Ex_08a:
Simple Explanations_

Before we get too advanced in our tool abstractions, let us take a moment to recall where we started. For a brief moment, I want you to take a break from your emulation drawings. For now I want you to create in your head a simplified understanding of the use of your tool. For this to be worth while for the class in understanding your process and project, and more readily for your own understanding and benefit, you need to tell us about your thing, quietly simply.

Think of the warning labels we all know so well. You know the ones, they show us to not cut our fingers off in our lawn mowers. They teach us that if the scalding liquid were to escape from our hot water heaters it would melt our faces. They show us what air bags do if not used properly, and they inform us about the dangers of putting our hands on table saws. We take such labels for granted, but they provide a host of noble services to us in order to keep us safe and keep our local manufacturing facilities from being sued and subsequently closed, but possibly more importantly they teach us a keen lesson in diagramming. They show us that blatant, simplistic imagery communicates clearly, intensely and without equivocation. Basically, clear simplicity gets the message across very, very effectively. We are not insinuating your tools are dangerous. In stead we are using this simple means of communication to explain graphically your tool's uses and the inherent consequences for use in a vivid and understandable manner.

Ex_08b:
Simple Exercises_

Consider these as visual guides for a short series of diagrams to explain the intended use of your tool. You will create a set of six diagrams that explain to the rest of us what your tool does, how you use, how it relates to others around, how it operates and how it uses space whilst in action. The six specific diagrams are as follows:

[01] Tool Use
[02] Tool Connection to You
... as the first person, or primary user
[03] Tool Relationship to Someone Else
... as a bystander, witness, benefactor or victim of the consequence of the intended use
[04] Tool Placement in the Environment
[05] Tool Mechanization
... its internal movement while being used
[06] Spatial Occupation of the Tool While Being Used
... its external movement while in use

*Each diagram must be 8” x 8” and individually centered on a page measuring 8.5” x 8.5”. Each diagram should be simply labeled in the bottom right-hand corner with the one word title indicated in bold for each diagram. Have these all printed and pinned up in the space by 8:30am.

Ex_08c:
Simple Programs_

*Write a one page program explaining the use of your tool. This can narrate the six diagrams you have created for us, or it can use other literary means to tell us the story of how your tool is supposed to be used, what happens when it is and how it relates to what is around it.