



## CASE STUDY EDGEWOOD MIDDLE SCHOOL

Wrapped-face MSE Structure  
St. Mounds View, MN

### PROJECT SUMMARY

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.

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

Eight, one foot, 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.



### PROBLEM

A new parking lot was planned for Edgewood Middle School, but the site grade didn't provide sufficient space



### INSTALLATION

PYRAWALL was used to build a retaining wall with a height of up to eight feet



# PYRAWALL™

Engineered Vegetated Wall System

[PropexGlobal.com/Pyrawall](http://PropexGlobal.com/Pyrawall)

## FEATURES & BENEFITS

- Interlaced bracing provides superior material connection and system performance
- Produces reinforced soil mass to resist lateral earth pressures and provides immediate erosion protection
- Superior UV resistance for up to 75 years of design life
- Is a Vegetated Best Management Practice Solution for NPDES Storm Water Compliance
- Flexibility of product allows for curves to be incorporated along the wall or slope alignment
- On-site soil can be used for infill eliminating the cost and carbon footprint of importing soil



## PERFORMANCE

The wall was fully vegetated within four months of construction, and now blends with the current landscape



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