



## 3000L SEPTIC TANK INSTALLATION INSTRUCTIONS

Design and Testing Certification to AS 1546.1.2008

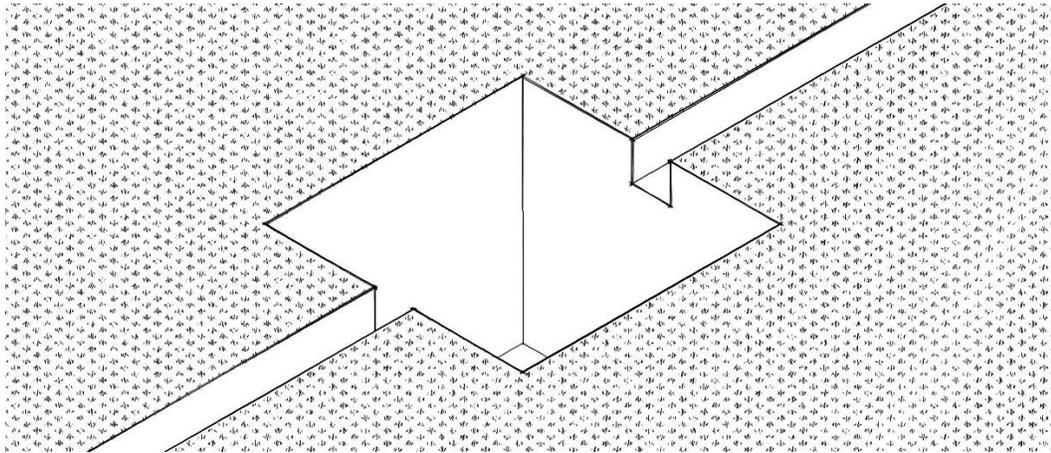
### 1. Excavate Hole

Tank location site should be chosen to ensure that no surface water or stormwater collects in the area. The depth of hole needs to allow for the size of the tank and a layer of bedding sand. The distance of fall from the residence also needs to be considered.

Finished hole must not contain any foreign or vegetative matter.

Place a layer of clean bedding sand in the bottom of the hole and compact to 50mm thickness. Sand surface must be level.

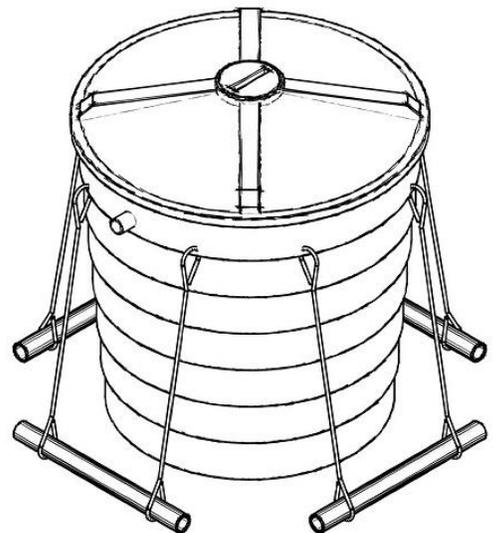
W2000MM X L2000MM X D1800MM



### 2. Connect Ground Anchors

Four anchors made from PVC sewer pipe are to be connected to the tie down points on the tank top. The use of stainless steel rope and shackles or synthetic rope and knotted securely is recommended.

The pipe anchors should hang level and be just above the base of the tank. Filling of the pipes with sand and fitting with end caps is recommended, especially in areas with high water tables or high hydrostatic action.





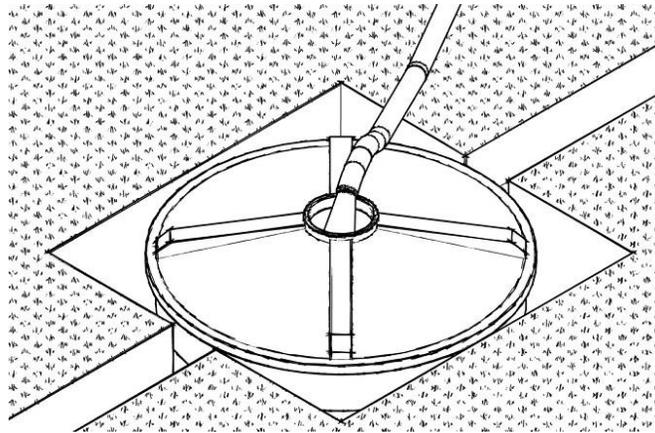
### 3. Installation

Lower the tank carefully into the prepared hole. Do not disturb the bedding sand or the side edges of the hole. Ensure tank is firmly seated. Check that the tank is level by use of a spirit level. Check that the anchors remain level with the base.

Align Inlet and Outlet fittings with trenches and piping and connect. The use of a rubber ring joint socket or rubber sleeves and stainless steel clips is recommended. This will allow for any ground movement.

Fill the tank with clean water to the level of the Outlet pipe. Check for leaks at pipe connection points. Apply silicone sealant and tighten screws if pipe collars leak. Remove and re-seat rubber rings if pipe connections leak.

A thin bead of silicone sealant can be applied to the access opening on the tank. This seal can be broken for inspection or maintenance purposes.



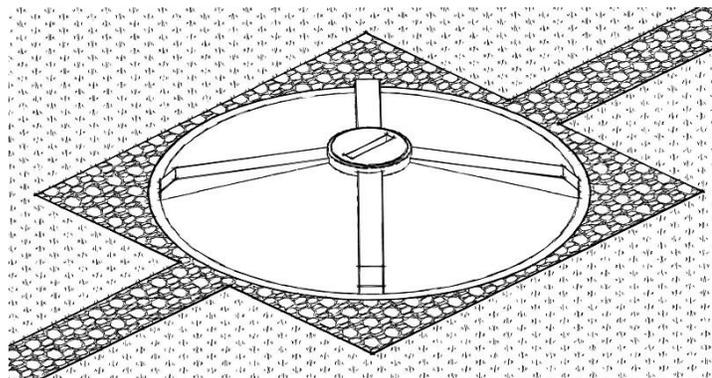
### 4. Backfill

Backfill the excavation and lightly compact around the tank.

Use only clean stabilised soil. Do not use sand, gravel or soil containing foreign matter that may damage the tank.

Backfill to the level of the top of the tank. Do not cover the access opening or tank top with soil.

Terracorp Industries recommends the use of a precast concrete slab with access opening to allow for inspection or maintenance of the tank.



### IMPORTANT NOTES

Septic tanks must be installed as per local regulatory requirements. Check with your local authority before commencing installation.

Terracorp Industries polyethylene septic tank has been tested to support a top load of 5kN (500kg) and lateral load test as required by Australian Standards 1546.1:2008. Tanks cannot be expected to safely withstand continually applied loads. No vehicle or pedestrian traffic should be permitted within 1000mm of the tank.

Consideration should be given to the weight of the precast or concrete slab that will be placed over the tank.