

# CORDLANDT CROSSING

MOHEGAN LAKE, NY



CIVIL & SITE  
SOLUTIONS

## PROJECT OVERVIEW

<b>Application:</b>	MSE Retaining Wall
<b>AWD Product:</b>	SITEDRAIN Sheet DS-186 (14,900 SF)
<b>Designer / Engineer (Firm):</b>	Haley & Aldrich
<b>Contractor:</b>	Sentrale Contracting
<b>Year Completed:</b>	2018

## PROJECT OVERVIEW

In order to make full use of the 36 acre commercial property known as Cortlandt Crossing retaining walls were needed to help with the site's topography. MSE retaining walls were chosen for the aesthetics and cost. When it came time to install the walls the contractor intercepted ground water in the cut slope. The engineers at Haley & Aldrich realized that the groundwater needed to be collected before it saturated the reinforced soil section. After conducting a cost analysis the engineer and contractor came to the conclusion that SITEDRAIN DS-186 was the most cost effective solution. This double-sided geocomposite was installed at the interface of the cut slope and backfill which allowed the collection of groundwater from the cut slope, as well as rain water from the reinforced zone. The installation of SITEDRAIN DS-186 prevented soil saturation near the MSE wall and resulted in a longer life expectancy of the wall.

