

StormTrap®

MODULAR CONCRETE
STORMWATER MANAGEMENT

Stormwater Management Applications

StormTrap® offers the industry's best solutions for managing runoff, protecting waterways and improving the use of your property. Our stormwater management systems are designed to reduce overall footprint, accommodate any site restraints, and lower overall costs.

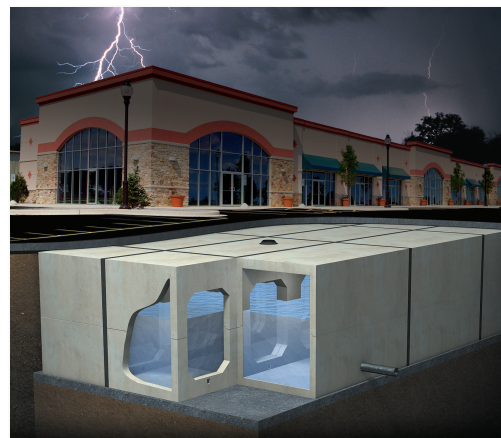


SingleTrap®

StormTrap's SingleTrap design allows engineers to customize a durable and maintainable stormwater management system to your site's exact requirements. The SingleTrap design offers a wide range of options and benefits. Whether you are working in an extremely limited space or you are trying to preserve the land above for parks, buildings, or parking lots, StormTrap can help.

Features

- ▶ Exceeds CHBDC CL-625 highway loading with 305mm of cover, ideal for projects with a limited rim to invert
- ▶ A durable, reinforced, high-strength concrete available in internal dimensions of 355mm to 1,524mm
- ▶ Flexible base design allows for detention, retention or infiltration
- ▶ An option for watertight systems



DoubleTrap®

StormTrap's DoubleTrap design offers the stormwater management solutions you need to control the volume and discharge timing of runoff. Engineers can customize the DoubleTrap solution to meet your exact needs, and the modular design allows us to maximize your storage volume while minimizing your footprint and overall costs. Reduced installation costs combined with modular design and maximum land use makes the DoubleTrap system the smart choice.

Features

- ▶ The lowest overall installed costs
- ▶ Durable, reinforced, high-strength concrete with internal height dimensions that range from 711mm to 3,048mm
- ▶ A flexible design that can allow stormwater infiltration or remain a completely contained system
- ▶ An innovative design that facilitates quick and efficient installations and the smallest overall footprint

Stormwater Applications

Stormwater Detention

At StormTrap we can provide the underground stormwater detention system you need to manage and control the volume and discharge timing of stormwater runoff. These solutions were created to store runoff in large underground chambers for a given period of time before it is released at a controlled rate. This helps to mitigate many of the harmful effects of high volumes of stormwater runoff, such as erosion and flooding.

Stormwater Retention/Infiltration

At StormTrap we offer customized underground stormwater retention systems to meet your individual needs. Our stormwater retention system provides an infiltration surface area that allows water to recharge back into the soil. This stormwater management system also provides some stormwater quality advantages because it will filter the runoff water through the native soil. This is an effective way to reduce any pollutants and contaminants in the stormwater runoff.

Stormwater Treatment

StormTrap is committed to improving stormwater quality so that our streams, rivers, lakes, and wetlands won't be filled with pesticides, nitrogen, and heavy metals. Our stormwater treatment process was designed to preserve and protect those natural resources and the aquatic life that they support. We can also preserve these areas for our own enjoyment and recreation with careful stormwater management. At StormTrap we have created a range of products and services to help protect the environment.

- ▶ Filtration: Designed to remove pollutants utilizing various media
- ▶ Infiltration: Recharge/Infiltration needs
- ▶ Oil/Water Separation: Eliminates oil, grease, fats and other hydrocarbons
- ▶ Sedimentation: Designed to your specific particle size removal efficiencies

Stormwater Reuse/Harvesting

StormTrap offers stormwater harvesting applications that collect stormwater on site to use for irrigation or greywater use inside buildings.

Low Impact Development (LID) Solutions

StormTrap can also help your project reach LEED certification by contributing to LEED credits.

StormTrap Advantages

- ▶ Modular design allows system to be quickly and easily customized to meet each project's requirements
- ▶ Engineered design maximizes storage volume while minimizing project's footprint and cost
- ▶ Total void storage for easy maintenance
- ▶ Innovative design allows for a quick and efficient installation
- ▶ Exceeds CHBDC CL-625 highway and fire truck loading
- ▶ Minimum 305mm of cover
- ▶ High strength precast concrete
- ▶ Manufactured in a NPCA (National Precast Concrete Association) certified facility
- ▶ Peace of mind for engineers, owners and developers



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**Call to request a preliminary
budget and design.**

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