

case study:
A Work of Art in Landscaping

Pisa2[®]



project details

wall system	owner	design	manufacturer	installer
Pisa2 with Geogrid Reinforcement	Private Residence	Risi Stone Systems, Thornhill, ON	Unilock Chicago Aurora, IL	Fuerte Systems

>> Large Terraces



RisiStone[®]
retaining wall systems

case study:

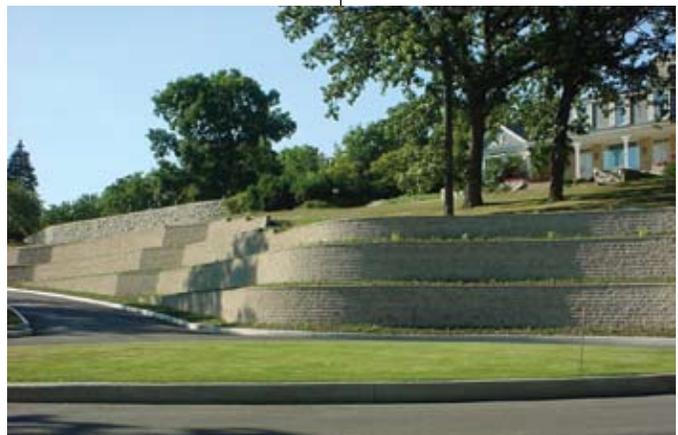
A Work of Art in Landscaping

This project is located in a private residential area in St. Charles, Illinois. The purpose of the project was to create a new access road (Oak Shadows Lane) across the originally sloped bank between the residential building and a pond. Retaining walls were therefore required to maintain the grade differences between the cut slope and the new road. The proposed walls were designed in a terraced arrangement with flowing curves and corners to enhance the beauty of this area. The walls are not only durable, but also complement and mirror the quiet and naturally landscaped neighbourhood.

The Pisa2 system was selected out of a few competitive retaining wall systems for its durability, ease of installation, unique appearance, and for the fact that it is a complete system with the necessary tapered, corner, and coping units to achieve design-required corners and curves. Geogrid reinforcement was utilized in this project to meet the stability requirement.

At the upper bank, four major terraces were constructed for a total height of over 20ft to hold the bank, with any individual terrace reaching a maximum height of 6.5ft. At the lower bank, two terraces were constructed to a total height of over 9ft to retain the new road, with any individual terrace reaching a maximum height of 4.5ft. The minimum separation between each terrace was 5ft.

With the construction now complete, it is clear that the Pisa2 walls have become an essential and harmonious part of this picturesque area.



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