

GeoWall Designs offers an integrated approach to your geotechnical design needs. With a specialty in earth structures, we offer a wide range of design options and excellent support during the construction of the project. We approach every project with the same innovation and enthusiasm to provide you with the best designs for your construction needs. Let GeoWall Designs help you build successful projects FROM THE GROUND UP!

SEGMENTAL RETAINING WALLS



SRW's are effective and aesthetically pleasing solutions for making more usable space.

REINFORCED SOIL SLOPES



Reinforced Soil Slopes are a cost effective solution where a larger footprint is available.

BIG BLOCK WALLS



Big Block Walls are a great option for walls up to 15 ft. where space is limited and speed of installation is a factor.

SOUND WALLS



Sound Walls are highly effective for the reduction of sound transmissions from roadways into adjacent communities.

MSE FORM WALLS



MSE Form Walls are often used for temporary and permanent applications in wetlands, detention ponds and shoreline repair.

SHEET PILE WALLS



Sheet Pile Walls are ideal solutions when working in limited space or for deeper excavation sites.

SOLDIER PILE WALLS



Solider Pile Walls are best used in "Cut" project applications where excavation behind the wall is restricted.

GABION WALLS



Gabion Walls are rock-filled baskets commonly used as gravity walls in ponds, streams, and limited excavation areas.

GRS/IBS



Geosynthetic Reinforced Soil-Integrated Bridge System (GRS-IBS) is an innovative way to reduce bridge construction time and costs.

SOIL ANCHORS



Soil Anchors are connected to bearing plates and are ideal in stabilizing soil, increasing soil bearing capacity and repairing failing MSE form walls.

HELICAL ANCHORS



Helical Anchors are typically used for foundation support and retaining wall applications with minimal disturbance to surrounding area.

BOULDER WALLS



Natural stone/boulder walls are a highly aesthetic way to blend the reinforced hillside into landscaping.

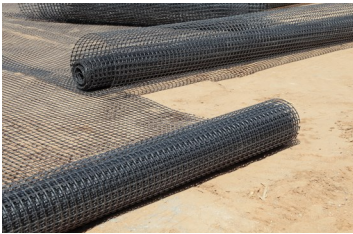
geowalldesigns.com

1205 Cliff Road E. | Burnsville, MN 55337 | Office: (952) 303-4190
info@geowalldesigns.com | engineering@geowalldesigns.com

EARTH RETENTION PRODUCTS

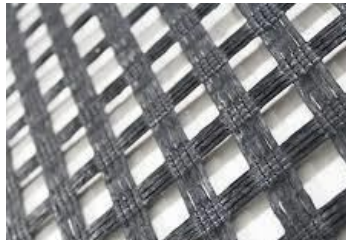
Earth Retention Systems are our specialty. We carry a wide variety of earth retention products, from geogrids and wire forms to fabrics and drainage materials to help you get the job done right. Pick up from one of our Midwest warehouses or have it delivered to your jobsite or yard. Let us help you be successful on your next retention project - Contact us today!

UNIAXIAL GEOGRID



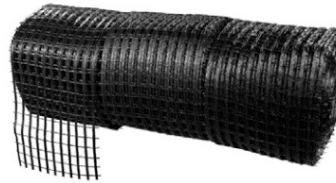
Perfect for both wall & slope applications, biaxial grids are designed to be the same strength in both directions.

BIAXIAL GEOGRID



Designed to be strongest in one direction and typically used for retaining wall projects.

PC GRID



Positive Connection Grid or PC Grid for short is used with large block retaining wall designs.

GEOCELL PRODUCTS



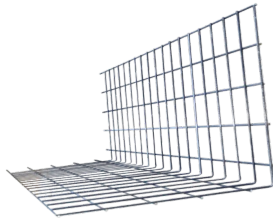
Used to retain soil, strengthen structures & enhance drainage. Ideal for earth stabilization and ground reinforcement.

NONWOVEN FILTER FABRIC



These geotextiles are primarily used to allow water to pass while keeping soil fines from migrating through the fabric.

WELDED WIRE FORMS/BASKETS



Also known as WWF these wire forms are used for a variety of applications, such as temporary walls, "green" plant covered walls or stone faced walls.

DRAINAGE COMPOSITES



Used to protect and/or drain underground structures, drainage composites are useful for erosion control, and removing surface water.

WATER MANAGEMENT PIPES & ACCESSORIES



Most commonly used with retaining walls to drain and control the amount of water behind the wall.

FACE WRAP



Used for soil vegetated slopes that need UV protection to provide sunlight protection until the vegetation is established.

SLEEVE-IT



Pre-engineered fence post anchoring solution ideal for below-grade foundation stability in fences placed above segmental retaining walls.

WALL DRAIN PRO



Used to vent drain pipes to daylight through retaining walls in a visually pleasing way without major modifications to the block.



GEOTECHNICAL SERVICES

GeoServices is excited to announce we are offering a wide variety residential and commercial geotechnical services to bring next level assistance to your projects. Some of the services we have available are:



CONSTRUCTION MATERIALS TESTING (CMT)

We offer a variety of construction materials testing and inspections services. Our team works hard to bring you the highest quality service available.

SOILS & AGGREGATES

Our field testing includes in-place density testing, shear strength testing, bearing capacity and more. We examine the samples in our lab and provide you with quality reports on their properties.

CONCRETE

Testing is done in the field and in the lab to provide you with the information you need. Fresh concrete is tested in the field to make sure that it meets specifications. We test for strength in the lab determine the compressive and flexural strength of the concrete.



SPECIALIZED TESTING

GeoServices can help you with excavation observations, infiltration testing, piling inspections, vibration monitoring, ground penetrating radar, density testing, conditional, pre-construction, and

VIBRATION MONITORING

Construction on projects can cause damage to surrounding structures due to extreme ground vibration. We help to minimize this risk with monitoring equipment that continuously checks for vibration and noise. Allowing us to assess concerns and resolve issues before they become problems.



PROJECT MANAGEMENT & ADMINISTRATION

Managing your projects takes more than just setting budgets and timelines. They need a quality team to provide ongoing support from project start to finish, while working to improve the overall project experience. Our team will help to identify potential concerns before they become problems.

SUBSURFACE EXPLORATIONS & LAB TESTING

Subsurface exploration is just one more geotechnical service we provide. We will drill and take samples as well as testing in our lab. Some of these services include:

- Hand Augers
- Dynamics Cone Penetrometers (DCPs)
- Test Pits
- Soil Classifications
- Proctor Testing
- Comprehensive Geotechnical Reports
- Full Rig Drilling

geoengservices.com

1205 Cliff Road E. | Burnsville, MN 55337 | Office: (952) 303-4190
info@geoengservices.com | engineering@geoengservices.com