



A CASE STUDY IN SUPPLYING AND ASSISTING WITH TRENCH DRAIN INSTALLATION

for a John Deere Distributorship in Central New Jersey

INTRODUCTION

Swift Drain, a leading provider of high-quality trench drain solutions, was contracted to supply and provide installation assistance for trench drains at a John Deere distributorship located in central New Jersey.

This case study showcases Swift Drain's expertise in delivering an 8-inch wide, fiber reinforced concrete

trench drain system spanning approximately 40 linear feet. The project also included the supply of an in-line catch basin with class E ductile iron grates.

Swift Drain played a crucial role in assisting with the installation process to ensure optimal performance and functionality.

CLIENT BACKGROUND

The John Deere distributorship in central New Jersey serves as a key distribution center for John Deere agricultural equipment, machinery, and parts in the region. To maintain efficient operations and mitigate potential hazards caused by water accumulation, the facility required a reliable trench drain system to effectively manage water runoff.

PROJECT SCOPE

The project aimed to supply a heavy-duty trench drain system that would efficiently collect and channel water away from critical areas within the parking lot. The trench drain system was strategically installed in areas prone to water accumulation, near the service bays and loading dock.

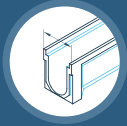
SWIFT DRAIN'S SOLUTION

Swift Drain recommended an 8-inch wide trench drain system made of fiber reinforced concrete, renowned for its durability and load-bearing capabilities.

The fiber reinforcement provided increased strength, ensuring longevity and resistance to heavy machinery traffic commonly associated with the distributorship's operations.



TRENCH DRAIN SYSTEM SPECIFICATIONS



TRENCH DRAIN WIDTH
8 inches



MATERIAL
Fiber reinforced concrete



LINEAR FEET
Approximately 40 feet



CATCH BASIN
In-line catch basin integrated into the system



GRATES
Class E ductile iron grates for enhanced strength and durability

Installation Assistance

While Swift drain supplied the trench drain system, the company also played a vital role in assisting with the installation process. Swift drain's experienced team worked closely with the client's installation crew, providing guidance, expertise, and support to ensure a successful and proper installation.



IMPLEMENTATION PROCESS

To deliver the project successfully, Swift drain engaged in the following steps

Consultation and Design

Swift drain collaborated closely with the John Deere distributorship to understand their specific requirements and challenges. Based on these discussions, Swift drain designed a customized trench drain system that met the client's needs and complied with industry standards.

Product Procurement and Delivery

Once the design was finalized, Swift drain sourced the necessary materials, including the fiber reinforced concrete trench sections, in-line catch basin, and class E ductile iron grates. All products were carefully inspected for quality assurance before being delivered to the project site.

Installation Assistance

Swift drain's experts worked side by side with the client's installation team, providing guidance and support throughout the installation process. Swift drain offered expertise on proper excavation, alignment, slope, and connection of the trench drain sections, ensuring adherence to industry best practices.

Catch Basin Integration and Grate Installation

Swift drain played a crucial role in the integration of the in-line catch basin into the trench drain system. Additionally, the company assisted with the proper installation of the class E ductile iron grates, ensuring secure attachment to the trench drain sections.

PROJECT COMPLETION AND RESULTS

The project was successfully delivered within the agreed-upon timeline, providing the client with a reliable solution to effectively manage water runoff.

Benefits and Outcomes

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Benefits and Outcomes

- Efficient water drainage: The trench drain system effectively collects and channels water away from critical areas, minimizing the risk of standing water and associated hazards.
- Durability and longevity: The fiber-reinforced concrete trench drain is heavy-duty and built to last.