



November 8, 2021

AIL Sound Walls integrate with retaining wall to mitigate rail noise for Maryland seniors' development

The Modena Reserve at Kensington is one of the latest residential developments by Solera Senior Living. Located in Kensington, Maryland, the site lies immediately adjacent to a commuter rail line serving the Capitol District. An efficient and effective noise-mitigation solution was needed and a Silent Protector (Absorptive) system from AIL Sound Walls got the nod for the 440' noise barrier wall.



Project at a glance:

Name: Modena Reserve at Kensington

Location: Kensington, Maryland

Owner: McCaffery

Consultant: Phoenix Noise & Vibration

General Contractor: Wohlsen Construction

Installation Subcontractor: Hercules Fence

Product: Silent Protector (Absorptive)

Sector: Residential Development

Application: Residential Development Sound Walls

Dimensions: 440' long, 12' high

Installation Time: Four weeks

Lightweight and flexible, AIL Sound Walls accommodate site's complexities

Similar to a project we completed for another Maryland development in the area, this site offered only a tight space between the buildings and the rail line. Plus, the noise barrier wall had to integrate with a retaining wall and adapt to grade changes. We also had to seal off gaps at the bottom of the sound barrier wall where it met the sloped caps on the retaining wall.

Experienced installation team helped project run smoothly

This project was being developed for Solera by the McCaffery urban real estate development firm, with Wohlsen Construction as the General Contractor. We were happy to once again be working with the experienced Hercules Fence team as the Installation Subcontractor and we worked closely with Hercules to develop the best attachment design to integrate our sound barrier wall with the concrete retaining wall. A pre-construction meeting and site visit helped ensure all went well. Positive feedback on the sound barrier wall's installation and performance was received from the client.

AIL Sound Walls are ideal for road and rail corridors

Residential developments located near road and rail corridors rely on the excellent sound-mitigation properties of AIL Sound Walls. Their developers know that our system provides economical, long-lasting and effective noise-mitigation solutions that control their costs and keep their residents happy. AIL Sound Walls are also available in a wide variety of colors and textures to enhance the architectural style of any development.

[See all Project Profiles on ailsoundwalls.com](https://ailsoundwalls.com)

