

## GEOTECHNICAL CONSTRUCTION SERVICES

### Stonebrook Development

**Location:**

King of Prussia, PA

**H&K Company:**

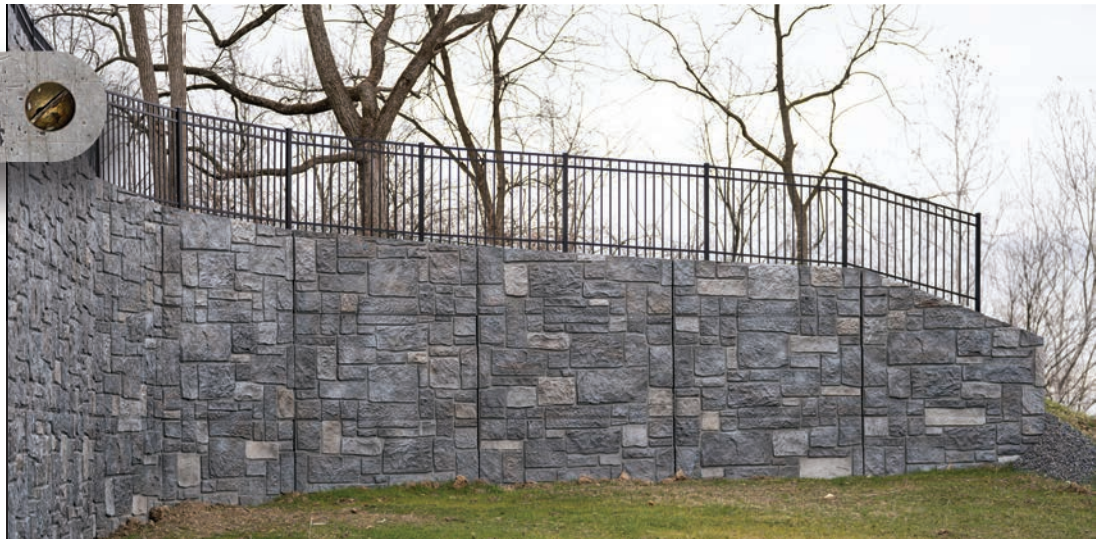
Structures Division

**Owner:**

Toll Brothers

**Project Type:**

Residential Housing Development



**Project Timeline:**

6/2021 to 12/2022

**Services Included:**

- Value Engineered Gravix Retaining Wall System

**Engineer:**

Engineered Earth Solutions LLC

**Additional Project Features:**

- 6,402 Square Feet of 4x8 panel retaining wall system.
- Textured and stained panels utilized for greater visual aesthetics.

**Project Description:**

The existing entrance access had drastic elevation changes along the property lines limiting the functional use of the property. The original concept was for the construction of a steel post and panel retaining wall system. In order to reduce cost and expedite the installation schedule a Value Engineered Gravix panel wall system was utilized. Due to the visibility and proximity of the wall to the town homes, the wall panels were cast with a textured stone finish. Multicolored stains were applied for a natural stone appearance and greater aesthetics. Due to the proprietary design of the Gravix Wall System, on-site soils and/or #57 stone can be used to back fill the wall system.