

Curves—Outside with Reinforcement

MULTIPIECE SYSTEM INSTALLATION GUIDELINES

Most retaining walls are designed assuming 100 percent coverage of the reinforcement. When building an outside curve, the block edges of the reinforcement will have gaps and the back edges don't overlap. In order to ensure 100 percent coverage, additional lengths of reinforcement are used to fill those gaps on the next course of blocks. To prevent slippage, don't overlap the grid on any given course.

FIRST COURSE WITH REINFORCEMENT

Cut reinforcement to the lengths specified in the wall plan. Lay sections of the reinforcement within 1 inch of the face of the wall with the strength direction perpendicular to the wall face. Avoid overlapping the reinforcement by separating each section.

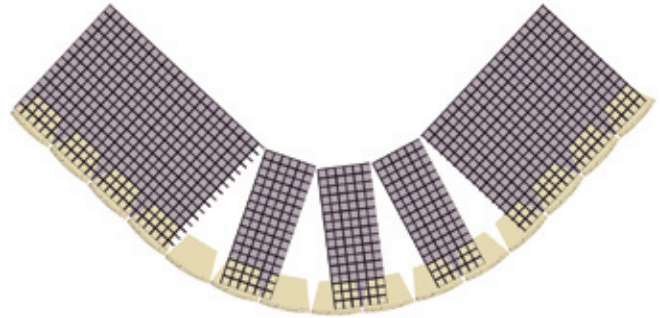
SUBSEQUENT COURSES

Place the next course of blocks, marking their backs to identify unreinforced areas. This step is important because when this course is backfilled, it's impossible to locate the unreinforced areas. Use the marked blocks as a guide, placing subsequent sections of reinforcement to overlap the gaps left on the previous course. This will ensure total reinforcement coverage. Repeat this procedure throughout the construction of the curve when reinforcement is required.

MINIMUM OUTSIDE RADIUS

Each product has a unique outside radius. Check the product information on anchorwall.com.

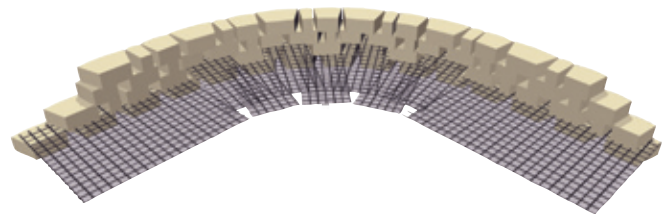
Cut grid to provide as much coverage as possible without overlapping.



On the second level, fill in the gaps in the first level with strips of geosynthetic reinforcement.



From this viewpoint, it is possible to see the complete grid coverage between the two layers of grid.



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