

Almost, in every department of life the best results can only be obtained by the skilful employment of the best means available. Sometimes a genius accomplishes supreme results with the most primitive of means, but it is not for geniuses this work is prepared, but for everyday sort of people, people who do not expect to build houses without materials, or become draftsmen without long and careful preparation; and such being the case it is in order that the reader be advised to purchase the best instruments and accessories his means will admit of.

"A fine workman requires fine tools," and no man can do a fine piece of work not having the proper tools wherewith to do it, so no man can do a good piece of drafting without having the necessary tools; therefore, it will not be out of place to commence with a description of the instruments required, and the manner of using them.

The first thing the young student will require, will be a drawing board. This may be made at home, but should be true on its face and the edges should be exactly at right-angles with each other, or perfectly *square*. The board may be made in size, to suit requirements, but should never be less than 12 by 17 inches. Indeed, it is