

## Design Notes

### Christmas Card Holder

#### Difficulty Rating:

Easy	
Straight forward	YES
More complex	

#### Please note:

These Design Notes are for our regular metalcrafters who are familiar with our more comprehensive Design Pack instruction sheets and who are ready to progress on to new projects where briefer outline instructions are sufficient. The dimensions in the diagram(s) shown overleaf are approximate and for guidance only. Where bend angles, rolling radii or other information are not specified it is assumed that the reader is experienced enough with Metalcraft tools to be able to work these out for themselves from the drawings provided.

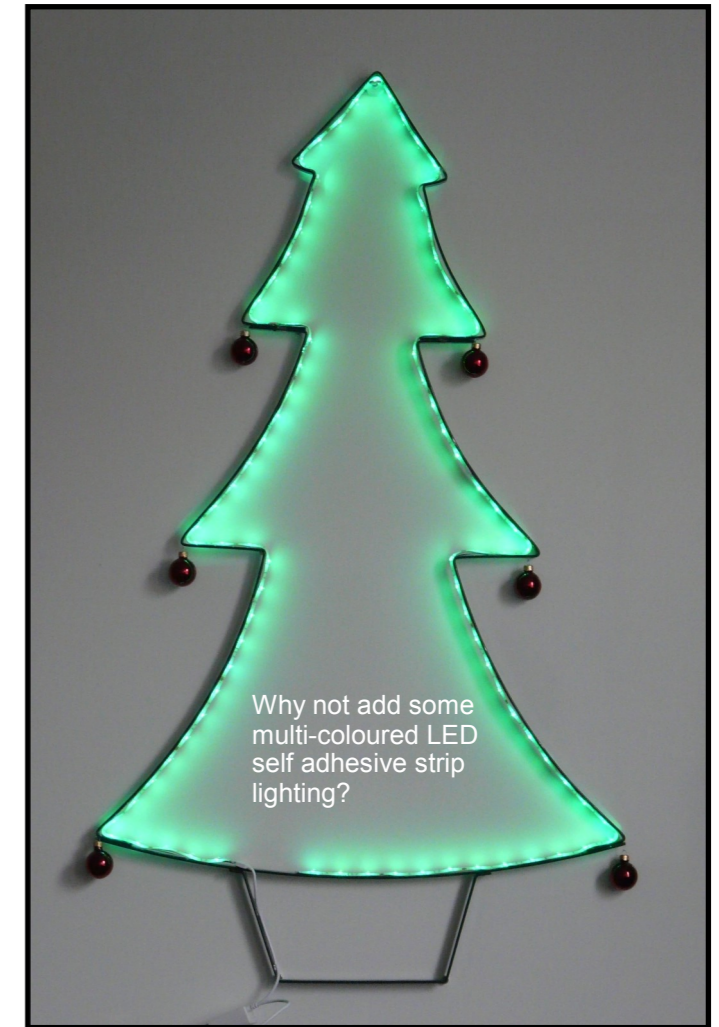
#### Tools required to make this design

Punching	Practical Punch/Shear Tool (PPS) or Master Punch/Shear or XL5+ Power Bender fitted with 3mm Punch Block & Pins.	YES
Cutting	Practical Punch/Shear Tool (PPS) or Master Punch/Shear Tool or XL+ Power Bender Tool	YES
Riveting	Practical Riveting Bending and Rolling Tool (PRBR)	YES
Bending	Practical Riveting Bending and Rolling Tool (PRBR)	YES
Rolling	Practical Riveting Bending and Rolling Tool (PRBR)	YES
Scrolling	Mk 2/2H or Mk 2/3 Scroll Former	

We recommend that before starting you wipe all steel bars down so that they are free of grease, scale or dirt. After cutting any component, we also recommend that you trim the corners for a neater finish, if preferred, unless these instructions tell you otherwise. Use a fine tip marker pen, pencil or scribe for marking hole, bend, scroll, roll points on the bars.

An Early Version.

Note the instructions overleaf will generate a slightly different tree shape if followed precisely.



Why not add some multi-coloured LED self adhesive strip lighting?



# INSTRUCTIONS: CHRISTMAS CARD HOLDER

## List of Materials Required:

5 No. 3ft (914mm) x 12mm x 2mm Steel Strip (Re-Order Ref: MC034)

6 x 6mm x 3mm Rivets (Re-Order Ref: MC050L)

### TOP

12 x 2mm Strip - 914mm long.  
Roll and bend as shown.

### SIDE

12 x 2mm Strip - 914mm long.  
Roll and bend as shown.

### BOTTOM

12 x 2mm Strip - 760mm long approx.  
Roll as shown.

### BASE

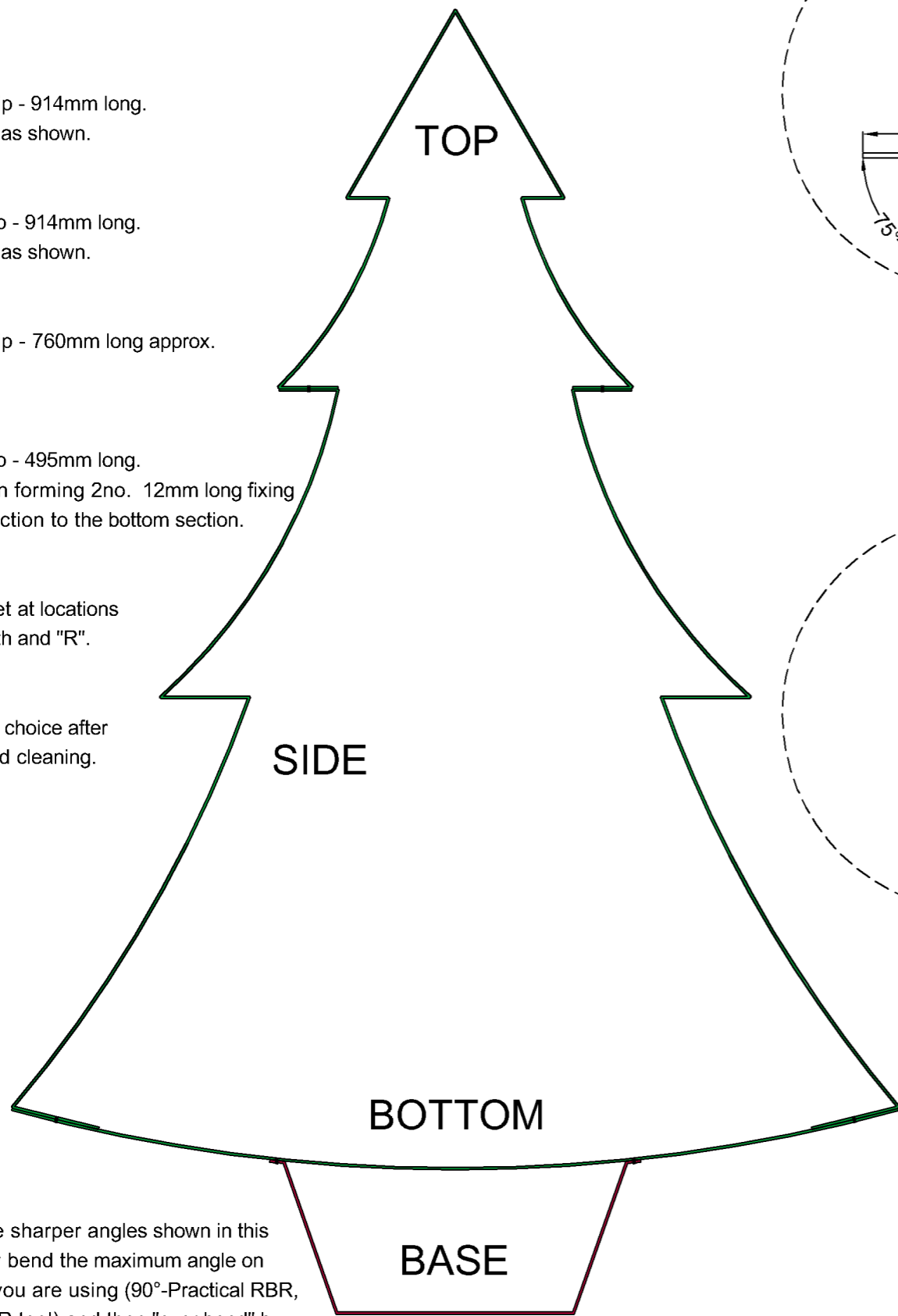
12 x 2mm Strip - 495mm long.  
Bend as shown forming 2no. 12mm long fixing tabs for connection to the bottom section.

### ASSEMBLY

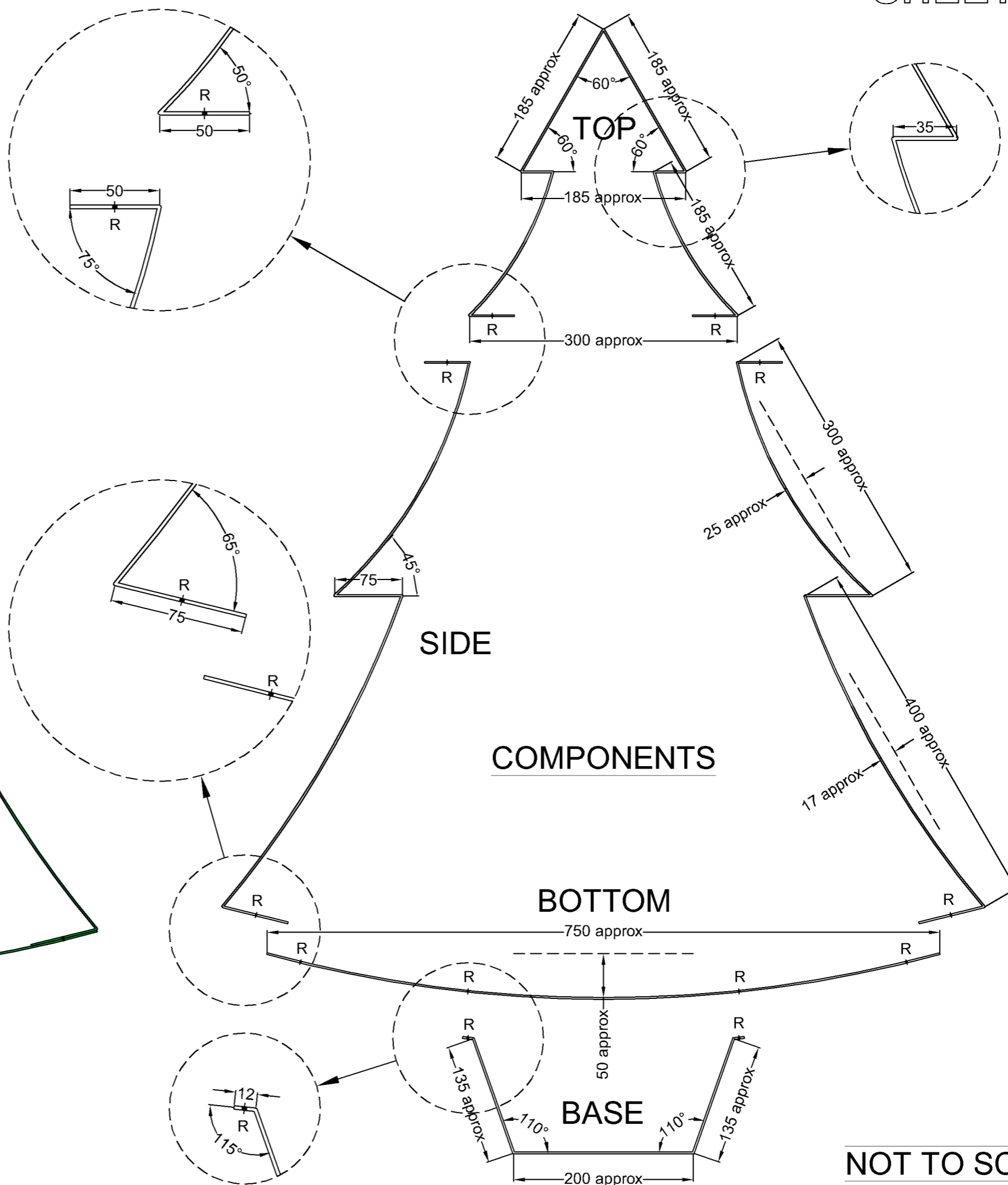
Punch and rivet at locations designated with and "R".

### FINISH

Apply finish of choice after degreasing and cleaning.



**ASSEMBLED TREE**



**COMPONENTS**

**NOT TO SCALE**

### NOTE

To achieve the sharper angles shown in this project, simply bend the maximum angle on the RBR tool you are using (90°-Practical RBR, 60°-Master RBR tool) and then "over bend" by hand to the required angle. This should be possible using the 12mm x 2mm strip.