

EDGEWOOD MIDDLE SCHOOL, MINNESOTA

# Reinforcing slopes in parking lot



**Industry:** Site development  
**Application:** Slope stabilization  
**Location:** St. Mounds View, Minnesota  
**Product:** **PROPEX**® Pyrawall®

## Challenge

**PROPEX** Pyrawall, an engineered wrap-face vegetated solution for constructing reinforced-soil walls and steepened slopes, was selected to reach the desired grade. Initially a modular

## Overview

In 2019, Edgewood Middle School underwent renovations and expansion, including the construction of a new parking lot. To utilize the available property, a wall was needed to create a level surface area for the parking lot.

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## CASE STUDY

Reinforcing slopes in parking lot

block wall was considered, but **PROPEX** Pyrawall was selected because it was a more cost effective and environmentally friendly solution.

## Solution

Eight, one foot, **PROPEX** Pyrawall lifts were constructed to raise the grade for the new parking lot. The wall was fully vegetated within four months of construction, and now blends with the current landscape.



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