

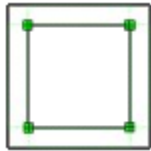
## Using the Area Analysis tool

Use the Area Analysis tool to calculate the area of a room or space created using the Double Line Wall shape. You can specify whether the area should be calculated to the inside of the walls, outside of the walls, or to the reference line of the walls. In addition, you can specify the unit of measure used to calculate the area and the layer upon which you want the calculation (the resulting area shape) to appear.

For the Area Analysis tool to function properly, you must first join all the Double Line Wall shapes correctly. Their begin and end points must be touching on the correct side of the connected wall shapes.



For a Double Line Wall shape, the edge of the wall that contains the selection handles is the inside edge of the wall. When you first drop a Double Line Wall shape on the page, the inside edge is always facing down.



This drawing shows the begin and end points touching on the correct side of the connected wall shapes. All the selection handles are on the inside edge of the walls.

### To use the Area Analysis tool:

1. In the drawing, select the walls that enclose the areas you want to analyze.
2. Choose Tools > Macro > Facilities Management > Area Analysis to open the Area Analysis tool. Or if a Facilities Management template is open, choose Tools > Area Analysis.
3. Under Measure To, click an option to specify whether the area should be calculated to the inside of the wall's geometry, the outside of the wall's geometry, or to the reference line of the walls.
4. For Units, specify the unit of measure to use to calculate the area.
5. For Area Layer, specify the layer on which you want the resulting area shape to be assigned.
6. Click OK.

### DIALOG BOX OPTIONS

**Inside** Calculates the area to the inside of the walls.

**Outside** Calculates the area to the outside of the walls.

**Reference Line** Calculates the area to the reference line of the walls.

**Units** Specifies the unit of measure used to calculate the area.

**Area Layer** Specifies the layer on which you want the resulting area shape to be assigned.

## Area Analysis

 [Related Topics](#)

**Tools > Macro > Facilities Management**

**Tools > Macro > Macros**

### **Tools menu (Facilities Management template must be open)**

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### **DIALOG BOX OPTIONS**

**Inside** Calculates the area to the inside of the walls.

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**Units** Specifies the unit of measure used to calculate the area.

**Area Layer** Specifies the layer on which you want the resulting area shapes to be assigned.

