

Specifications for Retaining Wall Installation (v.2.1)

1. Excavation

- A) Sub grade soil to be excavated to a depth of 6" to 12" and a width of 12" to 24", depending on the type of product.
- B) A geotextile membrane will be installed between the natural soil and the crushed stone foundation as needed, depending on the site conditions.

2. Foundation

- A) Crusher Run #1 will be spread, compacted and processed in 3" layers.
- B) The stone will be compacted with a vibrating plate or a hand tamper several times.
- C) 1" of concrete sand will be used over the compacted crusher run as the installation bed.

3. Laying the Retaining Wall

- A) The Retaining wall will be laid on top of the foundation. Each block will be leveled side to side and front to back.
- B) If necessary, the block will be cut with a 14" concrete saw.
- C) All of the ends of the exposed walls will have a finished face similar to the front of the block.

4. Backfilling the wall

- A) A 4" perforated drain will be installed behind the retaining wall if there are any drainage issues.
- B) The 6" to 18" space behind the wall will be filled with washed #1 stone and packed lightly.
- C) Geogrid may be added for additional support (depending on the size of wall).

5. Finishing the wall

- A) A capping module will be added to the top of the wall (depending on the type of wall).
- B) All capping modules will be individually cut to create a tight and even finish.
- C) All capping modules will be glued with a Landscape Block Adhesive.

6. Additional specifications for retaining wall step systems

- A) The foundation and excavation for the step systems is the same as step 1 and 2 shown above.
- B) A 4"x8"x16" concrete block will be used as additional support under the riser of each step.
- C) All steps will have a 5" to 8" finished height.
- D) All steps will be glued with a Landscape Block Adhesive.