

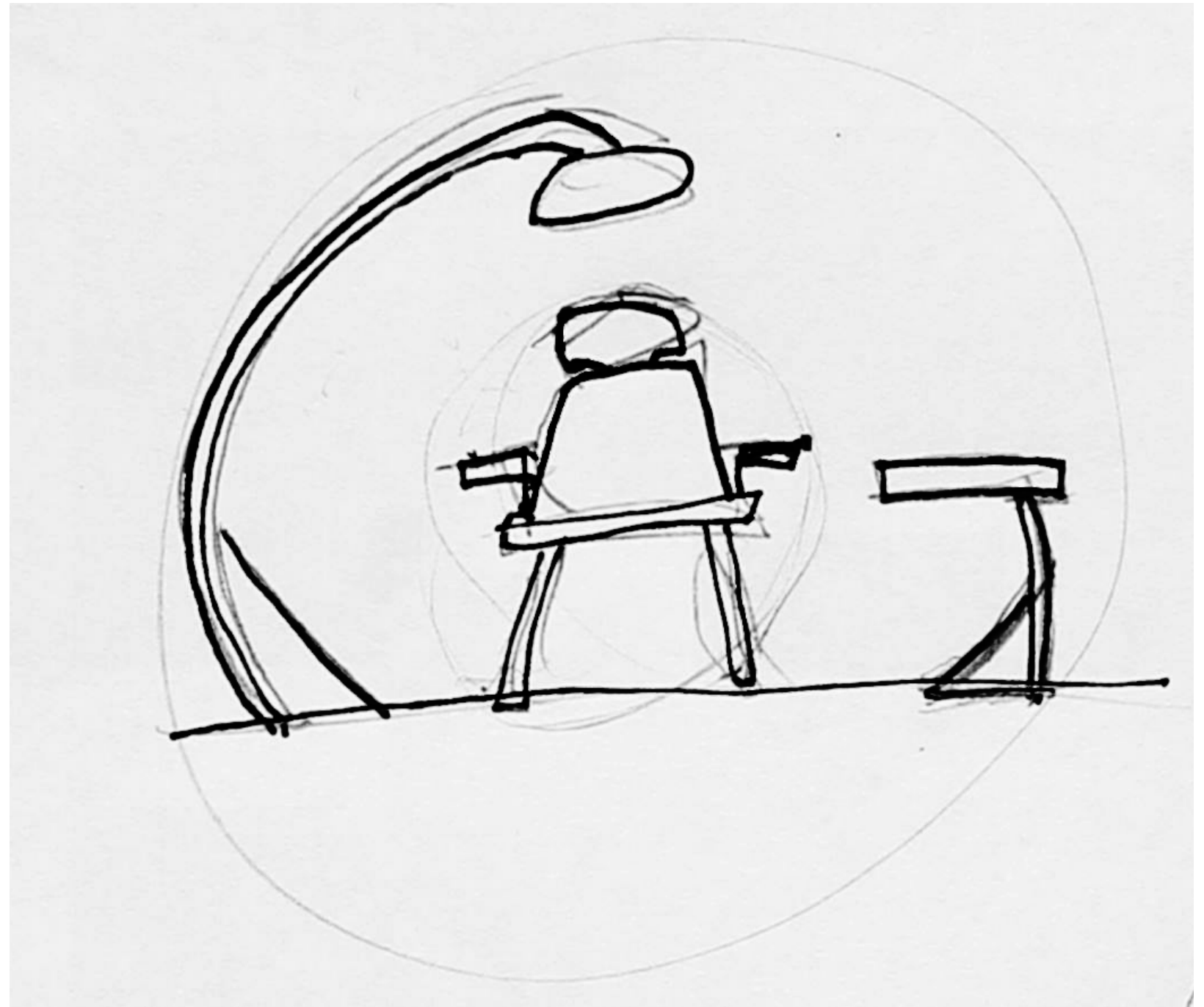
The word "ORBIT" is written in a bold, yellow, sans-serif font with a slight 3D effect. A red, glowing ring orbits the text, resembling a planet's orbit. The entire logo is centered on a dark blue horizontal band.

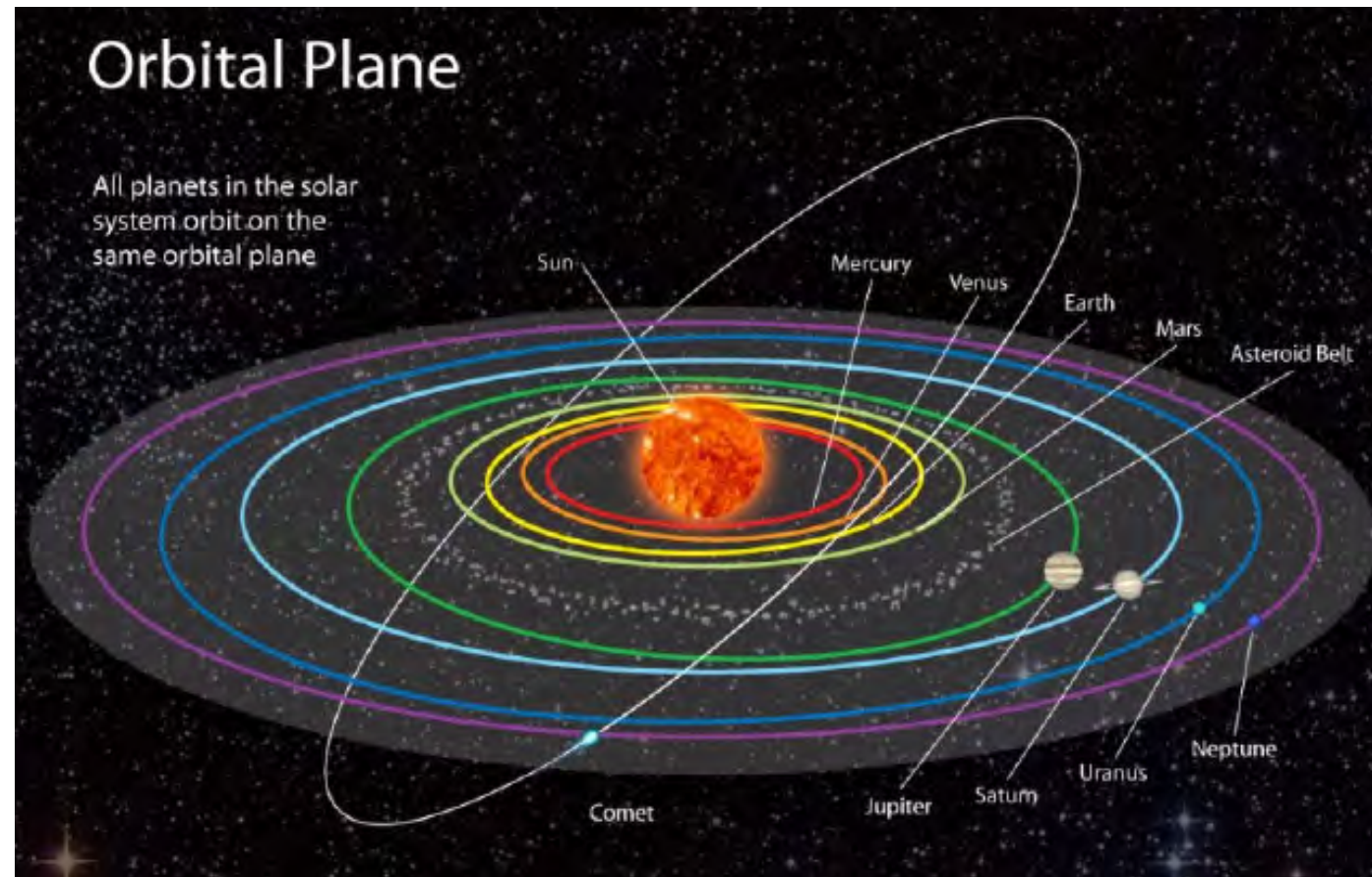
ORBIT

Kolby Krishna, Liza Sanborn, Will Waris

INTENT & CONCEPT

The intent of this collection is to create an inviting space with comfort as the most important factor. By utilizing the orbit concept, the user in the chair is made the center of attention as the lamp and table revolve around them.

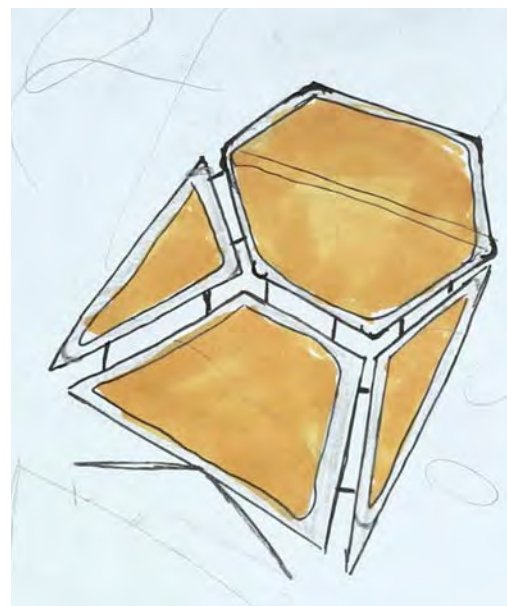
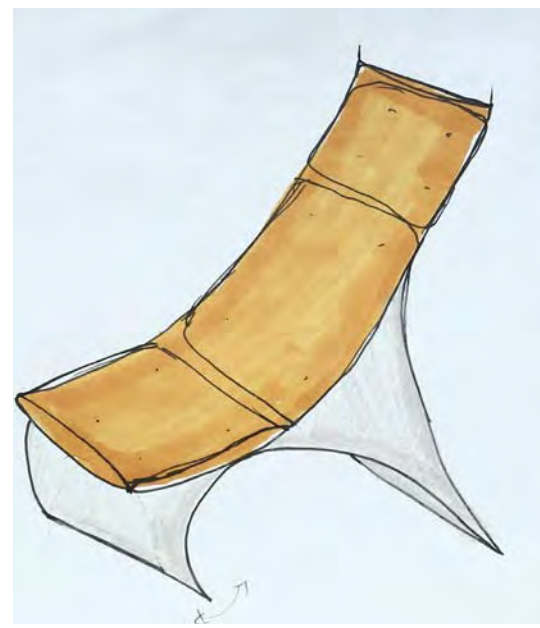
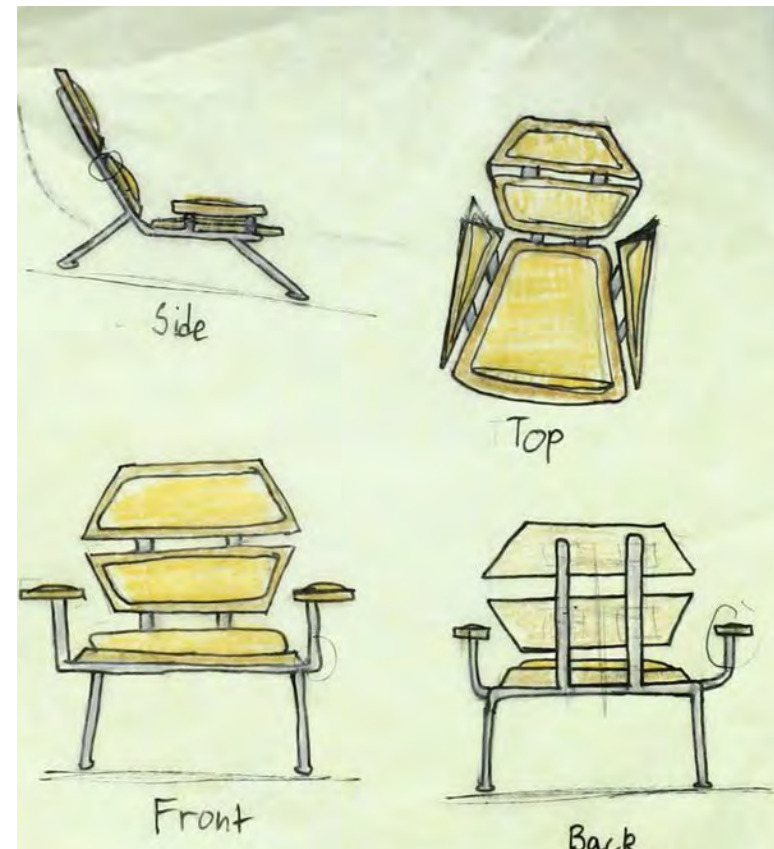
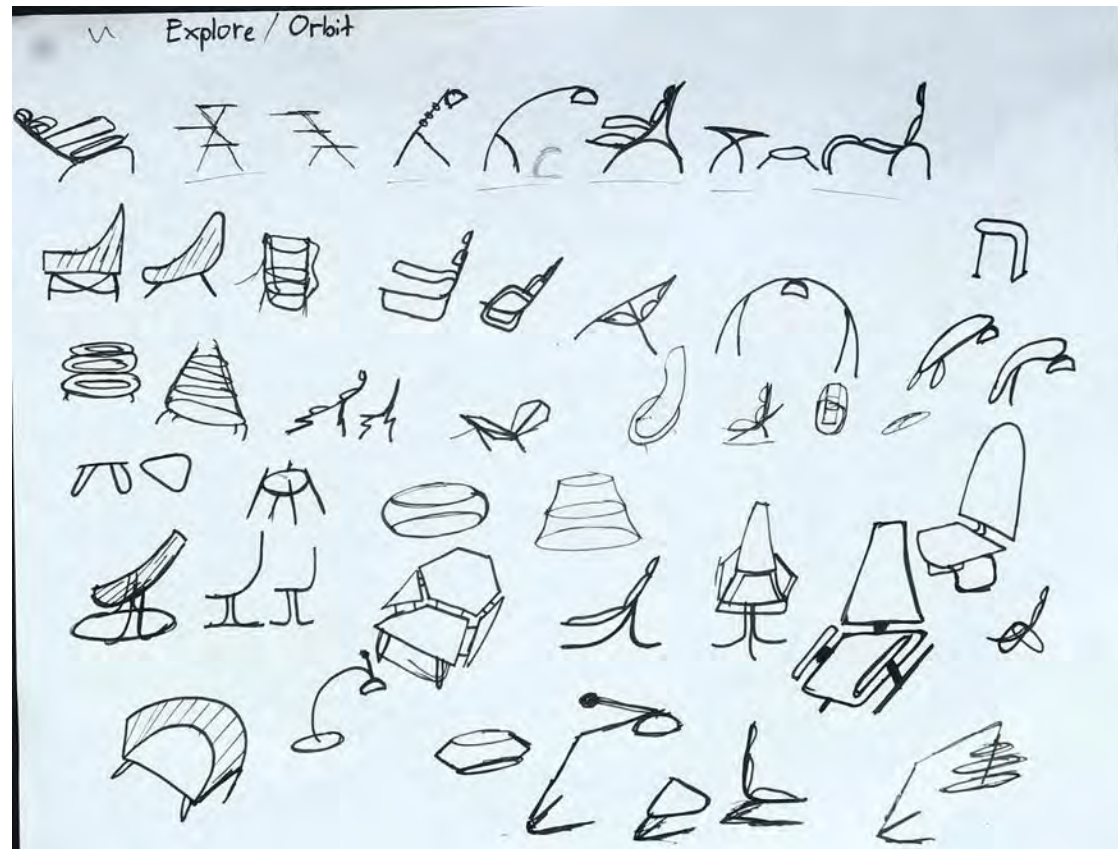




The concept of Orbit was heavily inspired by the flight paths of satellites today. We looked at rockets and the colors of space technology when designing.

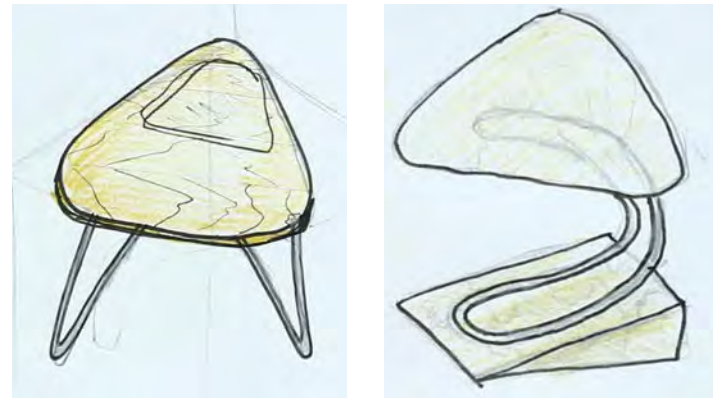
CONCEPT BOARD

DESIGN PROCESS

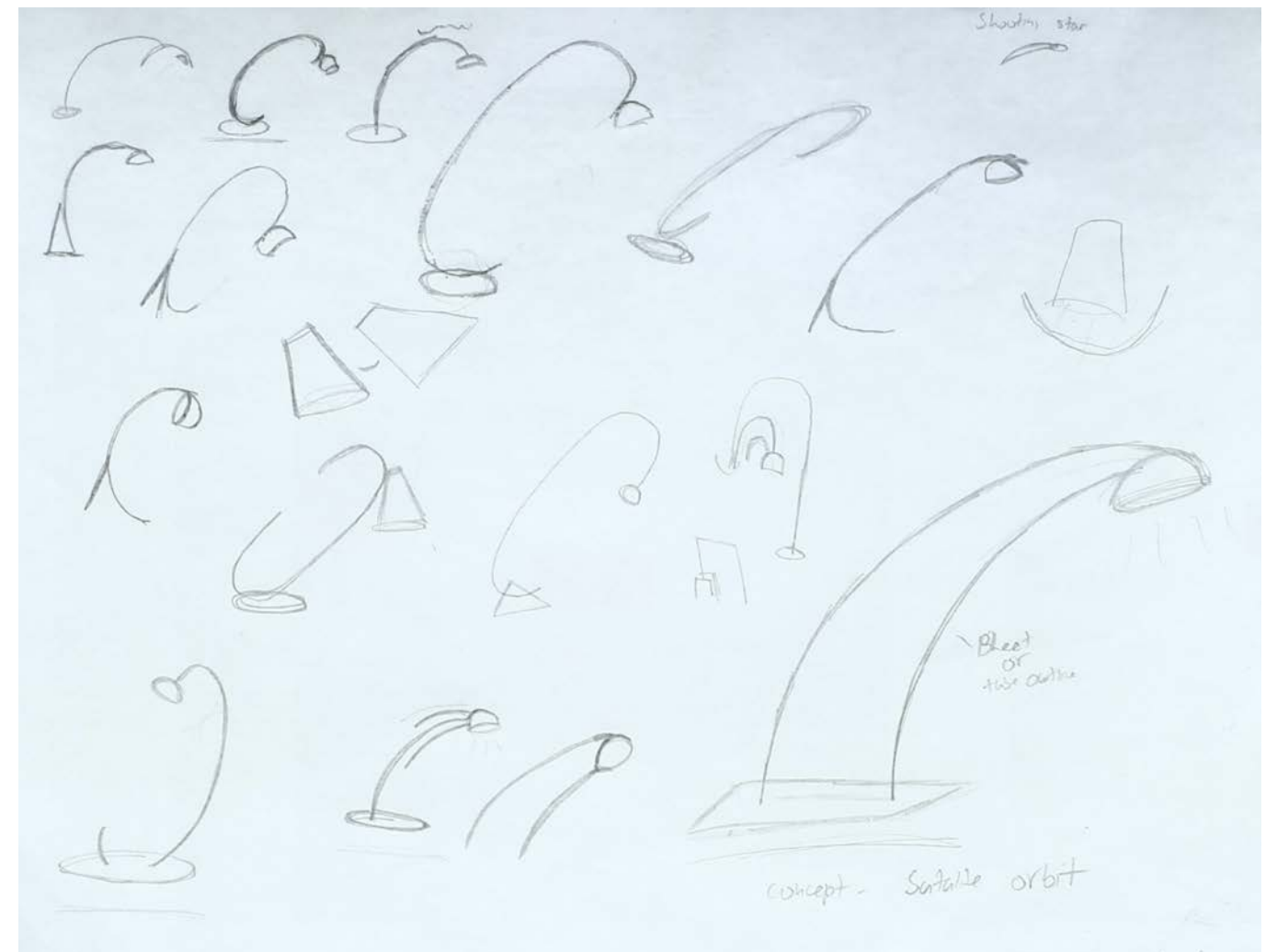


We started drawing thumbnails based off of the shapes we saw in space designs. Some were geometric, whereas some were more organic. We landed on a geometric design that would favor the satellite style and that would compliment the human form.

DESIGN PROCESS



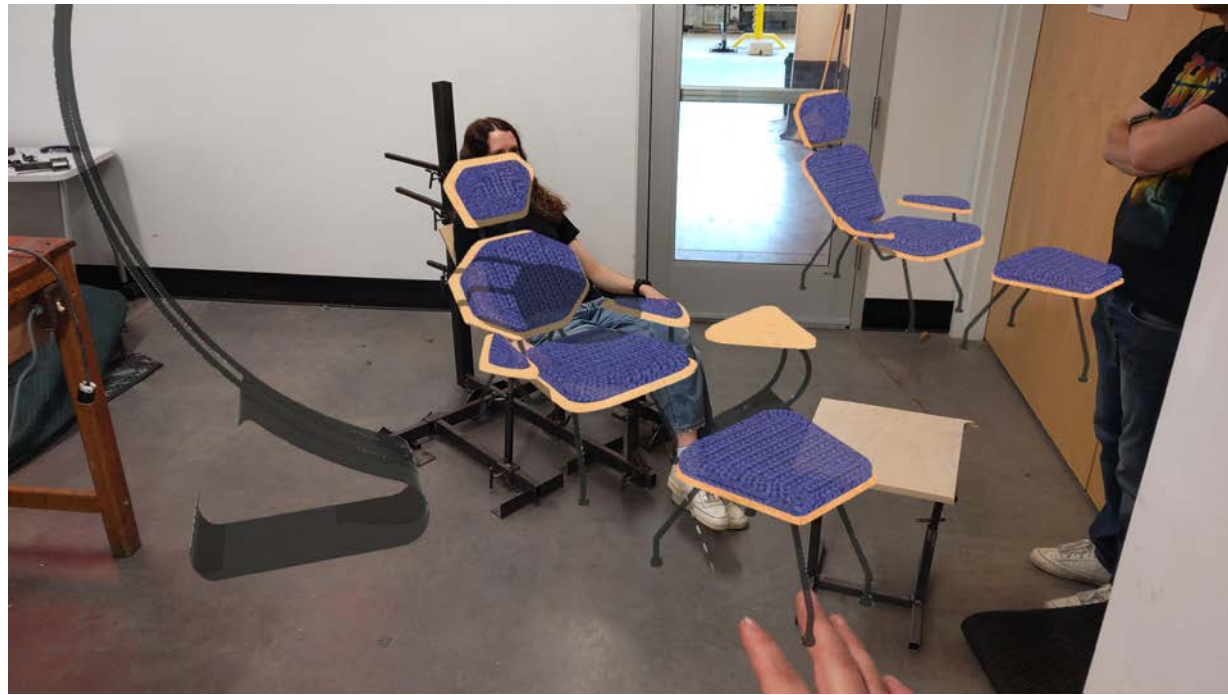
We designed the table and floor lamp along an orbital flight path. They will sit on either side of the chair to create an orbital shape that frames the chair and invites the viewer in. The table top has an oval shape that is commonly found in other space age designs, as well as technology of today.



HOLOLENS USE

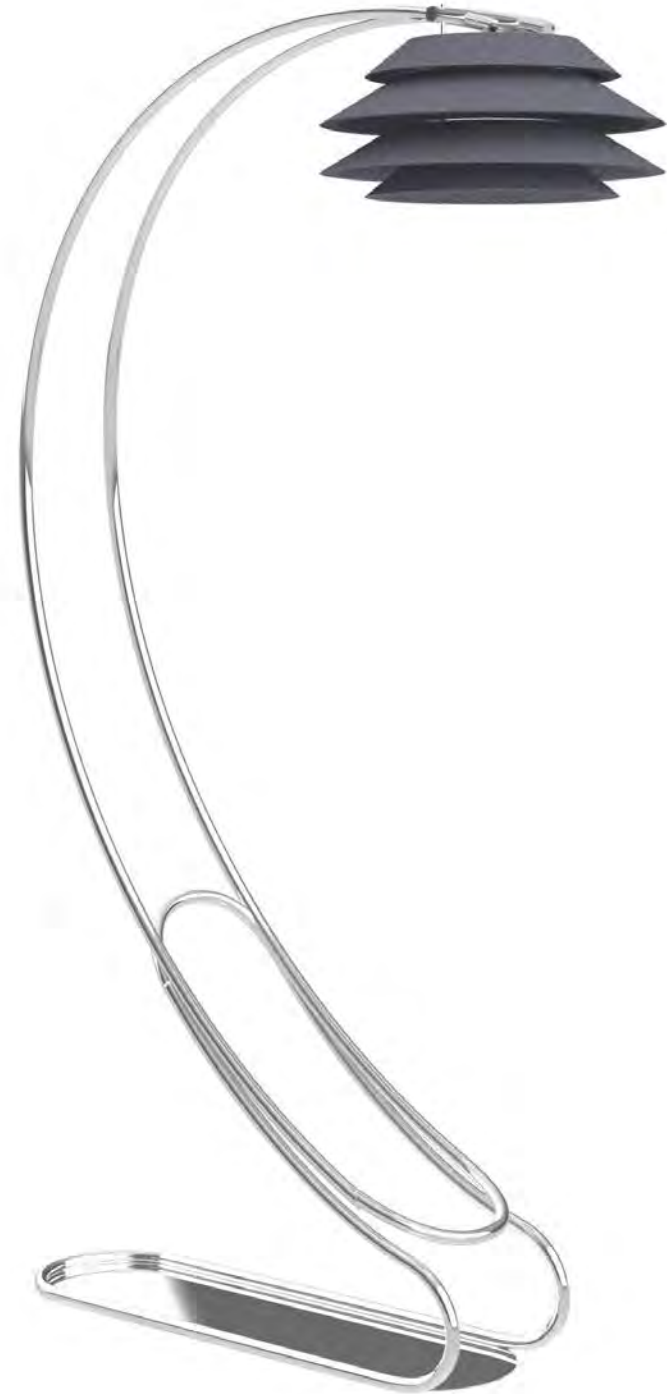


HOLOLENS USE



We used the hololens to project our 3D model onto our physical prototype. This allowed us to adjust the height and length in real time to perfect comfort and proportion.

MIDCRIT DESIGNS





MIDCRIT SCENE

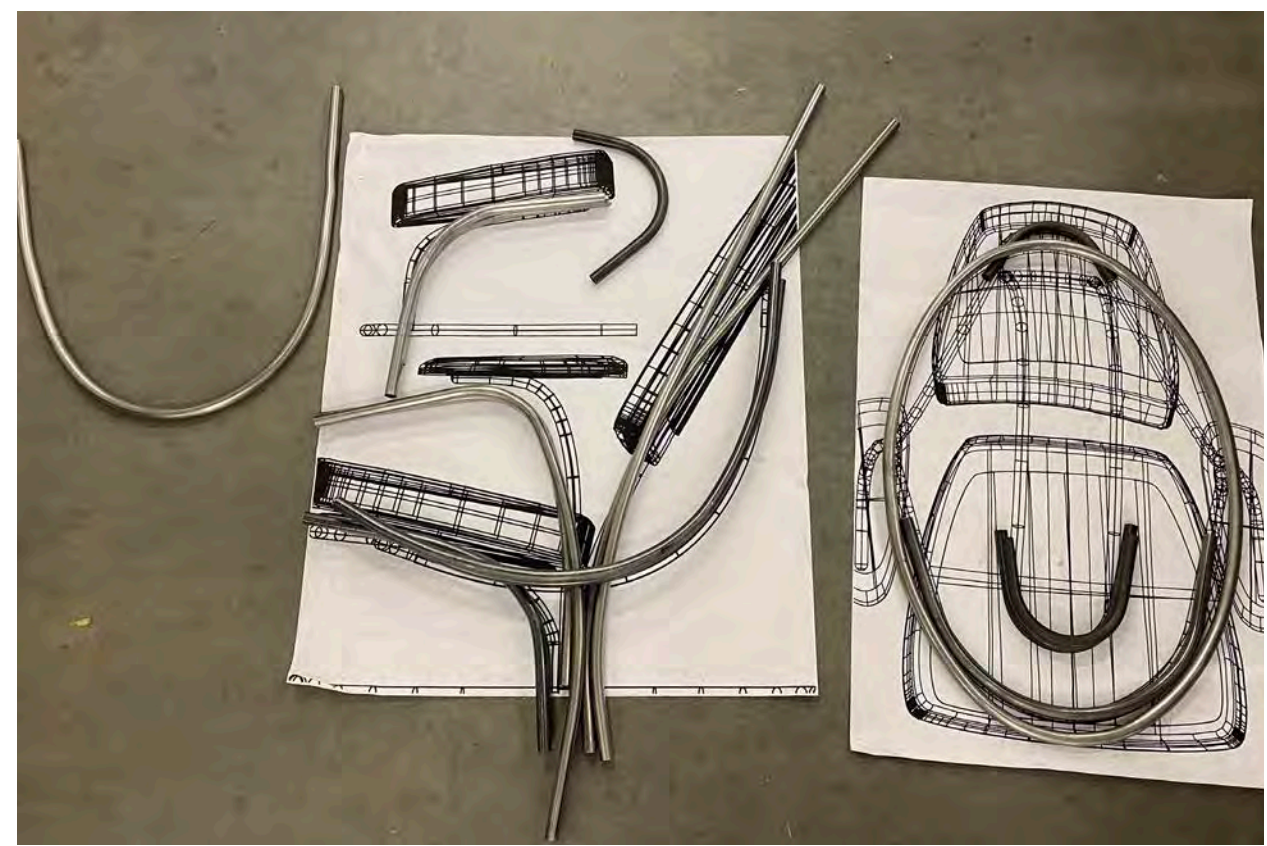
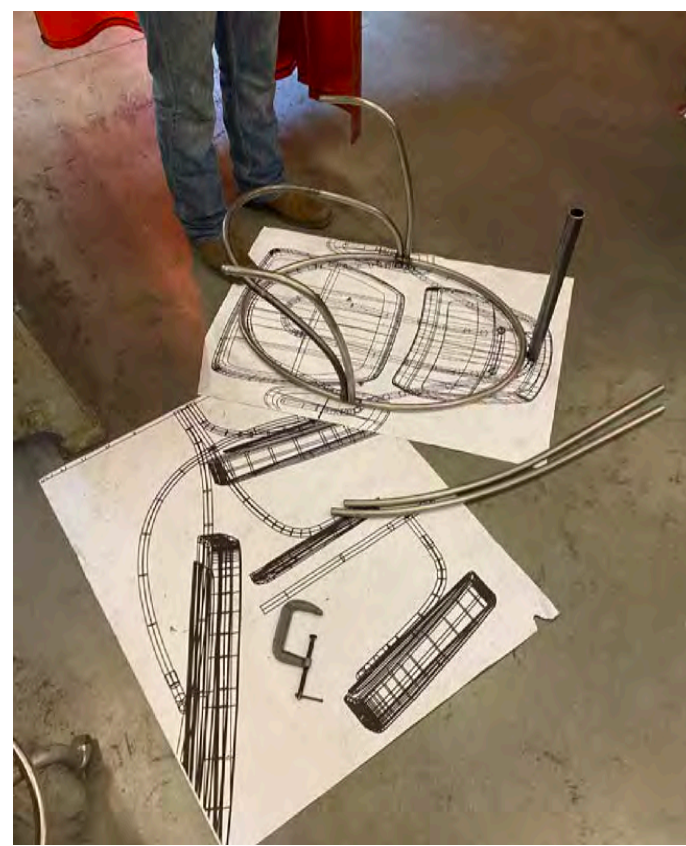
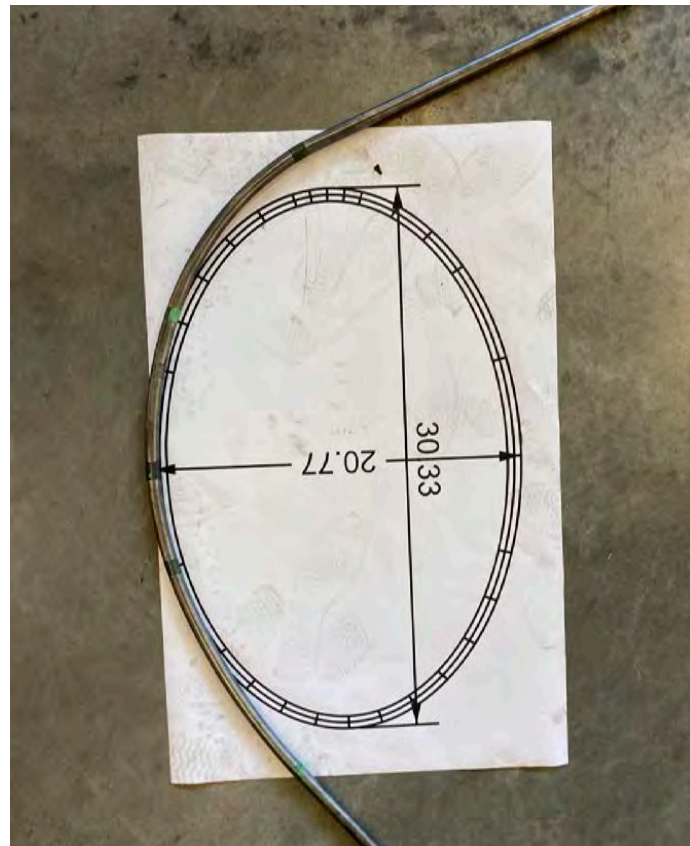
REVISIONS



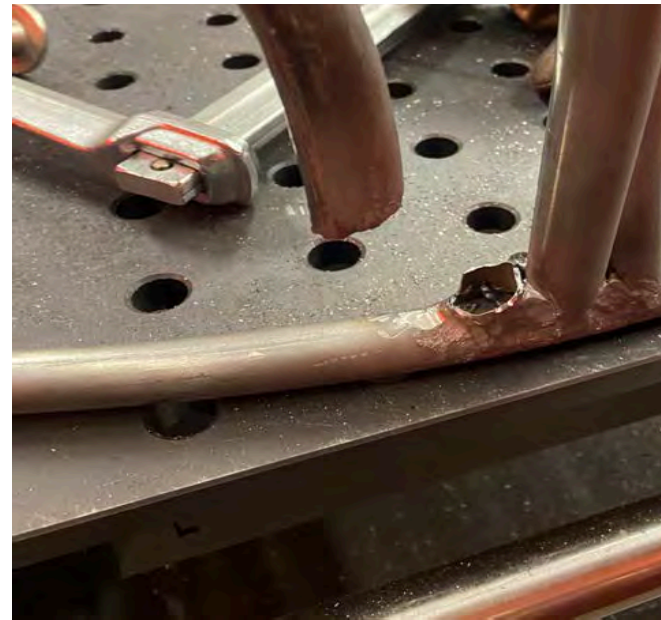
REVISIONS



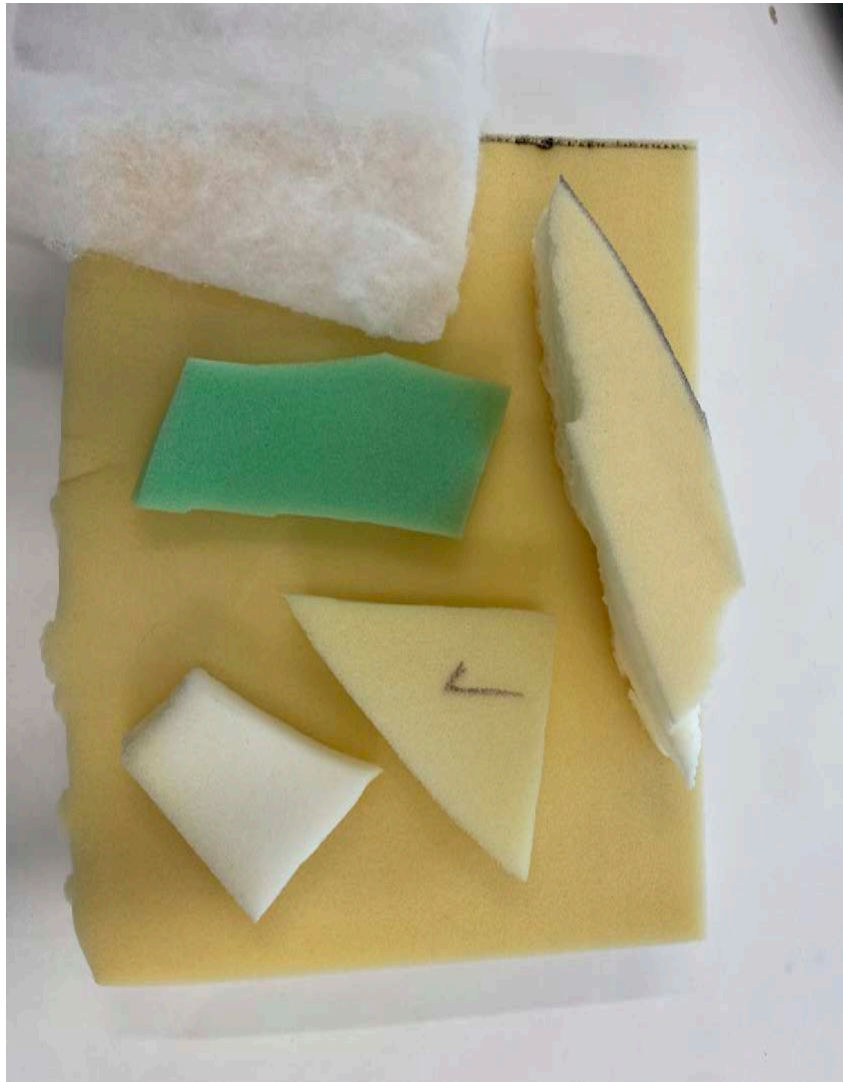
PLYWOOD & BENDING



WELDING



UPHOLSTERY



BONDO SANDING



COMFORT TESTING



FINAL TOUCHES

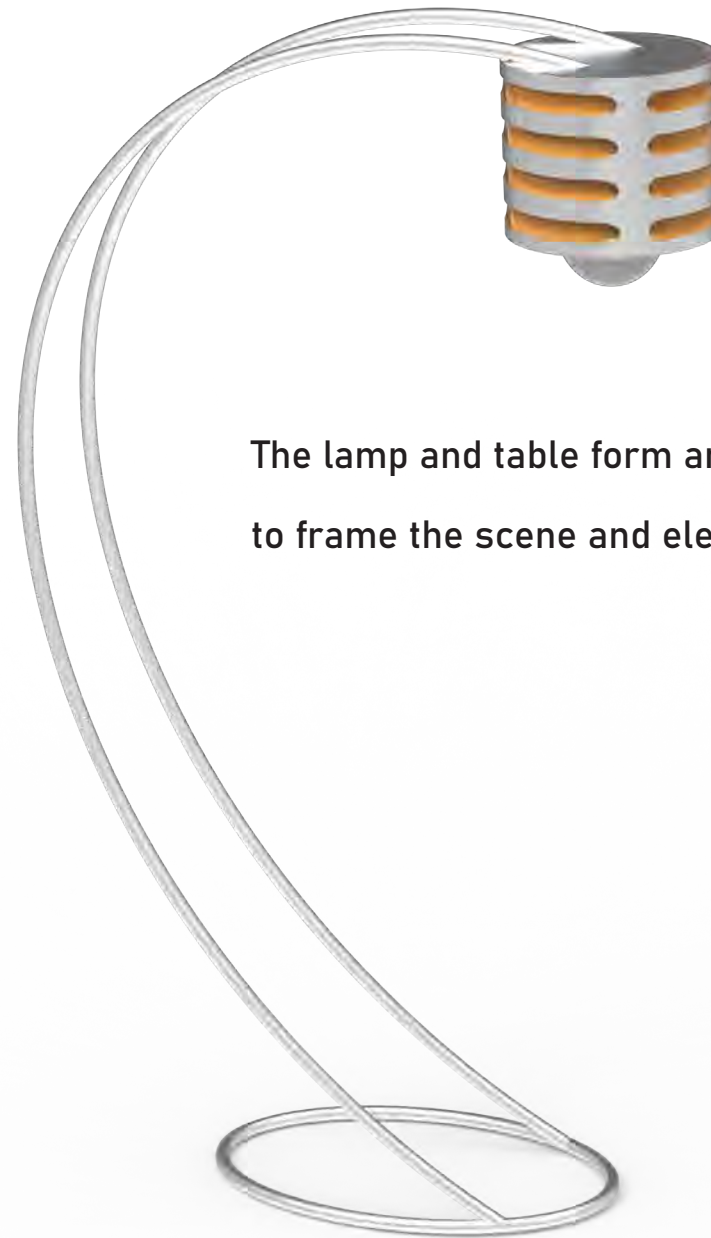
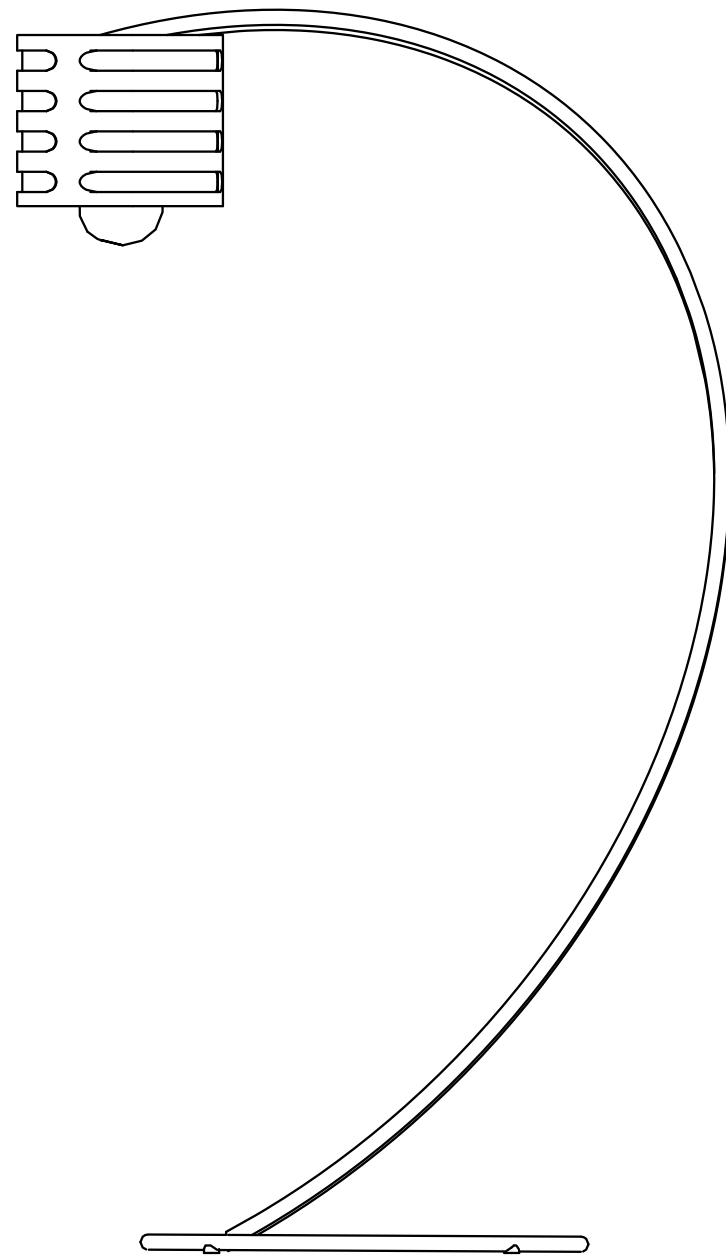


FINAL CHAIR



The chair was designed to be simple and comfortable. The body only touches fabric. The chair can be used to lounge with the ottoman or as a conversation chair.

FINAL TABLE & LAMP



The lamp and table form an orbital path around the chair to frame the scene and elevate the feeling of comfort.



USER INTERFACE



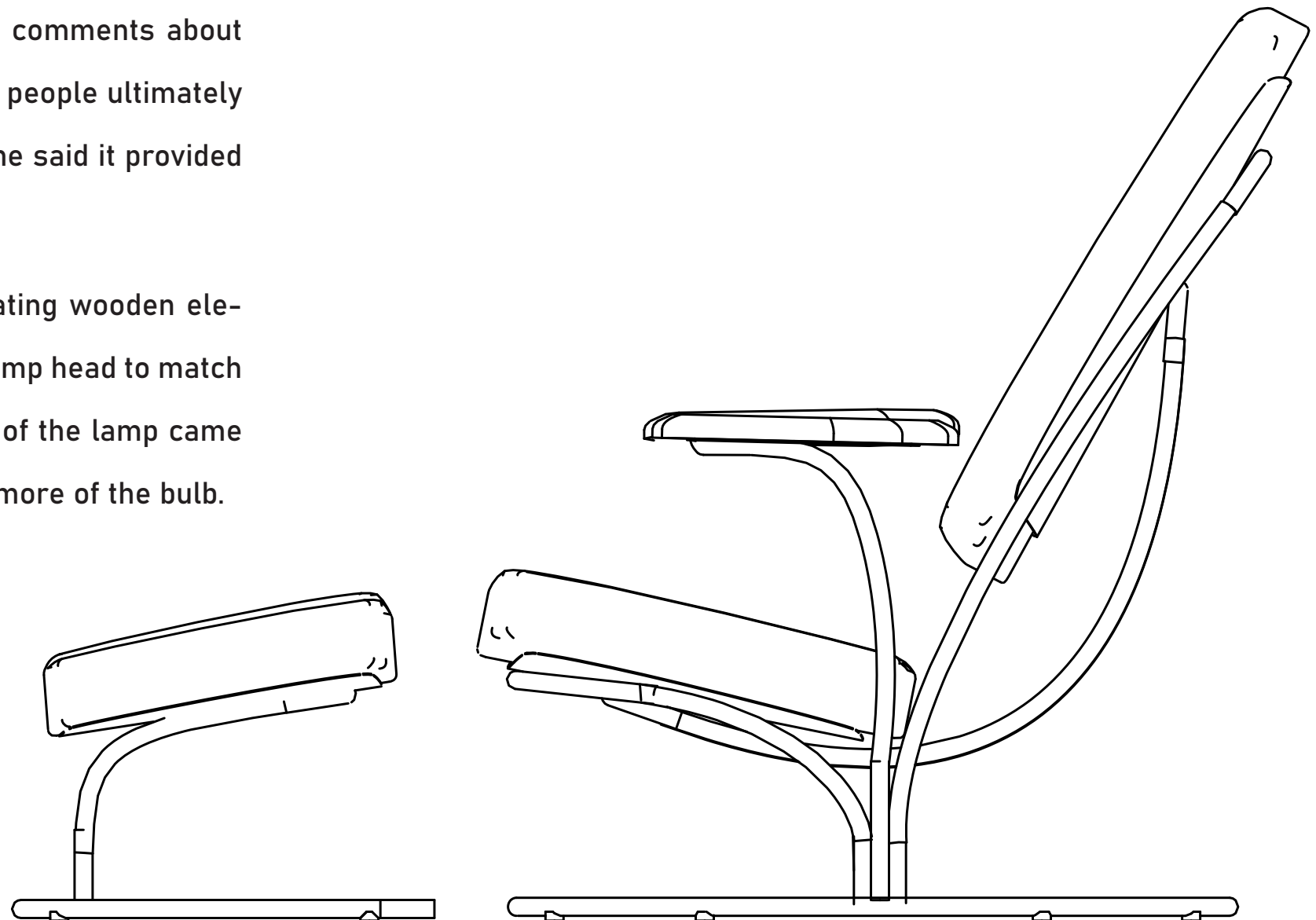
POST REVIEW FEEDBACK

Reviewers said the collection looked very cohesive, with each piece being successful as stand-alone pieces. This was a big improvement from what they told us at mid-reviews, which was that each piece looked like it was designed by a different person.

The feedback on the comfortability of the chair was very positive, with only a few comments about wanting to lean back a little more. The slope of the ottoman got some questions but people ultimately liked it when they used it. The success of the orange cushion was about 50/50. Some said it provided lumbar support while others felt it pushed their body too far forward.

Other suggestions were made about utilizing meaningful stitch patterns, incorporating wooden elements in the chair, opening up the oval bases to match the ottoman, having an oval lamp head to match the orbit, and having a more visually stable lamp base. One reviewer said the bulb of the lamp came down too far out of the shade, while another reviewer said they wanted to see a lot more of the bulb.

If we were to make this collection again, the main thing we would do is take the time to add more meaningful details that relate back to our concept. Things like stitch patterns, cutout patterns in the lamp head, or how the bases of the pieces interact. These additional details might add more depth to the initial concept overall. We would also perfect the craft of smaller parts such as more accurate/consistent metal bends, tighter seams on the cushions, and cleaner bondo.



COST BREAKDOWN

Material	Cost
Plywood	\$122.56
Fabric	\$150
Metal	\$229.57
Paint	\$49
Plotting	\$35
Light Parts	\$28

Grand Total: \$614.13

FINAL PHOTOS



FINAL PHOTOS



ORBIT

