

## Retaining Wall

Use of a 'landscape fabric' (geotextile) behind retaining walls helps reduce the hydro-static pressure the build up from water running through the soil and seeking release from behind retaining walls. This pressure can be serve when the retaining wall is also reinforcing a slope and care is needed to selecting the proper materials and design. However a typical design will incorporate an area behind the wall, french drain, to accumulate water run-off, relieving the hydro-static pressure. This relief area is typical an aggregate encased within a nonwoven fabric that keeps the soil from clogging the open space of aggregate.

*Note: The application of this product is most effective on sand or fine aggregate based systems.*

### Step #1

Remove soil from behind the retaining wall and line the wall and slope with fabric. Provide sufficient fabric at both ends that will allow the material to be folded back and complete encase the gravel.

### Step #2

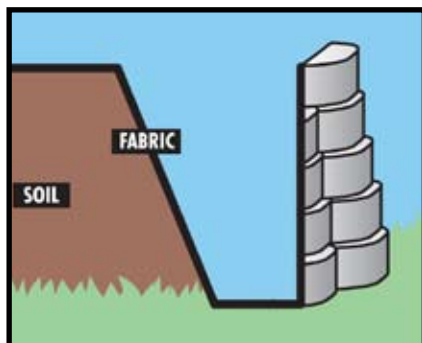
Install a perforated drain pipe along the length of the wall and sloped to an area where you desire the collection of excess water.

### Step #3

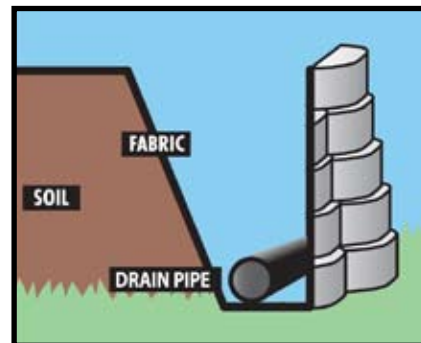
Install the aggregate and cover to completely enclose the area. Be sure to check for desired slope.

**Step #4** Cover the exposed fabric with soil, mulch or stone to improve the appearance and protect the fabric from ultra violet light.

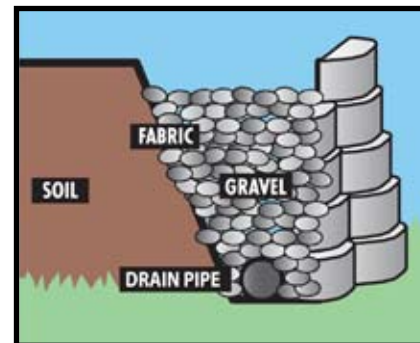
Step #1



Step#2



Step#3



Step#4

