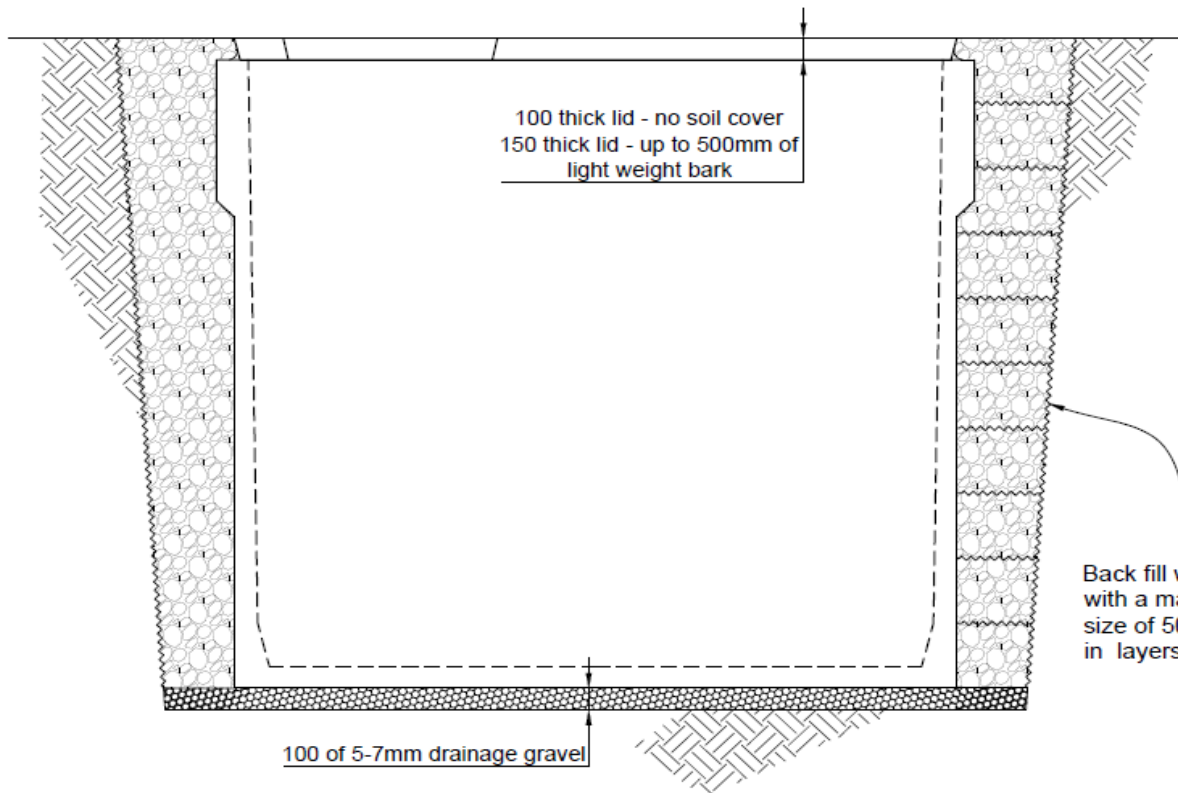
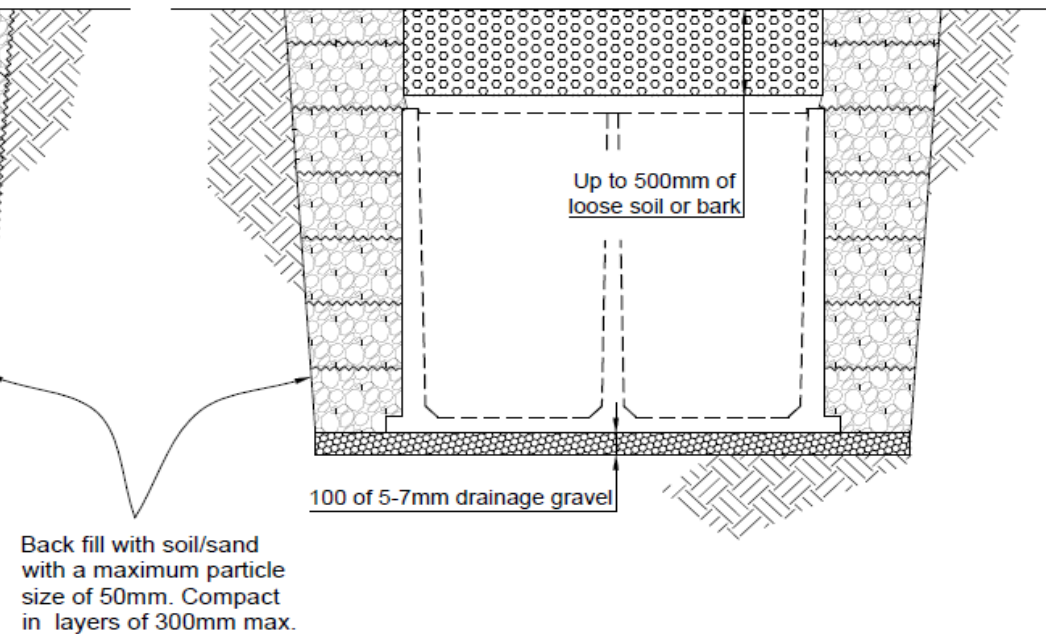


# TANK INSTALLATION GUIDE

T20 tank install schematic Refer to installation guide for details.



ABS, B52, 33 & Pump chamber series tanks  
Refer installation guide for details



**EXCAVATION INSTRUCTIONS ( Any excavation must comply with all relevant legal acts, codes and standards - including Department of labour approved code of practice for safety )**

1. Check with your local council authority for requirements on tank location and drainage system for the site.
2. Following excavation - dimensions of hole to suit both tank and soil types - cover the base of the hole with a 100mm of 5-7 drainage gravel, ensuring the base is finished perfectly level. DO NOT leave exposed rocks as these may damage the tank and void the warranty. DO NOT use sand.
3. Backfill excavation with soil / sand - maximum particle size of 50mm - DO NOT use ROCKS - compact in layers of 300 mm max.
4. To prevent flotation fill tank to at least 70% of capacity. Austin Bluewater will not take responsibility for floating tanks.
5. For at ground installations the ground must be able to support the tank and water contents. Generally the foundation must have a safe bearing capacity of 100 kPa - typical for normal house foundations. Tanks must be placed on a bed of compacted sand or 5 - 7 mm drainage gravel - 150mm thick. This base must extend an additional 1.0 metre further than the tank base all round. We recommend that the site is excavated a minimum of 150mm below existing ground level.

**GENERAL INSTALLATION NOTES**

1. **T20 tanks with a 100mm thick lid MUST be installed with the lid at ground level - NO SOIL COVER. If a 150mm thick lid is used the tank may be buried up to 500mm but only covered with light weight bark.**

For all other tanks the precast lid will support a maximum 500 kg point load (pedestrian loading only) **or if buried, 500mm depth of loose soil cover or bark** . A no go zone around the perimeter of the tanks for 2 metres must be identified to stop intrusion of vehicles, stacked materials and the like.

2. Surface storm water should be diverted away from lid to prevent water ingress.
3. Ensure the drain field is not in trafficked areas, and do not allow stock to graze on the this area.
4. TO ENABLE SERVICING OF ABS TREATMENT SYSTEMS THE TANK THE LID MUST BE ABLE TO BE LIFTED OFF AND PLACED TO ONE SIDE. TO ALLOW THIS THE ELECTRICAL CONNECTION MUST HAVE A FLEXIBLE SECTION WITH SPARE CABLING.

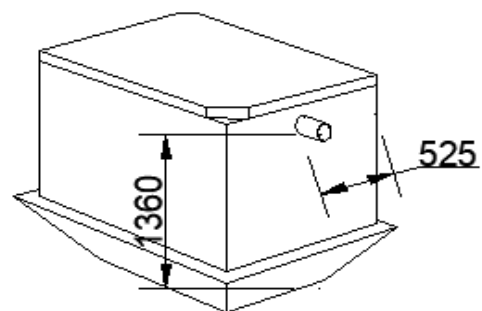
**PLEASE NOTE: Failure to comply with these instructions will invalidate the warranty.**

**Standard Tank dimensions and details - (custom tanks may vary from details shown - refer specific drawing)**

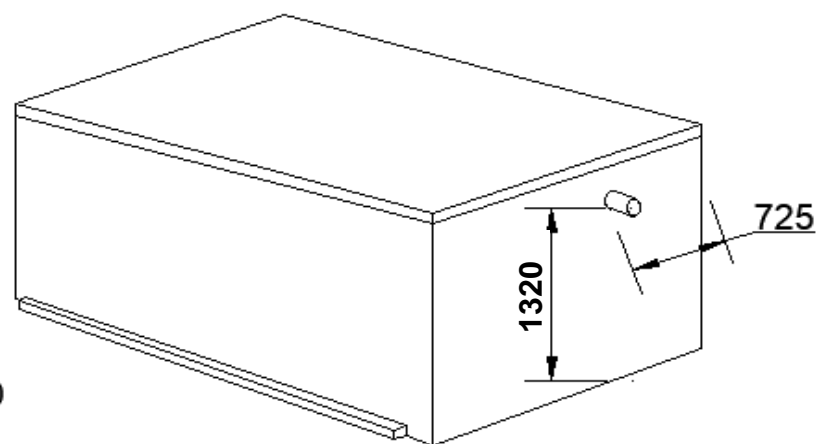
Refer to website or advertising pamphlets for tank layouts and in particular positions of inlets, as these vary on each tank type, and position of lifting points.

Tank Type	Length	Width ( including anti float nibs if included)	Overall Height (from base of tank to top of lid)	Invert (from base of tank)	Weight of Tank (t) -including lid	Lifting Points (number & type)
<b>B52</b> (Also WT65 & GT65)	3000	1932	1560	1320	5.70	4 x 2.5 Reid anchors
<b>ABS</b> Series Treatment tank	3000	2240	2380 to top of first turret	1630	8.20	4 x 2.5 Reid anchors
<b>AB1600</b> (Also PS1600, GT15 & PC1500)	1500	1200	1635	775	1.80	2 x 1.3 Reid anchors
<b>T33</b> (Also ST33, WT33 & GT33)	2750	1225	1560	1320	3.70	4 x 2.5 Reid anchors
<b>ST10</b> (Also WT10)	2450 Diameter		2380	2000	5.40	4 x 2.5 Reid anchors
<b>ST20</b> (Also WT20)	3075 Diameter		3020	N/A	9.7 - 100 thk lid 10.5 - 150 thk lid	4 x 5.0 Reid anchors

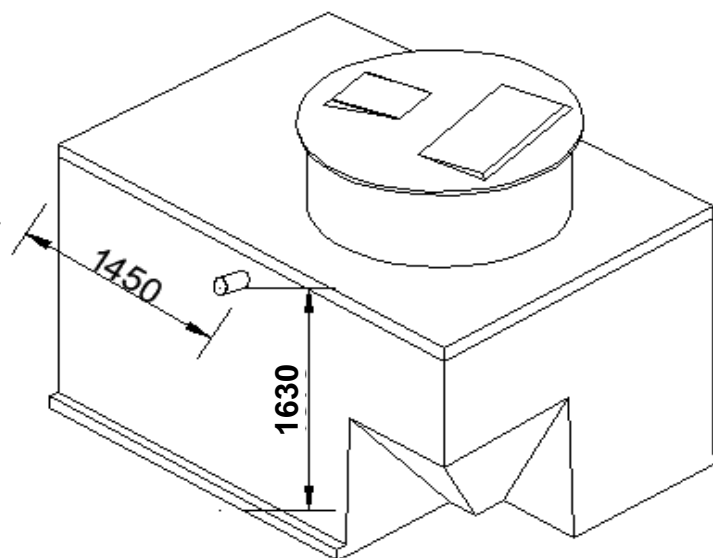
PLEASE NOTE : When handling any tank with more than 2 lifters, an equalising beam must be used to ensure all lifters are equally loaded.



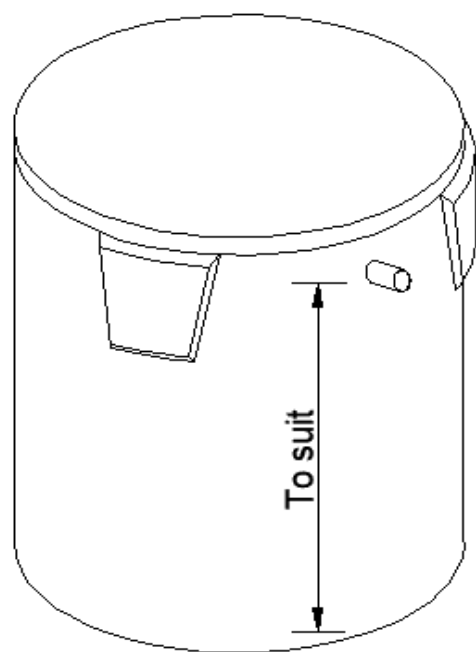
AB1600, PS1600, GT15 & PC1500  
Invert Position



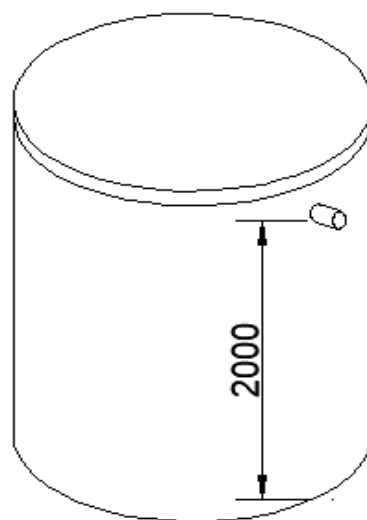
B52, WT65 & GT65  
Invert Position



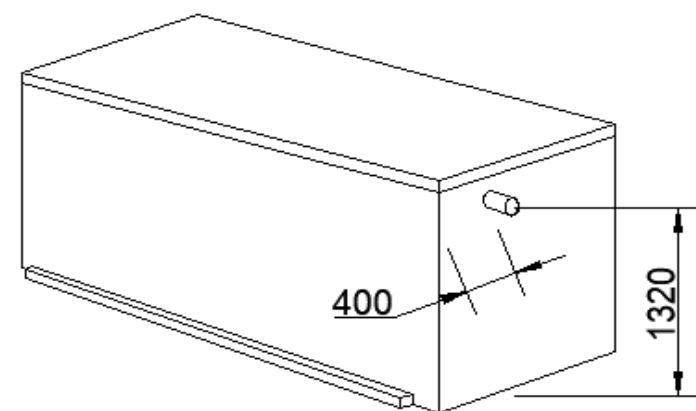
ABS Series  
Invert Position



ST20 & WT20  
Invert Position



ST10 & WT10  
Invert Position



T33, ST33, WT33 & GT33  
Invert Position