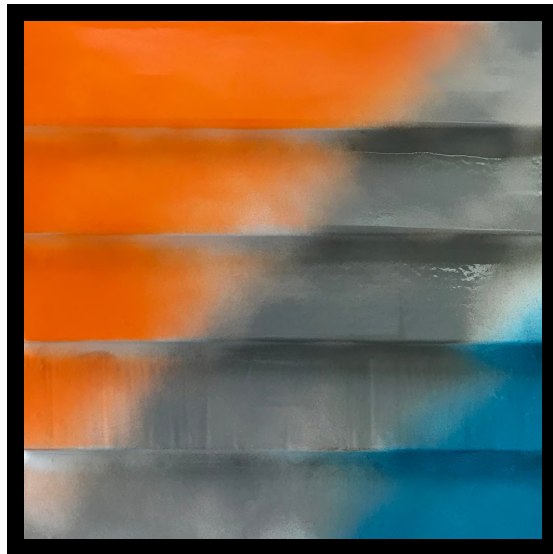


UNOMA

Design · Space · Comfort

Designed by
Chenbeibei Su & Sorai Gibson
Des 301 Project 1 Report



Design by Chenbeibei Su and Sorai Gibson

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Concept



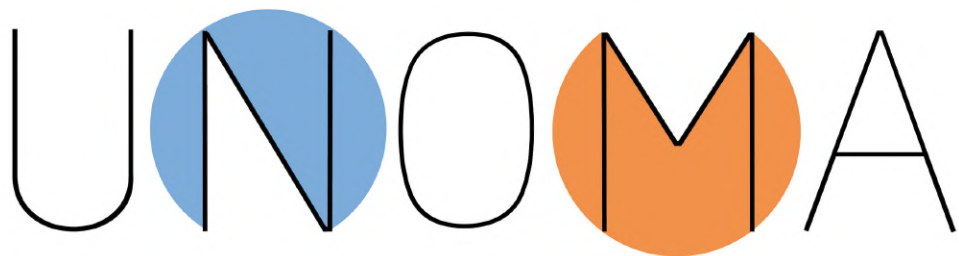
UNOMA

The name UNOMA comes from space in a traditional Japanese style interior design, in which items for artistic appreciation are displayed called Tokonoma. As an interior design company, we wanted our customer to appreciate and take comfort in the space that we create. Utilizing Tokonoma as your space making it "U (you) NOMA", meaning "Your Space" in mix of English and Japanese.

Problem Statement

We are an Interior design company that is dedicated to provide our customer the space of comfort and unique simplicity. Our main goal is to design a space for comfort which is our sub heading in the logo. Creating not only a place for our customers to live but to enjoy being as one with the space. We use variety of colors that works for their environment to bring liveliness and playfulness. Our logo is a good example of those aspects that we aim towards.

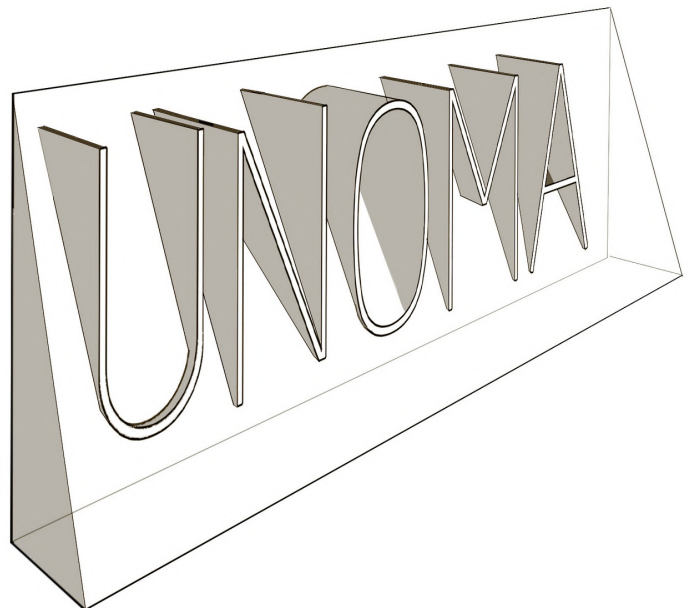
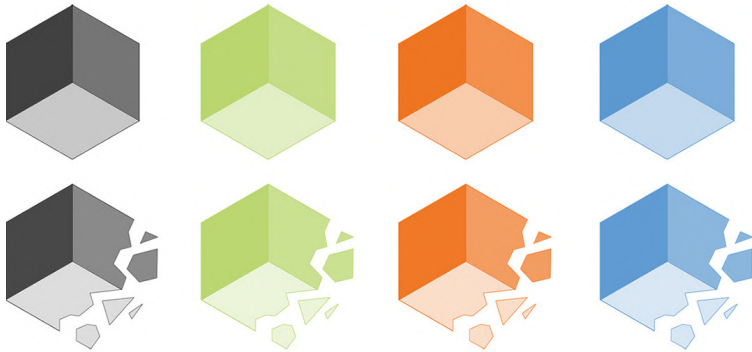
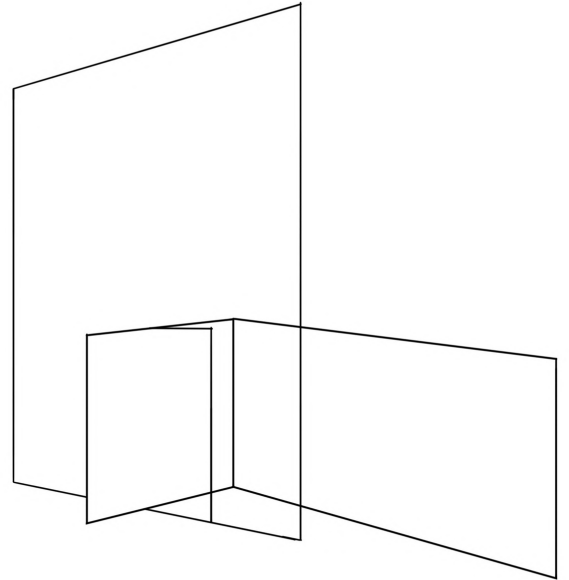
In this project we wanted to use the flexibility of styrene to create space in unique shape and form. With additional aim for our plaque to be noticeable from any angle and distance to recognize our office.

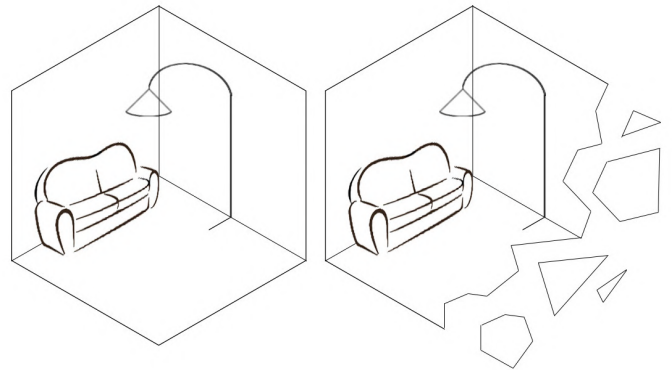
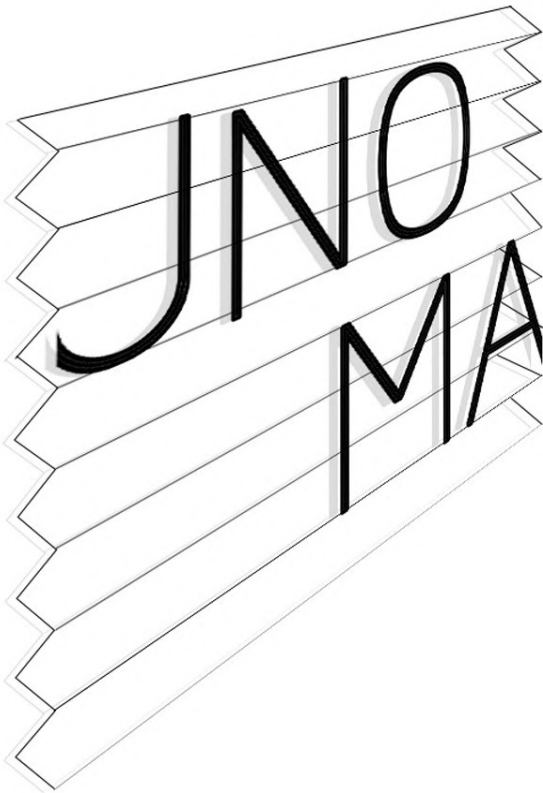


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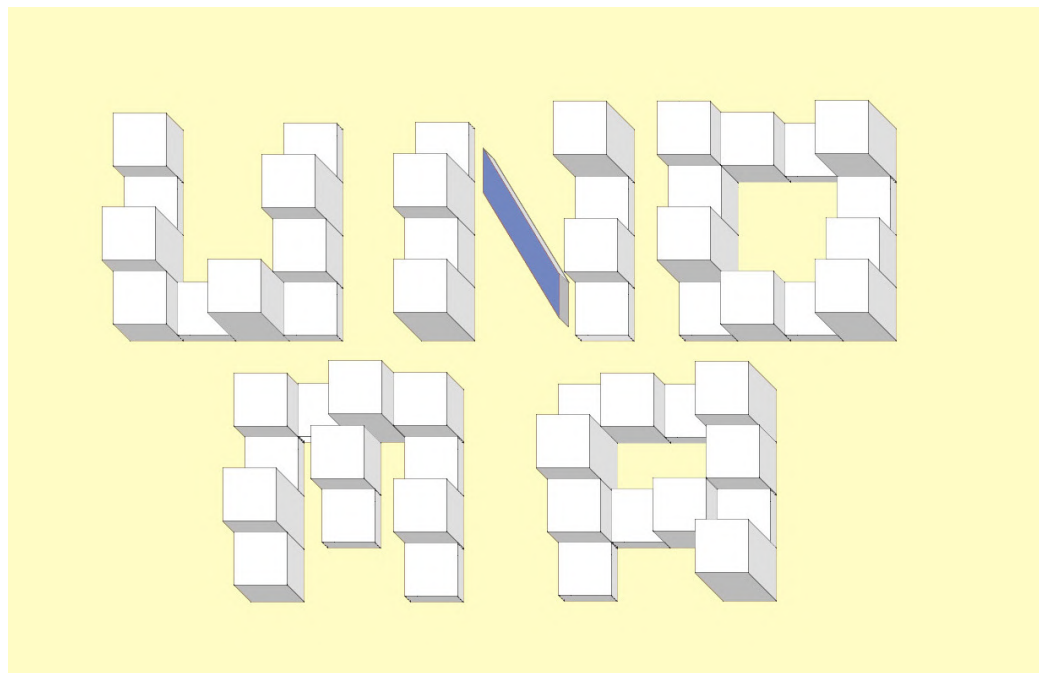
Ideation Sketches

Playing with geometry and proportions to create space that works while thinking about the Letter

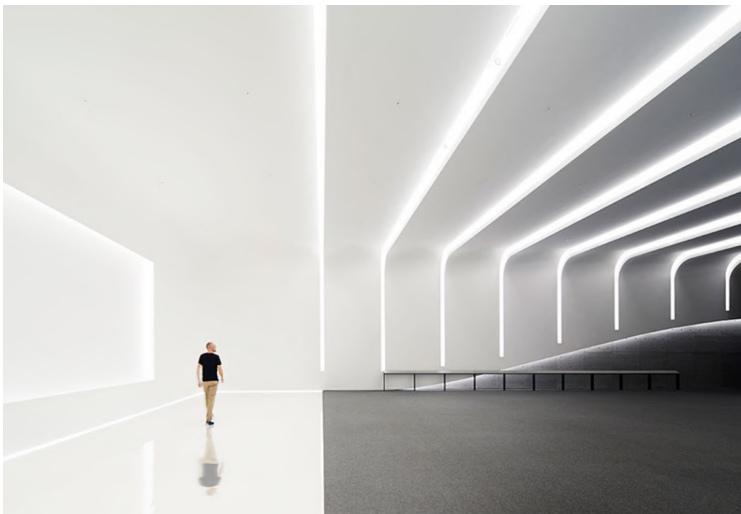




Inspired by the Hyundai Capital Convention Hall

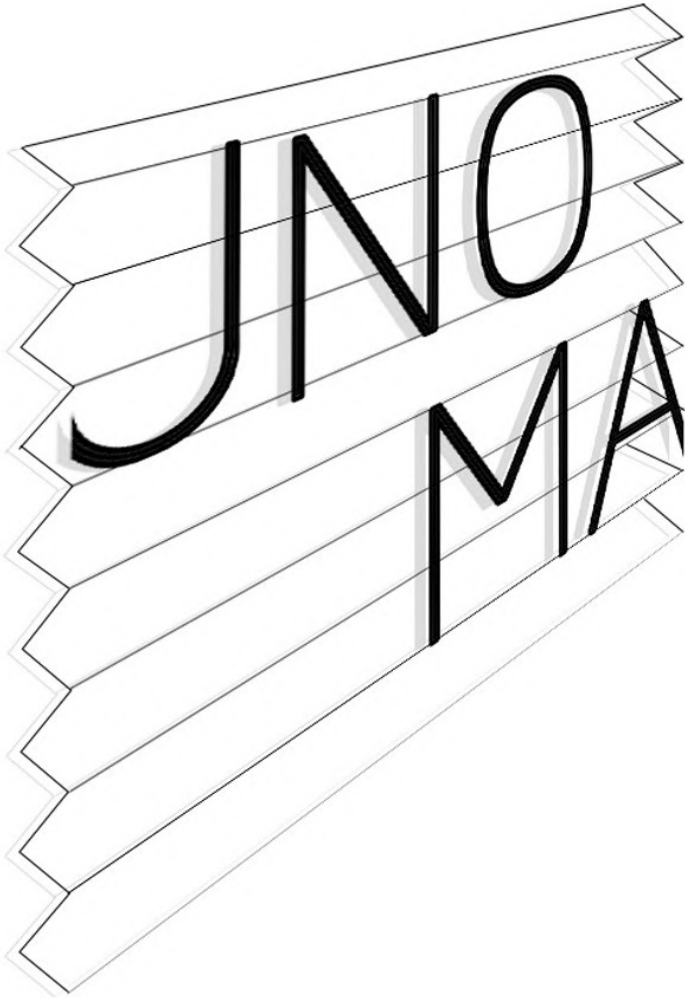


Inspiration

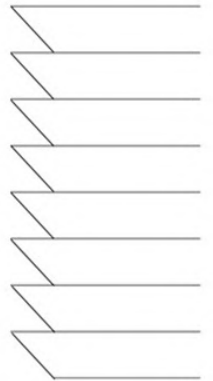
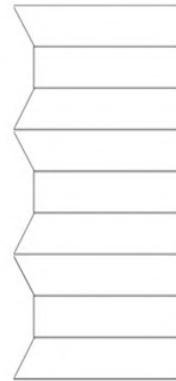
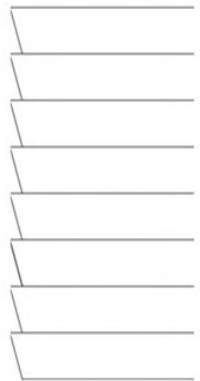
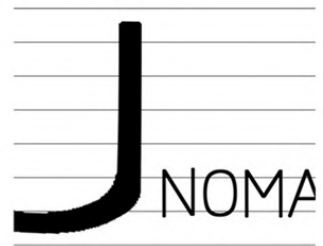


Hyundai Capital Convention Hall
Seoul, South Korea
Designed by Gensler

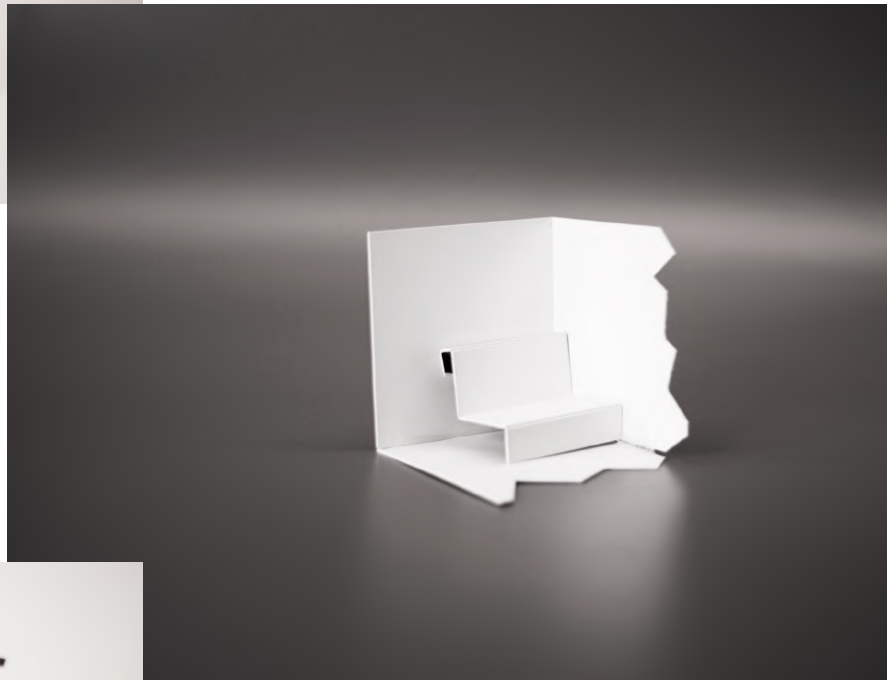
Possible Solution

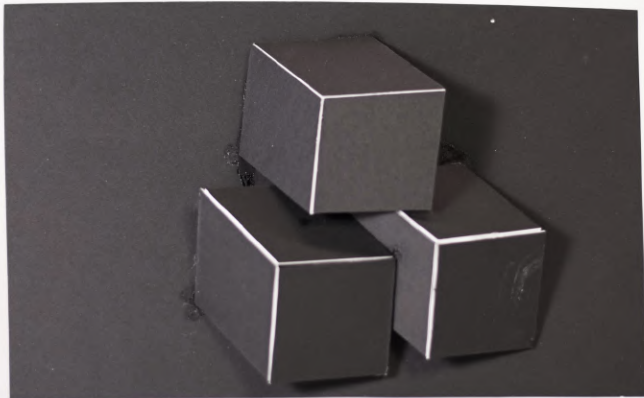


Imitating window blinds with letter forming on top

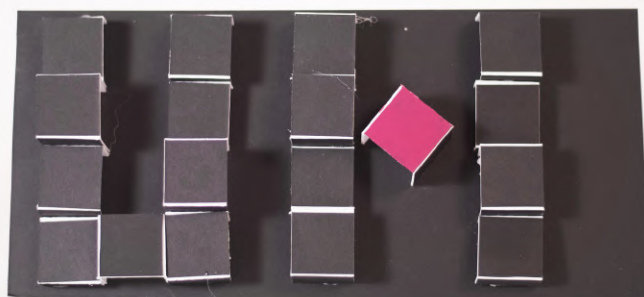


Sketch Models

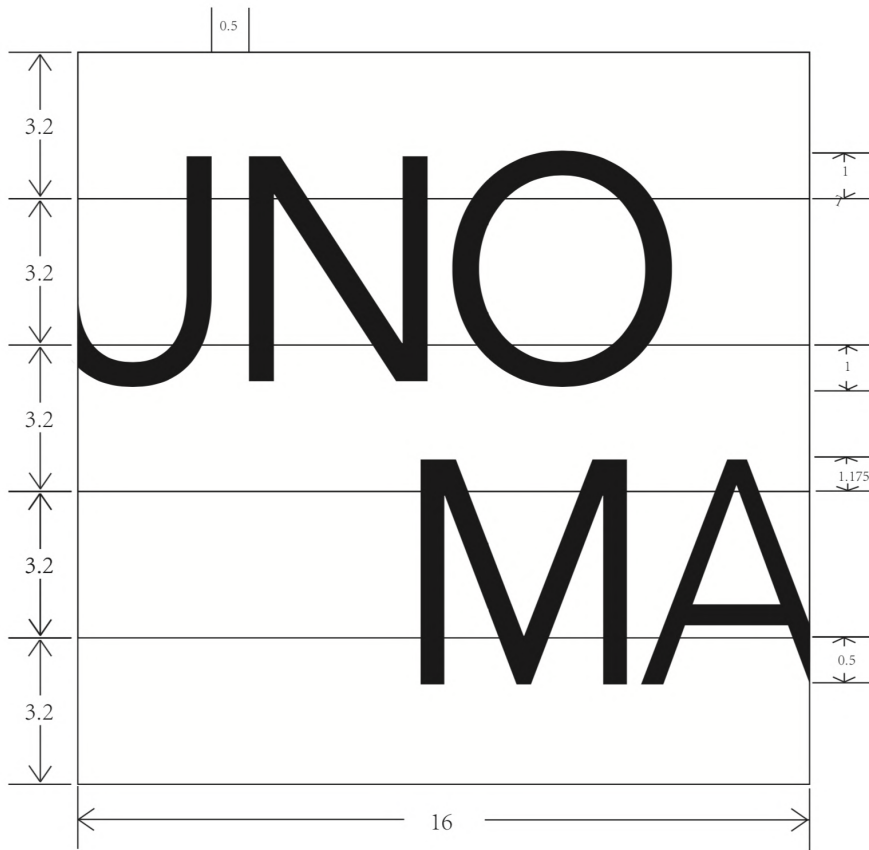




Our final decision was to go with the blinds. It had all the aspects that we wanted in our design.



Orthographics



Front view

NOTE:

1. All the edges are rounded into 2mm.
2. The font of the letters are "Avenir Next" with size 250.
3. the right edge of letter "N" and the left edge of "M" are on the same vertical line.

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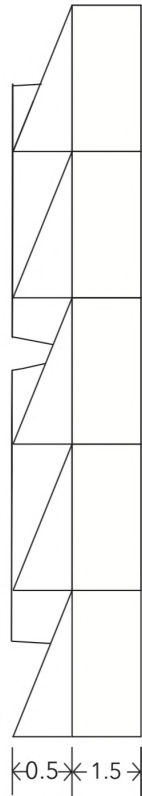
DES 301 #1 PLAQUE

UNIT INCH

SCALE 1:2

PAGE: 1/2

DATE:2018.02.05



Side view

NOTE:

1. All the edges are rounded into 2mm.
2. The font of the letters are "Avenir Next" with size 250.
3. the right edge of letter "N" and the left edge of "M" are on the same vertical line.
4. All sides has a drafted 5 degree.

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DES 301 #1 PLAQUE

UNIT INCH

SCALE 1:2

PAGE: 2/2

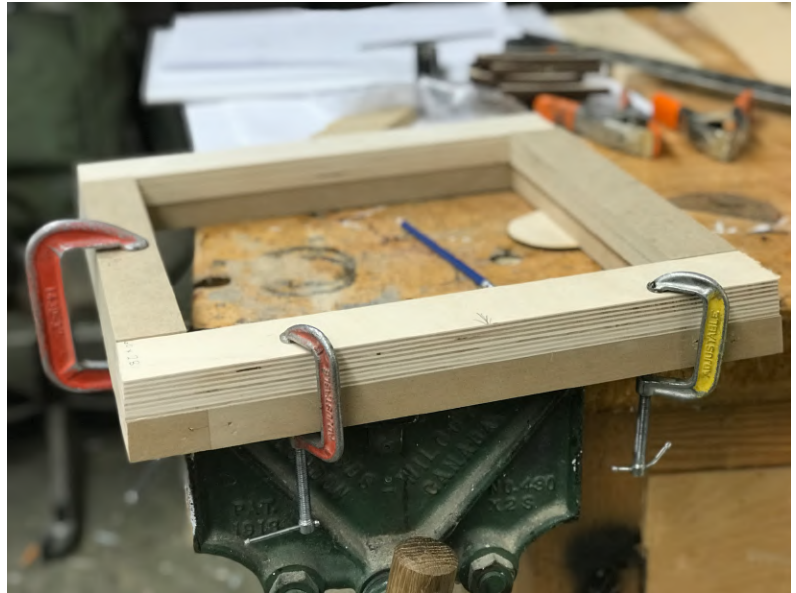
DATE:2018.02.05

Process / Material

Material : MDF, LDF, Wood Glue, Wood Filler, Laser cut baltic birch plywood.

Another goal to make was to give our plaque a volume. But in a way to not interfere with the vacuum passage to pull the styrene.

As we further pursued our goal and getting closer to our solution, we had minor change on number of blinds and angle that we were going to use. blinds reduced to five and the angle is more shallow.





By reducing the angle and the number of blinds we were able to put on the letters much easily.



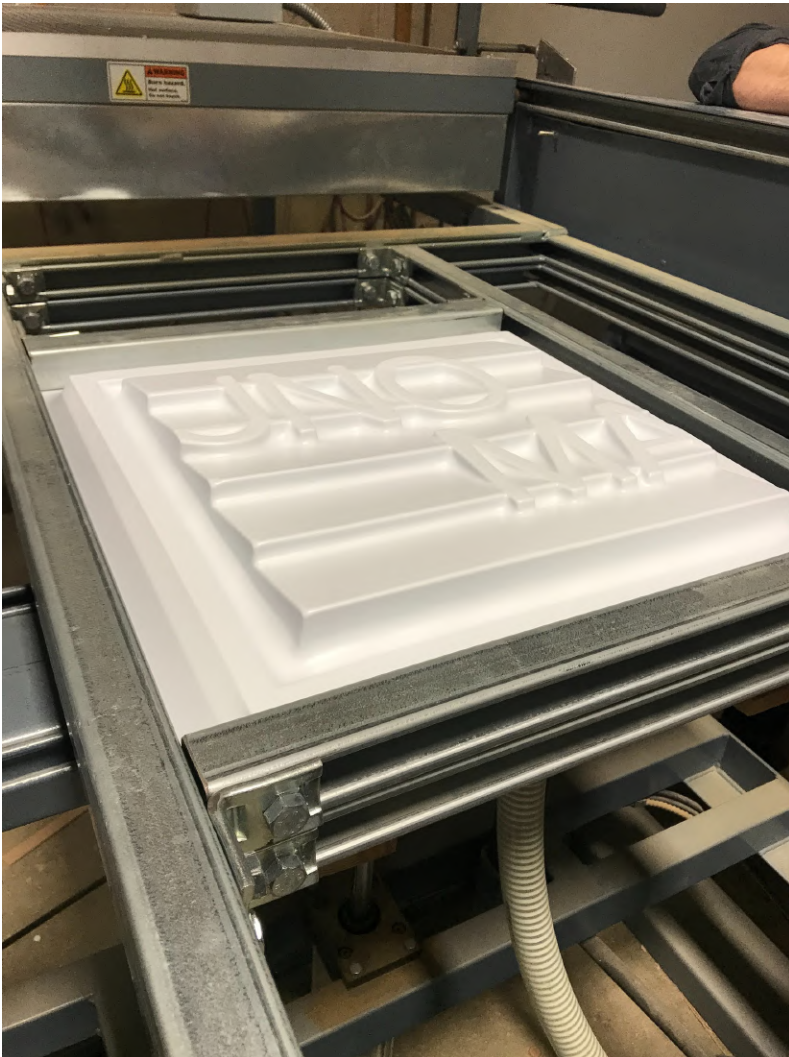
Final Mold





We learned that LDF works for limited number of pulls. Heat and pulling made our mold weaker on each pull.





Since we were testing the limit with the size and the height, we had trouble with the outer edge not being able to pull in tightly.

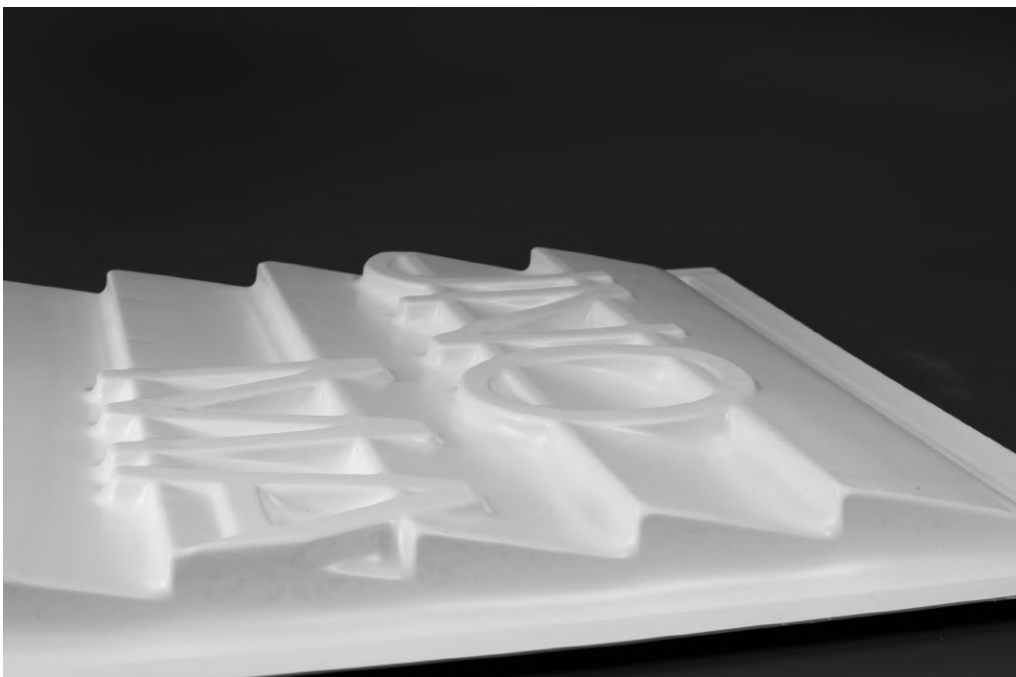




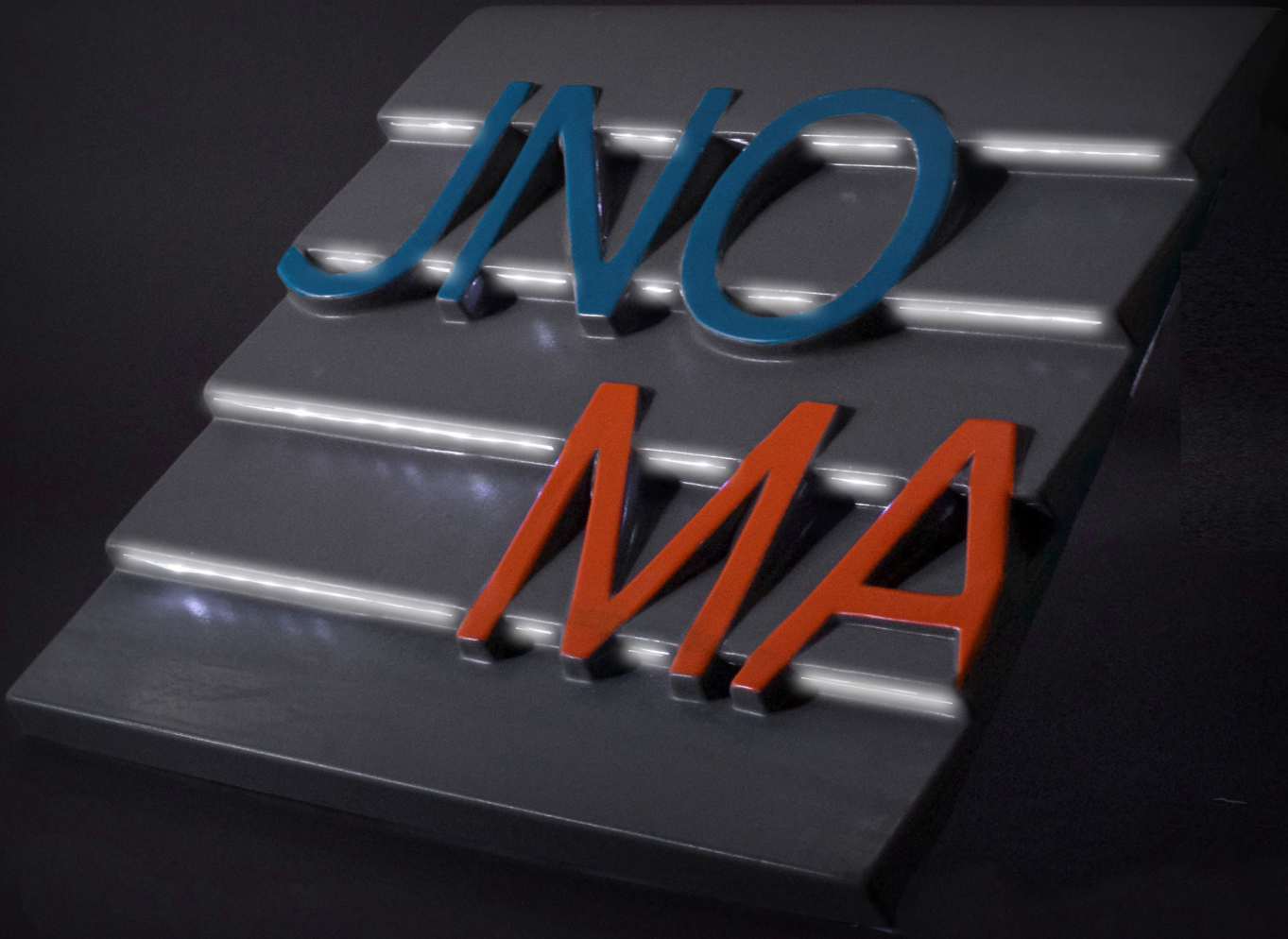
Solution was to reduce the height of the mold so that the styrene had less surface to cover the entire area.



Final Prototype





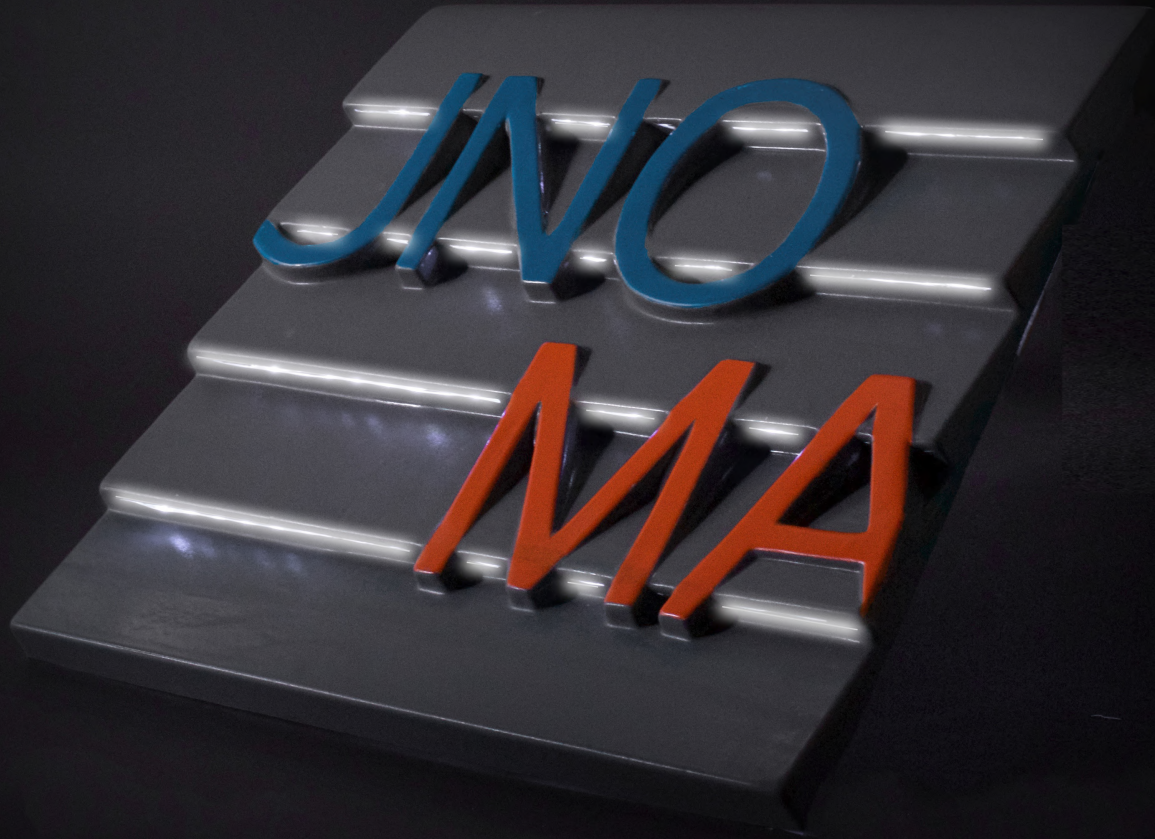




Unoma office visuals



Future Unoma Firm



U N O M A

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Reference

DES 301

Instructor : Jeff Johnston

Shop Tech : Ray Mcadam

Tokonoma Image : Image <https://www.pinterest.ca/pin/436427020129477459/>

Top 100 Giants Research - <http://www.interiordesign.net/giants/>

2016 Top 100 Giants Research: Ranking :

<http://www.interiordesign.net/articles/11450-2016-top-100-giants-research-ranking/>

The ideal of the three cubes :

<https://www.keitelmangallery.com/keitelmangallery/worksRonGilad-HouseSweetHouse.html>

Hyundai Capital Convention Hall:

<https://www.gensler.com/projects/hyundai-capital-convention-hall?l=featured>

Office Building :

<https://i.pinimg.com/736x/0c/16/28/0c16282b2430cf8ea4efb8bed42648ad--brick-architecture-contemporary-brick-and-wood-architecture.jpg>

Office Building Screen Shot :

http://www.iqiyi.com/v_19rrnx1lgs.html?

[vfm=2008_aldbd#curid=340355200_6fd4fb5f91e56a20b127a969f2974b17](http://www.iqiyi.com/v_19rrnx1lgs.html?vfm=2008_aldbd#curid=340355200_6fd4fb5f91e56a20b127a969f2974b17)