

Q: Does the program design the steel for the highest moment and shear in each region? Or does it pick the highest for the wall panel?

A: You have the option of specify a different Design Rule for each region or making the regions uniform.

Q: Where in the program can you define the design rule for each individual region?

A: You define the Design Rules in the Wall Design Rules spreadsheet. You can assign the Wall Design Rules to the individual regions in the Wall Panel Editor (by double clicking on the wall panel and then double clicking on the region).

Q: Is CFS Wall Design Available?

A: We don't currently have cold formed steel wall design. However, we do plan to add this at some point in the future.

Q: Are you able to adjust the control of the wall meshing when using wall panels?

A: The wall mesh size can be modified in the Global Parameters dialogue box.

Q: It seems you don't need to put any restraints in the Z direction seeing that it is a 2D member or plate.

A: If you have a fixed base wall then you don't need an out of plane restraint. If you pin the base then you do need an out of plane restraint. Walls behave just like members or plates in RISA-3D. You have to create a stable model for all three directions.

Q: The wall command can mesh itself but the plate I have to mesh (or is it the reverse)?

A: Plates are drawn individually. If you need to mesh them, then this has to be done by the user. Walls are drawn at their perimeter and the openings are specified. RISA-3D then internally creates and meshes the plates to create the wall. If you want to see the automated mesh you can use the option to display the mesh in Plot Options.

Q: At the vertical interface between perpendicular walls, do the corners act as “pinned” or “fixed”?

A: If you model the walls as touching then they will act as fixed.