

# LIDL GROCERY STORE PARKING LOT RETAINING WALL

## SPARTANBURG, SC



<b>Application:</b>	Block Retaining Wall
<b>AWD Product:</b>	SITEDRAIN C-94 (2' x 100')
<b>Engineer:</b>	ESC Carolinas LLP - Charlotte
<b>Contractor:</b>	Earth Structures, Inc.
<b>Year Completed:</b>	2016

## PROJECT OVERVIEW

ECS Carolinas prepared a special design using SITEDRAIN Chimney Drain in a retaining wall application around the parking lot for the LIDL Grocery Store located on Highway 29 in West Spartanburg, SC.

There was a 10' tall cut block wall constructed around the parking lot. AWD's SITEDRAIN Chimney Drain C-94 was used along the back slope of the wall to provide subsurface drainage and relieve hydrostatic pressure that might build up and cause the retaining wall to fail. The core of the Chimney Drain is perforated, which allows it to collect and drain water from the soil on both sides. This is typically needed when using segmental/block wall systems. AWD's 24" Tee Outlets were used to connect the Chimney Drain to the 4" pipe extending to the weep holes that are draining at the face of the wall.

The material was sold through ACF Environmental and installed by Earth Structures Inc., out of Spartanburg, SC

