

# Rhodolite

Salt and Pepper Shakers

ID 1803 - Section 3



SOPHIE ROACH

# Project Objective

To design a cohesive pair of products inspired by a chosen art movement, translating its core principles into a functional form.



The background of the slide features a complex, abstract pattern of concentric circles in shades of grey and beige. The circles overlap and curve in various directions, creating a sense of depth and motion. The overall effect is reminiscent of Art Deco geometric designs.

# My Objective

To design a pair of salt and pepper shakers inspired by the Art Deco movement, adapting it's signature geometric designs and luxurious flare.

**Assignment:**

This project builds on the fundamentals of 3D understanding covered in Modules 1 & 2. Here you will find influence through the visual language of one of the major design movements in relation to a traditional product pair. You will identify the design language (color, material, finishing, texture, form) of your chosen design movement and work within a set of identified values (a few examples: aesthetic, functional, conceptual, mechanical, etc.) to explore your product pair. It is also important to consider its relationship to the user, how it fits and feels in the hand, and how the form suggests function.

\*This will not be a working prototype; it will be a urethane foam, appearance model. You must paint the model. The majority of the model must have a high-gloss finish. All finishes on the model shall be specified on your design language board.

\*All finished work is required to include a cork insert on the bottom surface. This will require you to detail the foot while considering its relationship to the ground and the relationship between the 2 materials. Cork is expected to be laser cut to size, and the urethane foam must be drilled and shaped to accommodate the cork. The thickness of the cork cannot be altered; however, you are permitted to add a pattern to its surface. You may stain the cork but painting it is prohibited.

The final form should require 4 views to be defined. Meaning this cannot be a cylinder.

**Pairs:** must represent containers

Salt & Pepper	Oil & Vinegar
Sugar & Milk	Soy Sauce & Hot Mustard
Hot Pepper Flakes & Parmesan Cheese	Detergent & Fabric Softener
Personal Care	Shampoo & Conditioner

**Scale:**

Height: no larger than 6" & no smaller than 3"      Width: no larger than 4" & no smaller than 1"

Neither the height nor width should be identical within your pair.

# Design Process

Research	1
Conceptualize	2
Revise	3
Model	4
Render	5
Looking to the Future	6

# Research

Research investigating chosen art movement- how it emerged, key visual principles, popular materials and finishes, as well as esteemed designers of the era

## So that

Each element can be thoughtfully communicated in a modern adaptation

Group Research Poster



# CMF + T



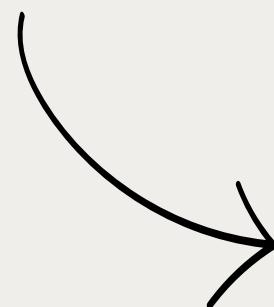
# Form



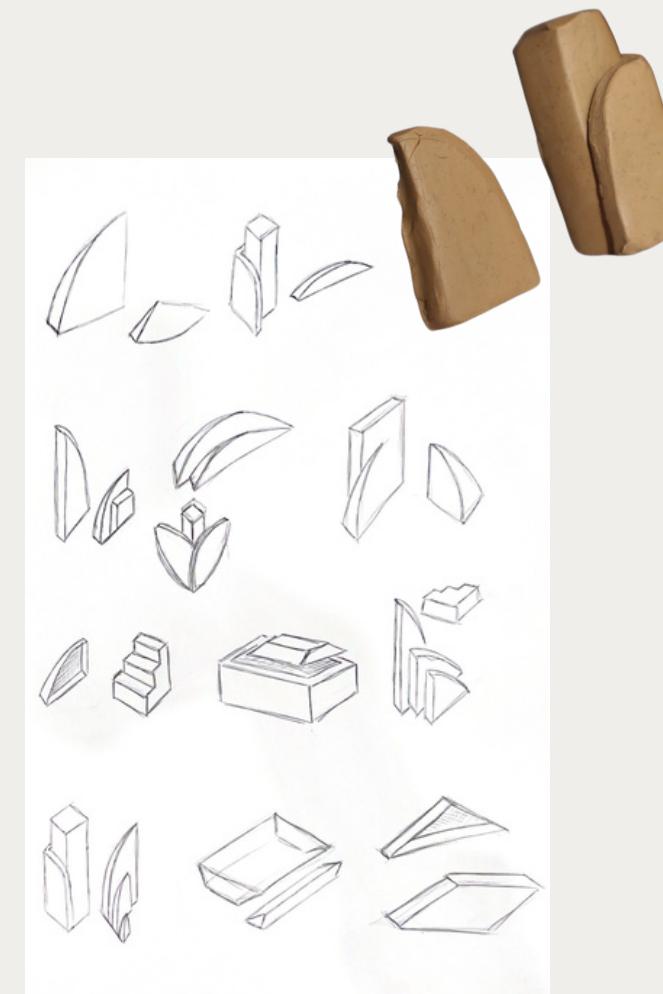
# Conceptualize & Ideate

Transform aesthetics and characteristics into representative forms of various concepts, exploring many different directions

Initial Mood Sketches



Sophie Roach

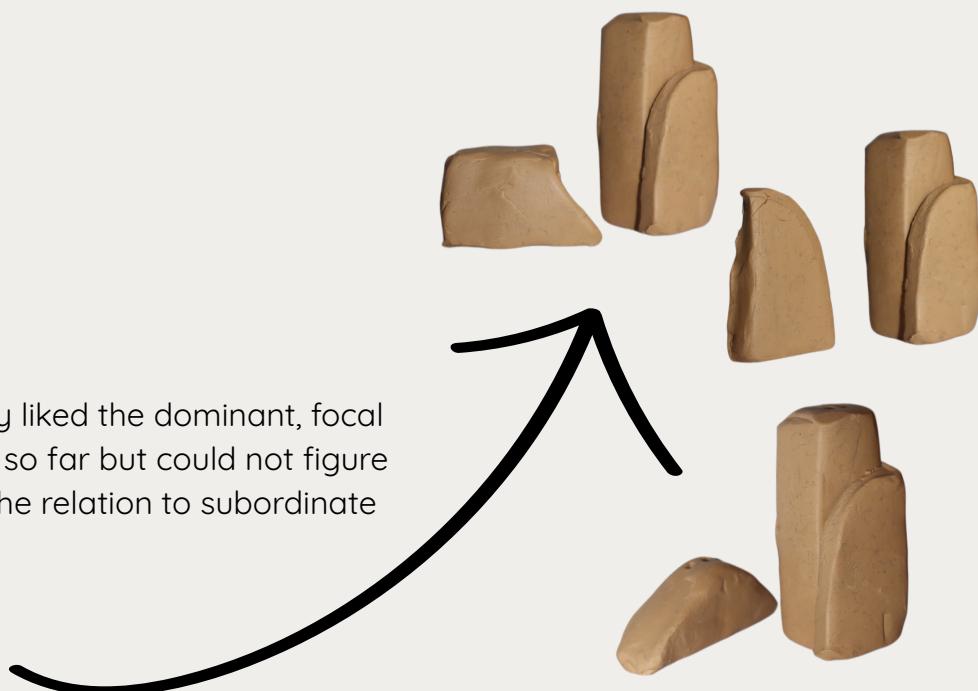


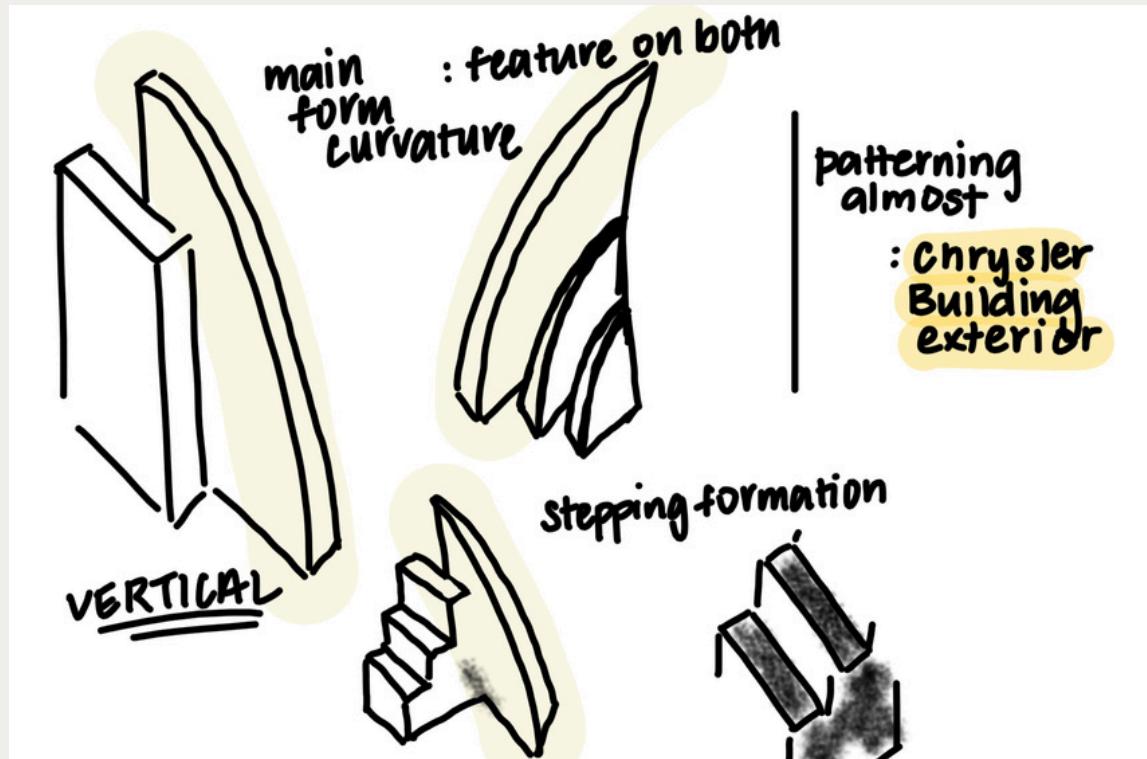
# Evolving Ideas

# Revise & Refine



Really liked the dominant, focal piece so far but could not figure out the relation to subordinate

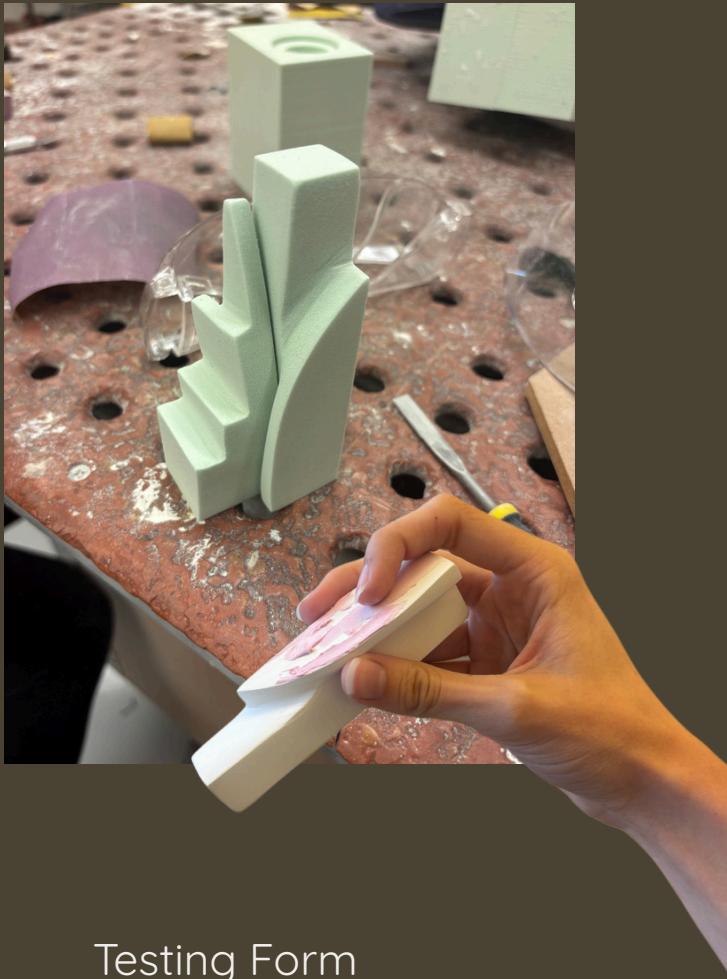




# Reiterating the Subdominant

Felt the subdominant was lacking dimension, so I attempted to combine two prominent features of Art Deco design- curves (formed from quadrants) and stepped layers

# Modeling Process



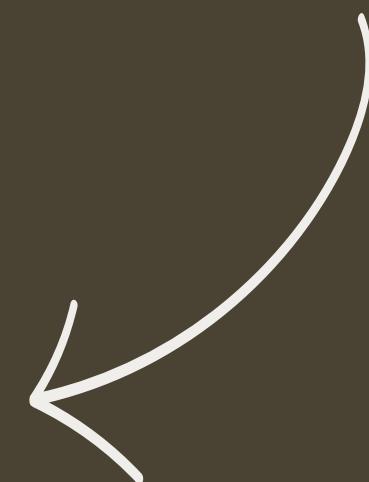
Testing Form



Sanded & Primed



First Round of  
Plaster





# Rendering & Finalization

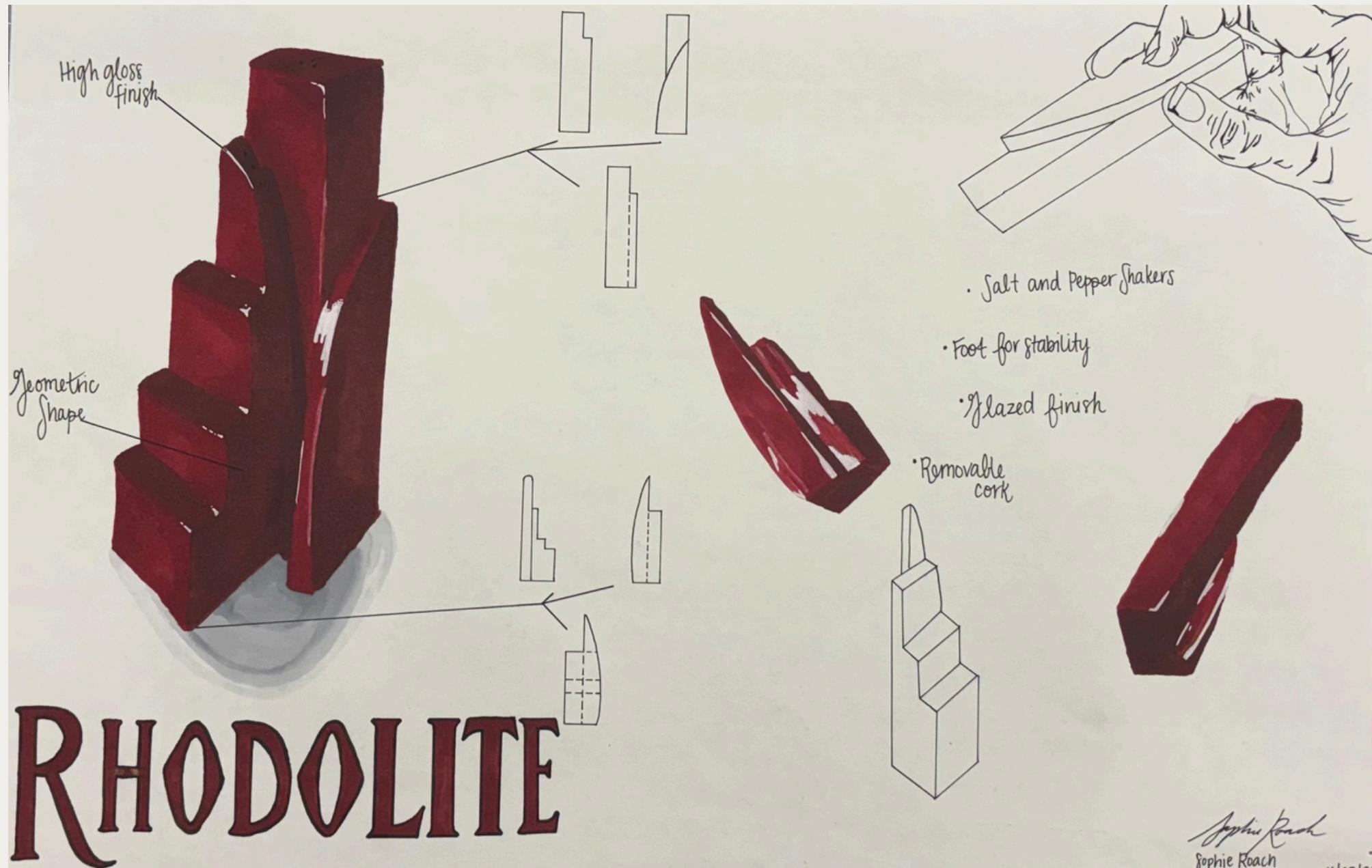
# Dominant Pepper Shaker



# Subdominant

## Salt Shaker





Final Rendering

# Rhodolite

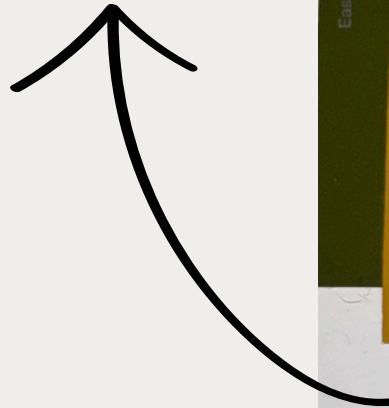
This pair of salt and pepper shakers reinterprets the bold geometry of the Art Deco movement creating stark contrasts between smooth curves and sharp angles. Designed to be a cohesive set, the two pieces compliment each other with their mirrored curvature and similar form. While designed to be distinguishable, the pieces come together to represent almost an architectural form reminiscent of the Chrysler Building, a statement work of the Art Deco era. The final design uses stepped profiles, balanced proportions, and a gloss finish to reinforce the architectural reference, while optimizing the product in terms of stability, usability, and ergonomic efficiency.



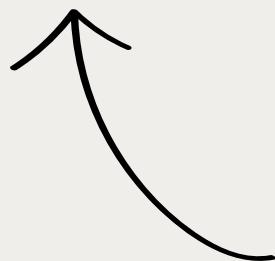


Final Presentation

PANTONE COLORS



CERAMIC, GLOSSY FINISH



GOLD AND BRONZE ACCENTS/ DETAILING



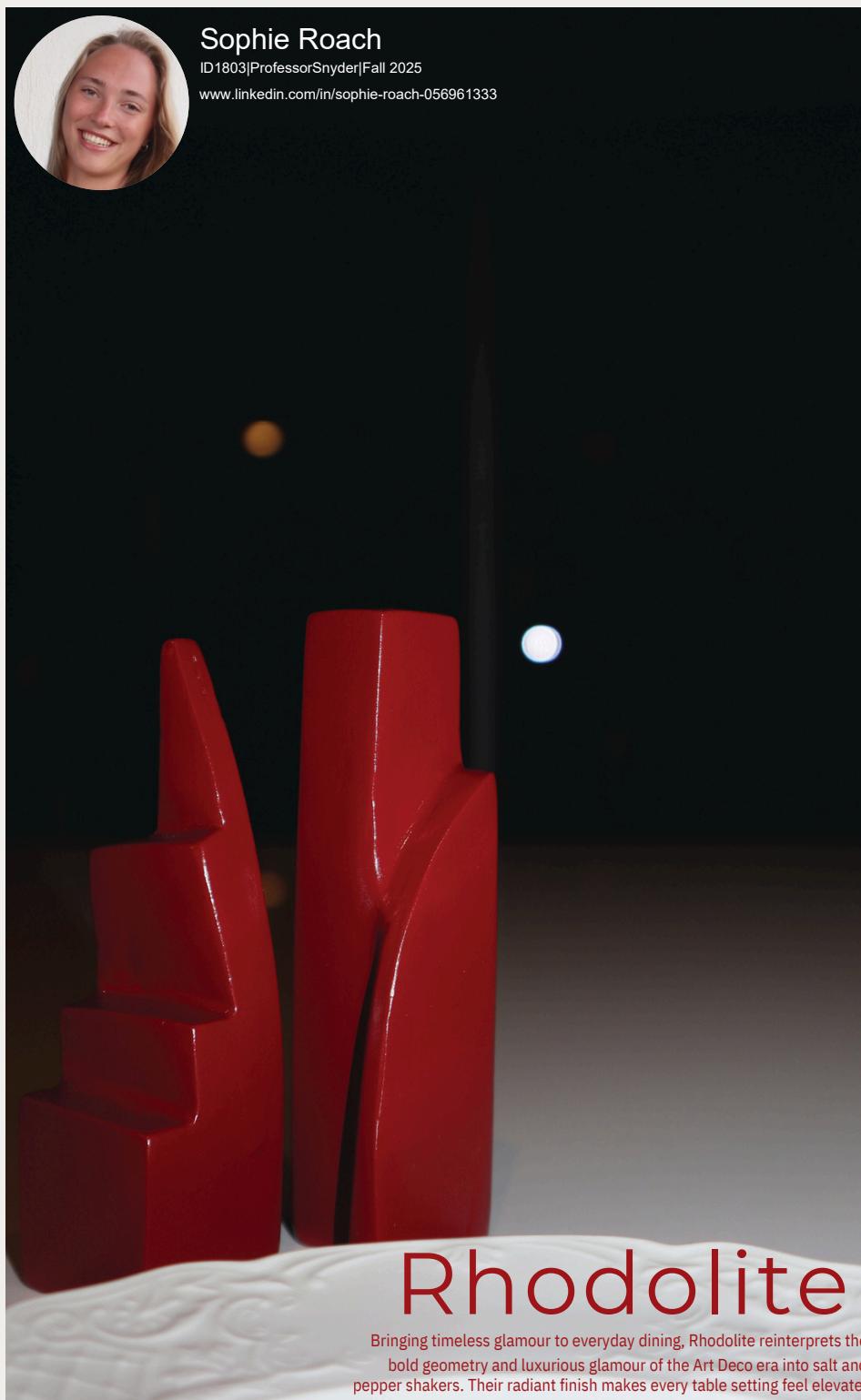
CMF + T Final Board



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# Rhodolite

Bringing timeless glamour to everyday dining, Rhodolite reinterprets the bold geometry and luxurious glamour of the Art Deco era into salt and pepper shakers. Their radiant finish makes every table setting feel elevated.

# Future Revisions

Reflecting on this project makes me very proud of my growth, specifically honing in on my modeling and sanding skills, but also has given me space to admit my struggles and find areas in which I need to improve. For starters, I definitely struggled the most with spray painting. Having never used the medium before, there was, of course, an immense learning curve that I was truly underprepared for, I think because spray painting seems so simple. That took away from my final model both in terms of outward appearance, but also in the sense that I could not spend as much time focusing on other aspects of the project- i.e. this process book, various drawings, and revisions that should have been made. In hindsight, I think this problem could be solved in two different ways for me: first, I could have procrastinated less and utilized time management skills. Secondly, I believe that if I were truly making this a functional model, I would use a different material that would be easier to manage, such as clay, coated with ceramic glaze, like a pottery piece. Having used this medium before I think it would work to my favor in terms of familiarity, but would also work well with the outright function of the piece, as well as relating the piece to the art movement more clearly. Overall though, I think I was successful in my final execution of this project, and I believe it sets me up well for future endeavors.