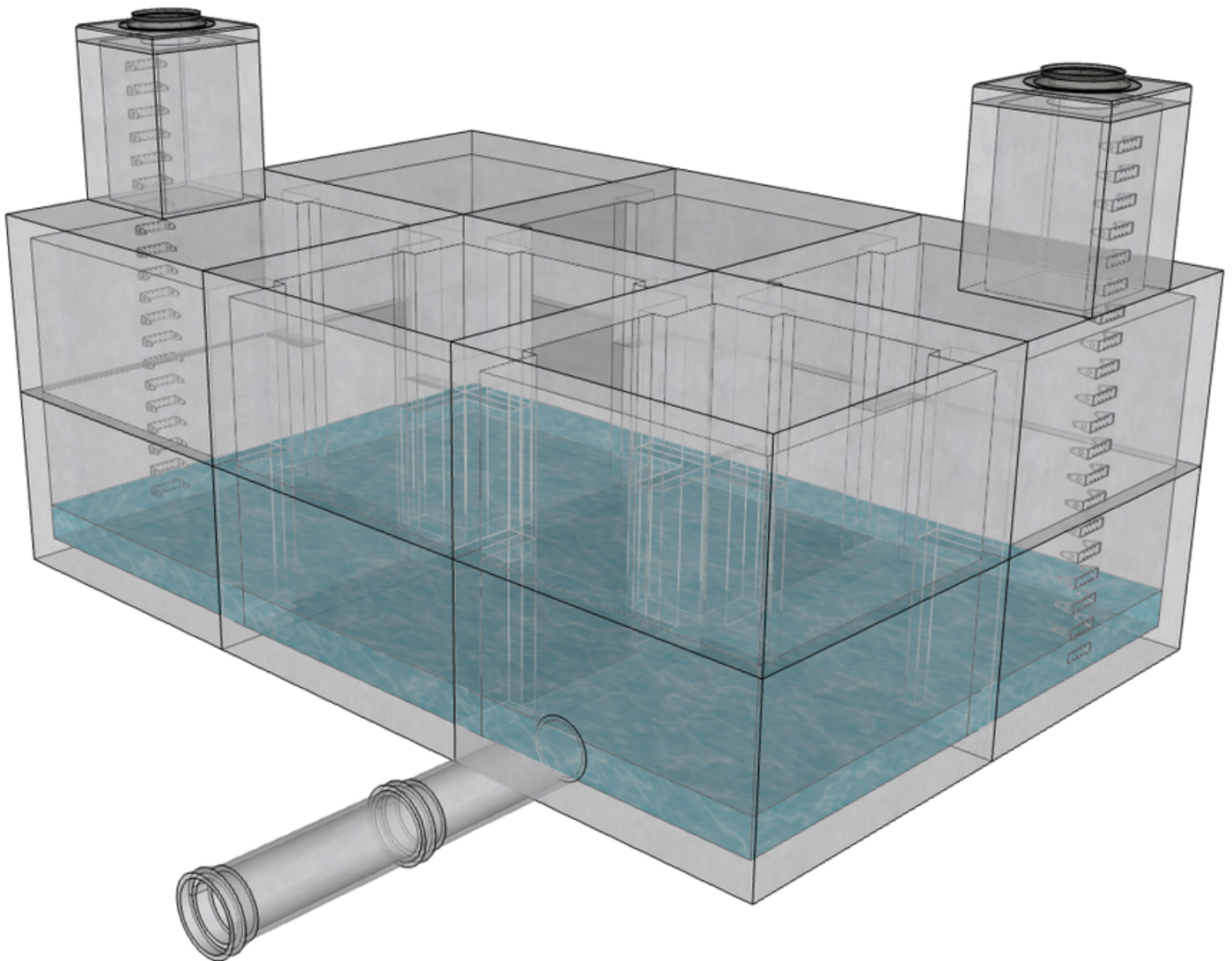


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RainRescue SYSTEM



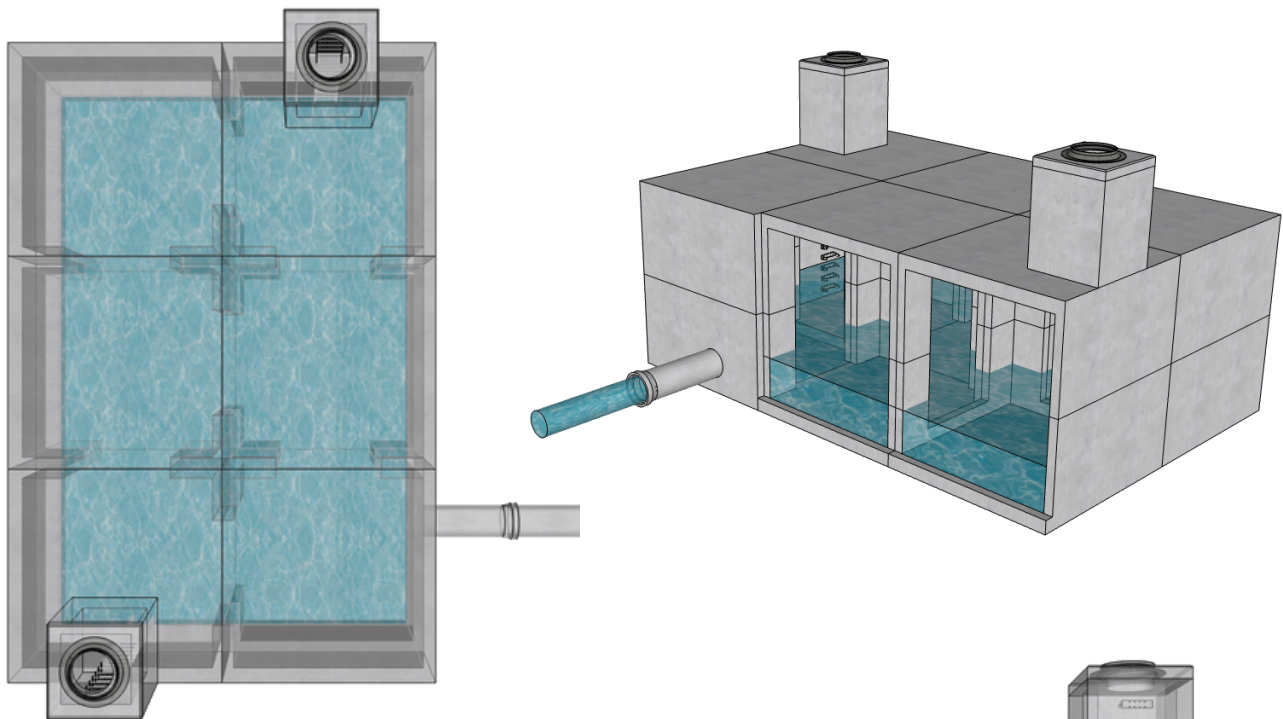
Revolutionizing Stormwater Management:
Secure, Sustainable, and Smart

RainRescue SYSTEM



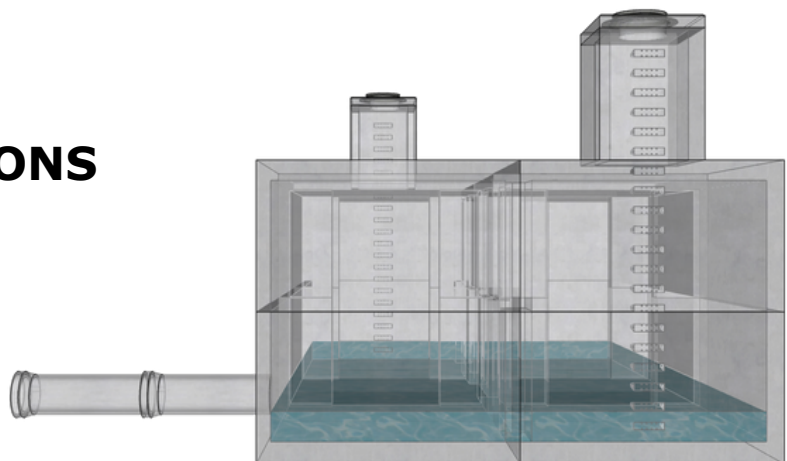
The **RainRescue System** from Westcon Precast delivers an all-encompassing approach to stormwater management, adeptly handling detention, retention, infiltration, and oil-water separation needs. Featuring a modular setup, it efficiently utilizes space and maximizes storage, ensuring a minimal installation footprint.

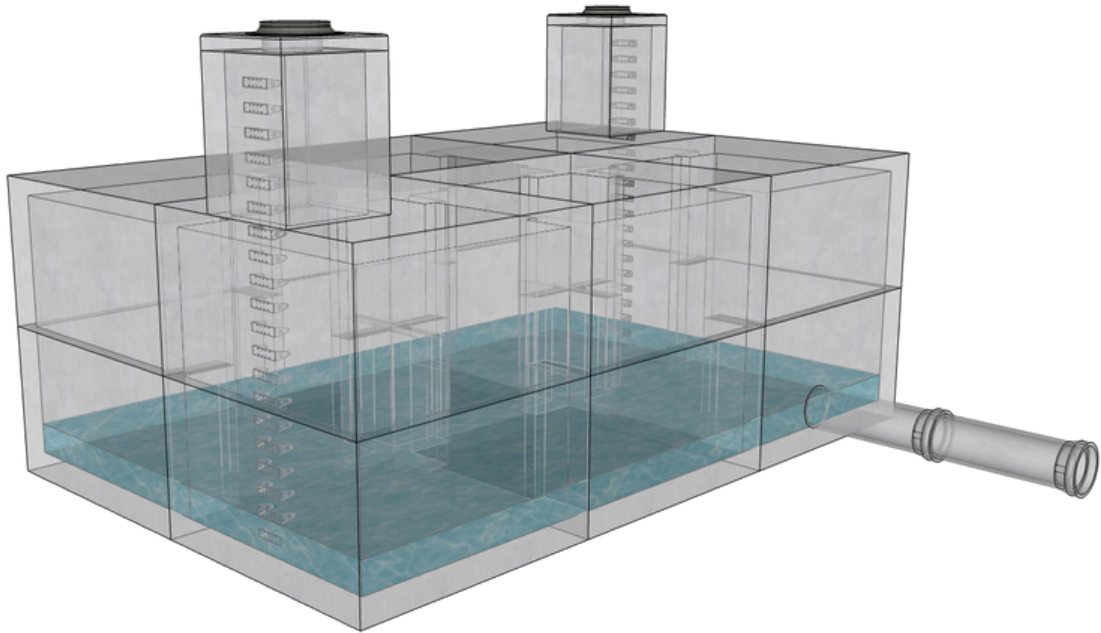
Durable and maintenance-friendly, **RainRescue** supports heavy vehicular traffic with only a slight earth cover. Its installation is not only rapid but also remarkably straightforward. This robust system is an ideal solution for modern urban challenges, blending functionality with ease of use.



SYSTEM APPLICATIONS

- Infiltration
- Oil-Water Separation
- Flood Management
- Detention/Retention
- Cisterns





RainRescue SYSTEM

OVERVIEW

The **RainRescue System** by Westcon Precast offers a streamlined solution for stormwater management, addressing detention, retention, infiltration, and oil-water separation needs. Its modular design optimizes storage and installation footprint. Durable and maintenance-friendly, it supports heavy traffic with minimal earth cover, ensuring a swift, straightforward installation process.

KEY BENEFITS

Rapid Service: Ensures same-day staging and installation for swift project turnaround.

Traffic Load Design: All modules are engineered for H20 traffic loading, ensuring robustness in high-demand areas.

Cost Savings: Offers economic benefits through its efficient design and operation.

Sustainability: Eco-friendly, aligning with contemporary environmental stewardship practices.

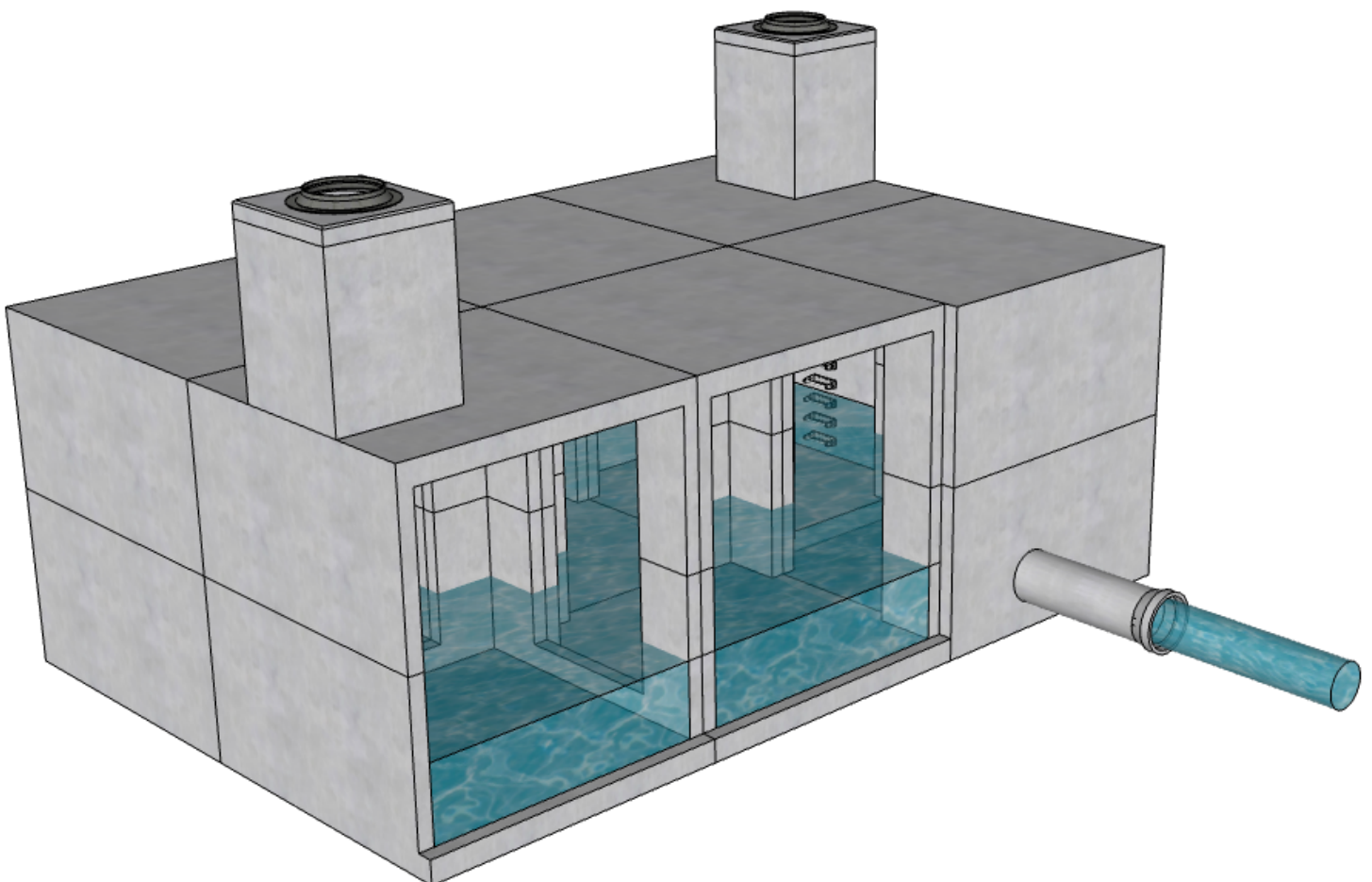
Scalability: Flexibly adapts to various project sizes and allows for easy expansion with additional units.

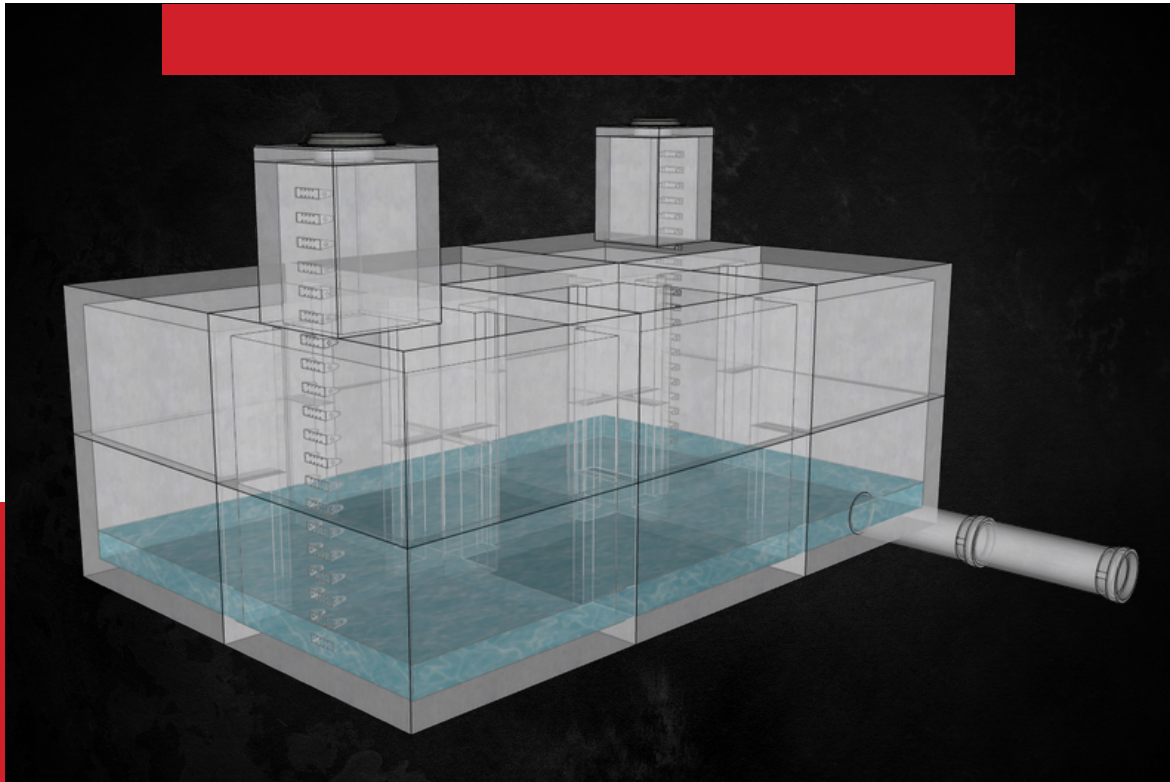
RainRescue SYSTEM

Engineers will find the *RainRescue System's* modular design and H20 traffic load capacity particularly beneficial. This innovative system offers customizable solutions to meet diverse project requirements, ensuring versatility and precision. Its robust design, capable of withstanding heavy traffic, makes it ideal for urban infrastructure, highlighting its practicality and durability.

MODULAR STORMWATER MANAGEMENT

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- **Advanced Design**: Utilizing the latest in precast concrete technology for superior performance.
- **Rapid Deployment**: Offers same-day staging and installation, significantly reducing project timelines.
- **High Load Capacity**: Designed to withstand H20 traffic loading, making it suitable for high-traffic areas.
- **Flexible Scalability**: Easily expandable to accommodate growth or changing needs, enhancing its long-term utility.
- **Environmental Sustainability**: Aligns with green initiatives, contributing to a more sustainable environment.
- **Longevity**: Built to last with minimal need for repairs or replacements.

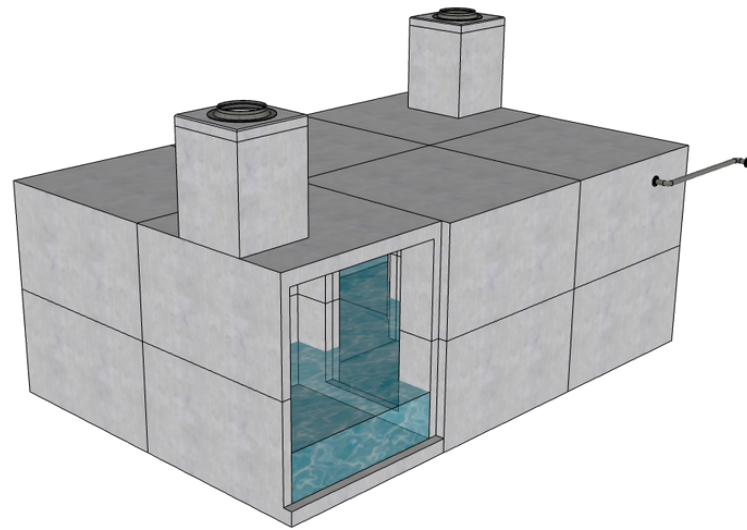
Rain Rescue SYSTEM



ABOUT US



Westcon Precast, a leader in precast concrete manufacturing in Alberta, is proud to present the **RainRescue System**, a suite of innovative stormwater management solutions. This system encompasses detention, retention, infiltration, and oil-water separation, each tailored to meet diverse environmental and urban needs. Committed to sustainability and efficiency, Westcon Precast offers these advanced solutions, reflecting our dedication to quality and environmental stewardship in the field of water management.



The RainRescue System offers quick and efficient installation, significantly reducing construction time and costs.



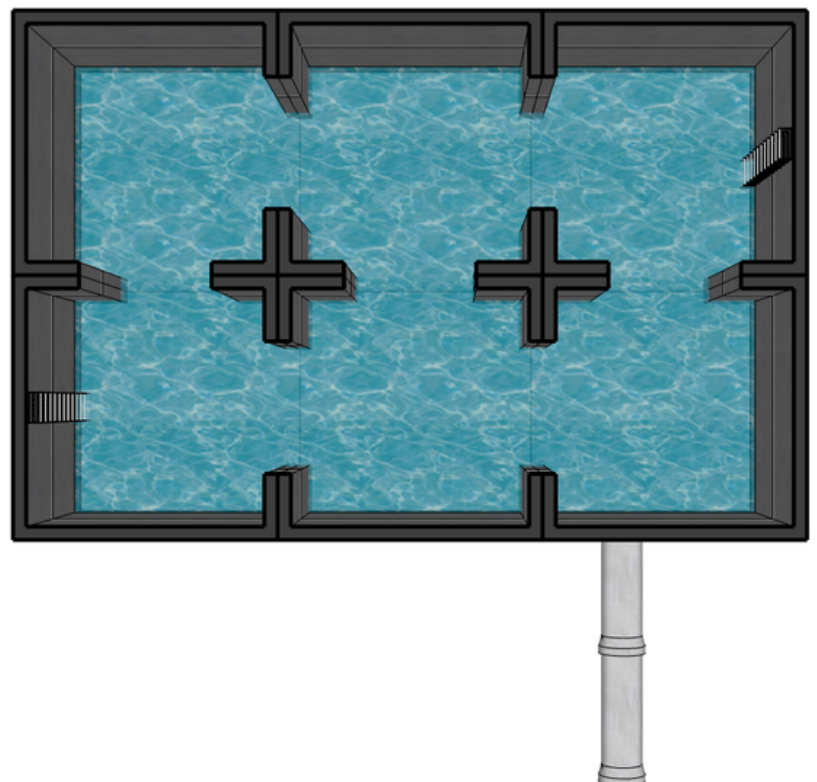
Produced in Alberta, the system ensures quality and supports the local economy, while reducing environmental impact from transportation.



Designed with sustainability in mind, RainRescue helps in conserving natural resources and supports green infrastructure initiatives.



Westcon Precast is renowned for its reliability and commitment to excellence in the precast concrete industry.

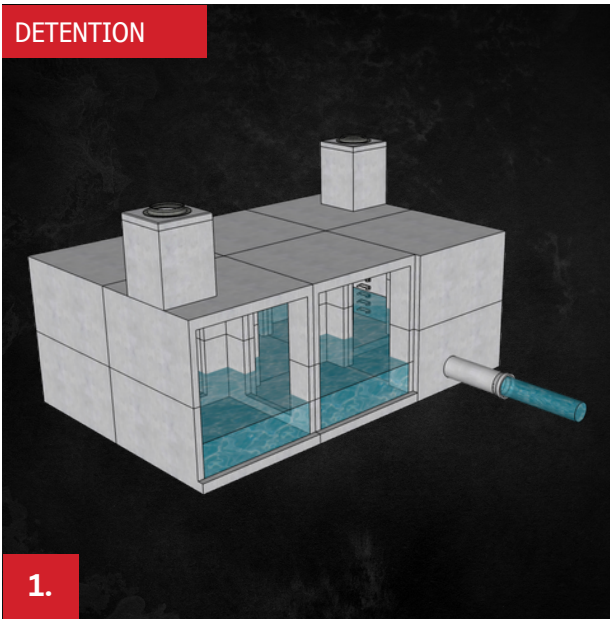




RainRescue SYSTEM

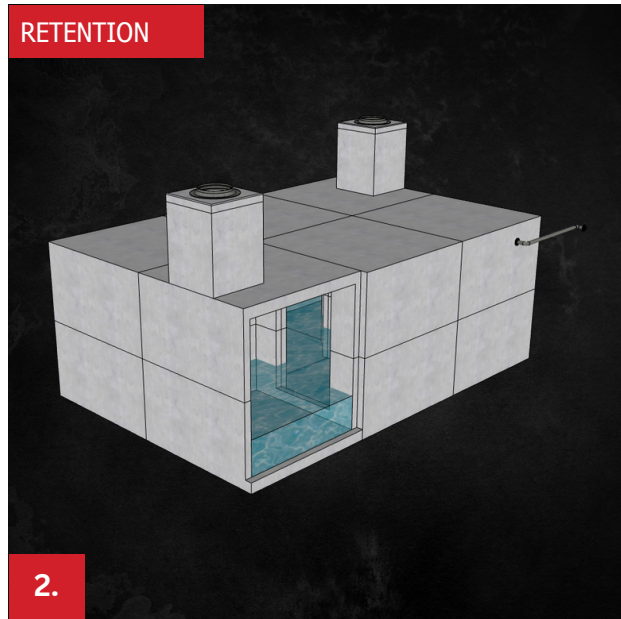
The **RainRescue System** by Westcon Precast offers a range of options tailored to meet your stormwater management needs, including detention, retention, infiltration, and oil-water separation. Each option is designed with precision and adaptability in mind, ensuring a customized solution that aligns with your specific project requirements.

DETENTION



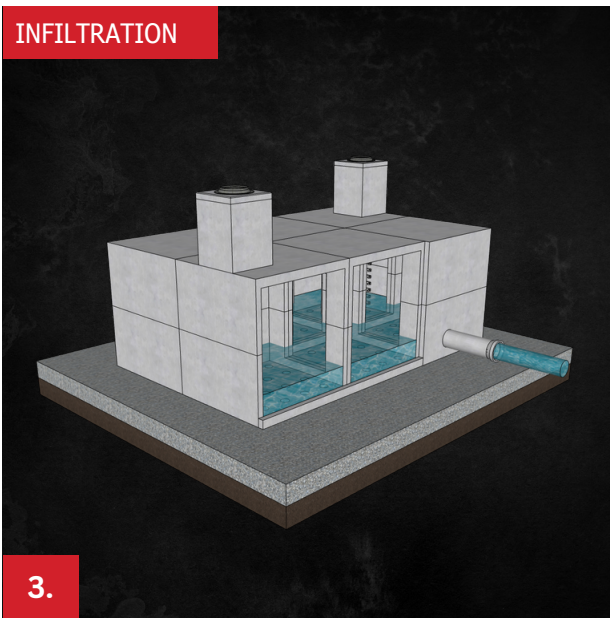
1.

RETENTION



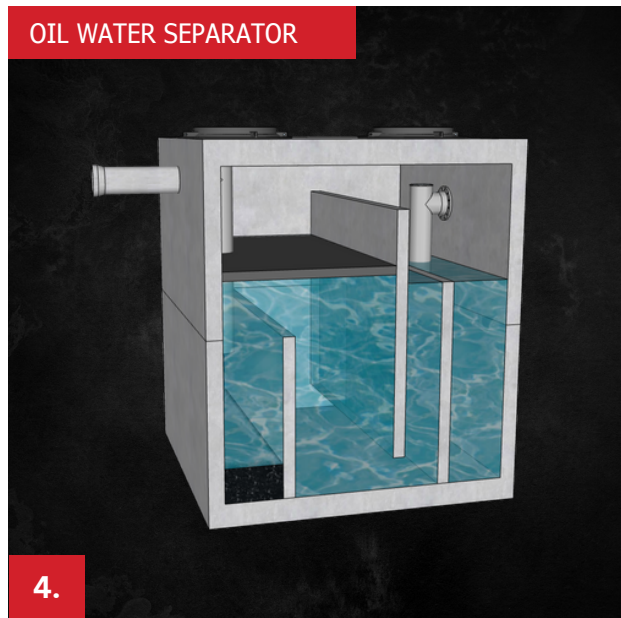
2.

INFILTRATION



3.

OIL WATER SEPARATOR



4.

1. WESTCON PRECAST

DETENTION

Detains stormwater and releases it at a controlled rate to prevent storm drain overloading.

2. WESTCON PRECAST

RETENTION

Retains water for reuse, such as harvesting rainwater for irrigation or other applications.

3. WESTCON PRECAST

INFILTRATION

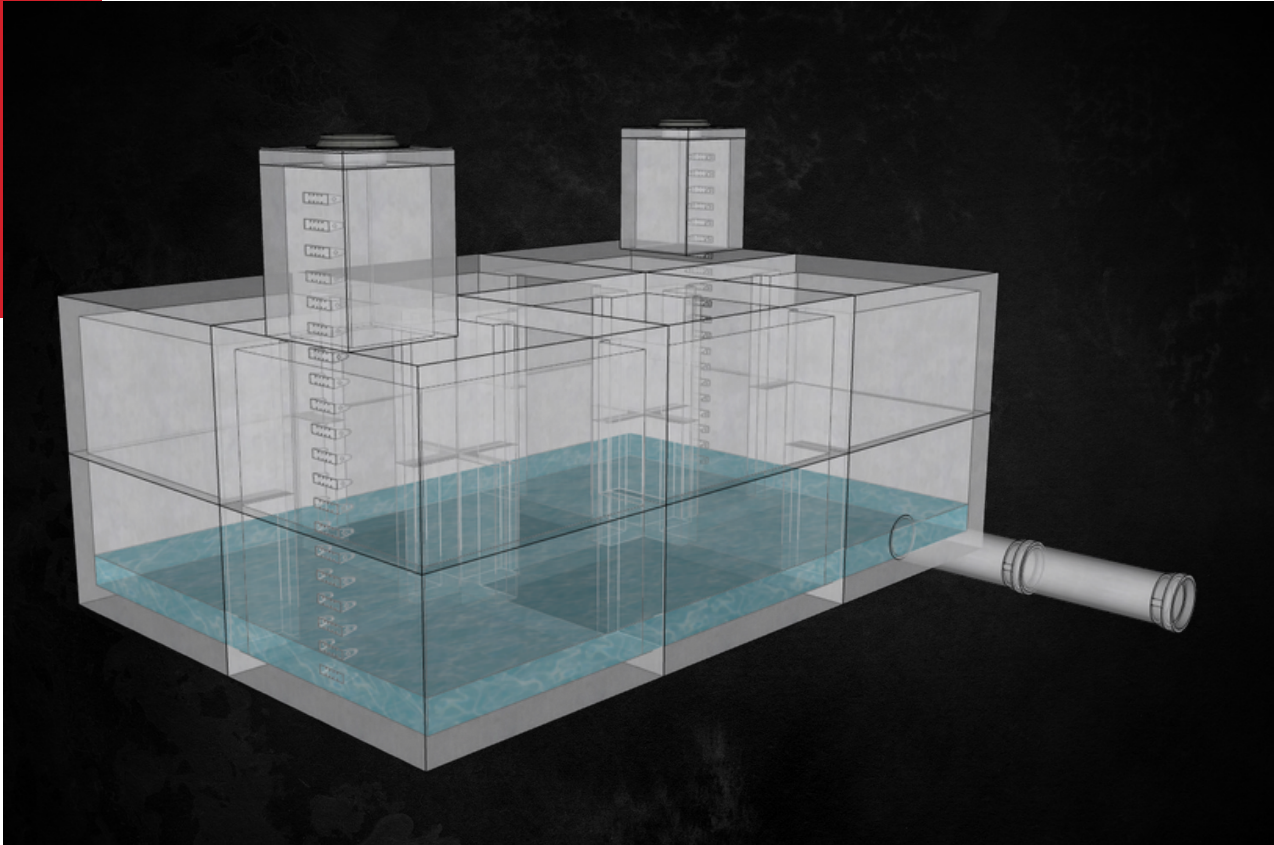
Allows stormwater to infiltrate into the soil, replenishing aquifers and providing natural treatment.

4. WESTCON PRECAST

OIL WATER SEPARATOR

Efficiently separate oil and sediments from stormwater runoff, ensuring cleaner discharge into the environment while complying with regulatory standards.

RainRescue DETENTION



The **RainRescue Detention Solution** is engineered to effectively manage stormwater by detaining it and controlling its discharge rate. This system is ideal for urban areas, as it can be efficiently placed under parking lots and roadways with minimal cover, maximizing land use. It's designed for maintenance, not replacement, and features a structurally superior design that supports vehicular traffic with as little as 6 inches of earth cover. The system's efficiency is enhanced by its large storage capacity and innovative design, which reduces reliance on traditional materials and simplifies installation.

Environmental Protection

- Reduces surface water runoff and erosion.
- Promotes groundwater recharge.
- Enhances local water quality.
- Supports biodiversity in urban areas.

Structural Integrity

- Engineered for high-load capacity and durability.
- Resistant to various environmental conditions.
- Robust design ensures longevity under traffic.
- Complies with industry standards for structural safety.

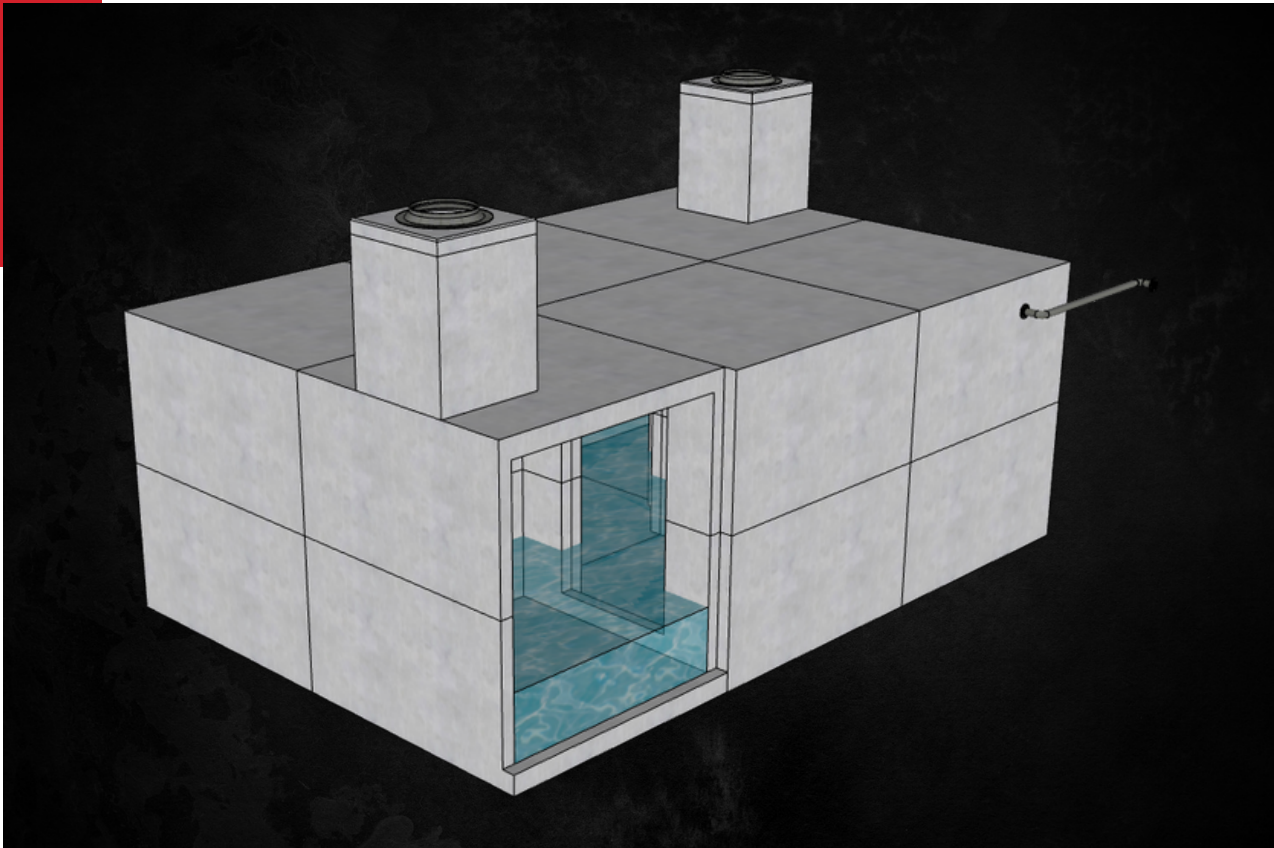
Maintainable

- Easy inspection and maintenance access.
- Durable design for long-term use.
- Minimal upkeep requirements.
- Adaptable for various urban settings.

Economical

- Reduces long-term operational costs.
- Efficient land usage maximizes space.
- Lowers infrastructure strain, saving resources.
- Quick installation minimizes labor expenses.

RainRescue RETENTION



The **RainRescue Retention Solution** is designed for effective stormwater management, focusing on storing water for future use. It's ideal for areas where water conservation and reuse are priorities. This system not only helps in reducing stormwater runoff and mitigating flooding but also supports sustainable practices by retaining water for irrigation, industrial use, or groundwater recharge. It is engineered for reliability and efficiency, ensuring long-term functionality and environmental benefits.

Environmental Protection

- Reduces surface water runoff and erosion.
- Promotes groundwater recharge.
- Enhances local water quality.
- Supports biodiversity in urban areas.

Structural Integrity

- Engineered for high-load capacity and durability.
- Resistant to various environmental conditions.
- Robust design ensures longevity under traffic.
- Complies with industry standards for structural safety.

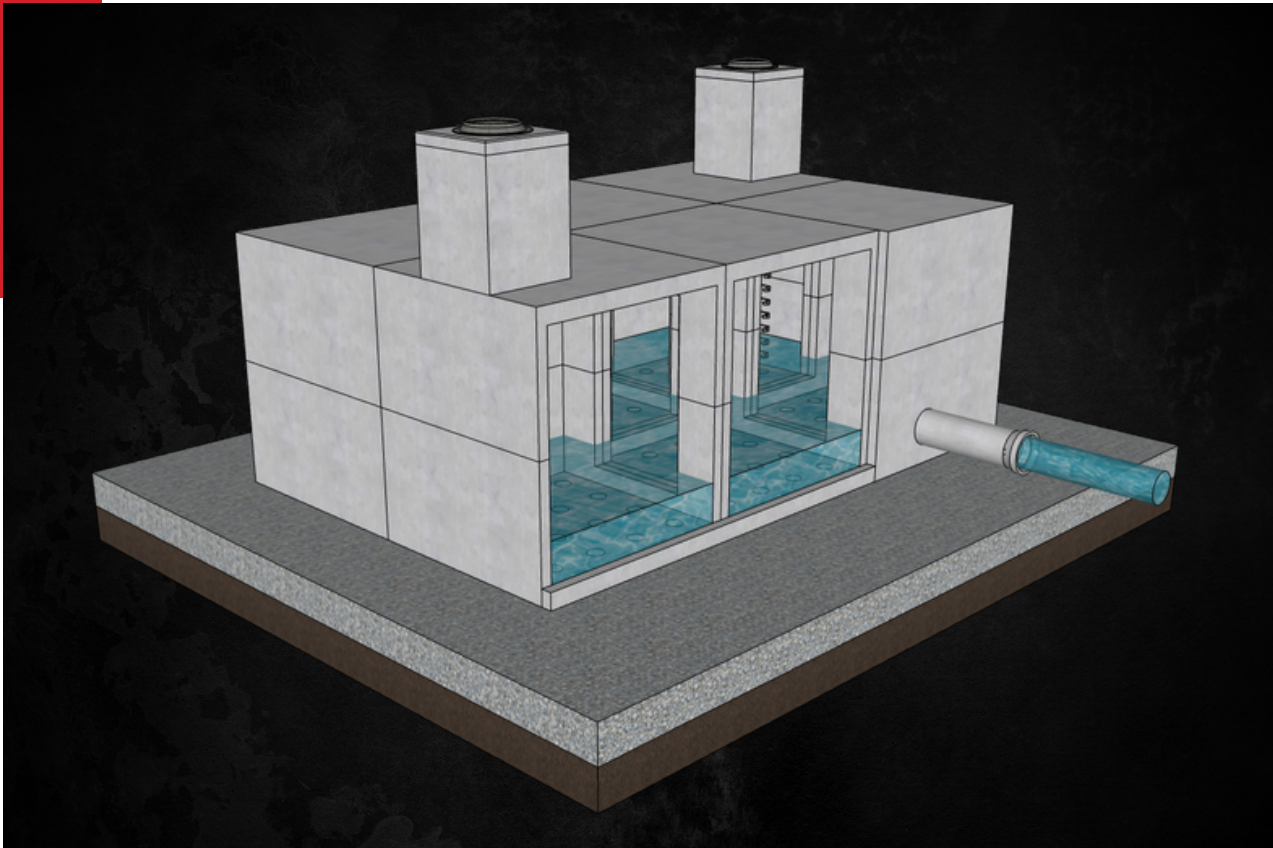
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RainRescue INFILTRATION



The **RainRescue Infiltration Solution** is specifically designed to facilitate the natural percolation of stormwater into the ground. This method is crucial for recharging groundwater aquifers and maintaining the natural hydrological cycle. It is particularly beneficial in areas aiming for Low-Impact Development, helping to minimize the impact of urbanization on the environment. The system's design ensures efficient water absorption into the soil, making it an essential component in sustainable urban water management.

Environmental Protection

- Enhances the natural replenishment of aquifers.
- Minimizes stormwater runoff, lowering flood risks.
- Maintains natural hydrological cycles, supporting local ecosystems.

Structural Integrity

- Engineered for high-load capacity and durability.
- Resistant to various environmental conditions.
- Robust design ensures longevity under traffic.
- Complies with industry standards for structural safety.

Maintainable

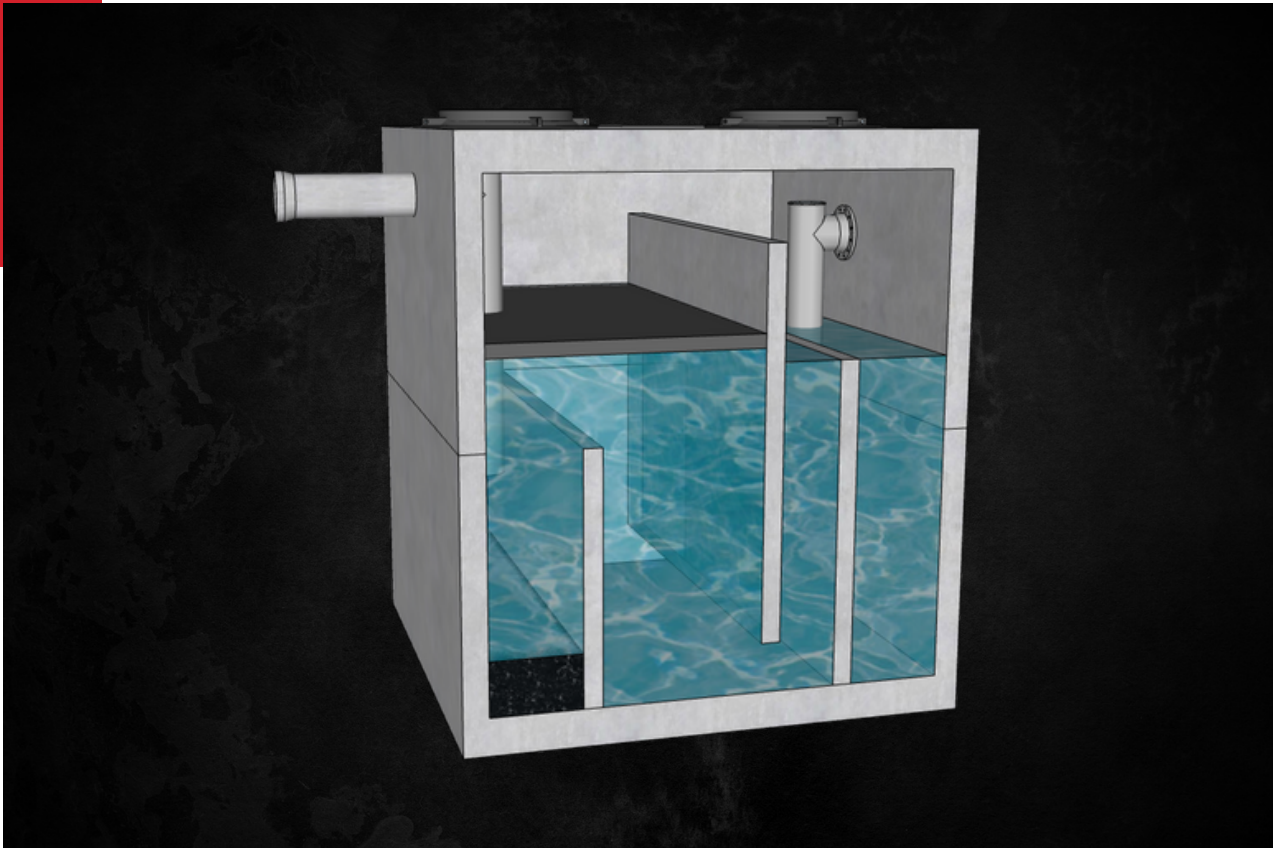
- Easy inspection and maintenance access.
- Durable design for long-term use.
- Minimal upkeep requirements.
- Adaptable for various urban settings.

Economical

- Reduces long-term operational costs.
- Efficient land usage maximizes space.
- Lowers infrastructure strain, saving resources.
- Quick installation minimizes labor expenses.

RainRescue

OIL-WATER SEPARATOR



The **RainRescue Oil-Water Separator** is a highly efficient system designed for environmental protection in stormwater management. It effectively separates oil and grit from stormwater, ensuring the discharge is cleaner and safer for the environment. This system is crucial in areas where stormwater is likely to be contaminated with vehicular or industrial pollutants. It's a key component in achieving environmental compliance and promoting sustainable water management practices in urban and industrial settings.

Environmental Protection

- Effectively filters out oil and sediment, reducing water pollution.
- Improves the quality of stormwater before it enters natural water bodies.
- Helps protect aquatic life and maintains the health of local ecosystems.

Structural Integrity

- Engineered for high-load capacity and durability.
- Resistant to various environmental conditions.
- Robust design ensures longevity under traffic.
- Complies with industry standards for structural safety.

Maintainable

- Easy inspection and maintenance access.
- Durable design for long-term use.
- Minimal upkeep requirements.
- Adaptable for various urban settings.

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