

## 34

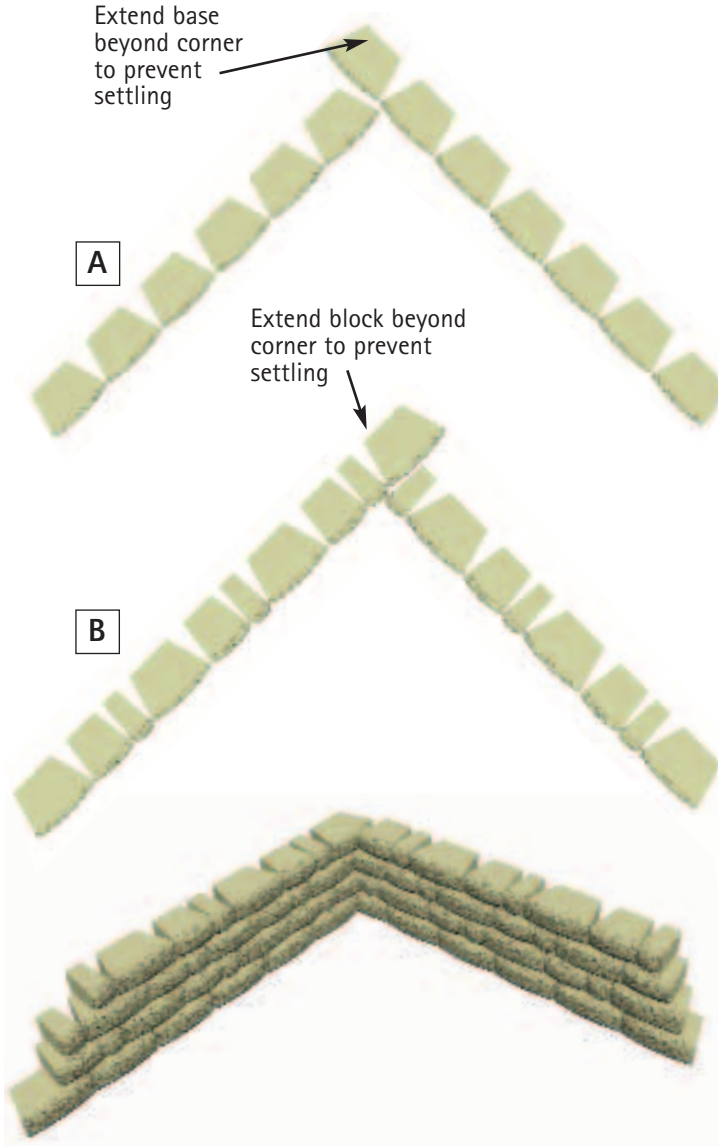
## INSIDE 90° CORNERS

Extend base  
beyond corner  
to prevent  
settling

A

Extend block beyond  
corner to prevent  
settling

B

**BASE COURSE**

- A** To create an inside 90° corner, begin by placing a block at the corner. Then lay a second block perpendicular to the first and continue laying out the rest of the base course working from the corner out. Make sure to construct the base course according to standard site prep and installation procedures described earlier.

**NEXT COURSE**

- B** On the second course, place all blocks on bond along one side of the corner. Once the second course of one wall is established, begin the second course of the adjacent wall. Split units\* may be required on this wall to maintain running bond when using Diamond® and Diamond Pro®

\*To split a block, use a hydraulic splitter or split manually by using a hammer and chisel to score the block on all sides. Pound the chisel on the same line until the block splits. If partial unit sides are not exposed, use a circular cut-off saw with a masonry blade to achieve a tighter fit.

Block placement in the corner should alternate direction with each succeeding course.



A quiet corner is sheltered with an inside 90° corner built with Highland Stone.® Step up the caps in 3-inch increments for a finished look. See page 24 for more information about stepping up caps.

# INSIDE 90° CORNERS WITH REINFORCEMENT

## FIRST COURSE WITH GEOGRID

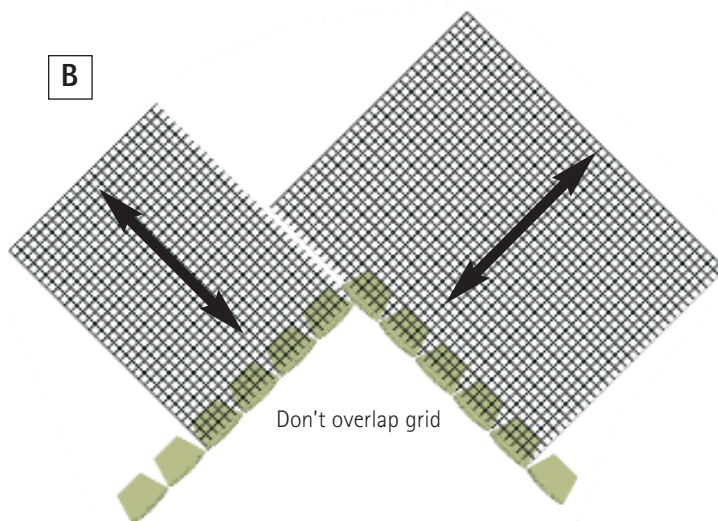
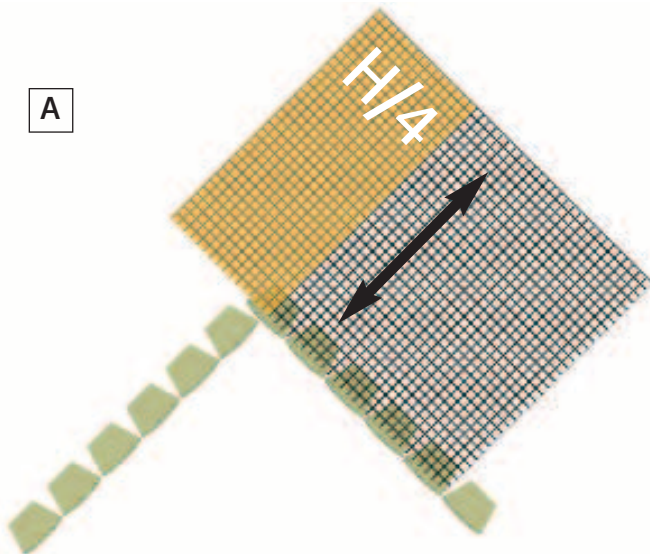
**A** To install reinforcement on an inside 90° corner, begin by checking the wall plan to determine reinforcement lengths and elevations. Cut reinforcement to the lengths shown in the wall plan, paying attention to the reinforcement strength direction.

Next, determine the proper placement of the reinforcement by dividing the proposed height of the wall by four. This represents the distance that reinforcement should extend beyond the front of the adjoining wall.

Measure this distance from the front of the adjoining wall, begin the grid placement here. Make sure the grid is placed within 2 inches of the face of the wall and runs along the back of the adjoining wall.

Example: If overall wall height is 8 feet, the reinforcement extension would be 2 feet.

**B** Place the next section of reinforcement on the adjoining wall. The reinforcement should not overlap and should lie flush with previously placed sections. Once reinforcement is in place, the next courses of block can be installed.

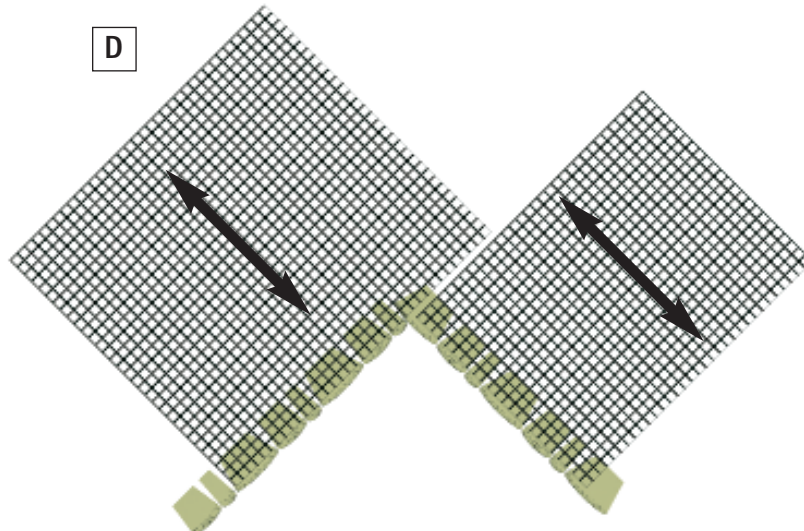
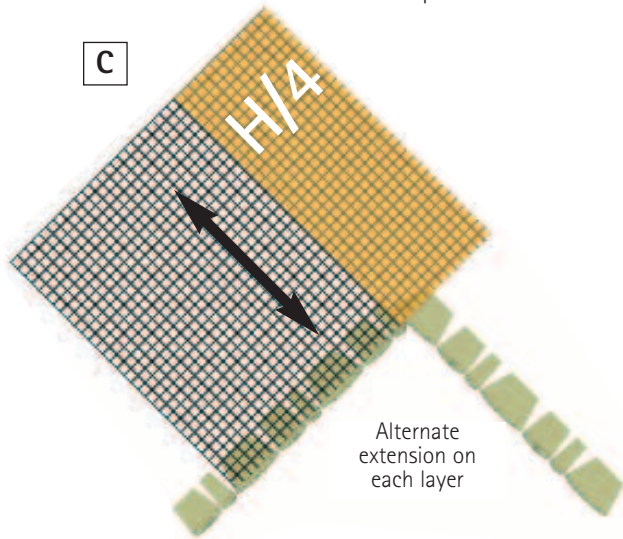


## SECOND COURSE WITH GEOGRID

**C** The first section of grid on this course is placed using the same formula that determines placement in front of adjoining wall.

Alternate the reinforcement extension on each course where reinforcement is required.

**D** Place the next section of reinforcement on the adjoining wall. The reinforcement should not overlap and should lie flush with previously placed sections. Once reinforcement is in place, the next courses of block can be installed.



↔ = Strength direction