

Home Depot Soundwall

Fredericksburg, VA



Project Description: As part of the Home Depot Development in Fredericksburg, sound walls were required to mitigate sound coming from deliveries to the Home Depot to the adjacent residential developments. In order to provide the most economic system lightweight concrete panels supported by steel posts on 16 foot centers were utilized. Where the walls turned at the property line a 4 foot high retaining wall was required so an MSE wall using wire facing was placed in front of the soundwall to minimize stress on the soundwall panels. Provided on a design/build basis the wall was able to be built economically and quickly to meet Home Depot's schedule and budget.

Owner & Developer: The Silver Company, Fredericksburg, VA

Civil Engineer: Reid, Bagby & Caldwell, Fredericksburg, VA

Geotechnical Engineer: ECS, Ltd., Fredericksburg, VA

Wall Designer: GeoStructures, Inc., Leesburg, VA

Wall Constructor: GeoConstructors, Inc., Leesburg, VA

GeoStructures, Inc.

Engineered Earth Structures & Foundations