

Guardrails

SINGLE-PIECE SYSTEM INSTALLATION GUIDELINES

Impact on a guardrail system will transfer additional loads to the top of the wall. These additional loads must be accounted for in the design and construction of the wall.

A qualified engineer should always be consulted to determine the likely loads the guardrail will transfer to the wall and to produce a wall design that takes these into account.

Consult a qualified engineer before design, construction and installation take place.

The final location of the posts and guardrail in relation to the wall should be positioned according to the design from the engineer, as should any additional reinforcement required in the design.

Install any sleeves according to the wall plan. Sleeves should be at least 1 inch larger than the posts to allow for concrete and grouting.

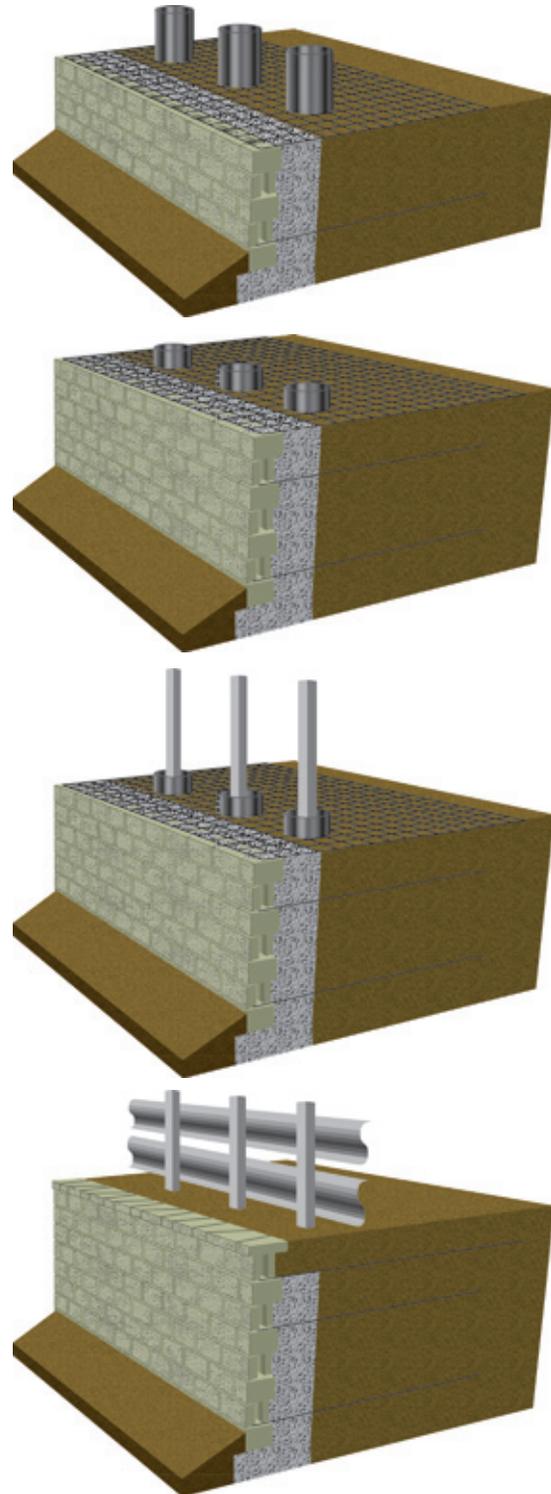
Walls should not be completed and sleeves then 'punched' through the already installed backfill and reinforcement layers after construction is complete. This may result in damage to the reinforcement grids and lead to subsequent failure of the wall.

Sleeves should be installed and held in place before any reinforcement the sleeve passes through is positioned, with the wall blocks, drainage material and backfill being installed and constructed in accordance with the instructions found elsewhere on anchorwall.com.

Carefully cut the reinforcement cross straps to allow the reinforcement to fit around the sleeve without distortion or additional tension being introduced to the grid when in its final location.

Ensure the reinforcement grid is installed in accordance with the instructions found elsewhere on anchorwall.com.

Grout the guardrail posts into each sleeve after the wall is built.



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