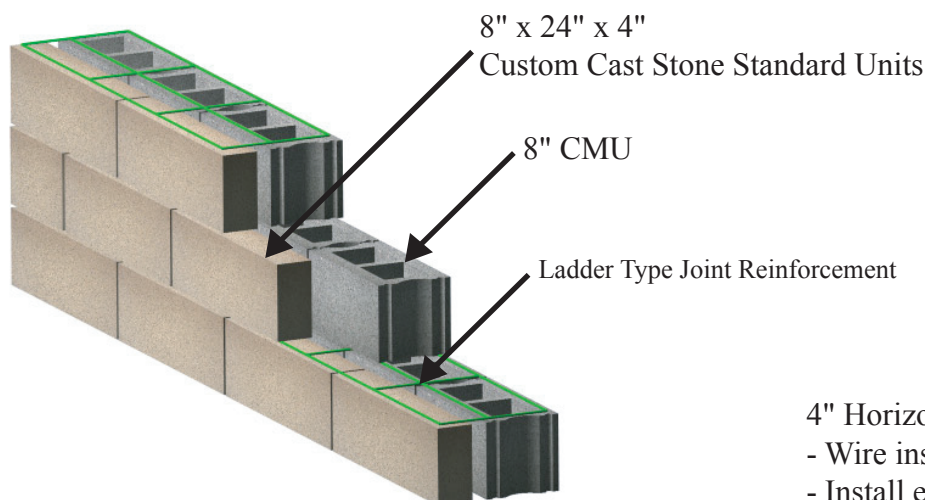
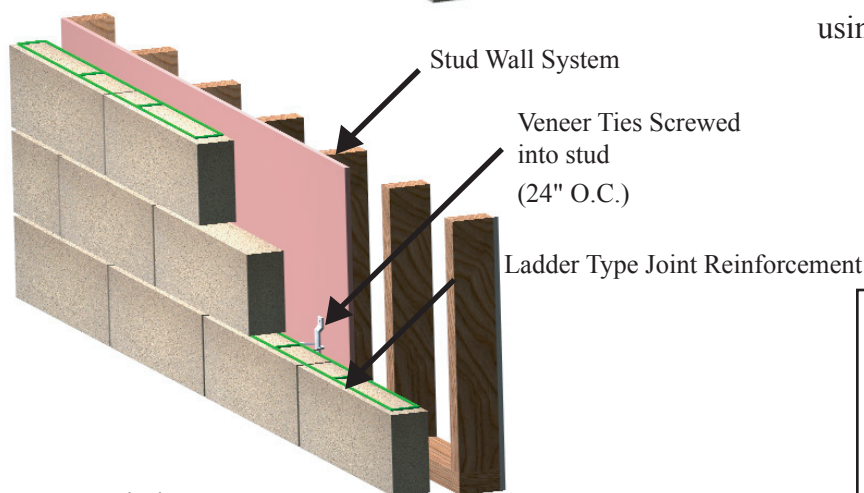


Ladder-Type Reinforcement/ Crack Control in Cast Stone Masonry Veneers

- Cast Stone banding and veneer in a brick wall system are commonly used in design among architects today. Cast Stone can be used successfully without cracking problems if designed and built properly. This holds true whether the backup wall is made of concrete masonry or stud backup.
- If you are using these units in a veneer wall, you have to use the code required anchors at the designated spacing. The additional ladder reinforcing in the 4" exterior is not code mandated, but if you wish to minimize shrinkage cracking - this additional reinforcing should be applied. The minimal cost is certainly worth the quality finished product. ("Masonry Advisory Council")



4" Horizontal Joint Reinforcing:
- Wire installed every 16" O.C.
- Install every course when using 12" or 16".



Recommended Uses:

- As a crack control in single wythe, composite and cavity walls.
- As horizontal reinforcement to assure predictable flexural and axial, tensile wall strength.
- As a reinforcing for stack bond masonry.
- As a continuous tie for two wythe, composite or cavity walls.

Movement Notes

Vertical control joints with 4" Cast Stone should be used as follows:

- 1.) Spaced at 20' O.C.
- 2.) Placed at every inside corner
- 3.) Placed 4' 0" from one side of every outside corner
- 4.) At all window openings.