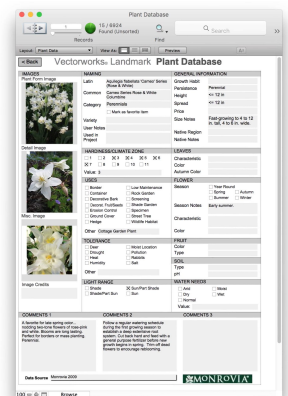
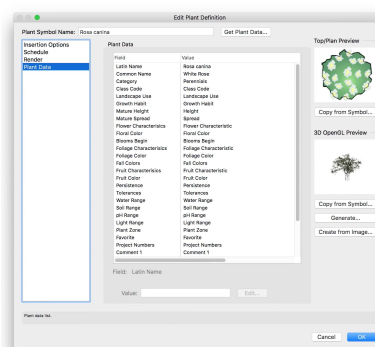
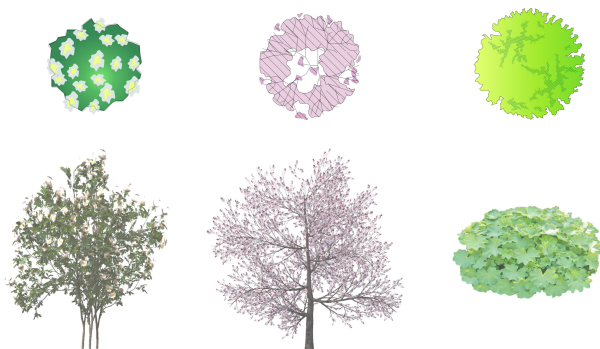


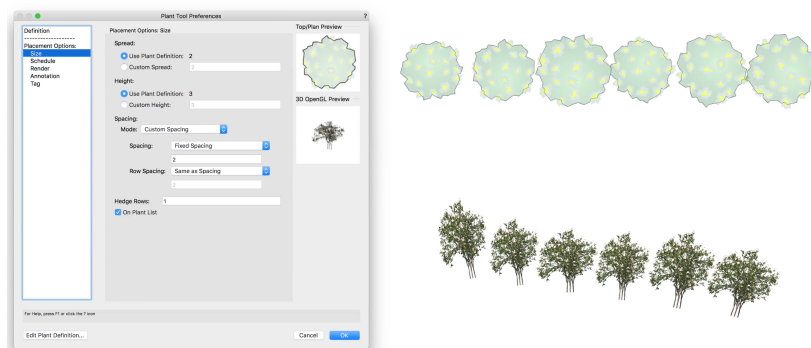
SITE DESIGN

INTRODUCTION TO PLANTS

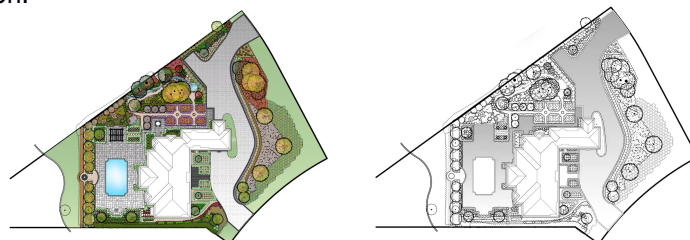
Plant consists of both 2D/3D graphics, as well as plant data. Plant objects can be customized to represent different species of plants as well as different heights and spreads. Vectorworks Landmark and Designer include a library of predefined plants, as well as multiple generic plant graphics to be used for creating your own custom plant library.



The Spread, Height, and Spacing of each plant is fully adjustable making it easy to get the exact look needed for every project.

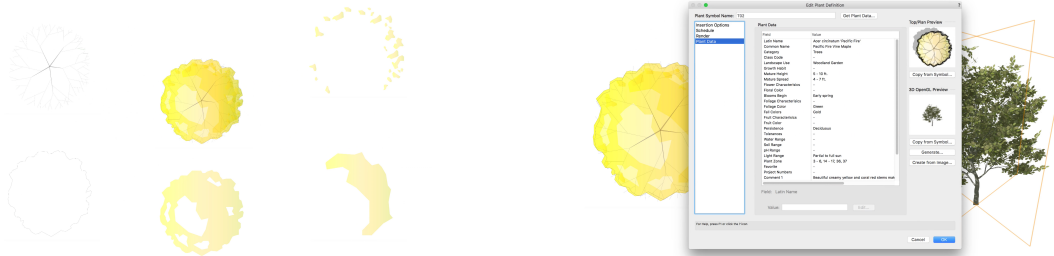


Using Class visibilities, you can quickly change your design from a vibrant presentation for a client to clean schematic drawing for documentation.

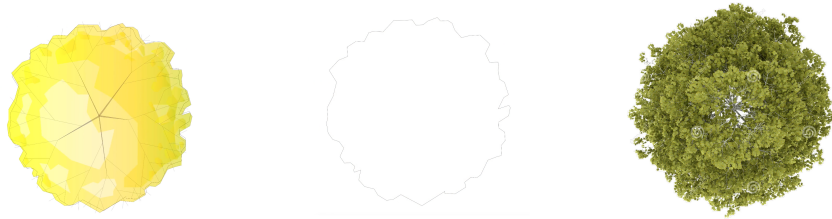


Before we can begin placing plants, we need explore the different parts of Plant objects, the Plant tool, its modes and how to navigate Plant resources.

Plant objects are made up of different parts. All of these parts are contained within the Plant Definition. The Plant Definition includes the 2D and 3D Appearance, as well as Botanical Data for the type of plant.

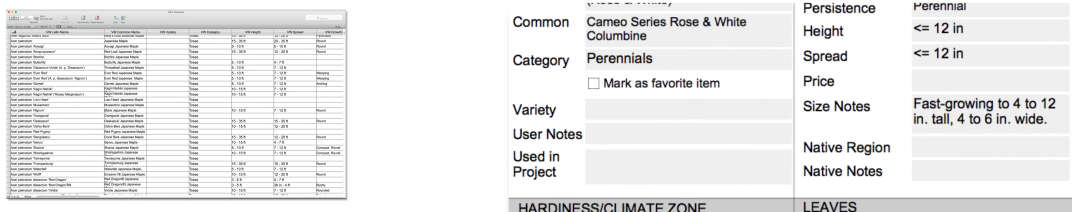


The 2D graphics can be a simple outline of the plant or a more detailed graphic representing the plant.



The 3D graphics of a plant are typically represented by an image of the plant, in the form of an Image Prop object. An Image Prop object creates a photorealistic 3D representation of the plant, quickly and efficiently. We will cover the creation of your own plant including the 2D and 3D graphics in another chapter.

The Botanical Data can be entered in manually for each species or pulled from the Vectorworks Plant Database. The Plant Database contains thousands of species of plants. Each plant has information ranging from height and spread, to soil and water needs. This Database can also be customized with your own notes and pricing information, as well as plant images. You can even add new plants to the database that are not included in the Vectorworks Plant Database.



The desired data can then be displayed with the plant in the plant tag or shown in a plant list or schedule. Each individual plant can have its own tag or plants can be grouped together and displayed with a single tag for the plant group.



The Plant Tool is used to place Plant objects in a document. The Plant Tool is located in the Site Planning Tool Set. The Tool Sets palette is located in the bottom left corner of the screen. If you do not see this palette, go to **Window > Palettes > Tool Sets**. The Tool Sets palette is a palette of palettes. Clicking on each icon at the bottom of this palette, will change the list of tools above.

We will go over the process of placing a plant and the different insertion modes in the next chapter.