

bradleys water harvesting

SURFACING SYSTEMS 

The team at Bradleys Surfacing Systems have developed an effective water harvesting system for domestic properties.



easy gardening

environmentally sound

reduce water bills



System summary

- Existing natural lawns are converted to a natural looking synthetic turf surface. However, rather than rainwater draining away like a conventional synthetic turf lawn, the water is captured and stored underground completely out of sight.
- Water is then made available above ground via a pump or tap.



Benefits of the system

- Water harvesting is a sustainable way to use water at home, and reduces the cost of water bills.
- The system is completely out of sight, as the water is stored underground.
- The system involves water attenuation – holding water locally is an effective way to help reduce flooding.
- The system has the potential to be plumbed in to supply water inside properties.
- The system has all the benefits of a normal synthetic lawn: low maintenance, clean perfect looking garden all year round.
- Perfect for properties with a water meter.

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Pasture Grove, Leeds

The Pasture Grove project, involved the harvesting of rainwater from:

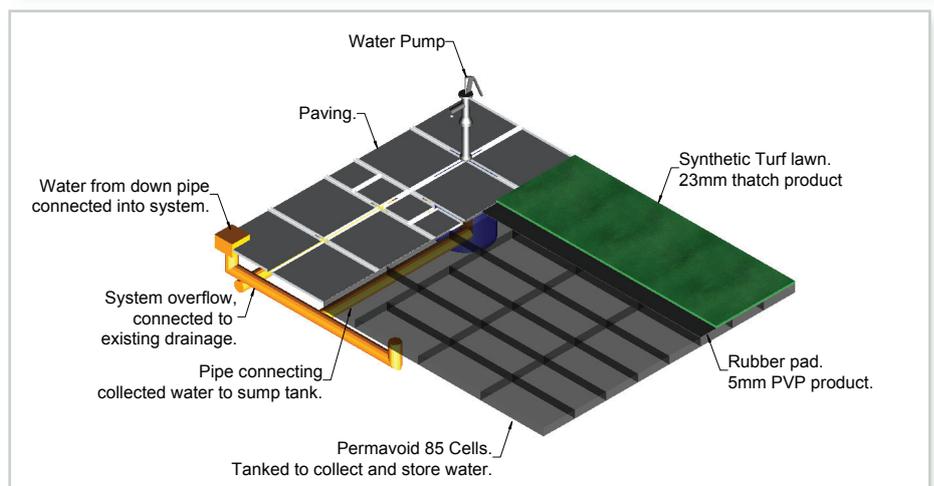
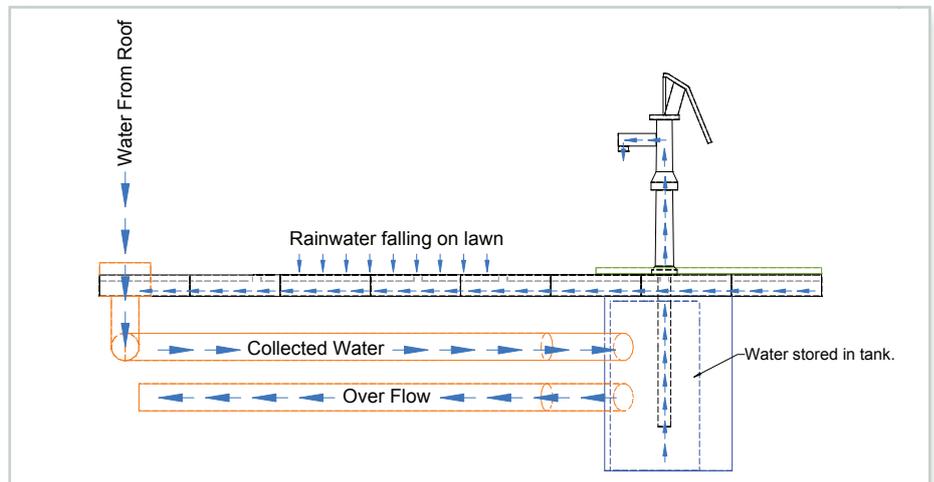
- **the lawn**, by converting it to synthetic turf and having the Bradleys water harvesting system
- **the roof**, by capturing the water from the gutter downpipe.

Harvested water is tanked underground and made available by a pump. In this case a Victorian style hand pump was selected to fit in with the age of the building and act as a garden feature. Other options include solar powered pumps or pumps powered by mains electricity. When the system is full, excess water is taken away by an overflow pipe connected to the existing drainage.

The project was completed in two days and the system can hold up to 500 litres of water.

“It’s an environmentally sustainable concept which works perfectly with our lifestyle. I have been really impressed with Bradleys service, from the quality of drawings provided to the smooth and professional installation.”

“I love our water pump – it’s so handy having water right where we need it. Our neighbours always comment on how good the lawn looks and I feel proud that we are doing our bit for the environment.”



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