

## Chapter 1 : Autodesk Raster Design

*Solution: If Raster Design is installed on your system, the "Getting Started" guide should already be installed. Just look for [blog.quintoapp.com](http://blog.quintoapp.com) within the C:\Program Files\Autodesk\AutoCAD Raster Design \Getting Started Guide folder.*

I knew there had to be a better way! After using the trial software for 30 days, I put together a white paper for management to review the many features I used to be more productive. It can be extremely challenging to redraw a building from an image that is skewed because of a poor-quality scan. Lines that are supposed to be straight are wavy and misaligned. In the left image below, notice the straight polylines with the misaligned image underneath. On the right image, I have straightened the image lines to align with the polyline using Raster Design. So the first step in this process is to convert the PDF to an image file. It is also important to check the scale of the drawing being redrawn. Take a note of it, you will have the option to specify the correct scale when you insert the image as a reference to the drawing. Referencing the Image to the Drawing Once you have the right file format, launch Raster Design, either from a desktop icon or through the Apps Menu. As you can see from the image below, there are many tools. Use the insert image command located on the Raster Design Ribbon. After selecting the image you want to attach, ensure you choose Insertion Wizard as your insertion option. It will lead you through the important steps. Enter the scale you determined earlier. In the example below, I have entered 96 as the scale factor. Proceed through the menus by hitting next until the image is inserted into the drawing. Creating Construction Geometry Now that the image is referenced, I may have to rotate slightly to get the image aligned to the X, Y axis. I then find the longest straight line geometry for the redraw, and draw orthogonal construction lines to assess the imperfections and establish some orthographic geometry. In the example below, I chose the outside of the building to draw some orthographic lines. The idea here is to start the lines in the exact location of the corners and draw 90 degree angles straight up and down from the start point. Fixing the Raster Image The imperfections on the raster image are subtle when zoomed out as in the image above. But when zoomed in you can see the raster image lines are not straight. The images below show opposing ends of the same lines. In the left image, I am showing the point in which I chose to start my straight lines from. This is where the geometry will line up with the referenced image. This is where the image veers off from the straight line. It allows you to manually match points on the skewed image with their corresponding points on the orthogonal AutoCAD geometry. Choose Rubber Sheet from the Raster Tools ribbon tab and select the polynomial option. Then choose Add Points and start clicking on the drawing. Rubber Sheet Command

Step 2 The first point you click will be where the image file is off. The second click is where the image file should be aligned to. You can do this to a few places or a multitude of places. I would say that is exactly what the rubber sheet is doing. It is aligning the image to the desired geometry. This command will work mainly in the areas where you are selecting points. Rubber Sheet command

Step 4 You can do a few and then do a few more, molding the drawing to align to the orthographic line you laid out in the previous steps. Each time you complete the command the program will save the image file. There you have it: The Rubber Sheet tool is one of my favorite Raster Design tools but there are many others to make tracing data from raster files easier. Check out this tutorial to learn more!

## Chapter 2 : AutoCAD Raster Design Toolset | Raster-To-Vector Software

*The location of the Tutorials folder for Raster Design should be as follows: C:\Program Files\Autodesk\AutoCAD Raster Design \Tutorials If for some reason the Tutorials folder is not present on your machine, you might try reinstalling Raster Design*

## Chapter 3 : Autodesk AutoCAD Raster Design - Should I Remove It?

*AutoCAD® Raster Design Training Course AutoCAD® Raster Design teaches the vectorization tools used to convert raster images into DWG objects in AutoCAD Raster Design. Covering 24 individual video lessons and hours of*

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*instructor-led training, your instructor, Andy Roe, will guide you through on how to edit, enhance and maintain.*

## Chapter 4 : When PDF Import Isn't an Option! AutoCAD Raster Design! | AutoCAD Blog | Autodesk

*Autodesk became best known for AutoCAD but now develops a broad range of software for design, engineering, and entertainment as well as a line of software for consumers, including Sketchbook.*

## Chapter 5 : AutoCAD Raster Design Free Download

*Raster Design Quick Start Posted on September 19, by AutoCAD Tips A very cool AutoCAD add-on called " Raster Design " lets you easily incorporate raster images blog.quintoapp.com blog.quintoapp.com files in you drawing.*

## Chapter 6 : Raster Design Toolset for AutoCAD | IMAGINiT

*The AutoCAD Raster Design toolset helps you convert raster images into DWG objects with its powerful vectorization tools.*

## Chapter 7 : Free Software for Students & Educators | AutoCAD Raster Design

*AutoCAD Raster Design With powerful raster editing and raster-to-vector conversion tools, AutoCAD Raster Design software helps you easily edit, enhance, and maintain scanned drawings and plans in a familiar AutoCAD environment.*

## Chapter 8 : AutoCAD Raster Design Free Download - Get Into Pc

*This short video will show various techniques for converting images into AutoCAD entities using Raster Design, which is now included in AutoDesk Suites.*

## Chapter 9 : Editing images with Raster Design

*Join Eric Wing as he shows how to use AutoCAD Raster Design to insert and scale images in your drawings, create masks, rubbersheet images, manage images, clean up and merge images, and define regions and primitives to manipulate raster data.*