



GREEN MGMT SYSTEM[®]

Stormwater Management Systems

TECHNICAL DATA SHEET

Manufactured by

HULKO[®] Steel Pipe
Technology



DETENTION • RETENTION • INFILTRATION



HIGH
DURABILITY



STRENGTH
& RELIABILITY



EASY
INSTALLATION



LOW LIFE-
CYCLE COST



SUSTAINABILITY
& EFFICIENCY

SYSTEM OVERVIEW

GREEN MGMT SYSTEM®

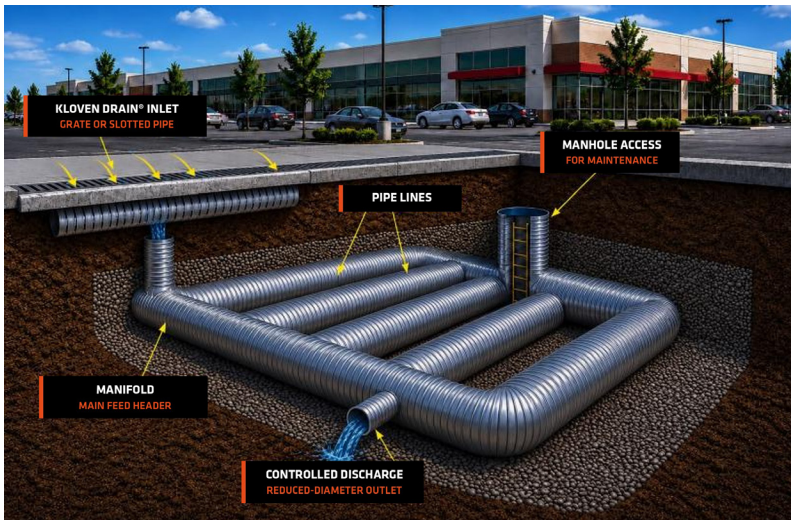
GREEN MGMT SYSTEM® Stormwater Management Systems, manufactured from helically corrugated aluminized steel pipe, are flow-control systems generally used in urban areas. Their primary purpose is to capture the volume of water generated during storm events, store that volume for the calculated duration of the rainfall event or peak flow, and release it in a controlled manner through a smaller-diameter outlet to a channel, stream, or collector, thereby helping prevent flooding in urban areas.



URBAN FLOODING CAUSED BY INSUFFICIENT STORMWATER CAPACITY

Stormwater Management Systems provide an alternative to open-air detention basins and offer several technical advantages, including the ability to use the surface area as open space, a roadway, a parking area, a green area, or a recreation area. The system can be adapted to the geometry and conditions of the project site, allowing different storage capacities and system configurations.

Because the systems are buried and water continues to flow, they help prevent sources of contamination, mosquitoes, and unpleasant odors. Installation and maintenance are simple and fast. Water can also be filtered for primary treatment so it may be used for irrigation or washing, or simply to promote infiltration (when perforated pipe is used), thereby helping recharge groundwater aquifers.



TYPICAL GREEN MGMT SYSTEM® CONFIGURATION

SYSTEM COMPONENTS

GREEN MGMT SYSTEM® underground systems provide flexibility and customization options to accommodate a wide range of design conditions and storage volume requirements.

The main components of the stormwater regulation system are:

- Manifold
- Pipe lines
- Manhole access
- Controlled discharge pipe

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DESIGN & APPLICATIONS

ENGINEERED FOR EVERY PROJECT

Stormwater Management Systems can be installed with special fittings and connections that complement and improve design efficiency.

GREEN MGMT SYSTEM® Stormwater Management Systems, manufactured from helically corrugated aluminized and galvanized steel pipe, are ideal for industrial, residential, and urban projects where stormwater volumes must be captured, regulated, and discharged in a controlled manner. With the wide range of pipe diameters and gauges offered by **HULKO STEEL PIPE®**, systems can be designed to meet the specific requirements of each project.

The system can include vertical manholes that provide access for system operation and maintenance.



PARALLEL PIPE-LINE DETENTION BED BENEATH A PARKING AREA

DESIGN RECOMMENDATION

Consider the return period specified for the project and, based on a hydrologic analysis, determine the volume required for capture, storage, and regulation. Stormwater collection and conveyance can be carried out using **KLOVEN DRAIN®** pipe, which captures and conveys surface runoff to the **GREEN MGMT SYSTEM®**.



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