



allanblock.com

Tiered Walls

Terraced walls will give a yard a more aesthetic look.

Designing Tiered Allan Block Retaining Walls

*Building Walls
of Distinction*

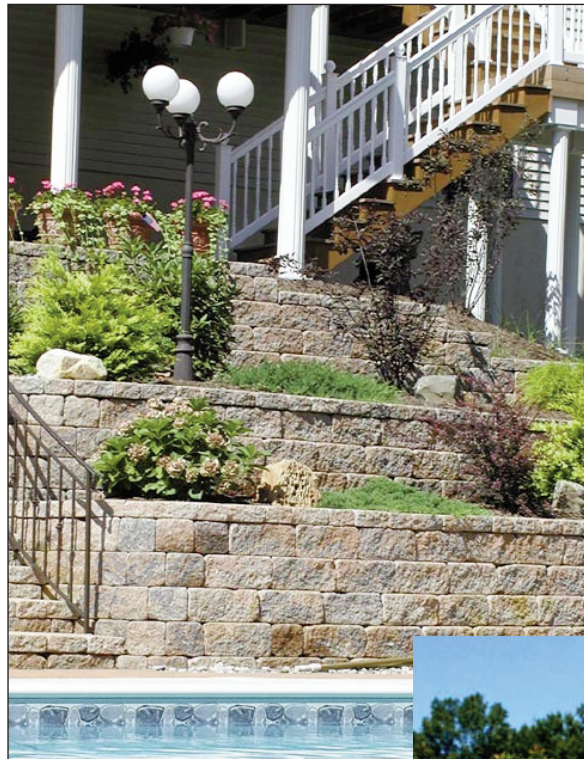
Gravity Wall

Walls that rely on their own strength to hold up the soil behind them.

Reinforced Walls

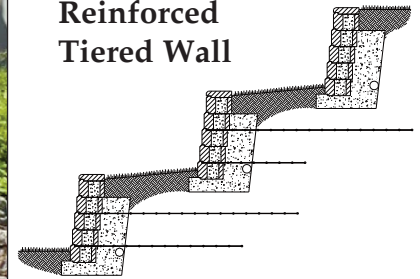
Walls that need added reinforcement to hold up the soil behind them.

allanblock.com



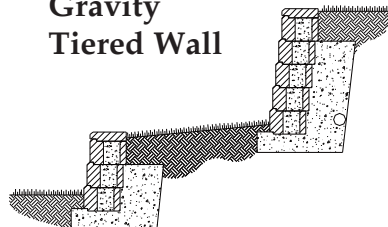
**Terracing
brings life to a
hillside.**

Reinforced
Tiered Wall



**Terracing, as a design
element, can be traced
back to ancient
Roman gardens.**

Gravity
Tiered Wall



Tiered Walls



Allan Block Tiered Walls

Terraced walls can create more usable space, tame slopes, build raised gardens and can add interest to your landscape.

A series of flat terraces is much more suitable for landscaping than a large uniform steep slope. In many situations, terracing is the only means by which land can be made suitable for gardening or landscaping. Such a situation is common for small residential plots that lie entirely within a sloped land area.



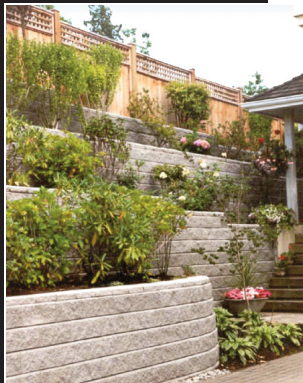
Terracing can prevent erosion by shortening the long slope into a series of shorter, more level steps, which allows heavy rains to soak into the soil rather than run off and cause erosion.

Steep hillsides, because of their nature, are often times very hard to manage. Terracing can improve the safety of a slope while adding an aesthetic and economic value to a property.



Reinforcement

Although terracing improves the look of the landscape, it is important to consider the pressure of the upper wall on the lower wall. If the distance between the walls is less than two times the height of the lower wall, the upper wall could be putting pressure on the lower wall and reinforcement may be necessary. Contact the Allan Block Engineering Department or your local dealer for design assistance if necessary.



Gravity Walls

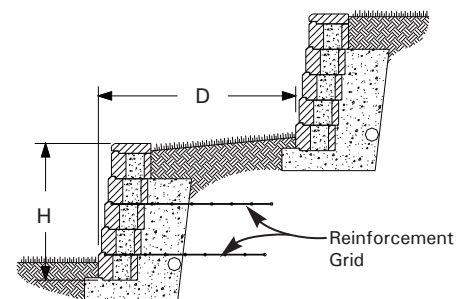
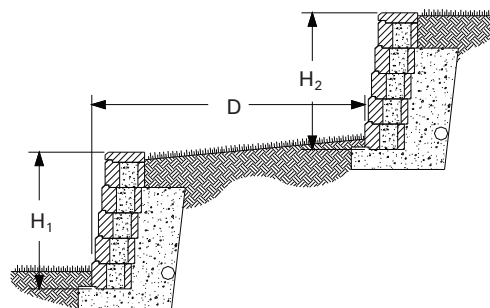
No Pressure from upper wall
No Reinforcement Needed

Distance (D) between the walls is two times the height of the bottom wall (H_1).

Reinforced Walls

Pressure from upper wall
Reinforcement May Be Needed

Distance (D) between the walls is less than two times the height of the bottom wall (H).



allanblock.com

The information shown here is for use with Allan Block products only.



allanblock.com

Allan Block Corporation US Patents #5,484,236, #6,792,731, #6,322,742 & #6,854,236 Canadian Pat. #2,012,286 & #2,133,675 Patents Worldwide © 0203 DOC. #L0504