

Get to Work

With Mulder's Landscape Supplies!

Our location features not only a large selection of quality bulk products, such as soils, bark mulches, and stone, but also has a fully stocked nursery with a variety of trees and shrubs.

In addition, we offer delivery service with our trucks being able to haul up to 35 cubic yards of some products. We also have a vast selection of tools so you can do the job right, including rakes, shovels, as well as grass seeds, and fertilizer to make your yard the envy of the neighborhood.



MULDER'S LANDSCAPE SUPPLIES, INC.

3383 Ravine Road, Kalamazoo, MI 49006
Ph 269.345.6900 | Fx 269.345.5970

info@mulderslandscape.com
mulderslandscape.com



BUILD A Timber Retaining Wall

At Mulder's Landscape Supplies, we value all customers from beginning gardeners to seasoned landscapers.

We have been locally owned since 1984 and continue to be one of the leading landscape suppliers in Southwest Michigan.

Our Products:

- Stone
- Boulders
- Rockwood Block
- Brick Pavers
- Timbers
- Edging
- Tools
- Wheelbarrows
- Soil
- Mulch
- Grass Seed
- Fertilizer
- Processed Manure
- Compost





PROFESSIONAL TIP

USE PRESSURE TREATED LUMBER

We suggest using pressure treated lumber materials. Pressure treated lumber will usually last 20-30 years if installed correctly.

We do not recommend 4"x4" timbers because they are not strong enough. We can provide with you the suggested 5"x5" or 6"x6" wood timber to ensure a quality wall.



NEED HELP?

Phone: 269.345.6900

Website: mulderslandscape.com

Email: info@mulderslandscape.com

- 1 Preparing the Site** Dig out a small hill, creating a level base for the timbers, being careful not to disturb the soil you are going to leave in place. Beyond the dimension of the timbers, allow a 12" space for the crushed rock back fill between the designed wall and the back of the hill.
- 2 Build the Wood Timber Wall** To begin building the wall, dig a trench 6 inches deeper than the thickness of one timber. Spread a layer of crushed stone in the trench and tamp down to provide a level surface. Lay your first row of timbers, making sure they are level from side to side and front to back. Each row of wood timbers should be set with a ½" batter. This is accomplished by setting each new row ½" behind the proceeding row.
- 3 Anchor the Timbers** This will cause the wall to tilt slightly toward the hillside. Use 12" galvanized spikes or screws to anchor the ends of each timber, connecting them to the underlying rows. Stagger the ends of the timbers at the corners to form stronger joints. Lay more rows of timbers, making sure to stagger the joints.

- 4 Add Crushed Rocks** Add crushed rock behind the timber wall at a width of at least 12" behind the bottom row. Lay perforated drainpipe across the entire length of the wall. Place the pipe with the perforations down to allow for water drainage. Make sure at least one end of the drainpipe is open to an area that can accommodate the runoff of water.
- 5 Install Deadmen** Install "deadmen" spacing them 4 feet apart, midway up the wall. "Deadmen" are timber extensions that extend into the hillside from the back wall. Deadmen will prevent the wall from sagging. Build a deadmen by joining two 3' lengths of timber material into a "T" shape using 12" spikes. The cross of the "T" will lay into the hill and the slash of the "T" will insert in the wall where two timbers meet. Anchor the deadmen to the wall with screws or spikes.
- 6 Fill Drainpipe** Fill over the drainpipe with crushed stone to the top of the wall. Remember the depth of the crushed rock should be 12" for timbers. Add remaining timbers and backfill with crushed stone to the desired height of the wall.

