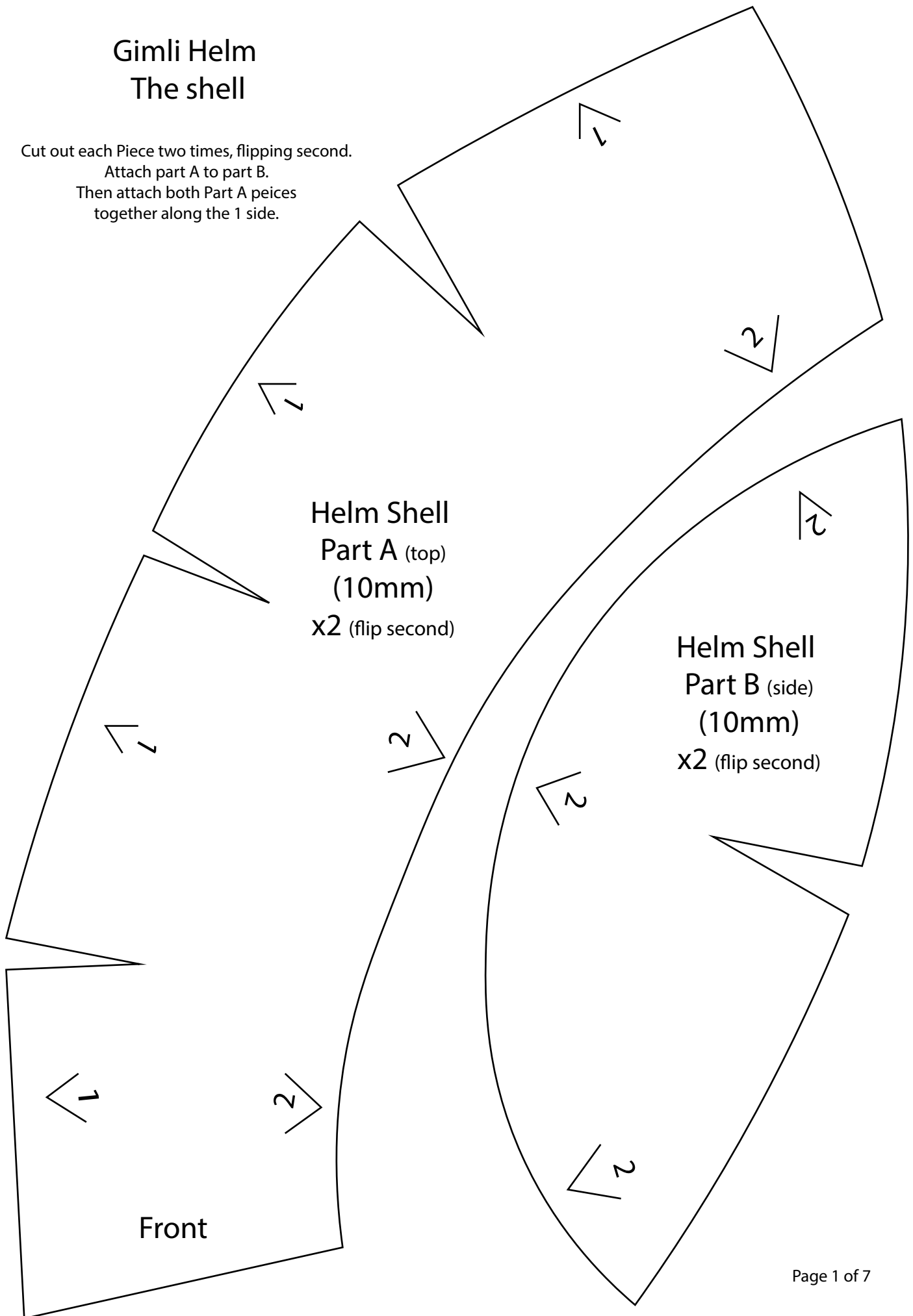


# Gimli Helm

## The shell

Cut out each Piece two times, flipping second.  
Attach part A to part B.  
Then attach both Part A peices  
together along the 1 side.



# Top of Helm

Front Arch  
10mm  
x2

Attach both peices together to make arch 20mm thick

Apply hammered metal texture to sides of arches.

Sides and Back Arch  
10mm x6

Attach 2 pieces together to create a 20mm thick arch

Attach front, side and back arches to helm shell to creat a  $\perp$ .  
Attach top plate to top center of helm on top of arches.  
Attach Leather panels in between the arches onto the helm shell then add braid trim.

Front Panel will be attached to front center of Rim once it is attached to Helm Shell

(Some Trimming or sanding may be needed to fit arches and leather panels to shell.)

Top Plate  
Part A  
2mm

Top Plate  
Part C  
2mm

Top plate attach Part B on top of Part A, attach part C on top of Part B, rivet goes on top.

Top Plate  
Part B  
1mm or 2mm

Leather Panels  
1mm or 2mm  
x4

Apply leather texture before attaching to shell.

Top Plate Rivet 2mm

Front Plate  
6mm

apply hammered metal texture to front of plate

Front Plate Trim  
1mm or 2mm

Attach trim to front plate.

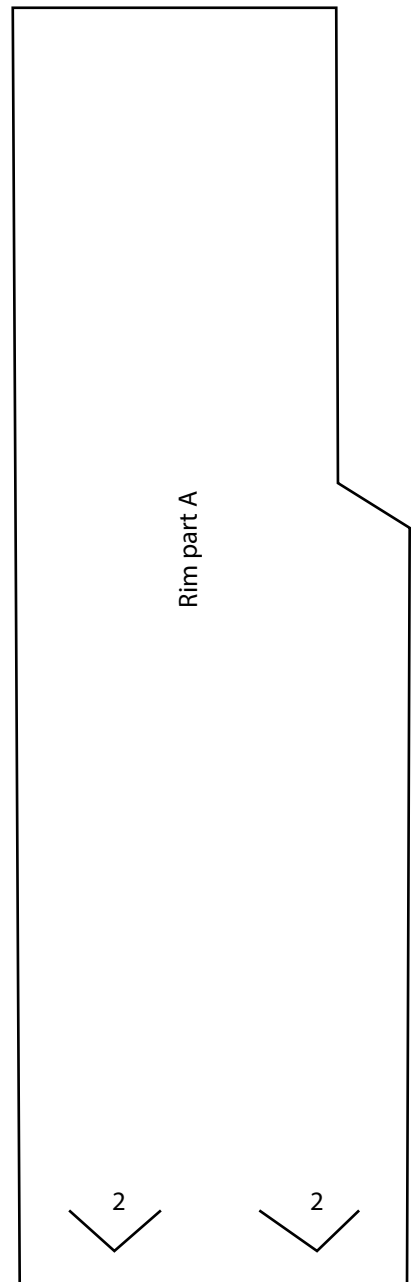
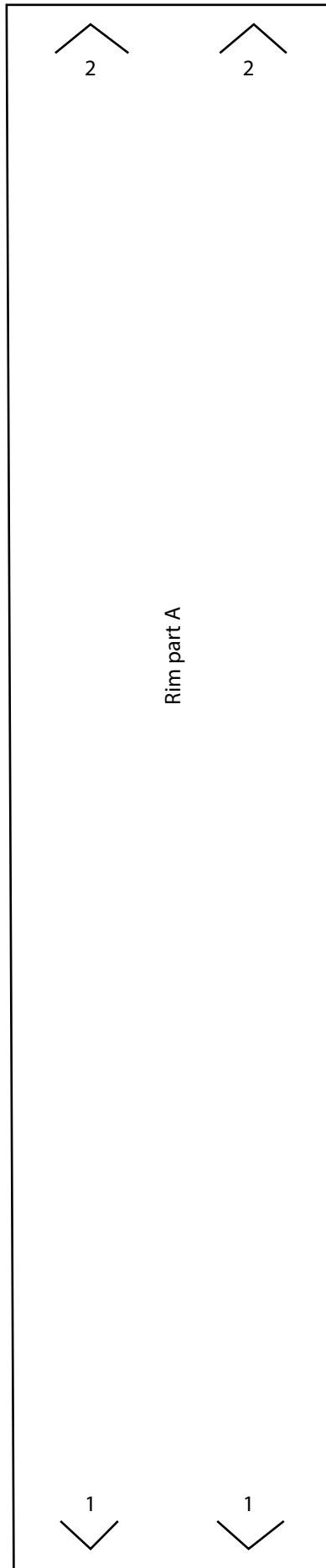
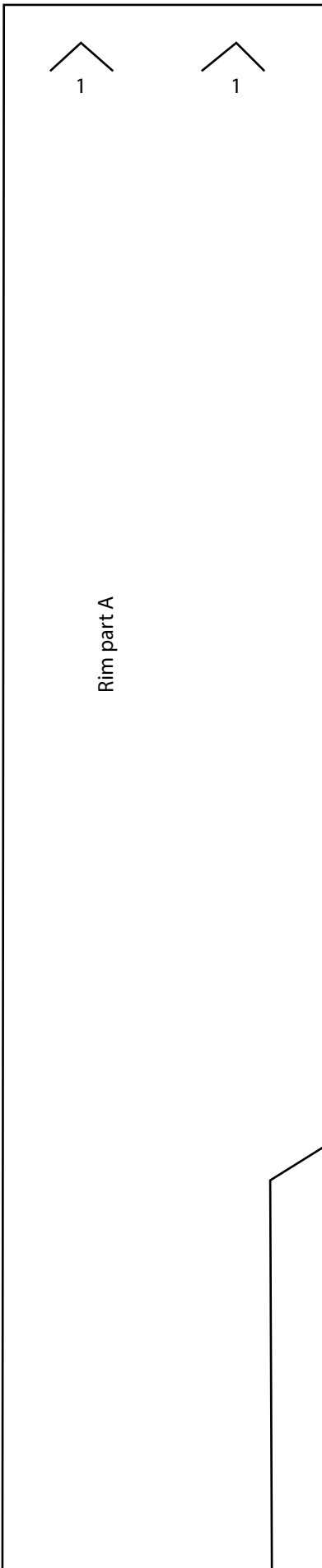
Cut strips of 2mm about 10" long to braid for leather plate trim along arches.

# Rim

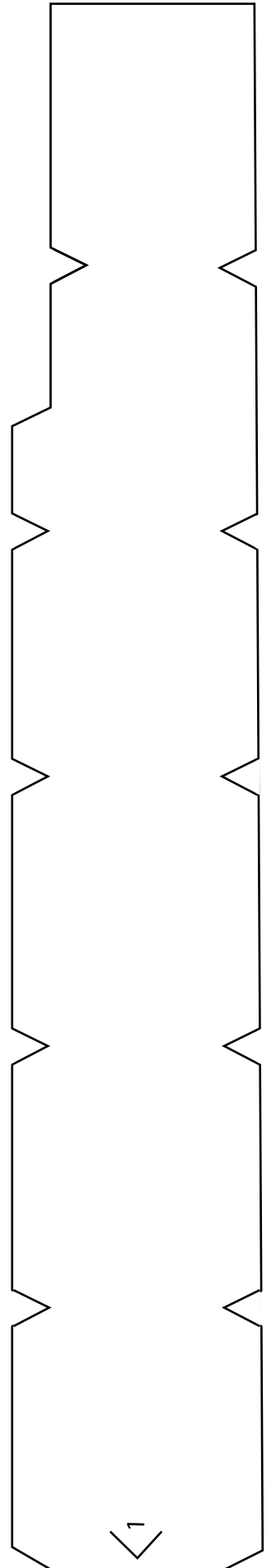
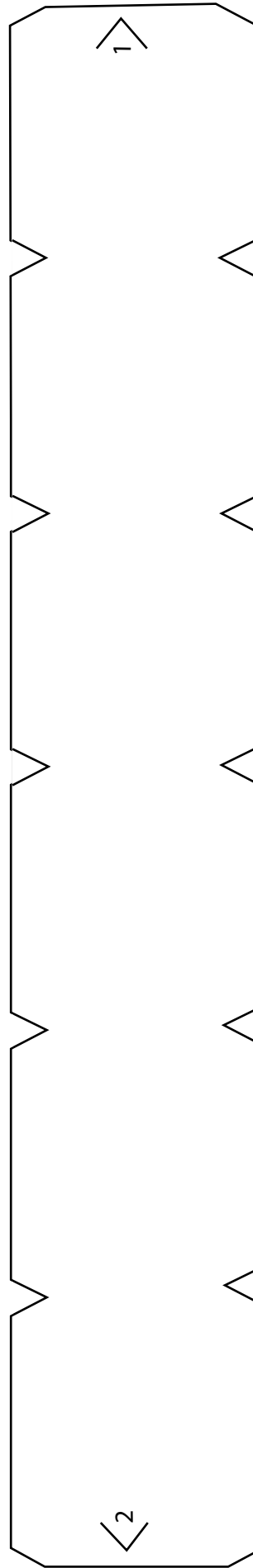
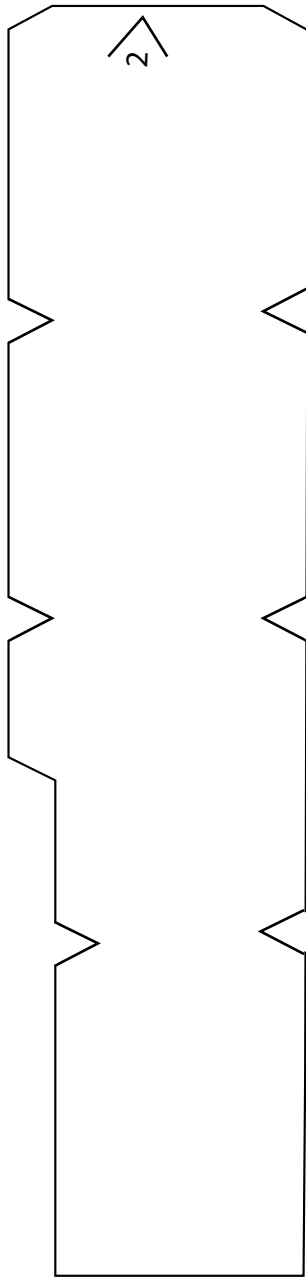
Part A (part B on page 4)

6mm

Cut out pattern and attach pattern together at corresponding numbers to create one long strip then cut out foam with the full pattern piece.



**Rim  
Part B  
2mm**



Attach pattern together at corresponding numbers to create one long strip.  
Add hammered metal texture to top of Rim Part B.  
Attach Rim part B on top of Rim part A.  
Attach Rim around edge of Helm shell after pieces from page 2 have been attached to the helm shell.

## Face plates & Neck

Attach neck to underside of helmet after scales trim and lacing have been completed

Side Face Plate  
Part A  
x2 (flip second)  
6mm

Add hammered metal texture.

Side Face Plate  
Part B  
x2 (flip second side)  
1mm or 2mm

Back Scales  
x105  
1mm or 2mm

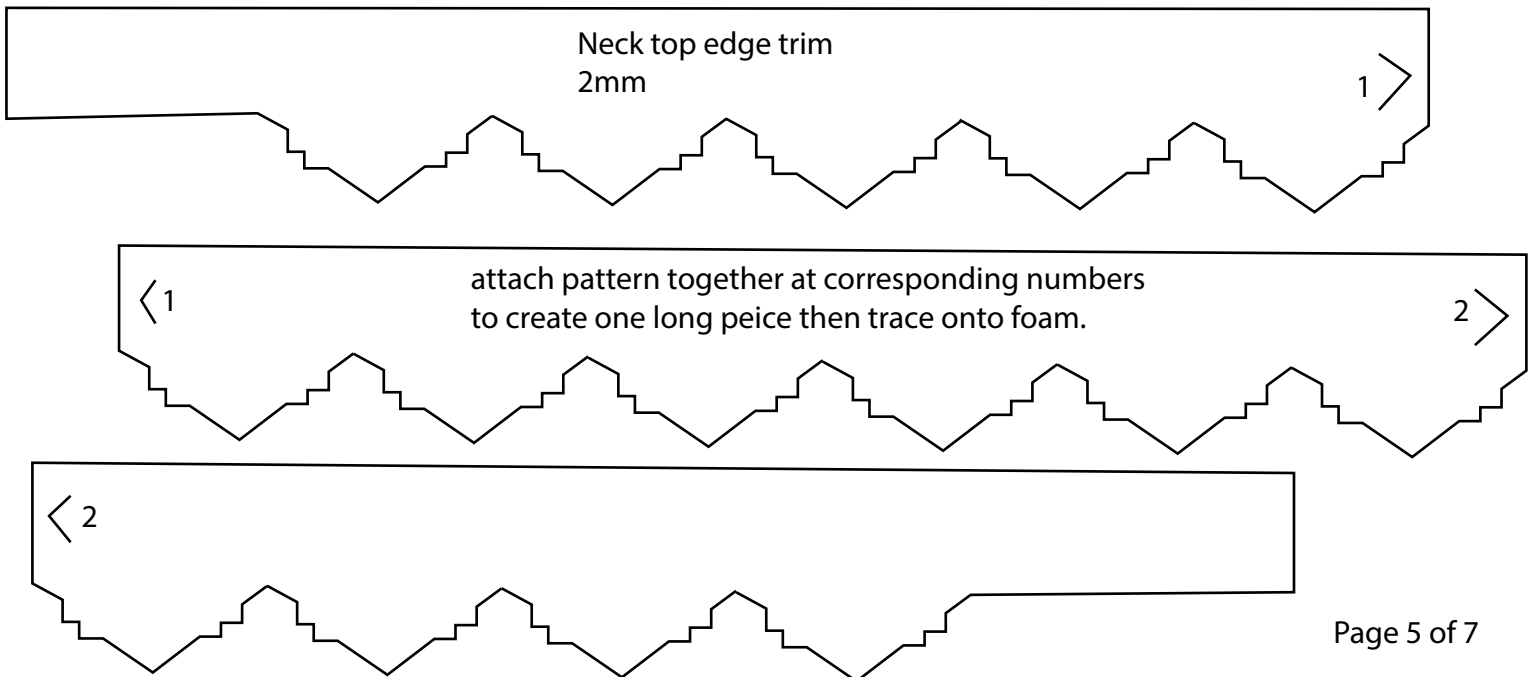
## Neck Base

Cut 2 pieces of 2mm 21" x 5"  
(some trimming may be needed once attached to helmet.)

Attach back scales to neck base in 15 rows of 7 starting from the middle bottom of the neck base

Attach neck trim to neck base at top of scale columns.  
Line pattern up with the scales.

Use strips of foam or leather lacing to add stitches between scales.

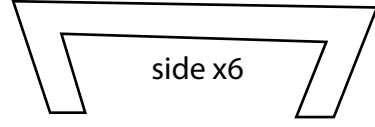


# Helmet detail designs

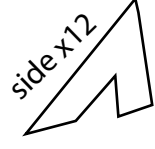
Top Plate Detail  
1mm or 2mm  
x4



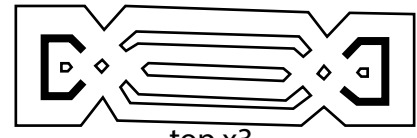
Side & Back Arch Detail  
1mm or 2mm



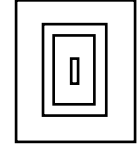
side x6



side x12

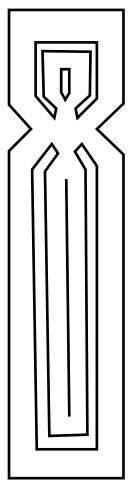


top x3

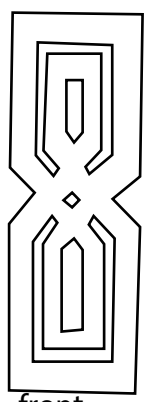


top x6

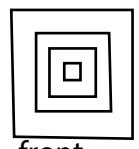
Front Arch Detail 1mm or 2mm



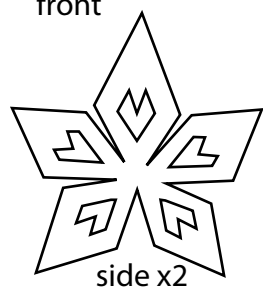
top



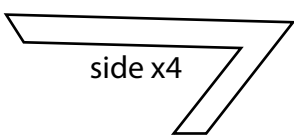
front



front

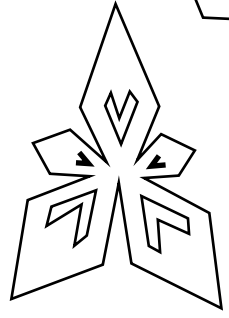
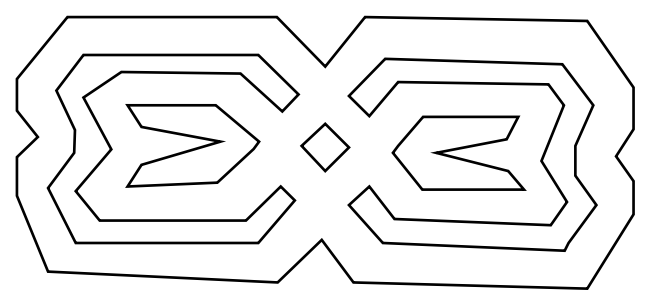


side x2

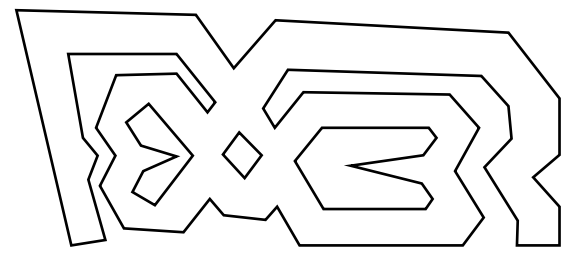


side x4

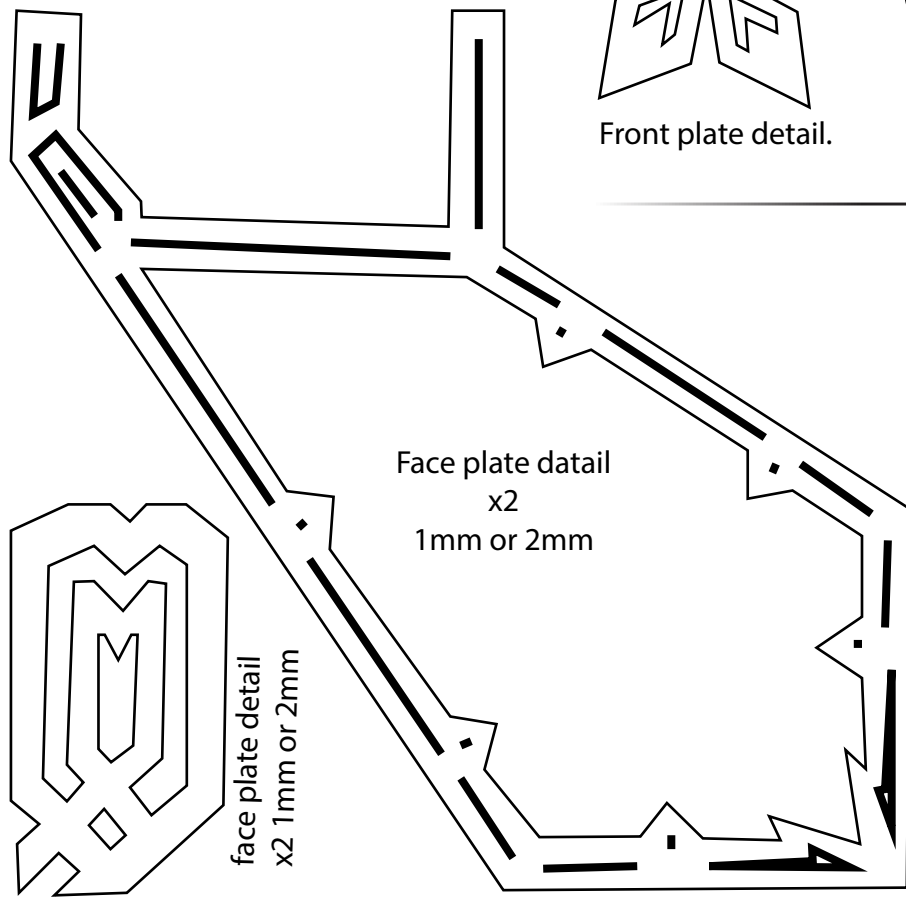
Rim detail x6



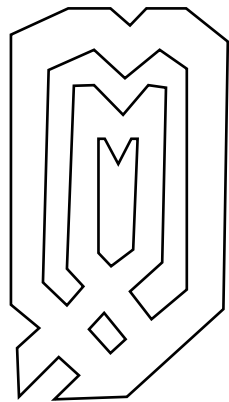
Front plate detail.



front rim detail x2

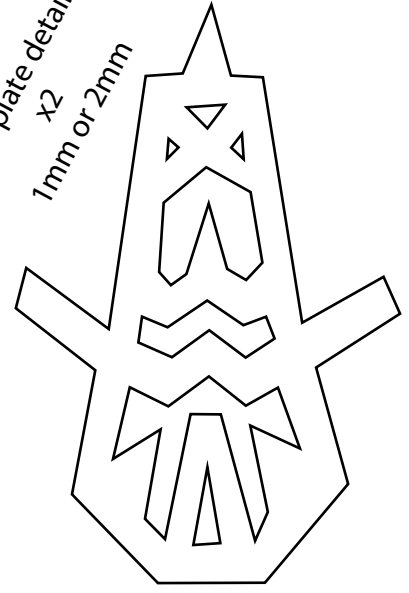


Face plate detail  
x2  
1mm or 2mm



face plate detail  
x2 1mm or 2mm

face plate detail  
x2  
1mm or 2mm



# Reference Pictures for Gimli Helm

For more pictures or help with the build feel free to message me on instagram @ashen\_bug. I also have more picture of my completed helmet painted and unpainted on my instagram page,

