

CASE STUDY

Brightview Senior Housing

Lake Tappan, NY

OWNER

Shelter Development, LLC, Lake Tappan, NY

ENGINEER

JMC Site Development Consultants, Armonk, NY

CONTRACTOR

Conserv Construction, Hillburn, NY

INSTALLATION DATE

Spring 2017

PRODUCTS

458 MC-4500 StormTech® Chambers

N-12® Dual Wall HDPE Pipe

14 Nyloplast® Inline Drains

DESCRIPTION

The Brightview Senior Housing Development, a new nursing home complex, had a limited footprint for stormwater drainage that required 79,000 cubic feet (2.2 million liters) of water storage.

The development chose to utilize 458 MC-4500 StormTech Chambers that would be dispersed over four different areas. All of the systems would be installed under parking lots, which required the ability to handle top load strength for vehicles driving and parking on top of the system.

In addition, StormTech Isolator Rows were part of the design. The Isolator Row catches sediment, so it can't settle at the bottom of the bed. Nyloplast Inline Drains were used to capture the stormwater, while N-12 HDPE pipe was used to convey stormwater from the capture phase to the storage in the chamber systems.



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