

PRESTO



GEOWEB® VEGETATED RETAINING WALL SYSTEM



Village of Moreland Hills, Ohio

PROJECT SCOPE: The village of Moreland Hills, Ohio faced a challenge to retain soils in a problematic soft soil area. But, piling systems were expensive and a concrete solution in the natural environment was undesirable. Presto GEOWEB® earth retention system's inherent qualities include its flexibility, ability to withstand reasonable differential settlement in soft soil environments, ability to be vegetated and it's a more economical system that does not require invasive equipment such as augers or H piles. Other wall types were considered including concrete and modular block, but the GEOWEB system was selected for its natural aesthetics and lower cost.

DESIGN & CONSTRUCTION TEAM

Engineer: Jeff Filarski, PE, Chagrin Valley Engineering, Cleveland, Ohio

Owner: Village of Moreland Hills, Ohio

Contractor: Mr. Excavator, Kirtland, Ohio

Material Supplier: Meredith Brothers, Columbus, Ohio

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ENVIRONMENTAL BENEFITS:

- Outer facia provides a natural environment for vegetation.
- Horizontal terraces maximize rainwater collection, minimizing storm water runoff and erosion.
- Contributes to LEED® green building credits for reducing site disturbance and development footprint, reducing stormwater runoff.
- Lifetime solution that is flexible and will not crack with settlement.



FOR MORE INFORMATION:

Manufacturer: Presto Geosystems, Appleton, Wisconsin Ph: 800-548-3424 ■ www.prestogeo.com

Ohio Distributor: Meredith Brothers, Columbus, Ohio Ph: 800-878-4991 ■ www.meredithbrothersinc.com

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