

Hamilton, ON Industrial Building

Year of Construction: 2023

Location: Hamilton, ON

Product Installed: HydroChain Stormwater System

System: Stormwater Management

CASE STUDY

CHALLENGE

Design and install a subsurface stormwater management system to manage runoff at a new industrial facility with limited space due to an expansive building footprint, parking areas and loading docks.

SOLUTION

HydroChain Stormwater System was chosen to meet the project's requirements with a storage capacity of 242 m3 to effectively manage runoff within the constrained site.

SPECIAL NOTE

The solution included 184 HydroChain S-29 chambers (arranged in 4 rows of 46). These chambers, are lightweight, modular in design and easy to handle, allowing for efficient labour-saving installation. Each chamber was installed manually by a small crew, significantly reducing heavy equipment needs and installation time. The open bottom feature of the chambers promotes gradual infiltration into the surrounding soil, enhancing filtration.

Overflow water is directed to a ditch adjacent to the property, supporting a controlled discharge without overloading local drainage systems.

The HydroChain system conserves valuable land space and supports sustainable water management. It delivers a reliable stormwater solution tailored to the demands of a densely developed industrial site.

