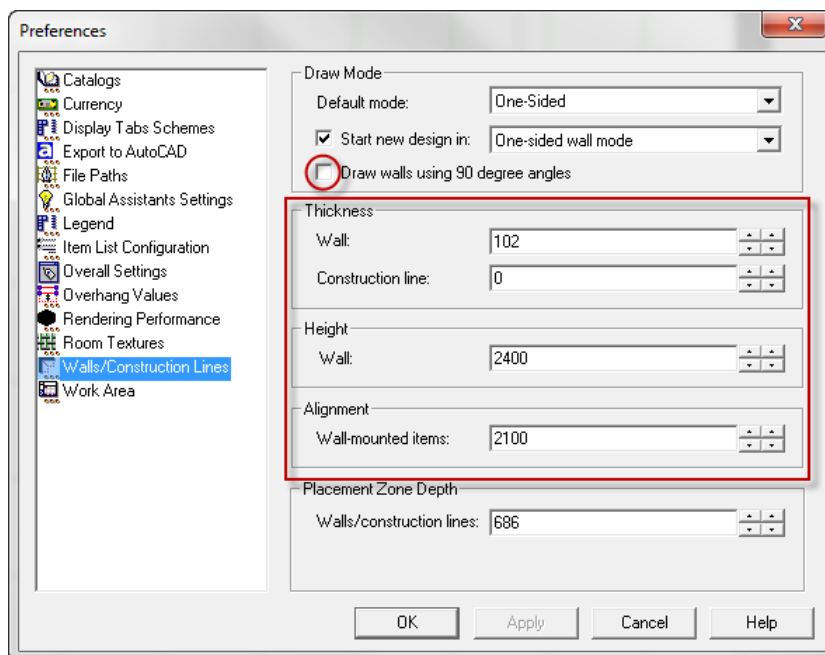


Wall Construction line Preferences


The **Wall/Construction lines** preferences allow us to set the default wall settings in the program. This to increase ease of use during the wall/construction lines phase.

Left-click **File, Preferences...** to access the Preferences dialog box

Left-click **Wall/Construction Lines** located down the left-side



Ortho (See also work area control buttons in previous chapter)


The Ortho button  acts similarly to the drafter's T-square. When enabled, the cursor is restricted to move in 45-degree increments as you draw lines. When Ortho is disabled, lines can move freely. This button is located at the bottom right of the program.

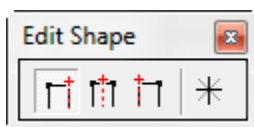
You can also use the Ortho button to establish vertical or horizontal alignments. By imposing orthogonal constraints, you can draw more quickly. For example, you can create a series of perpendicular lines by turning on Ortho mode before you start drawing. Because the lines are constrained to be parallel to the horizontal and vertical axes, you know that the lines are perpendicular.

Drawing Walls with the Ortho activated

Drawing walls with the Ortho activated is beneficial especially when trying to pre-determine those angles. With most walls that we attempt in 20-20 Design being set at increments of 45 degrees; using a combination of the mouse and keyboard can make difficult walls a thing of the past.

Example

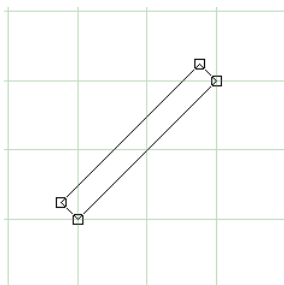
Ensure that the Ortho button  is selected either in the bottom right region of the work area or on the wall Edit Shape toolbar prior to drawing walls



Noticeably with the ortho tool active, you can start drawing walls anywhere in your work area.

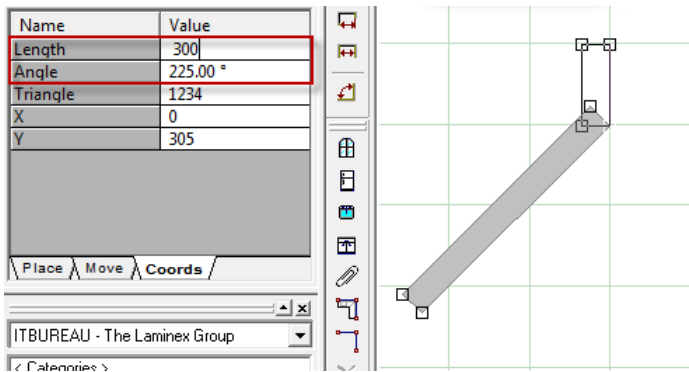
NOTE: Because of the Ortho tool being active, we can discard the wall rule of starting place determines the direction in which our first wall.

In this example, left-clicking in the center of the work area and moving the mouse (as it's confined to angles at increments of 45 degrees) I can easily achieve the following wall at an angle.



In the Edit box (length field) type in a length and press **ENTER** on the keyboard

Use your mouse to determine the angle of the joining wall before specifying a length and pressing **ENTER**



Continue the above process, to end press **ENTER** twice (this normally at a zero length)