

## CASE STUDY



### PROJECT DETAILS

**Project Name:**

Zilber Industrial 3 at  
Business Park of Kenosha

**Location:**

Kenosha, WI

**Project Owner:**

Zilber Property Group

**Project Architect:**

Partners In  
Design Architects

**General Contractor:**

Riley Construction

**Project Contractor:**

Reesman's Service Corp

**Project Engineer:**

Woolpert Engineering

**Product Manufacturer:**

County Materials  
Corporation

**Date:**

2018

**Key Products:**

Integrity™ Retaining  
Wall System

## Integrity™ Retaining Wall System Fulfills Structural and Design Requirements of Expansive Retaining Wall Project

**Solutions:** Tiered retaining wall; proven design flexibility

Project leaders sought a retaining wall solution to protect their investment when constructing a warehouse on this commercial lot. The developed hilly lot required structure to prevent erosion and the costly property damage associated with it. In addition to structural capabilities, the security a retaining wall could also provide was important to the property owner, as the lot borders a heavily traveled interstate corridor without proper barriers.

The tall retaining wall was designed to line the property and split into two tiers on the interstate-facing side of the building. Project leaders relied on County Materials Integrity Retaining Wall System to fulfill the structural and design requirements of the expansive retaining wall project. The inherent strength of Integrity units makes them ideal for challenging applications, including multi-level terraces and slope protection. In addition to their strength, the units are resistant to weather and age and can maintain their appearance over time. Integrity units' require minimal maintenance, allowing property owners to reap the benefits of concrete landscape products for several decades while maintaining low life cycle costs.

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Available in several colors in Splitface and Rustic textures, Integrity units can be used to achieve any desired aesthetic. For this application, a band of complementary colored units were used to visually separate the massive retaining wall where it separates into two tiers, creating dimension. Wall caps also played an integral role in the project's dynamic design, as the caps define the wall's change in height as it slopes to the center of the tiers.

County Materials manufactured and delivered over 10,500sq/ft of Integrity units to construct the sizable retaining wall. Locally available product and exemplary coordination among project leaders attributed to the successful completion of this project.



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