Ground Survey
2	Stormwater Control Elements and Specifications
3	Container Shelter Specifications – North and West Sections
4	Standard Drawings 1 - 4
5	Standard Drawing 5
6	Unexpected Finds Protocol
Appendix A	Unexpected Finds Record Form

17th August 2025

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Detailed Ground Survey – Bissett & Wright (2024)

↖ Overland (hardstand) Flow Direction

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63-69 Lake Road Tuggerah

Site Plan Showing Existing Conditions and Detailed Ground Survey

Ver. A 12.8.25 LLC
Ver. B 14.8.25 LLC

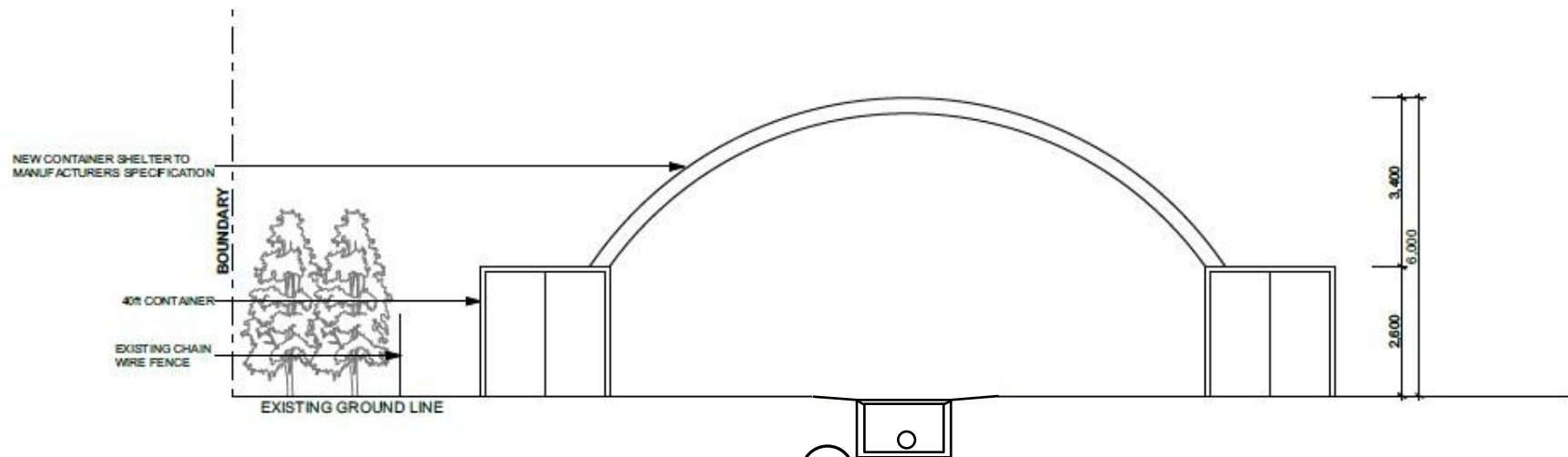


Scale: As shown

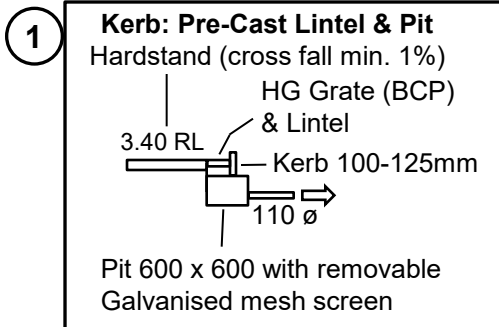
Sheet 1



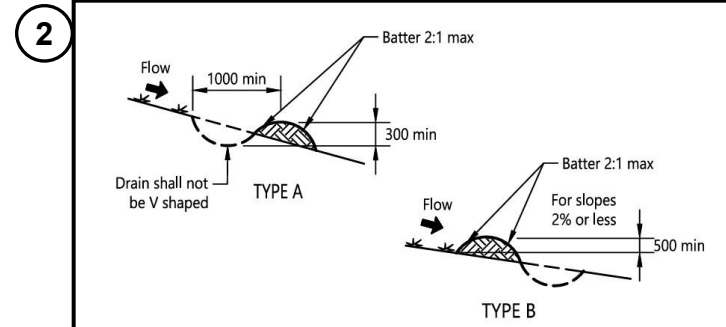
ELEVATION NORTH



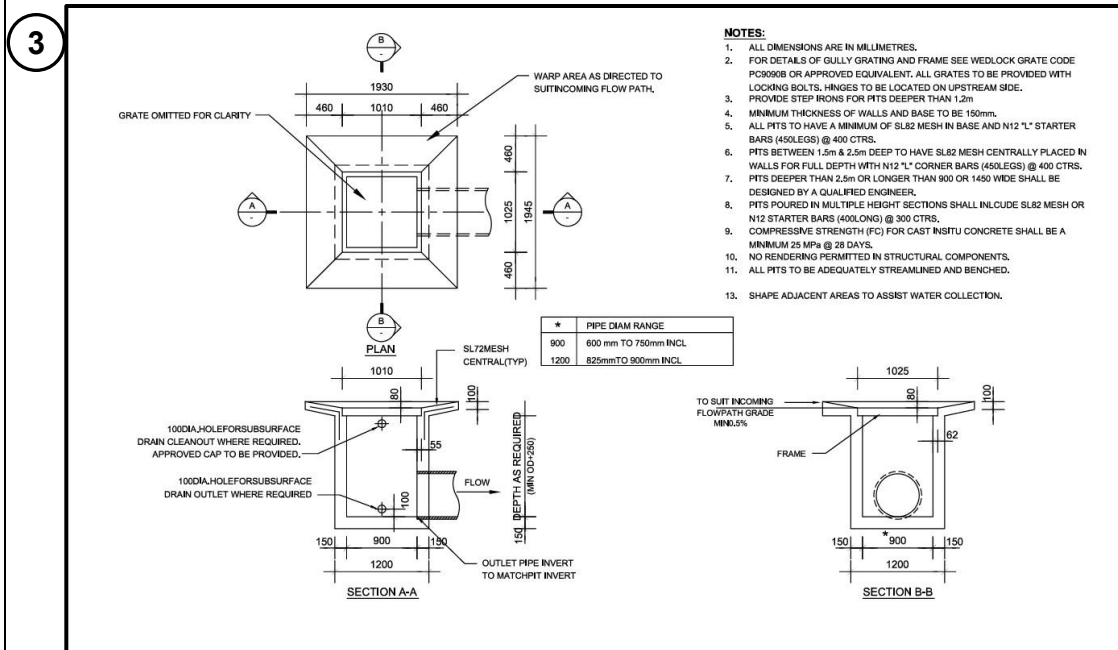
ELEVATION WEST



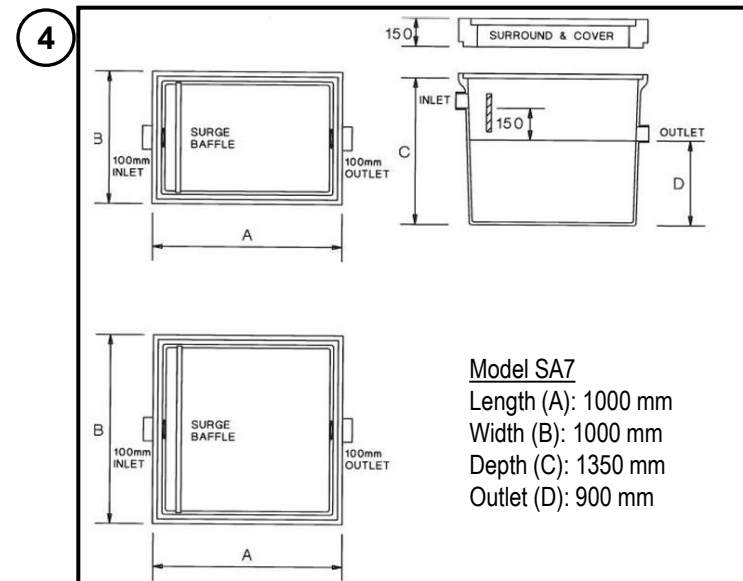
SD: Pre-Cast Lintel & Pit



SD: Low Flow Diversion Drain / Bunded



SD: Flush Grated Surface Inlet Pit - Depressed



SD: Silt Arrestor (Mascot Engineering)

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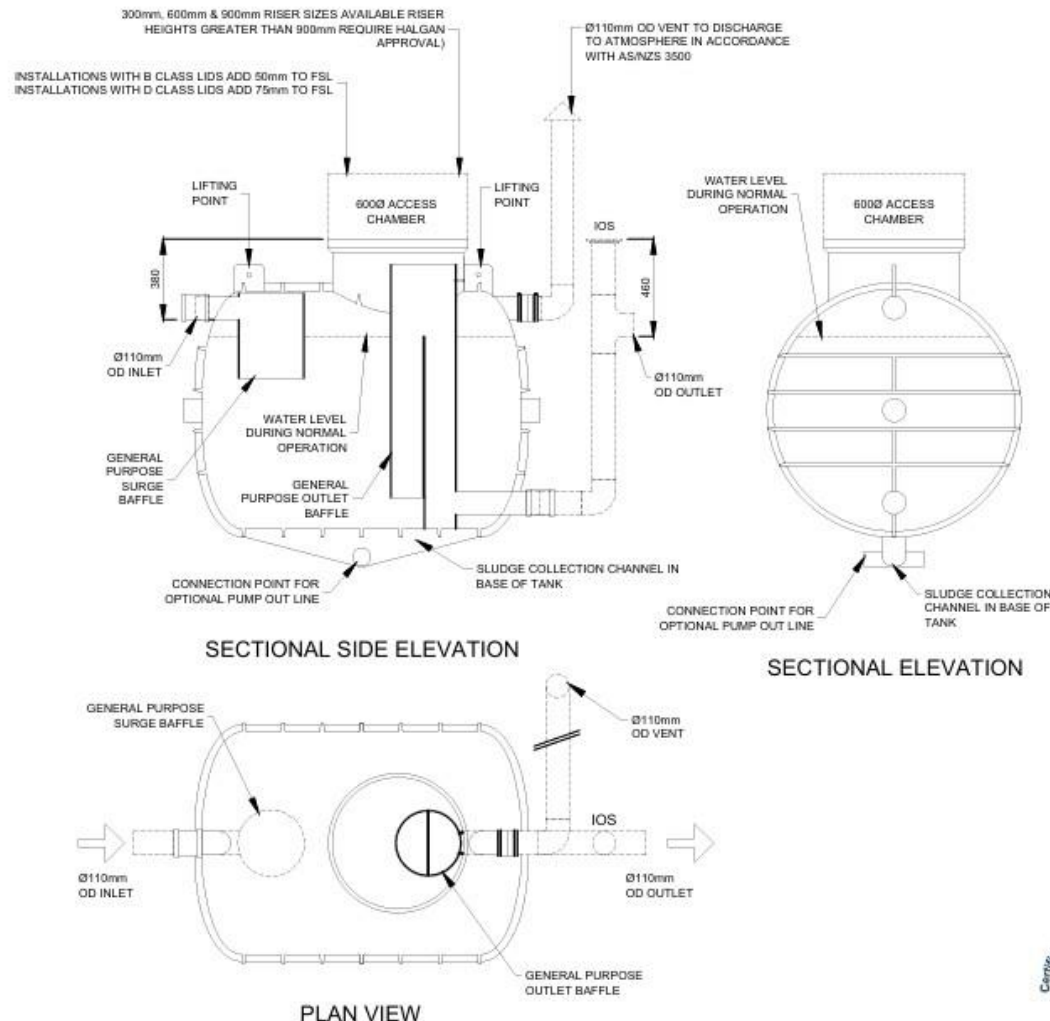
HALGAN™ HGPPS 1000 GENERAL PURPOSE PIT DETAIL

Notes

1. General
- 1.1. Vessel constructed from Polyethylene.
- 1.2. The vessel is to be installed in a location that will not cause a nuisance, obstruct fire access, cannot be vandalised or be damaged by vehicles.
- 1.3. The vessel must have ease of access to pump out point for maintenance.
- 1.4. A hose tap fitted with RPZD backflow protection (as per AS/NZS 3500) should be installed within 5 metres for maintenance and cleaning.
- 1.5. Non-standard installations require Halgan approval.
2. Installation above ground- 1000 - 5000litre only
- 2.1. The vessel is to be supported on a 100mm thick concrete pad or structural floor slab.
- 2.2. A stand is available for 5 Series models if required.
- 2.3. Any maintenance platform must be installed in accordance with Australian Standard AS1657 allowing safe access while inspecting, maintaining and servicing.
- 2.4. All pipes connecting to the vessel shall be fully supported; there shall be no stress on the tank connections.
- 2.5. All stormwater must be diverted away from the vessel to prevent undermining of foundation.
3. Installation below ground
- 3.1. All connections to the vessel shall be in accordance with the appropriate authorities.
- 3.2. Any excavation exceeding 1.5 metres in depth shall comply with the construction safety acts and regulations before backfilling.
- 3.3. Riser heights greater than 900mm require Halgan approval.
4. Excavation dimensions
- 4.1. The excavated hole width shall be kept as narrow as practicable. The depth shall not be greater than 150mm more than the required depth.
- 4.2. 75mm clearance is required at the sides of tank.
5. Over excavation
- 5.1. Where an excavation has been made deeper than required, the excess depth shall be filled either with 4:1 sand cement compacted to achieve 98% compaction or concrete.
6. Bedding/Backfill
- 6.1. The bedding/backfill material shall be Blue Metal granular material between 6-10mm diameter.
- 6.2. The bedding/backfill shall be minimum 75mm thick.
- 6.3. The bedding/backfill material shall encase the whole tank.
7. Water Charged Ground
- 7.1. Installation in areas subject to flooding & groundwater is only permitted when the level of water does not exceed the height of the middle of the tank.
- 7.2. In areas of heavy, clay-like soils, the installation is only permitted when there is sufficient drainage underneath the body of the tank.
- 7.3. Where installation is in high water table or water charged ground, mine subsidence, filled or unstable areas, the services of a qualified structural engineer is required for certification.
8. Final Backfill
- 8.1. The final backfill material shall comply with the following:
- 8.2. Spoil from the excavation of the trench may be used.
- 8.3. Foreign material such as builder's waste, bricks, and concrete shall not be used.
- 8.4. The backfill shall be compacted to restore the excavated hole as near as practicable to the normal ground.

HALGAN™ HGPPS 1000 GENERAL PURPOSE PIT DIMENSIONS
DIMENSIONS DO NOT INCLUDE PIPEWORK OR ACCESS LIDS

MODEL	HEIGHT	WIDTH	LENGTH	VOLUME	WEIGHT
HGPPS 1000	1550mm	1130mm	1700mm	1000L	95KG



UNEXPECTED FINDS PROTOCOL

Statement

Dumpers Handybin **permits** collection of dry building waste and materials but, by company policy **prohibits** collection of asbestos, ACM, chemicals, hydrocarbons, gas bottles and batteries. Bins are inspected prior to collection and the contents initially verified. Materials are ultimately revealed in the processing facilities.

Objective

The **objective** of the Unexpected Finds Protocol (UFP) is to outline the steps to be followed if hazardous materials are unexpectedly delivered to the Site. Should hazardous materials be identified, this protocol will be enacted. The UFP also aims to inform personnel about the possibility of unexpectedly encountering Hazardous materials or contamination. It aims to offer insights into anticipated scenarios and offer guidance on handling unexpected discoveries, along with appropriate control measures.

- Given it is not possible to cover every conceivable type of unexpected find in the awareness induction, a precautionary approach should be adopted for all unexpected finds, and the protocol outlined in the subsequent section should be activated accordingly.
- In the context of this protocol, an Unexpected Find refers to the identification of potential contamination that was not previously recognised at the Site or is not addressed by another procedure.
- Examples of unexpected finds include, but necessarily restricted to asbestos, asbestos containing materials (ACM) (flat and corrugated sheeting, pipes, lagging, brake pads), oil drums, gas cylinders, paints, lead, chemicals, batteries and hydrocarbon compounds. The list above is a summary/overview only and should not be relied on to accurately identify hazardous materials. In order to comply with the Work Health and Safety Regulations 2017 any action taken to control ACM in the place of work, or in plant at the place of work, is to be recorded in the Asbestos Control Log attached in **Appendix A**.

Unexpected Finds Procedure

Note: *This procedure should be read in conjunction with the Operational Plan for the facility.*

- **Stop Work:** Stop work and immediately inform the Site Supervisor.
- **Assess the potential risk to human health** posed by the unexpected find and assess if evacuation or emergency services need to be contacted.
- If evacuation or emergency services is required, immediately move to a designated assembly point and contact emergency services.
- If the assessment concludes that evacuation or emergency services are not required, ensure that workers involved with any removal have suitable PPE including overalls, gloves, eye protection and ventilator.
- **Identify the hazardous material or items and carefully transfer same to the designated, segregated and labelled temporary storage bins which are then to be moved to the hazardous materials concrete pad on the southern boundary. The locations of the bins are shown in Sheet 2.**
- **Special note for ACM: Any asbestos or ACM must be temporarily stored in the designated and labelled covered storage bin/s located on the western end of the southern bins and removed off site in good time to a licensed asbestos receiving facility.**
- **Record presence of any asbestos of ACM in the Asbestos Control Log attached in Appendix A**

Appendix A

To comply with the Code of Practice How to Manage and Control Asbestos in the Workplace (2019) all actions taken to control asbestos and ACM are to be recorded in the table below. It is recommended that similar details also be recorded for any other asbestos materials identified.