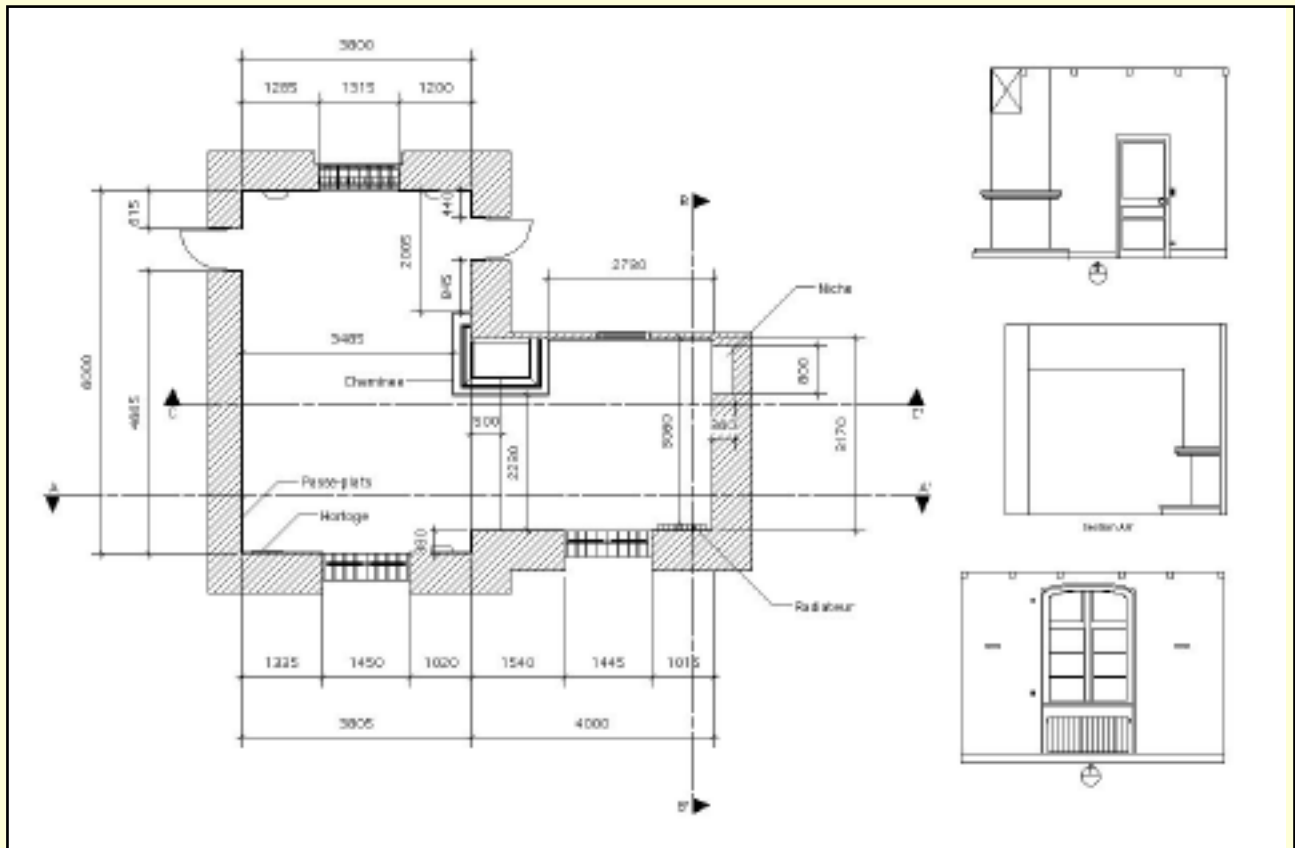


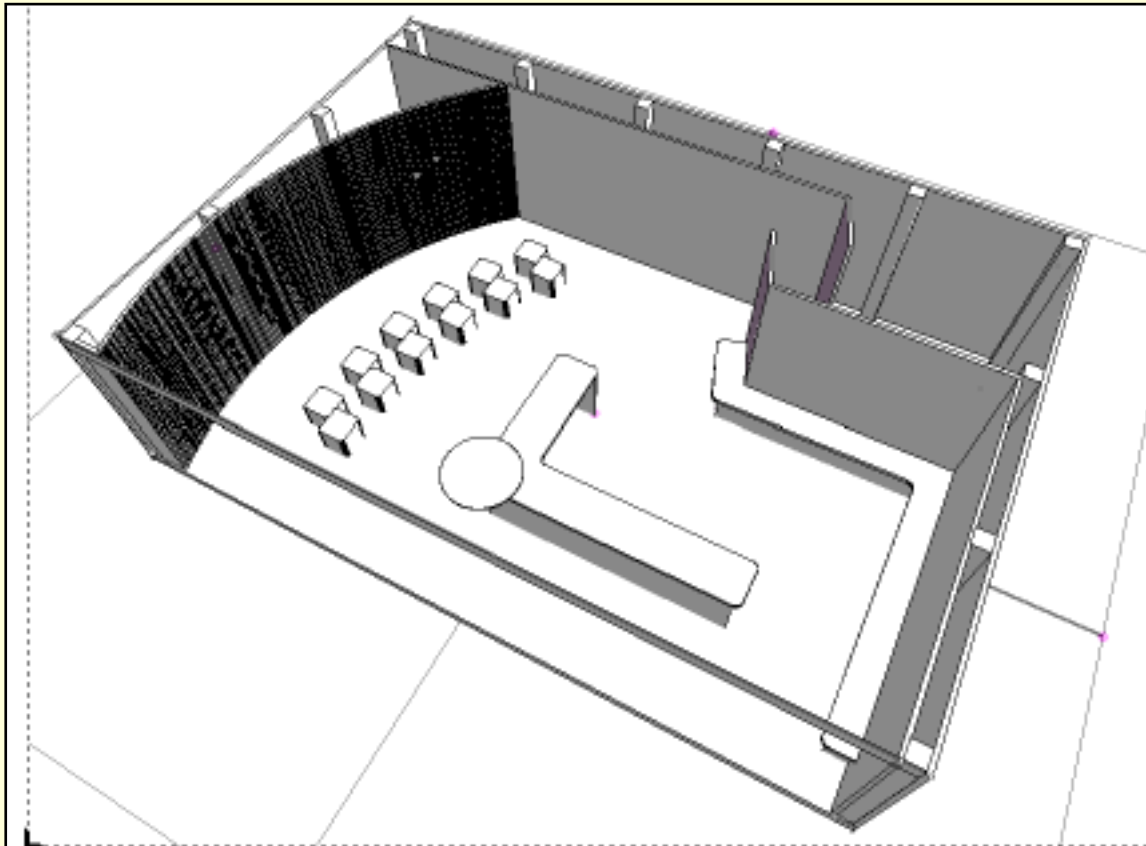
The first chapter of this book focuses on VectorWorks basic tools and main menu commands to help you build a foundation of knowledge that will enable you to understand the way the program works and produce 2D drafting drawings as in the example shown below (Fig. 0.4.).

This will be done through a series of lessons and simple exercises, which you can then adapt to your drawing requirements.



(Fig. 0.4.)

**Chapter 2 focuses on how to use VectorWorks to easily construct 3D drawings and view them from different angles in projection and perspective. To do this we will be working with a tutorial based on one of our past project: the design of an exhibition stand for a magazine at a London show (Fig. 0.5).**



(Fig. 0.5.)

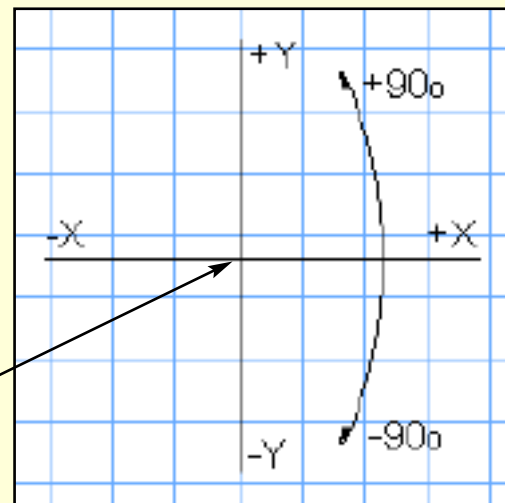
The tutorial introduces the concept of Architectural drawing with VectorWorks. You will learn how to set up a project as well as the basic architectural tools. The tutorial is designed to help you learn specific tools, drawing and presentation methods so that in time, you will be able to define your own drawing strategies.

**This publication is designed to provide you with enough knowledge and understanding of VectorWorks to give you the opportunity to adapt and apply what you have learnt to a myriad of other projects such as any other type of interior or furniture design and even entire buildings.**

## The 2D Axis

**X** represents the horizontal axis and **Y** the vertical axis (Fig. 1.1.6.).

Point of origin of object



(Fig. 1.1.6.)



This diagram illustrates the axis in 2D. The centre represents the point of origin of an object (where you started drawing from).

On the **horizontal axis (X)**, to draw from the point of origin to the right requires a positive value input. Drawing to the left requires a negative value input.

Similarly, on the **vertical axis (Y)**, to draw from the point of origin upwards requires a positive value input. Drawing downwards requires a negative value input.

The same principles apply to angles.