

# INSTALLATION TIPS

**Note: These tips only apply to genuine Lock-Block™ products because of our superior manufacturing tolerances.**

1. Always start with a smooth base, joint lines in the wall can only be as straight as the base on which they are placed. A six inch blanket or granular materials, compacted and raked or screeded smooth is normally a sufficient base.

2. If possible, prepare the entire base before placing blocks so that a visual inspection can be made to minimize bumps and hollows.

3. If the location is not level or has a stepped bottom surface, place the lowest block first, taking care to align the front face of the wall.

4. Only use handheld compacting equipment within 4 feet of the fill side of the wall.

5. As the surface finish of the blocks is variable, the best face of the block should be turned out.

**6. IMPORTANT - Begin placing the second layer after no more than 5 or 6 bottom layer blocks have been placed, again taking care to align the front face of the wall. ( Remember, there is approximately 1/2" of clearance in every direction in the fit of the keyways)**

7. Should the clearance become tight for the second row of blocks, merely place the next block along the bottom row, with a slight gap (3/8"), the second and subsequent rows will then have sufficient clearance. Continue placing subsequent rows, taking care to align the front face.

8. Non right-angle corners, or corners where walls have different batters are achieved more easily by:

a. Building a 2 block square column and placing each battered wall against the adjacent sides of the column.

b. By using wedge blocks to create a 22.5°, 45°, 67.5°, or 90° corner.

c. Building the 2 walls independently and pouring the corners afterwards.

9. If desired, the wall can be curved either vertically, horizontally, or both.

10. For speed & convenience a track mounted hydraulic excavator is the best machine to place the blocks.

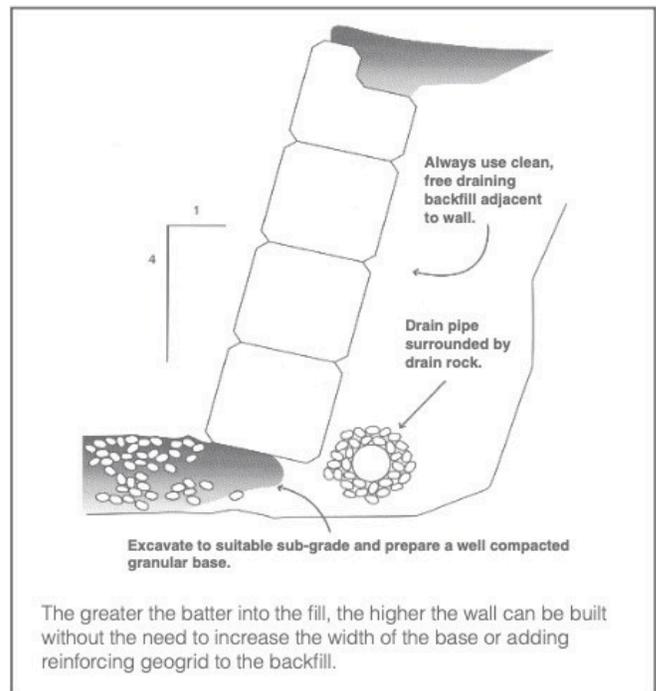
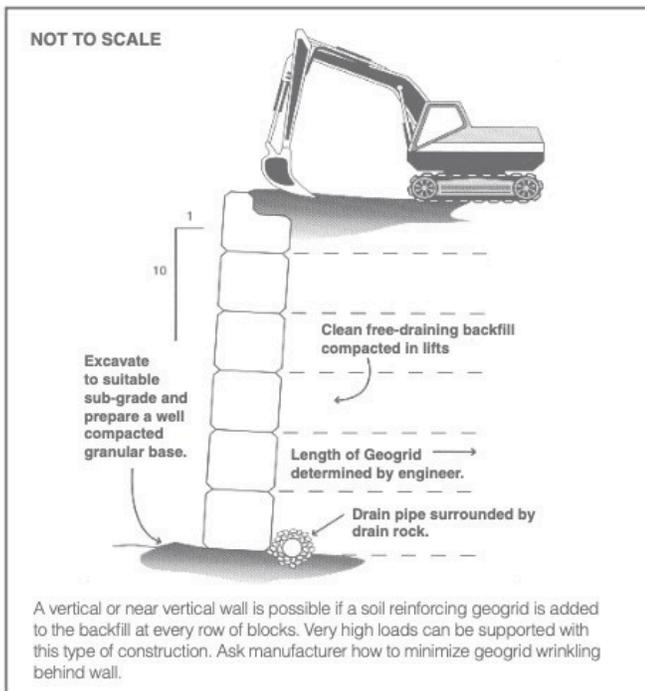
**11. Pressure washing & sealing the surface will minimize algae growth and prolong new appearance.**

12. Some useful tools to have on the job-site includes:

■ A transit to lay out a level base. - Shovels and rakes for base preparation..

■ A broom to clean the keyways before placing the next layer.

■ One or more 5 foot pry bars for jostling the blocks into position.



**Design manual available for professional engineers free of charge. E-mail for info.**

Blocks are normally available for immediate delivery, however, some configurations may not be in stock, and will require advance notice. textured facing can be added to most blocks upon request.

