WATER TANK

Installing and plumbing a Bailey Tank on your property is relatively easy though it is advisable to follow this guide to ensure your tank a long and trouble free life. The following guide is based on installation of a Bailey 25,0000L tank, however if you are installing smaller tanks similar processes where appropriate would be advisable to follow.

NOTE: Bailey Tanks do not guarantee delivery to site. Delivery is to the road entrance of the property however if access is deemed possible the driver will do their best to get as close to the site as possible. This is at the drivers discretion. Installation is the responsibility of the purchaser.

Step 1.
Prepare a Framed Box

The site should be a firm, level, stable ground. Prepare a wooden box with 100mm x 50mm timber. The size of the box should be at least 500mm greater than the Diameter of the tank being installed. This should be securely fastened with Coach bolts and staked into the ground to prevent movement. The box is to ensure no erosion occurs. If locating the tank on a sloping section make sure the area around the tank will not erode and do not back fill against the tank.

Step 2.
Site Preparation.

A pad of at least 100mm of sand or gap 7 is recommended, this equates to 1.6 cubic meters of fill. Spread the sand with a rake as evenly as possible. Compact the sand. Run a long piece of timber across the top with a spirit level to achieve the most accurately level site possible. It is critical that the site is level and free from any sharp objects.

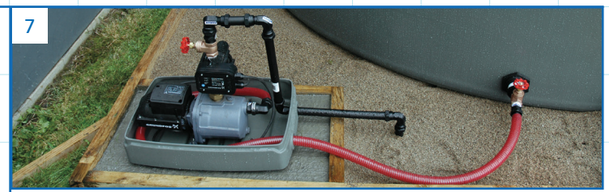
Optional: *You may prepare a box section in the corner of your site as a foundation for a pump and Bailey Pump Cover. Allow 850mm x 550mm.*

Step 3.
Delivery

Our specifically designed trucks with lowered decks will deliver your Bailey tank. The tank is rolled off the truck and left on its side. Delivery is as close as access provides. If site does not allow truck access have 2-3 people including driver to roll tank into position. A Bailey 25000 Litre tank weighs 400Kg dry.

Step 4.
Positioning of Tank

Before flipping the tank on to its base ensure you have it positioned the way you would like it to fall. A specially moulded box with flat sides is conveniently located to the front of the inspection hatch at the top of the tank. Fittings such as inlet, overflow, ballcock and water level indicator can be installed here. Once the tank has been flipped onto its base shuffle the tank into desired position.



Step 5.
Plumbing of Inlet Pipes

Only hole saws to be used to drill into the tank. Drill appropriate size hole to fit pipe. A rubber grommet is recommended for sealing the pipe work into the tank. Here we fit a 100mm PVC pipe into a 100mm rubber grommet. Piping to be fitted only into the provisions provided. Push the rubber grommet into place and then slide the PVC pipe through.

Step 6.
Plumbing of Overflow pipes

On the opposite side of the tank you will find additional provisions for the inlet and overflow. The overflow is to be drilled and fitted the same as the inlet to ensure a tight leak proof seal. Fitting the overflow in the areas provided ensures maximum capacity of your Bailey Tank. Make sure you have an equal diameter size overflow pipe as you do inlet. The overflow should be piped away from the tank to prevent any erosion to the tank site.

Step 7.
Plumbing of Outlet

A 2" (50mm) BSP outlet is provided at the base of the tank ready for you to screw in your fittings. A Bailey 'Pump to Tank connection kit' can be purchased to supply all necessary fittings from the water tank to the pump. Bolt the Pump to the Pump Cover base. Bolt the cover down with dyna bolts. A gate valve can be added on the exit pipe of the pump for ease of maintenance.

Once the tank is installed it is recommended especially in high wind areas to fill the tank with a minimum of 1,000-2000 litre of water to ensure the tank does not blow away. After the first fill of water the tank will never empty below the outlet leaving approximately 1,000 litres of water in the base of the tank.