Curves—Inside

CALCULATE THE RADIUS
Check the wall plan to determine the radius of the base course. This will be the smallest radius in the wall and must not be less than the minimum for the block system used.

BASE COURSE
Begin by driving a stake into the ground at the desired center of the curve. Attach a string and rotate it in a circle around the stake to mark the radius in the soil. Align each block face with the curve and ensure level placement from side to side and front to back.

Inside curves have varying minimum inside radii. Check the Product Information of the product you are using. When calculating the radius of the top course, add the setback in inches for each course used. See Product Information of the product you are using for setback.

ADDITIONAL COURSES
For each course, the lip of each block must be in contact with the back of the units below to ensure structural stability. The setback of the block will cause the radius of each course to gradually increase and eventually affect the running bond of the wall. To maintain proper running bond, use split units* as needed. Once a unit is cut to size, glue in place with a concrete adhesive.

*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.