Curves—Inside With Reinforcement

Most retaining walls are designed assuming 100 percent coverage of the reinforcement. When building an inside curve, the back edges of the reinforcement will fan out, producing slight gaps. In order to ensure 100 percent coverage, additional lengths of reinforcement are used to fill those gaps on the next course of blocks. Don’t overlap the grid on one course.

FIRST COURSE WITH REINFORCEMENT
Cut reinforcement to the lengths specified in the wall plan. Lay segments of reinforcement within 1 inch of the face of the wall, making sure that the strength direction of each section is perpendicular to the wall face. Avoid overlapping the reinforcement by separating each section.

NEXT COURSE
Place the next course of blocks, marking the backs of blocks to identify the middle of unreinforced areas. Backfill and compact. Center subsequent sections of reinforcement on the marked blocks to ensure full reinforcement coverage.

Repeat this procedure throughout the construction of the curve when reinforcement is required.

MINIMUM INSIDE RADIUS
The minimum radius varies by product. Please check Product Information for the product you are using at anchorwall.com.