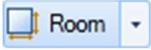
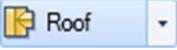
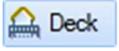
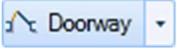
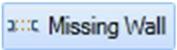
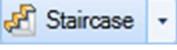
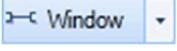
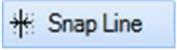
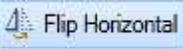
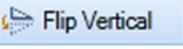
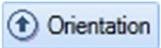
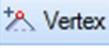
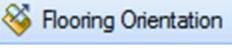


# Tools

The following ribbon buttons and keyboard shortcuts can be accessed from the Tools tab in Sketch, allowing you to place and modify objects in the Sketch Workspace.

Ribbon Button	Keyboard Shortcut	Name	Description
	R	Room	Click to add a room to your sketch.
	F	Roof	Click to add a roof to your sketch. You can change roof types by pressing Spacebar with the roof tool in the cursor. Pressing E adds a dormer to the Sketch Workspace.
	E	Dormer	Press E to add a dormer to your sketch.
	Shift + D	Deck	Click to add a deck to your sketch.
	D	Doorway	Click to add a doorway to your sketch.
	M	Missing Wall	Click the Missing Wall button and click a wall to make it a Missing Wall.
	Shift + W	Wall	Click to add partial walls to an existing room, to create a room by connecting individual walls, or to divide a room.
	C	Staircase	Click to add a staircase to your sketch.
	Ctrl + F	Fence	Click to add a fence to your sketch.
	W	Window	Click to add a window to your sketch.
	S	Snap Line	Click to create a snap line anywhere within your Sketch Workspace.

	Ctrl + Enter	Properties	Select a room or object in your sketch. Click Properties to open the Properties window for the room or object that you selected.
	B	Break	Click Break. Then click a wall in your sketch. Click and drag the wall to create an offset.
	[	Flip Horizontal	Click to flip a selected object from side to side.
	]	Flip Vertical	Click to flip a selected object from top to bottom.
	Q	Rotate	Click to rotate the selected object by 90 degrees (default).
	N	Orientation	Click to change the orientation of an object after placing it in your sketch.
	V	Vertex	Click the Vertex button, and then a wall in your sketch. Drag the vertex point to create a hinge in the wall.
	G	Scale	Click to adjust the scale of a roof in the Sketch Workspace. The Scale button is only available if there is a roof in the current Sketch Level.
	\	Flooring Orientation	Click the Flooring Orientation button to select the direction to lay the floor covering after it has been placed on the Sketch Workspace.
	O	Reference Block	Click to place a reference block in your sketch.
	L	Reference Line	Click to place a reference line in your sketch.
	A	Reference Area	Click to place a reference area in your sketch.
	P	Reference Point	Click to place a reference point in your sketch.

 Copy from Underlay	U	Copy from Underlay	Click copy a room or object from one Sketch Level to another Sketch Level. The Copy from Underlay button is available when there is a room or object on a Sketch Level directly beneath the current Sketch Level.
	Ctrl + Shift + C	Combine Rooms	Select multiple rooms in the Sketch Workspace, and then press Ctrl+Shift+C to combine the rooms.
	Ctrl + Shift + S	Separate Rooms	Select combined rooms in the Sketch Workspace and press Ctrl+Shift+S to separate them.
	Shift + P	Snap to Grid	Press Shift+P to enable/disable the snap to grid tool.