

# Installation Guide

Retaining walls under 4 feet high are commonly built as a gravity wall, where the weight and set-back of the units provide resistance (against the earth behind the wall).

1. For your leveling pad (base) dig a trench about 11" deep, 20" long, and 1' more than the length of your wall. Compact the subgrade soil thoroughly and line the excavated area with landscape fabric.
2. In the trench, place approximately 4" to 5" of  $\frac{3}{4}$ " crushed stone (#57 stone) and firmly compact in 2" lifts (stages).
3. On top of the  $\frac{3}{4}$ " stone, place DOT 89 stone or clean  $\frac{1}{4}$ " stone approximately  $\frac{1}{2}$ " to 1" thick. Set and level the first course of wall units, which will be partially buried.
4. Place a perforated pipe behind the wall for drainage and backfill 10" to 12" behind the wall with  $\frac{3}{4}$ " crushed stone. Making sure that the perforated holes are pointed down.
5. Place successive courses by stacking wall units on top of the previous row using the connectors in the appropriate position. Ensure that the wall joints are staggered as you go.
6. Depending on the style of wall, units will interconnect and automatically be set back with the connectors or lip.
7. Backfill with  $\frac{3}{4}$ " crushed stone 12" behind each course and compact.
8. Finish the wall by attaching coping or cap units with quality adhesive.

