

CASE HISTORY

Warehouse in Peterborough

<p>The Site</p>	<p>Big Web Warehouse Ltd., a sister company to Rainwater Harvesting Ltd., were planning an office extension to their giant warehouse near Peterborough. They took the opportunity to install rainwater harvesting both to provide water for all the toilets and for truck washing, and, incidentally, to show proof of concept for installation techniques and new rainwater management products.</p>	
<p>Installation</p>	<p>A GRAF Carat 2700 litre tank was installed next to the new extension to store all the water off the new roof and a part of the existing roof. Excess water goes to soakaway as normal. The rainwater is pumped by a submersible pump through a Rain Director control panel to its smart header tank in the roof of the warehouse from where gravity takes the water to the toilets as required. Vehicle washing is assured by a tap fed directly off the submersible pump prior to the Rain Director control panel; in this way the full power of the pressure-sensitive pump is available when the tap is turned on.</p> <p>The first picture shows the tank lowered into the hole, with a temporary cover over the turret. Good! We advise our clients to ensure that no dirt gets into the tank at any stage of installation so that the pump, valves and appliances do not suffer from grit that might get in.</p> <p>The second picture shows the pea shingle being distributed round the base of the tank to fill in the concavities of the tank.</p> <p>The bottom picture shows the turret of the tank with the pipe from the roof gutters (furthestmost right), the service pipe to the building for the pipe from the pump and its cable (underneath) and the overflow/debris pipe running from behind the turret to the soakaway in the black turret. Very neat.</p>	
<p>Quotes</p>	<p>Dave Gayton, Warehouse Manager for Big Web Warehouse says "The rainwater is staying perfectly clean in the cool of the ground and all toilets running perfectly on rainwater. We're delighted with the installation and look forward to some savings on the water bill".</p>	