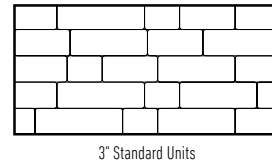


# CELTIK® WALL INSTALLATION GUIDE

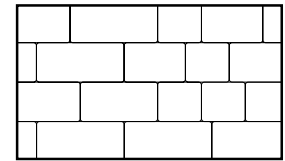
Select one of the following arrangements:

1. 3" standard units
2. 6" standard units
3. Combination of 3" and 6" standard units

A. Installation of the first row: It is preferable to use the longest units for the first row, and lay them on the compacted foundation. It is important to carefully align the first-row units horizontally to ensure that the wall will be level. Even if the selected arrangement is a combination of 3" and 6" units, the first row must contain only one size (3" or 6"). At this stage no pins are used.

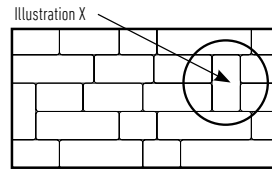


3" Standard Units

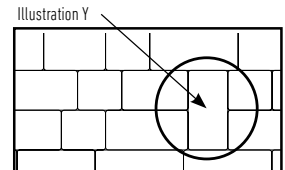


6" Standard Units

B. Installation of following rows, walls of 3" or 6" standard units: Harmoniously lay units of following rows, not forgetting, however, to insert a pin in each unit before installation. First insert pins in units to be installed. Use appropriate grooves, depending on whether the wall is to be vertical or 9-sloped. Lay each row by overlapping joints of the last row installed.

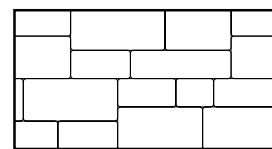


3" Standard Units with Jumper

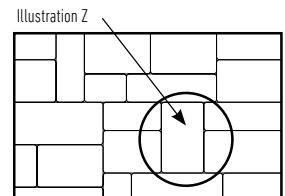


6" Standard Units with Jumper

Supplied radiuses may be used vertically to give a natural and original look to the layout. Two of those radiuses measure two rows high. Use a small radius (6 3/4") to match two 3" unit rows (see illustration X), and a medium radius (10 1/4") to cover two 6" unit rows (see illustration Y).



50% 3" Standards Units  
50% 6" Standard Units

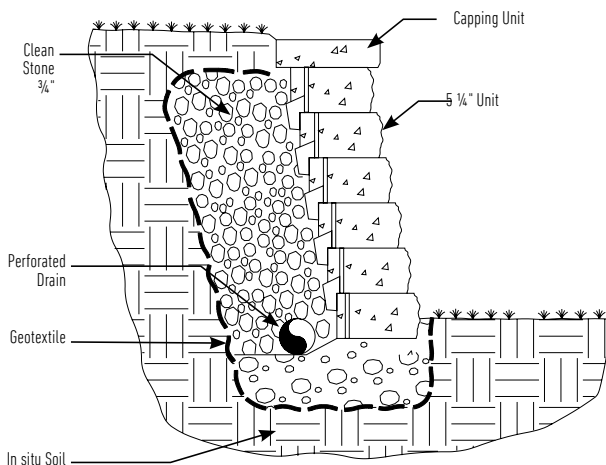


50% 3" Standards Units  
50% 6" Standard Units with Jumper

Combination of 3" and 6" standard units Carefully distribute different sizes of units to give a well-balanced, natural look to the layout (see opposite arrangement examples). To integrate vertical elements to the arrangement, split 17 1/4"-long units (3" or 6" high) in halves. A split half covers the total height of a 3" unit plus a 6" unit. (see illustration Z).

C. Back filling: Every two rows, fill the space behind units with 3/4" clean stone. Repeat steps B and C up to the desired height.

NOTE: When combining 3" and 6" units, spaces may appear between some units in the structure.



## 3' RETAINING WALL

Maximum Gravity Wall Height\*: 42"  
 Batter: 4° (2° vertical wall available on special order)  
 Minimum Inside Radius: 8'6"  
 Minimum Outside Radius: 5'6"

## 6' RETAININGWALL

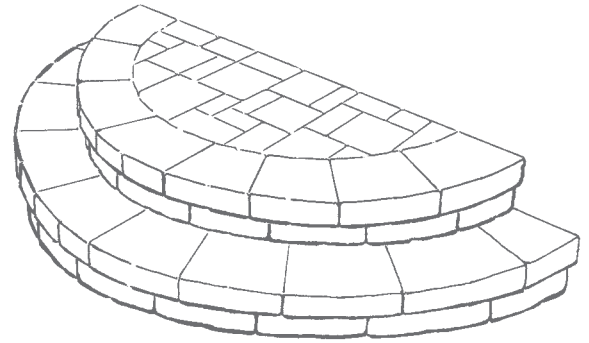
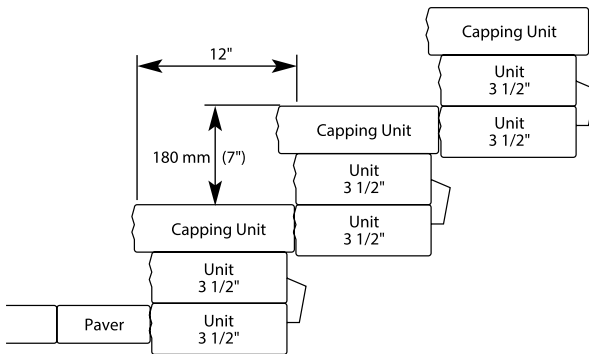
Maximum Gravity Wall Height\*: 42"  
 Batter: Vertical or 9°  
 Minimum Inside Radius: 33 1/8" to 63" depending on combination of units  
 Minimum Outside Radius: 45 1/8" to 75" depending on combination of units

\* Assumes ideal soil and site conditions. Retaining walls over their gravity wall limitations should be designed by a licensed and qualified engineer. Some municipalities may require engineering for walls less than their gravity wall height limitations.

## BUILDING STEPS USING CELTIK® CAPPING UNITS

Creating straight steps or curved landings: Steps or landings can be laid using Celtik standard wall and Celtik capping units. Semicircular landings can also be created using the Celtik beveled capping units.

**Note:** Celtik steps and risers have a combined height of 7". If the height of the wall and that of the steps must be the same, it is important that the height of the wall containing the steps is in multiples of 7".



Curved steps using Celtik standard wall units and Celtik bevelled capping units

## CELTIK WALL PIER KIT CONSTRUCTION

Building Pillars Using Retaining Wall and Straight Capping Units

To build a pillar minimizing joint alignment and better stability, be sure to follow the laying order for each step and by rows, as illustrated.

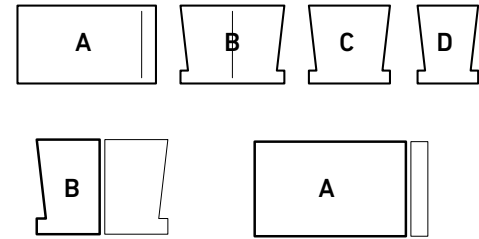
For the corners, cut a B and A units as illustrated:

- Trim the B unit in the middle
- Trim the A unit along one of the two grooves (left or right)

1. Installing the first row: Lay the first four units as illustrated (A, B, C and D), followed by the next four.
2. Installing the second, third and fourth rows: For each row, proceed as illustrated.

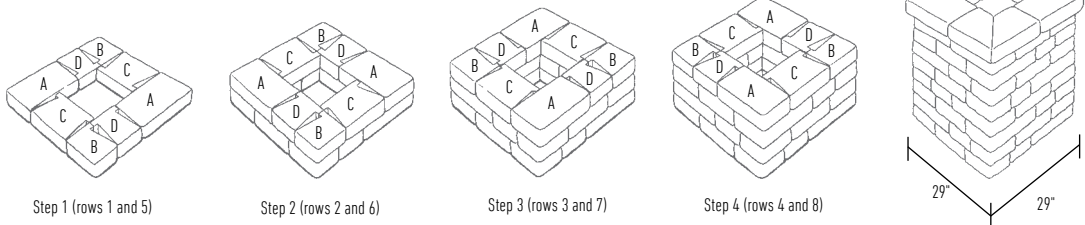
Starting from the fifth row, lay as for the first row, followed by the next until the desired height is reached (see illustration).

3. Capping: Use Celtik straight capping units.



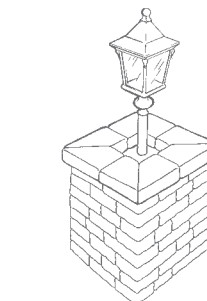
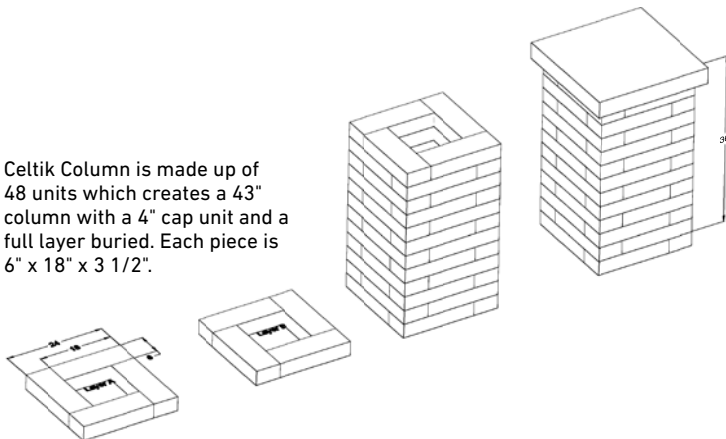
**Notes:** Measure the site for the pillar(s). Each pillar has a side of approximately 29".

Always secure each row with adhesive to ensure stability.

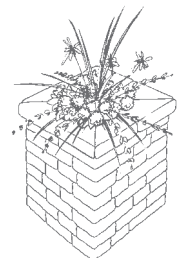


Pillar may be capped using Celtik cutting capping units

Celtik Column is made up of 48 units which creates a 43" column with a 4" cap unit and a full layer buried. Each piece is 6" x 18" x 3 1/2".



**WARNING:** If a lighted pillar is desired, make sure all electrical wiring is laid before the units are laid.



If flowers are to be planted atop the pillar, install a geotextile membrane inside the pillar before filling with earth.