OrthoDraw is an extension of Draw with many added features which greatly improve the drawing process.   It was developed to provide a drawing environment congenial to orthographic drawing; however, many of the improvements which benefit orthographic drawing will benefit all types of drawing.

Several new tools have been added from Draw including the four principle line types of orthographic drawing: the feature, folding, auxiliary, and hidden lines.   The divider was added to create ease in transferring setback distances.   Protractor make measuring angles easy, and the bezier provides very flexible and varied curves.

Parallel and perpendicular lines can be constructed from existing lines with the push of a button, and lines can change between the four principle types with the push of a button.   These abilities make constructing auxiliary lines perpendicular to folding lines almost effortless.

Gravity takes the guesswork out of determining exact points.   All objects gravitate toward one another when drawing, resizing, or moving. Objects will even gravitate to intersections of lines and the edges of lines. This greatly improves the ease of producing accurate drawings especially in technical drawings where connections or distances must be measured, transferred, and depicted precisely.   Gravitation to intersections of lines is extremely helpful when using the divider tool to measure setback distances in orthographic drawing.

A slick "Undo" feature allows the user to step backward through the

steps used to create the document.   In this way, mistakes can be undone with the push of a button rather than having to revert to reconstruct a damaged drawing.

Unlike Draw, each document is not limited to just one page.   In OrthoDraw, you may have as many pages as you need for a particular document.   Pages can be added, removed, or put in a different order.

Graphics (including groups) have the ability to flip horizontally and vertically as well as rotate by ninety degrees.   These three features greatly improve the ability to implement symmetry in drawings.