

**File Format :** AutoCad .DXF ver. 2004 - Please do not send any other file format - we can't open it

email files to : [ctifabshop@gmail.com](mailto:ctifabshop@gmail.com)

download the templates from : [architectscornerLA.com](http://architectscornerLA.com) - Services - Laser cut

Name your job folder - Lasercut\_YourNAME : example- Lasercut\_ John\_Brown

**Machine Cutting area :** 24in x 37.8in(Do not exceed this area)  
37.8" = X- axis 24" = Y - axis

**Max Cut Thickness: 3/8" :**  
Acrylic and basswood only

**Laser Cutting Material:** Acrylic , basswood, hardwoods ,all paper products - chipboard, museum board, task board, masonite boards, plywood , butter board , cork  
**We do not cut :** styrene, abs , polycarbonate, all foam products

**Layout:** We only cut in Model Space

(a) **Draw your Material:** Landscape mode

1) Draw your material size in AutoCad.

You need to place your parts to fit inside the material.

2) Draw a 1/8th inch border **within** (use offset command ) refer to drawing below

(b) **Cut and Score Layers assignment :** Separate your cut lines and score lines using layers  
Do not assign a line thickness to your drawing (Use Default)  
Use the overkill command to delete overlapping objects

Your drawing may have a max. of 4 layers as described below

**0 Layer = Any color - use for all non cut - material & border outline**

**Outside Cut Layer = Yellow (Pen # 2) Do not use any other yellow**

OPTIONAL LAYER: **Inside Cut Layer = Yellow (Pen # 2) Do not use any other yellow**

OPTIONAL LAYER: **Score Layer = Red (Pen # 1) Do not use any other red**

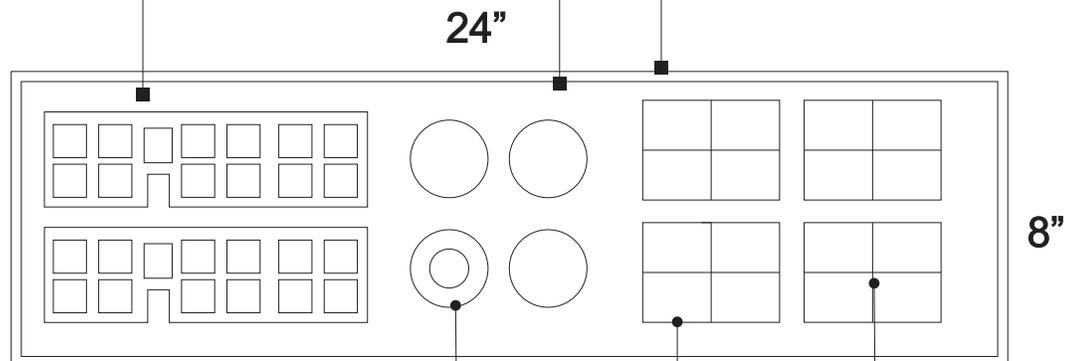
**What your drawing should look like: example: basswood sheet : 8"x24"**

Delete any drawings that do not have to be cut

Material = Layer 0 (Does not get cut )

Material border 1/8" offset = Layer 0 (Does not get cut )

Material cut area



Inside Cut Layer = Assign Pen # 2 (Yellow)

Outside Cut Layer = Assign Pen # 2 (Yellow)

Score Layer = Assign Pen # 2 (Red)

- 1) You can have all your cuts in one drawing but label each material accordingly
- 2) All material must be prepaid. We only cut material purchase at our store.
- 3) If your file is not setup correctly we will not process your job.
- 4) Backer material to keep parts in place will be billed accordingly :
- 5) Inquire if you need it in less time.