



Retaining Wall Installation Guide

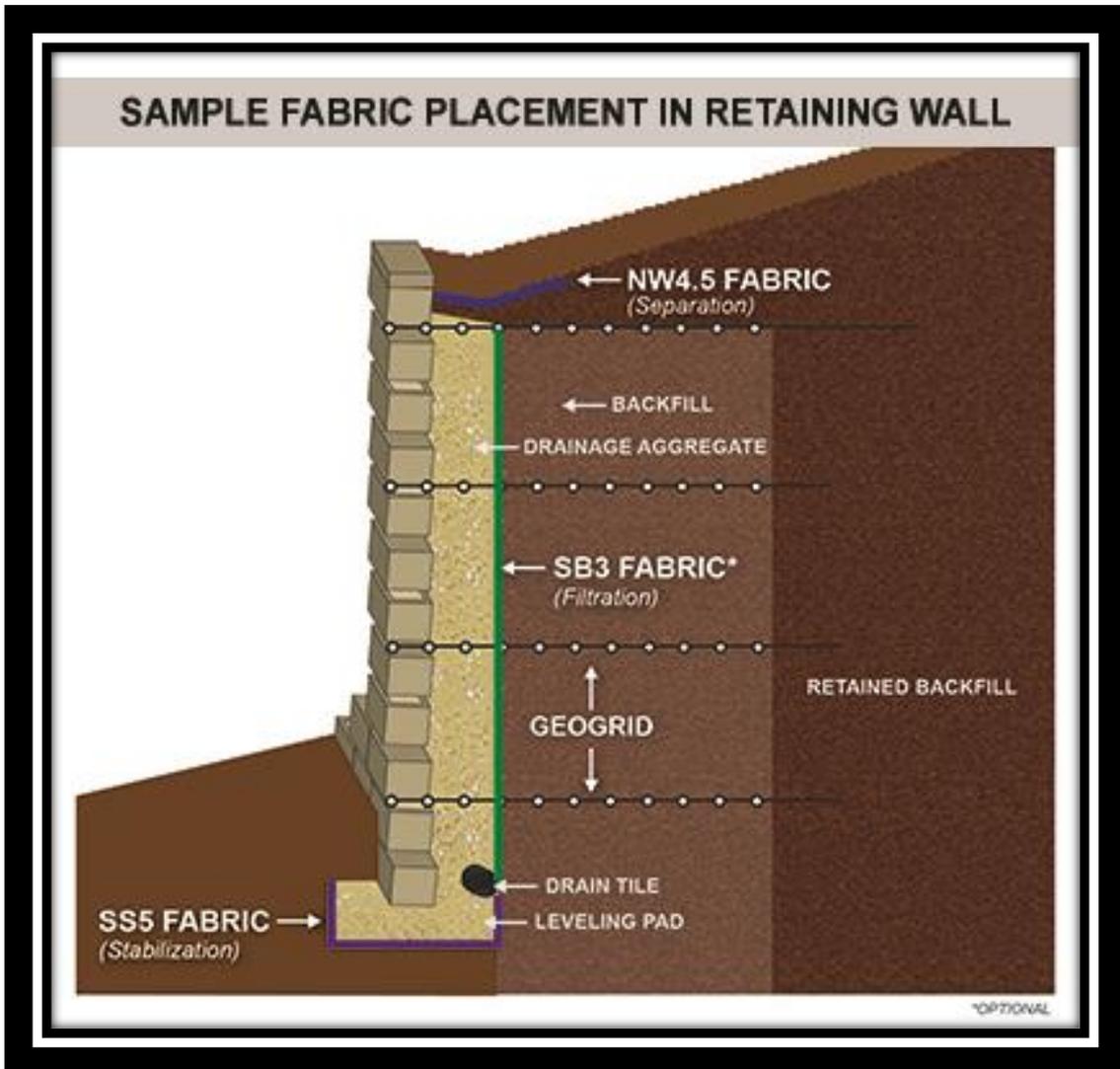
Step One	<p>Verify and stake out your proposed wall location. Before excavating the area for your retaining wall, check with Dig Safe to ensure that digging will not damage underground wires or pipes. Excavate the area for the leveling pad and remove enough soil behind the wall for geo-grid (standard roll is 4' wide) reinforcement if required. The trench dug for the leveling pad should be at least 12" deep and 24" wide.</p> <p>*Consult an engineer for walls over 4 feet tall.*</p>
Step Two	<p>Place a good ¾" minus gravel-base material in the trench and begin compacting in 2" lifts. The leveling pad must extend 6" in front of and 6" behind the first course of block and be 6" deep after compaction. Before adding the base course block, check to make sure the pad is level.</p>
Step Three	<p>Setting the base course is the most important construction step in building a level wall. If possible, try to begin laying the block starting at the lowest elevation. Either remove the rear lip of the block so it lays flat or use a base block such as "Torpedo Block" for the first course. Ten percent of your total wall height should be buried.</p>
Step Four	<p>Place blocks side by side, flush against each other, leveling each front to back and side to side. Run a string line along the back of the base course blocks to align the wall units and keep your grade on track. Install filter fabric behind the base blocks before adding drainage pipe or stone. If a drainage pipe is needed, place it behind the base block before proceeding to the next course. Fill soil in front of base course of blocks and compact.</p>

If you have any questions, call or stop by either of our two locations.

603-749-9797 or 603-431-0088

Step Five
Back fill each course with clean ¾" crushed stone, filling the gaps between stones and the inside holes of each retaining wall block. Place the second course of blocks on top of the base course pulling the blocks all the way forward until the lip catches. Maintain a running bond pattern by staggering the joints of the blocks. Corner blocks are available for the ends of the wall.

Step Six
Use a filter fabric to separate the organic materials from the crushed stone backfill. Some walls will require an extra geogrid reinforcement. Talk to your sales representative about which fabric will work best for your wall application. Drainage requirements will vary depending on specific landscape conditions. Finish your wall by gluing the wall cap to the final row of block.



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