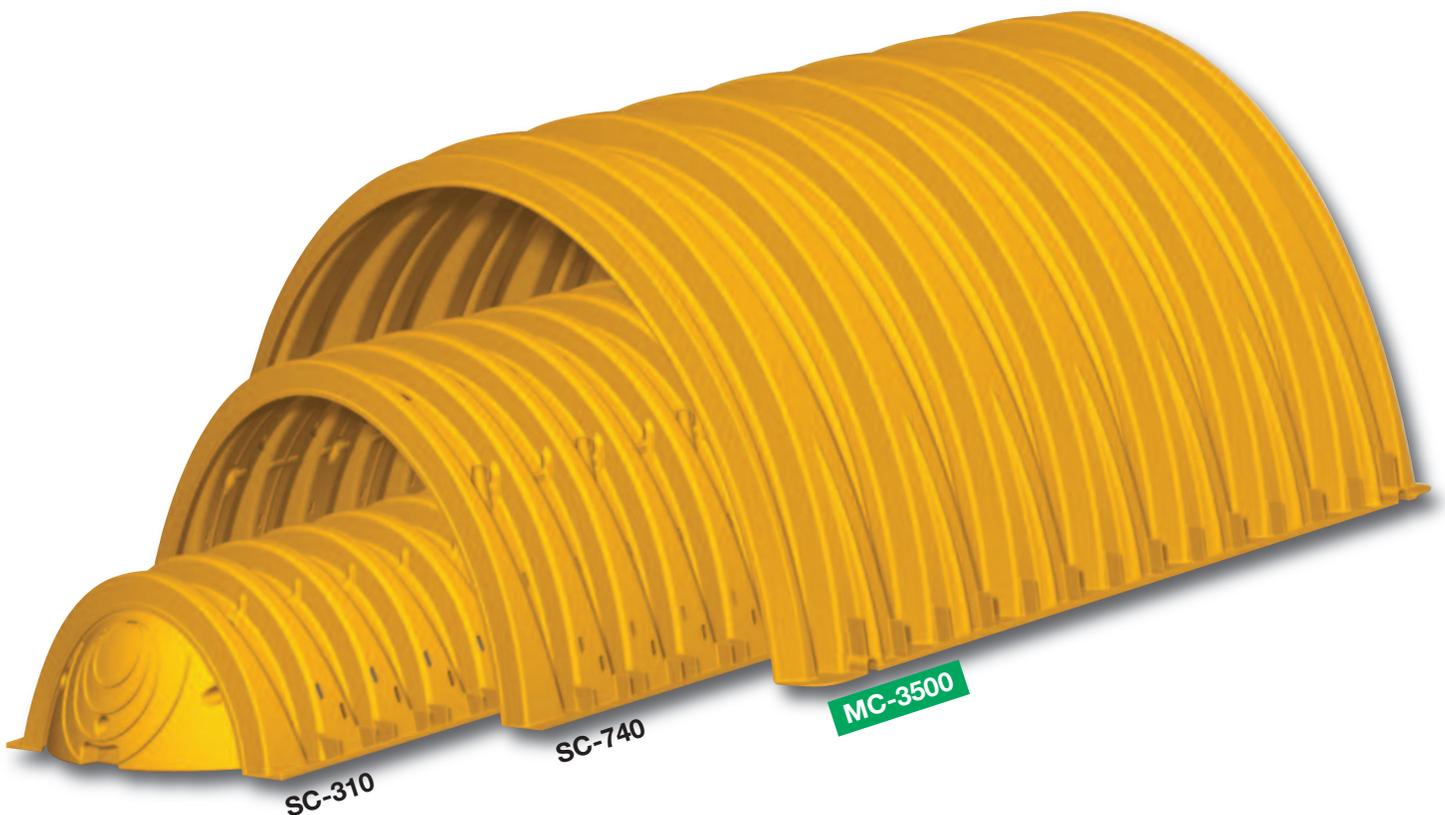


Proven Engineering Design... Just Got Bigger



MC-3500 Large Capacity Chamber Reduces System Footprint... Providing More Useable Land for Development

- True Elliptical Arch Design
- Open Chamber Design
- Meets or Exceeds AASHTO LRFD Design Specifications
- Injection Molded
- Simple to Install
- Cost Effective System



StormTech® Subsurface Stormwater Management

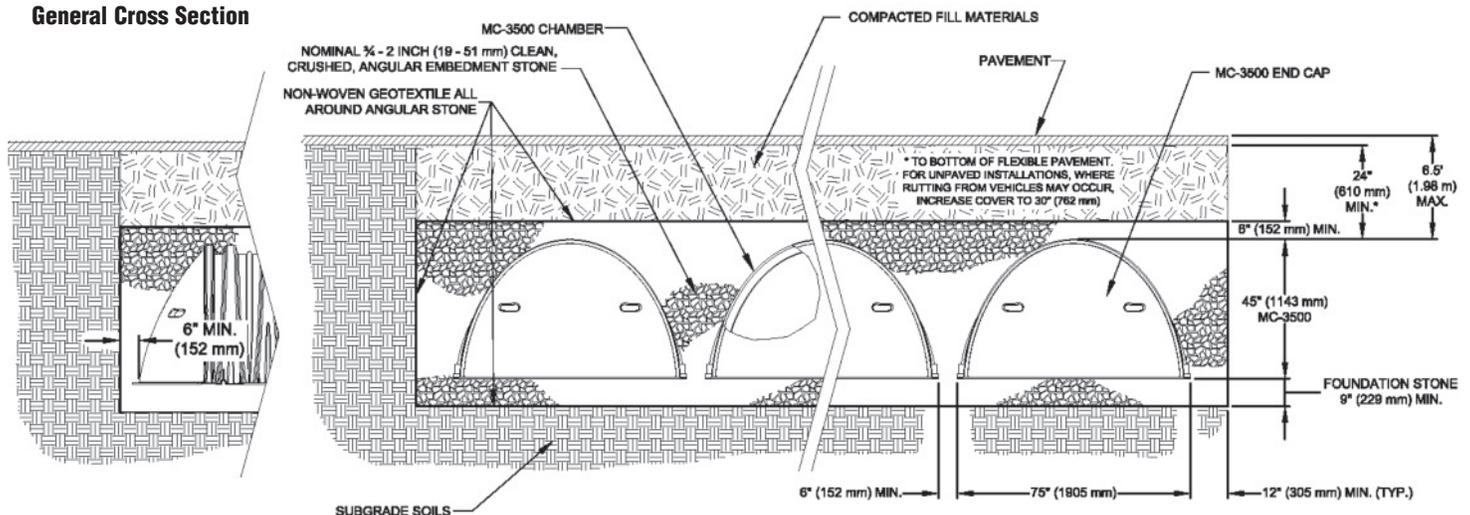
StormTech has thousands of chamber systems in service throughout the world. All our chambers are designed to meet the most stringent industry performance standards for superior structural integrity. The StormTech system is designed primarily to be used under parking lots, roadways and heavy earth loads saving valuable land and protecting water resources for commercial and municipal applications. In our continuing desire to answer designers' challenges, we have added yet another chamber to our family of products providing engineers, developers, regulators and contractors with additional site specific flexibility. With the introduction of the MC-3500 chamber, StormTech's proven engineering design just got bigger.

At 45 inches (1143 mm) tall and 75 inches (1905 mm) wide, the MC-3500 provides additional volume per square foot thus allowing this chamber system to fit in a smaller footprint at a competitive cost. The MC-3500 incorporates the time tested features of the SC-310 and SC-740 chambers. Our patented true elliptical arch design is at the core of our proven structural success. When the MC-3500 was under development our mission was to meet or exceed the structural standards of our existing chamber products. The design of a larger chamber in the same tradition of our other chambers required the collaboration of experts in soil-structure interaction, plastics and manufacturing. Years of extensive research, including lab testing and field verification, were required to produce a chamber that is ready to meet both the rigors of installation and the longevity expected by engineers, regulators, contractors and owners.

The MC-3500 Provides...

- Large capacity that *fits in very tight footprints* providing developers with more useable land for development.
- *A proven attenuation alternative* to cumbersome large diameter metal pipe or unproven plastic crates and multi-layer systems.
- Provides the *reliability* of concrete vaults at a competitive price.
- The robust *continuous true elliptical arch design* effectively transfers loads to the surrounding backfill providing the long-term safety factors required by AASHTO. Offers developers a cost-effective underground system that will perform as designed for decades.
- *Designed in accordance with the AASHTO LRFD Bridge Design Specifications* providing engineers with a structural performance standard for live and long-term dead loads.
- *Polypropylene* resins tested using ASTM standards to ensure long and short-term structural properties.
- *Injection molded* for uniform wall thickness and repeatable quality.
- Incorporates the university *tested and patented Isolator™ Row* for maintenance and long-term performance.
- Incorporates *traditional manifold/header designs* using conventional hydraulic equations that can easily verify flow equalization and scour velocity.
- *Open chamber design* requiring only one chamber model to construct each row assuring ease of construction and no repeating end walls to obstruct access or flow.

General Cross Section



NOTES:

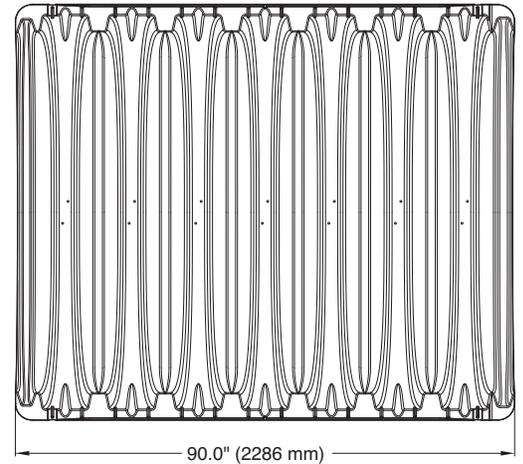
1. THIS CROSS SECTION PROVIDES GENERAL INFORMATION FOR THE MC-3500 CHAMBER. STORMTECH MC-3500 CHAMBERS MUST BE DESIGNED AND INSTALLED IN ACCORDANCE WITH THE MC-3500 DESIGN MANUAL AND MC-3500 INSTALLATION INSTRUCTIONS.
2. PROPERLY INSTALLED MC-3500 CHAMBERS PROVIDE THE LOAD FACTORS SPECIFIED IN THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS FOR EARTH AND LIVE LOADS WITH CONSIDERATION FOR IMPACT AND MULTIPLE PRESENCES.

Detention-Retention-Recharge

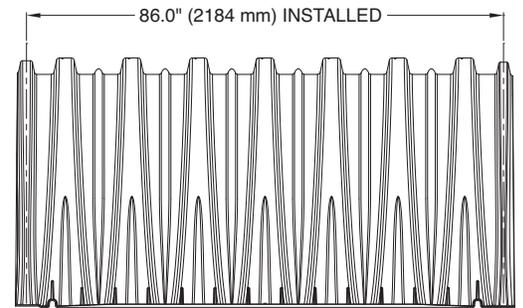
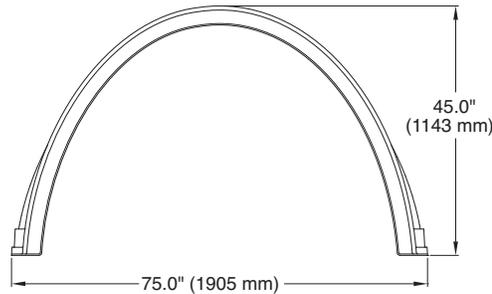
StormTech MC-3500 Chamber (not to scale)

Nominal Chamber Specifications

Size (L x W x H)	90" (2286 mm) x 75" (1905 mm) x 45" (1143 mm)
Chamber Storage	110.0 ft ³ (3.11 m ³)
Min. Installed Storage*	162.8 ft ³ (4.61 m ³)
Weight	124 lbs (56.2 kg)



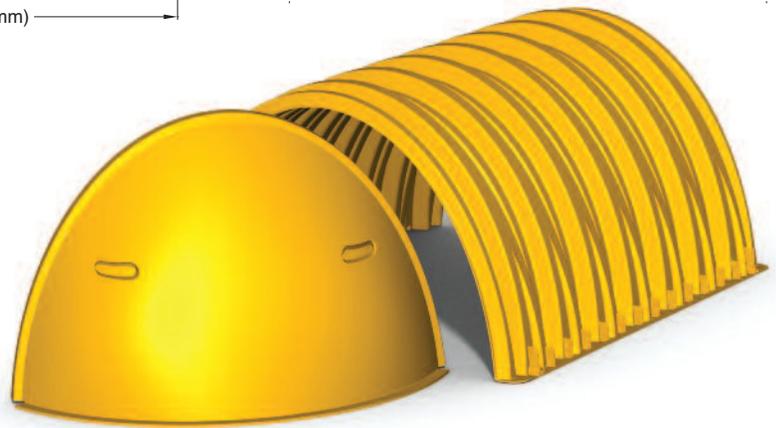
Chamber Joint Overlap



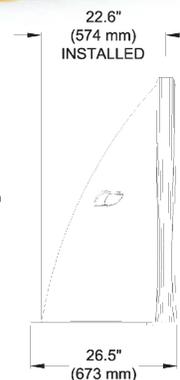
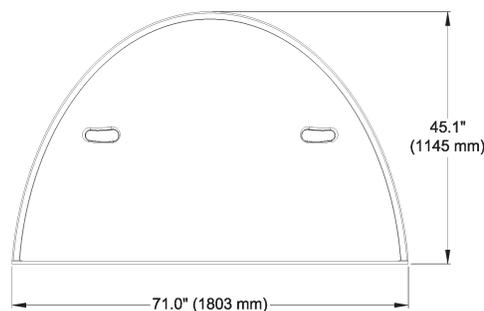
StormTech MC-3500 End Cap (not to scale)

Nominal End Cap Specifications

Size (L x W x H)	26.5" (673 mm) x 71" (1803 mm) x 45.1" (1145 mm)
End Cap Storage	15.6 ft ³ (0.44 m ³)
Min. Installed Storage*	41.6 ft ³ (1.18 m ³)
Weight	43 lbs (19.5 kg)



End Cap Joint Overlap



MC-3500 end caps are available solid or precut for pipe connections

* This assumes a minimum of 6" (152 mm) of stone above, 9" (229 mm) of stone below and 6" (152 mm) of stone between the chambers/end caps and 40% stone porosity. The end cap minimum installed storage also includes the stone storage located in the 6" (152 mm) stone perimeter.

A Family of Products and Services for the Stormwater Industry:



- MC-3500 Chambers and End Caps
- SC-310 Chambers and End Caps
- SC-740 Chambers and End Caps
- SC and MC Fabricated End Caps
- Fabricated Manifold Fittings
- Patented Isolator Row for Maintenance and Water Quality
- Chamber Separation Spacers
- In-House System Layout Assistance
- On-Site Educational Seminars
- Worldwide Technical Sales Group
- Centralized Product Applications Department
- Research and Development Team
- Technical Literature, O&M Manuals and Detailed CAD drawings all downloadable via our Web Site

StormTech provides state of the art products and services that meet or exceed industry performance standards and expectations. We offer designers, regulators, owners and contractors the highest quality products and services for stormwater management that "Saves Valuable Land and Protects Water Resources."

Please contact one of our inside project application professionals or Regional Product Managers (RPMs) to discuss your particular application. A wide variety of technical support material is available in print, electronic media or from our website at www.stormtech.com. For any questions, please call StormTech at 888-892-2694.



Detention • Retention • Recharge

Subsurface Stormwater ManagementSM

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StormTech products are covered by one or more of the following patents: U.S. Patents: 5,401,459; 5,511,903; 5,716,163; 5,588,778; 5,839,844; Canadian Patents: 2,158,418 Other U.S. and Foreign Patents Pending

