

Please Note: If you're new to Revit, you may be interested in my "[Beginner's Guide to Revit Architecture](#)" **84 part video tutorial training course**

. The course is 100% free with no catches or exclusions. You don't even need to sign-up. Just enjoy the course and drop me line if you found it useful. The [full course itinerary can be viewed here](#)

In this short article we will take a quick look at how Revit's dimension tool can be used to **equally space** parts of your design, as required. No theory, let's just dive straight in with a practical example.

Let's draw a simple shell of a building.....



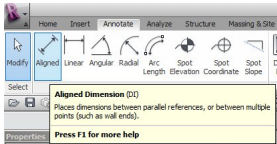
Now let's say we want to quickly divide this shell up into 5 equal compartments- they could be apartments, etc. Rather than working out the spacing between each party wall, we can use Revit's dimension tool to quickly align our party walls at equal spacings. First of all simply drop four party walls into the shell- do NOT worry about the spacing of the walls.....



Dimensions: Using Revit dimensions to equally space elements

As you can see in the above image, there is no way that these are equally spaced. But they WILL be in a minute, due to the power of Revit's dimensioning tools.

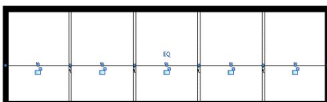
Let's go and drop an aligned dimension between all the walls. You'll find this tool on the Annotate > Dimension tab....



Select this tool and then click on each of the wall centrelines in turn- working left to right or right to left. When you get to the last wall, click once more outside of the shell to finally place your dimension....



Now before you do anything else, the important thing to note is the "EQ" symbol above the dimension string. It currently has a red line through it. This is Revit telling you that the separate segments of the dimension string are "not equal". If you want them to be equal (and we do!), simply click on the "EQ" symbol to remove the red line. Let's see what happens when we do.....



And there you have it. A very simple trick but "very" useful in practice. Long time Revit users will have this trick in their daily arsenal- but I'm sure those new to Revit will be glad to learn that such tools exist.