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Vectorworks Landmark

Tutorial Manual



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SAMPLE

Introduction

0.1 How to Use this Manual

This manual builds on the Vectorworks® Essentials manual. The Essentials manual is designed to show you basic concepts of Vectorworks, such as drawing, modeling, and basic file organization. If you are unfamiliar with these concepts, then you should get the Essentials manual and complete it before you go any further.

Here are some ideas to help you to use this manual better:

Spend the time to work through the manual. The information in this manual will not find its way into your head if you don't complete the exercises. Reading the manual is good; reading the manual and watching the movies is better; reading the manual, watching the movies, and completing the exercises brings the best results. Watch the movies, try the exercise, and then play the movie again.

Measurements for you to use are shown in both metric and imperial. Metric measurements are shown first, followed by imperial measurements in brackets. If you are using metric, don't type in the imperial measurements; if you are using imperial, don't type in the metric measurements.

This manual comes as a hard copy with a DVD.

There are two exercise folders on the DVD. One is called "Imperial Modeling Exercises," and the other is called "Metric Modeling Exercises." Copy the exercise folder that you want to use to your computer. Place the exercise folder in a location to make it easy to find later, such as in "My Documents."

Save any training files that you work with to your exercise folder.

When you want to play a movie that is shown in the printed manual, insert the Landmark tutorial manual DVD into your computer's DVD player. Right-click on the file on the DVD called **Landmark Tutorial Manual.pdf**, choose **Open with...**, and choose Acrobat Reader®. This is your electronic copy of the manual, and it contains links to all the movies. To play a movie from the electronic copy of the manual, move your cursor over the movie icon (the cursor will change shape), and click once. When the movie is finished, it will automatically close. If you are using a Macintosh, make sure the manual opens with Adobe Acrobat Reader, not Preview. Preview will not display the movie icons. When the movie is finished it will automatically close. Use Adobe Acrobat Reader to read the manual and play the movies; use Vectorworks software to do the exercises.

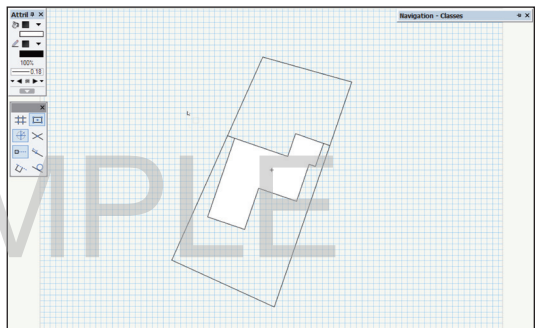
Project 1: Landscape Area Analysis

We can use one of the Landmark tools (Landscape Area) to analyze the landscape areas and to provide a budget price. This has a couple of advantages: It is quick, and you can make sure you are within the budget.

At the very early stage of a project, the client may not want to pay you for a lot of work they cannot afford. Creating a quick concept with a budget figure will let you know in a few minutes if the client can afford your design.



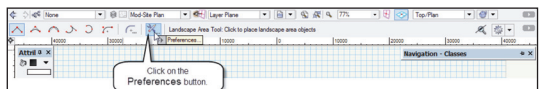
- Open the file **Project_1.sta** from the exercise folder. This file is a Vectorworks template file. It has some drawn information already on it, so all we have to do is add the areas we want to the plan.



- Go to the **Site Planning** tool set.
- Choose the **Landscape Area** tool.



- Go to the **Tool bar**
- Click on the **Preferences...** button.

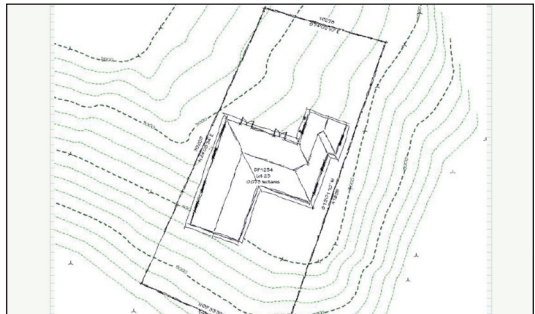


Project 2: Quick Domestic Project

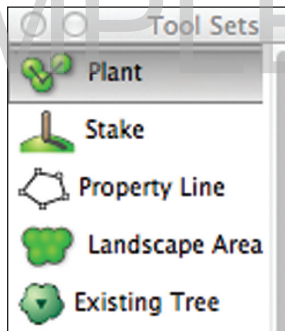
This project is designed to show you how quick it can be to draw plants and hard landscaping once you have all the information you need.



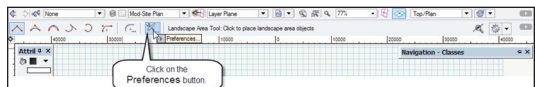
- Open the file **Project_2.sta** from the exercise folder. This file is a Vectorworks template file. It has a scanned image of our house plan and the plants already imported into it. All we have to do is add the plants and hardscape to the plan.



- Go to the **Site Planning** tool set.
- Choose the **Place Plant** tool.



- Go to the **Tool** bar.
- Click on the **Plant Tool Preferences...** button.



Project 3: Domestic Project

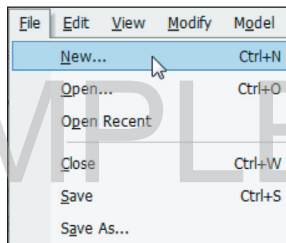
Step 1 Document Setup

The purpose of this exercise is to learn how to set up a project from the beginning, including the page size, units, plants, hardscapes, title blocks, and so on.

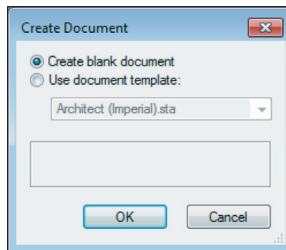
This project builds on Project 2, but it starts with a blank document. The Vectorworks software has setup commands to make setting up the file easier. When you set up the file to suit your drawing style, it can become a template file that you can use to start every new job, which will save you a lot of time.



- Go to the Menu bar.
- Choose **File > New...**



- Choose **Create blank document**.
- Click on the **OK** button.



Project 4: Simple Commercial Project

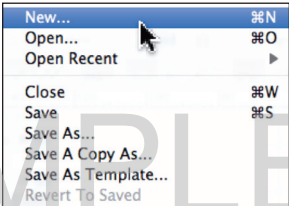
In this project we will import from a consultant a drawing that shows the existing site and proposed new development. Your job is to quickly show that there is enough landscaping on the project and to provide a price for the planting.

Step 1 Document Setup

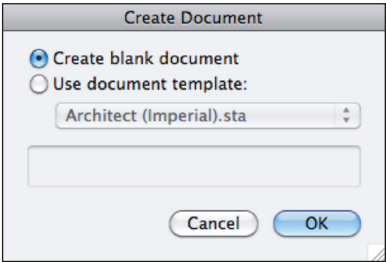
You will set up the file from a blank document. Vectorworks has commands that make it easier to set up the file. When you have set up the file, it can become a template file that you can use to start every new job, which saves you a lot of time.



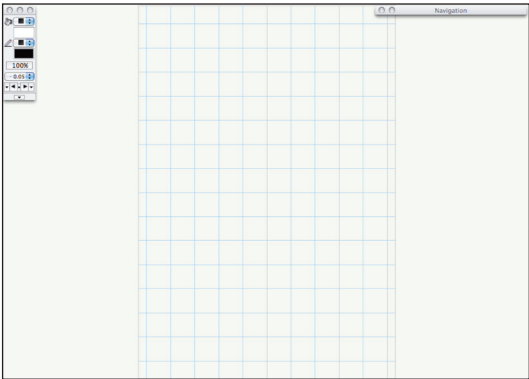
- Go to the **Menu** bar.
- Choose **File > New...**



- This opens a dialog box for you.
- Choose **Create blank document**.
- Click on the **OK** button.



- A blank file opens with a layer scale of 1:1 and a letter-size page. If you are using the Australia/NZ version of Vectorworks, then a metric file opens.



Project 5: Simple Park Drawing

In this exercise you will be setting up a landscape plan from the beginning, by importing a survey plan. We will learn about importing a drawing again, and we will divide up our work. We will have a base plan on one layer and all our planting work on a separate layer.

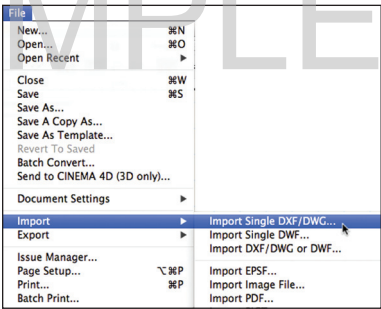
Remember to always import your survey drawings into a new file. Never import the survey into an existing project.

Step 1 Importing a Survey Drawing

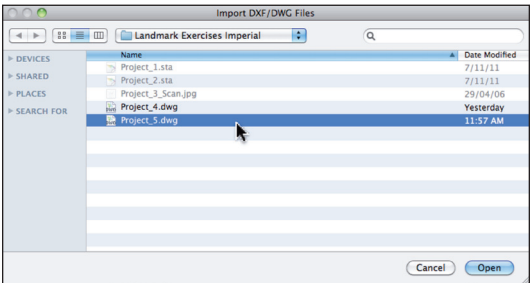
Importing a survey plan seems easy, and it is. If you make the right choices at this point, your import should go well, but if you let Vectorworks make all the choices for you, then it becomes a lottery.

- Create a new blank document.
- Set up the document as shown on pages 33-40.
- Go to the **Menu** bar.
- Choose **File > Import > Import Single DXF/DWG**.

It doesn't matter if you import a DXF file or a DWG file. The Vectorworks program deals with these file types the same way.



- Choose **Project_5.dwg** from the exercise folder.



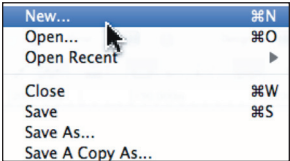
Project 6: Commercial Park Drawing

In this exercise you will be importing a consultant's file of the project. Remember to always import your survey drawings into a new file. Never import the survey into an existing project.

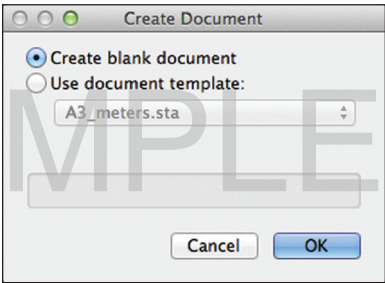
Create a New File



- Go to the Menu bar.
- Choose **File > New...**



- This opens a dialog box for you.
- Choose **Create blank document**.
- Click on the **OK** button.
- Set up your page and change all the settings to suit your drawing area, units, grids, and so on. Refer to pages 33-40 if you need more information on controlling these settings.



Importing a Survey Drawing

- Go to the Menu bar.
- Choose **File > Import > Import Single DXF/DWG File...**

It doesn't matter if you import a DXF file or a DWG file. Vectorworks deals with both of these file types the same way.

