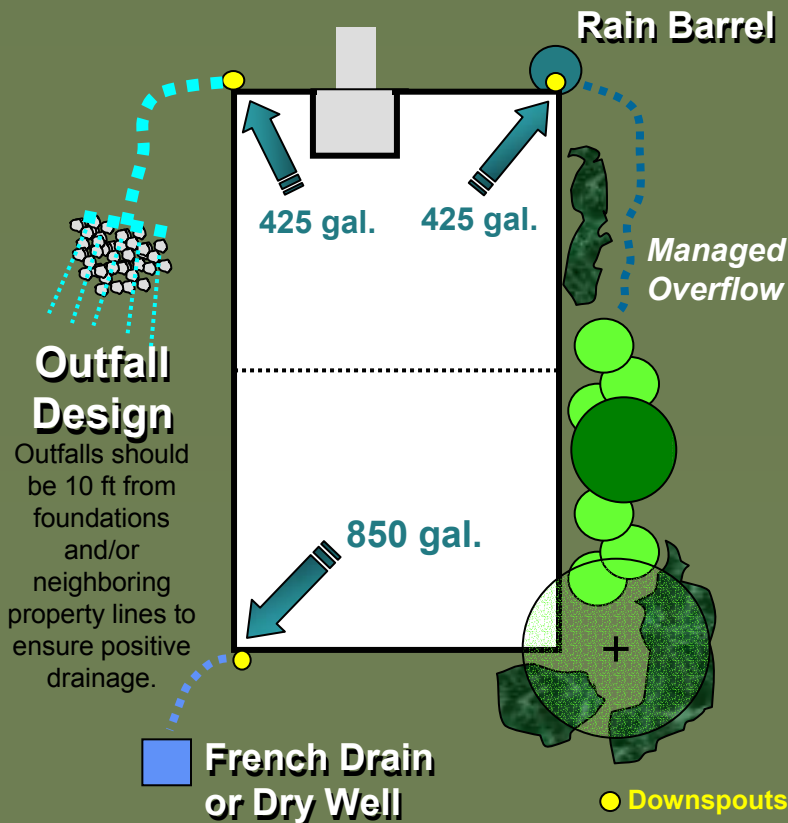


Stormwater Management for Winterport Cluster Townhouses

Why is This Important? Each Winterport Cluster townhouse creates approximately 1,700 gallons of rooftop runoff during a typical 2-year storm event (3.3"/24 hours). Every drop of downspout water has a cumulative effect on the volume, erosive potential, and pollutant load of stormwater across pavement into storm drains, into neighbors' yards and basements, over compacted or sparsely vegetated slopes throughout the property, and ultimately into Lake Thoreau. Over time, this unmanaged stormwater has a detrimental effect on community aesthetics and livability, property values, and the environment.

What Can I Do? Consider implementing one or a series of low-impact, relatively low-cost stormwater management techniques as close to the source as possible to help alleviate overall stormwater stress across Winterport Cluster.



Rainwater Harvesting

If you're a gardener, connect a downspout to rain barrel to capture and reuse stormwater rather than potable water for irrigation.

On-Property Micro-Infiltration

Direct a downspout to a shallow, aggregate-filled trench, such as French Drain or Drywell, to collect excess water and convey it away from structures and erosion-prone areas and to encourage infiltration.

Downspout Outfall Design

Use a combination of spreaders/diffusers, gravel, stone and/or filter strips to disperse point-source downspout outfall over a greater surface area, decreasing its velocity and erosive potential.

Native Plantings

Use site-appropriate, layered native plants to protect soil from raindrop impact, to assist in the uptake of excess stormwater, and to enhance the biodiversity and long-term health of the surrounding woodland.

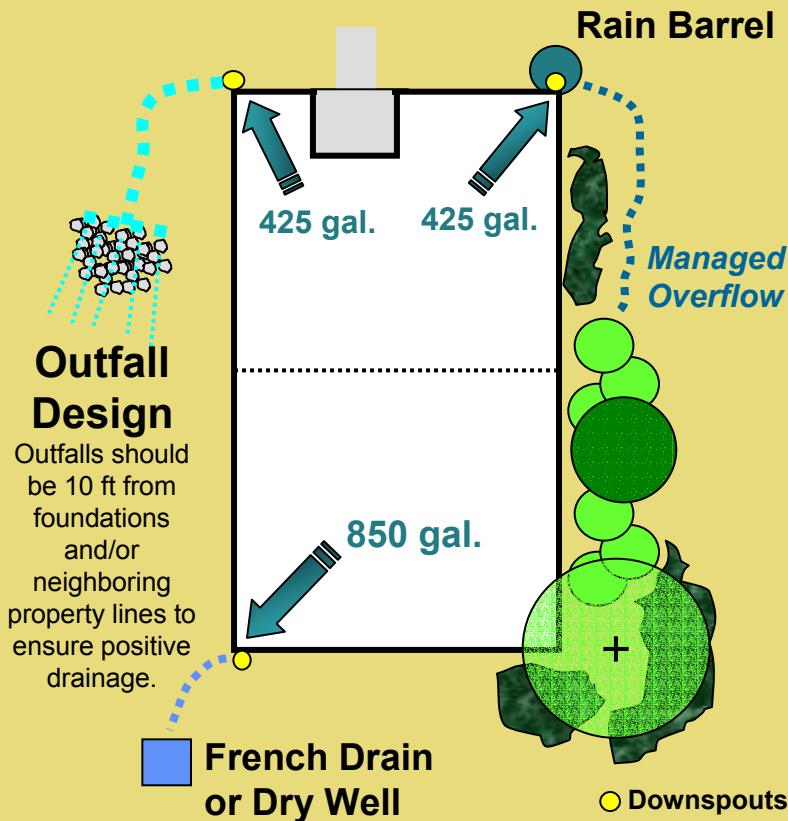
Compost Soil Amendment

Improve the organic content, texture, and infiltrative quality of the soil around your property by working in 2-4" of leaf compost.

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Native Plantings

Use site-appropriate, layered native plants to protect bare soil from raindrop impact, to assist in the uptake of excess stormwater, and to enhance the biodiversity and long-term health of the wooded areas.

Compost Soil Amendment

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