

## CASE STUDY

# Redi-Rock Retaining Walls in New York's Hudson Valley

How Mid-Hudson Concrete Products Worked With Tompkins Excavating to Achieve 3 Stunning Redi-Rock Retaining Walls For a Variety of Customers in NY

### The Benefits of Redi-Rock Retaining Walls

#### Safety

Redi-Rock® walls create usable land. Whether you need to protect a shoreline from erosion, create a bigger backyard, or make room for a parking lot - Redi-Rock can help you find a solution to make the most of your space.

#### Appearance

Redi-Rock blocks look good. That's because each block is cast in a mold taken from real natural stone. MHCP will be able to help you choose color options that match your landscape! See examples of LedgeStone, Cobblestone, and Lime Stone below.

#### Longevity

Redi-Rock blocks are cast using 4,000 PSI (27.6 MPa) concrete. The result is incredibly strong blocks that will stand up to harsh weather, freeze thaw cycles, wave action, and more. You'll find Redi-Rock walls at hospitals, schools, shopping centers, and tons of other locations.



### About Tompkins Excavating

Tompkins Excavating has been serving the Hudson Valley for over 35 years for commercial, municipal, and residential projects. Tompkins Excavating is a woman-owned, family-operated business and a full service excavation company.

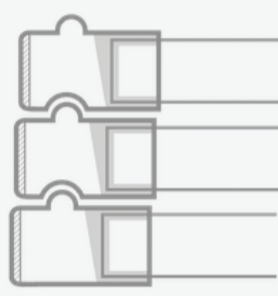
Services include excavating, grading, site utilities, drainage, sewer mains, site concrete, water mains, retaining wall installation, rock removal and crushing, and asphalt paving.

### About Redi-Rock Retaining Walls: Versatile, Durable & Attractive

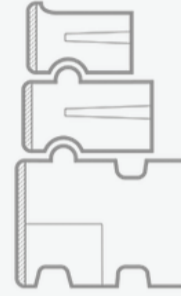
The versatility of the Redi-Rock system allows contractors, retaining wall engineers and landscape architects to create custom retaining wall solutions for a wide range of projects.

The design of the blocks allows for curved walls, 90-degree corners, and more to make a custom wall simple to install. Tall gravity walls are possible with Redi-Rock, meaning you won't have to mess with installing geogrid in many applications.

Building a wall used to mean laying stone walls rock by rock, a time and labor-intensive process. Redi-Rock walls allow complex structural walls to be built quickly. The addition of the ledgeStone finish was a game-changer for our businesses because it looks like real stone so it can be used in residential situations as well as commercial and municipal. The time they take to build now is about 1 week compared to 6 months of traditional wall builds. With Redi-Rock, if you can carry the blocks there you can build a wall there.



Tall Gravity Walls



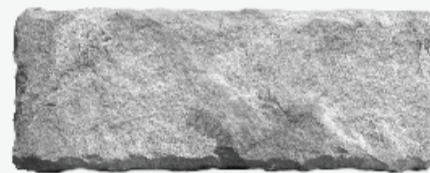
Even Taller Reinforced Walls



LedgeStone



Cobblestone



Lime Stone

## Explore some projects achieved by Tompkins Excavating with Redi-Rock walls provided by Mid-Hudson Concrete Products.

### CareMount Medical Building, Yorktown Heights

**Challenge:** 0 Batter, Property Support

**Specs:** 20ft Tall  
800ft Long  
10 Weeks Total

Tompkins Excavating took on a massive complex for the CareMount medical building in Yorktown Heights. This commercial property needed a retaining wall with 20 feet vertical height. Due to the 0 batter, a geogrid was necessary, which was built during site prep before the building started construction. The wall length is between 7-800 ft long and is freestanding 4 ft above grade. The purpose of this wall is to hold up and support the entire property. The total project time took 10 weeks.



1

### Mohegan Lake Audi

**Challenge:** Need for Tiered Walls

**Specs:** 300ft Long  
6ft Tall  
Less than 1 Week Total

Mid-Hudson Concrete Products delivered Redi-Rock blocks to Tompkins Excavating for Mohegan Lake Audi to create an attractive and functional two-tiered wall. The exposed wall supports the parking lot and runs several hundred feet long. It was easy to construct for Tompkins Excavating and made a former eyesore for neighbors a clean-cut landscape feature.



2

### Trading Post, Putnam Valley

**Challenge:** Access, Proximity to home and existing wall

**Specs:** 120ft Long  
14ft Tall

This residential property included a single-family home already built right next to an old wall, resulting in a tight squeeze for the Tompkins team and the MHCP installers. The solution was to build the wall from the bottom up.

The customer originally wanted the wall to match the color of the house and planned to paint the wall. However, they decided to stick with the natural finish of the ledgeStone blocks when they saw how aesthetically pleasing the wall was on its own. They were able to skip the extra step of painting and the years of maintenance repainting would require ledgeStone blocks look good for years on end.



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### About MHCP

Mid-Hudson Concrete Products is the leading provider of standard and custom precast concrete products, and the exclusive manufacturer of the Redi-Rock retaining wall system.

We're committed to developing long-lasting relationships with our customers by providing quality precast concrete products and exceptional customer service for general contractors, developers, civil engineers, landscape architects, and other construction and design professionals.

As the premier precast concrete manufacturer of the Hudson Valley, we provide reliable service and quality products for residential and commercial projects. We guarantee prompt delivery 6 days a week to Putnam, Orange, Ulster, Westchester, Rockland, and Dutchess Counties in New York.

### The MHCP Process

- 1 Evaluation
- 2 Proposal
- 3 Order
- 4 Delivery
- 5 Installation