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Union Square Intervention:

Lantern-inspired Pedestrian Bridge
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My thesis.

Shades for Chess + View Platform + Hanging
Garden + Possible Public Space + InstaSpot

= Pedestrian Bridge.



Seminar Topic: Machine Learning



Data broker collect data from social media. All your activities online are being collected and sold to companies.



This bridge have a unique outlook, which can be a new InstaSpot. The photos uploads to social media will be collected and studied.

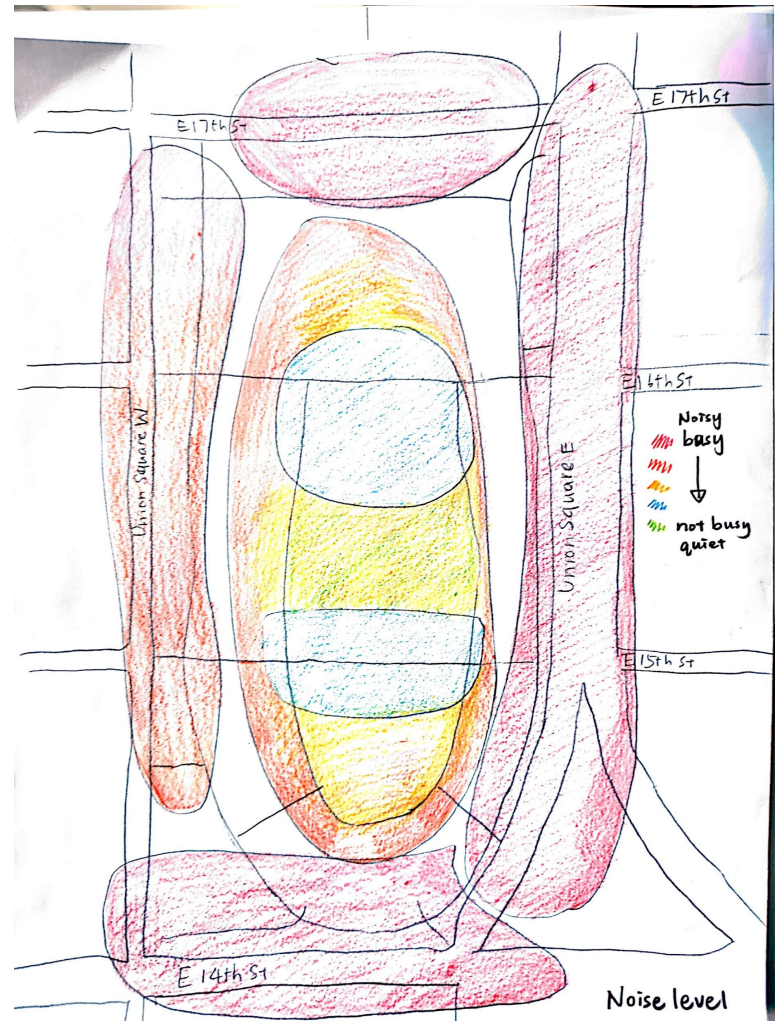
Site Analysis

Green



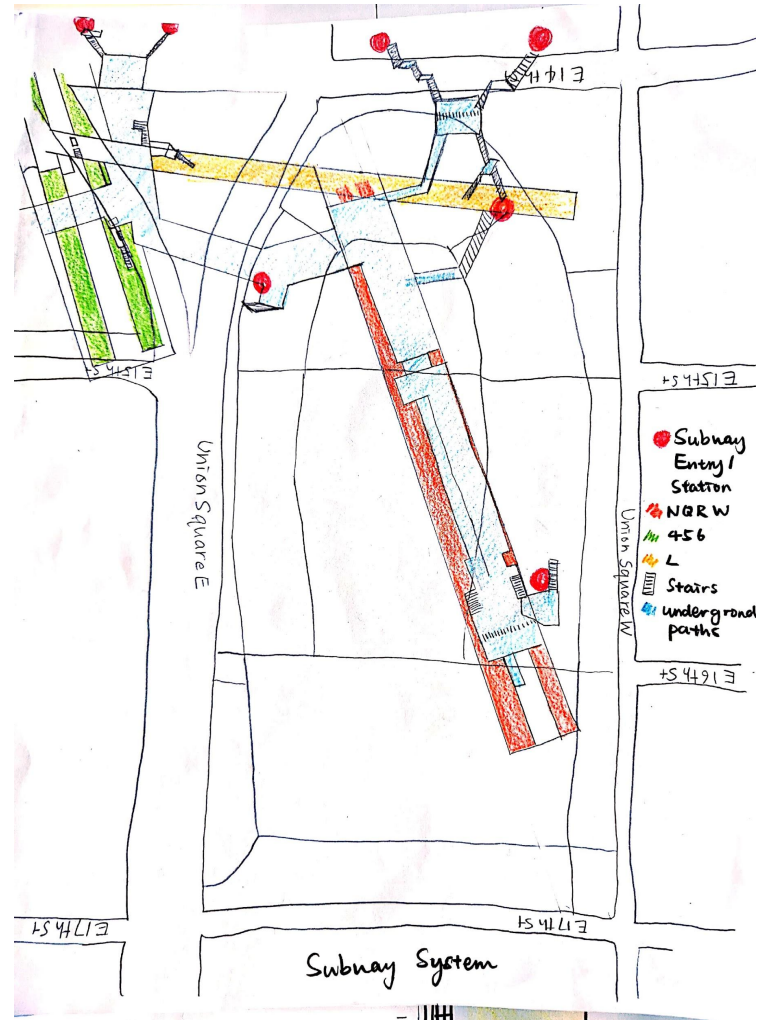
Site Analysis

Noise level



Site Analysis

Subway System



Union Square Sketch up.

Things that could be improved (I think)

- More greens (in an organized way)
- The paths should be more easy to follow (symmetrical) Could be color coded
- Use trees to block noise, but not elevated area.
- steps are extra, making large event hard.
- More sitting area.
- These stone around Union Square are very extra & not pleasing

• Separate function area

Extra things

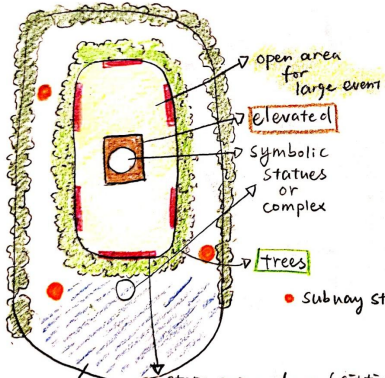
• Fountain

• Lawn

• Designed Lights

• include Store inside of Union Square

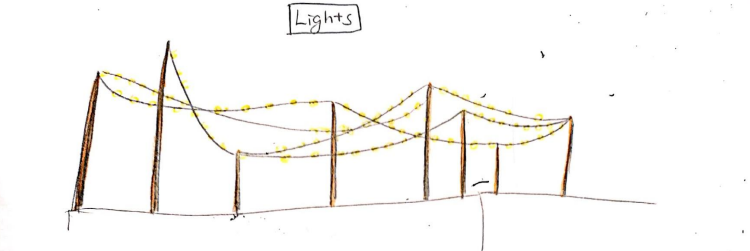
• Swings



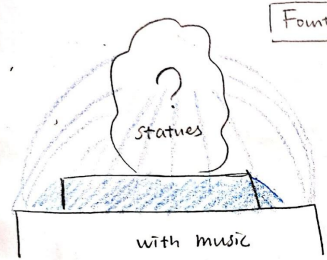
steps going down (sitting area)
(can be audience seats)
remain open for protest
political purposes

other complex =

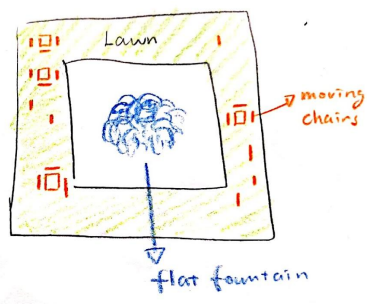
use flower pot / trees / sitting tables
to block cars.



Lights

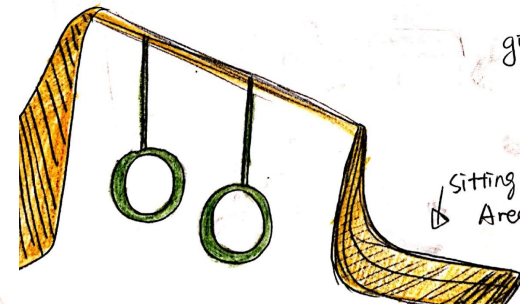


Fountains



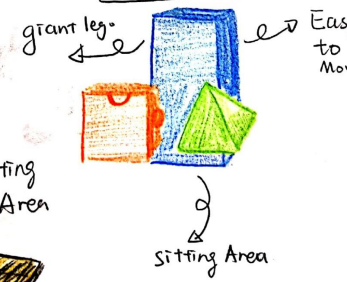
Entertainment/child Area

Swings + Moving sitting chairs/tables



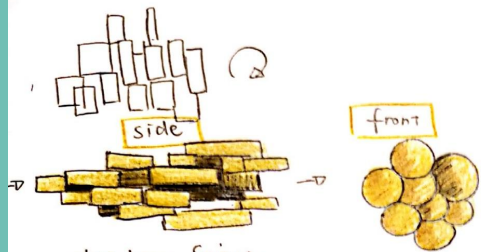
Sitting Area

Big lego Area



Intervention ?

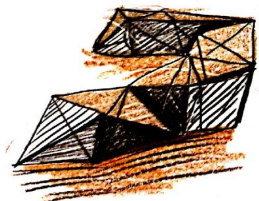
Entertainment



- children space
- tunnels
- sitting area
- artistic installation

Sitting

movable/ reshapable



fountains + installation



- Summer = can be a small water park
- Winter = can be a Immersive Installation / sitting area / climbing area

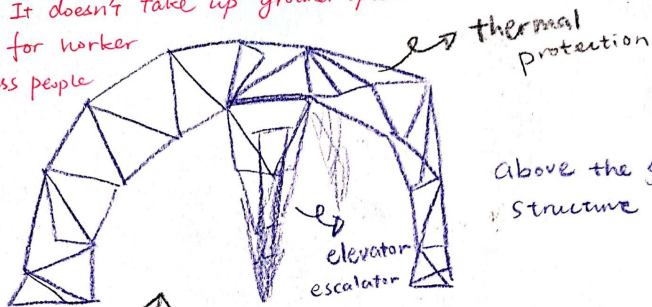
shade area



or

(2)

- * fast, safe and adaptive to weather condition
- * It doesn't take up ground space
- * for worker
- * chess people

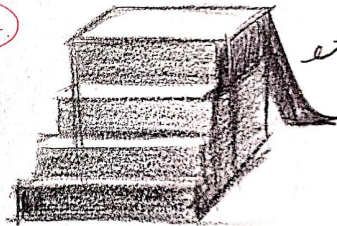
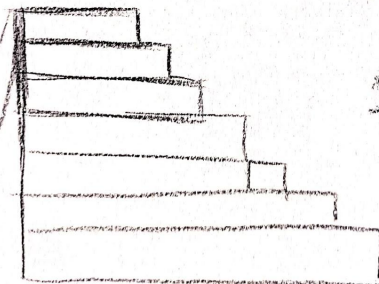


Above the ground structure

triangle structure

Location: facing E 14th St.

(3)



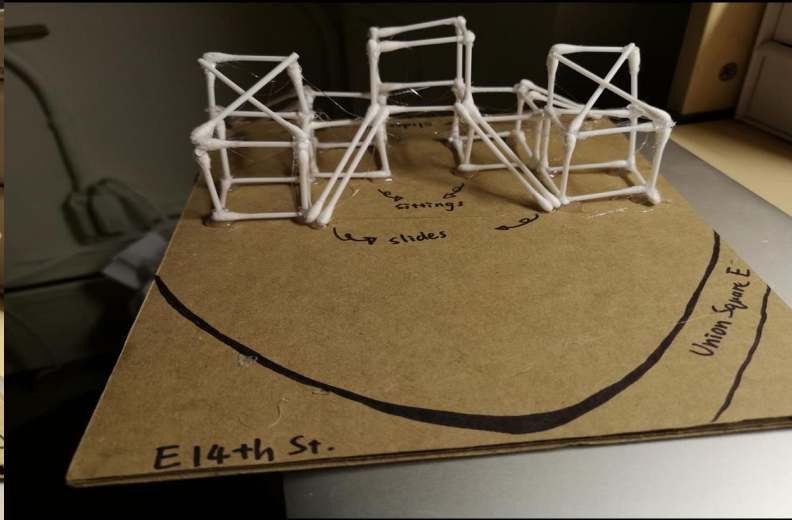
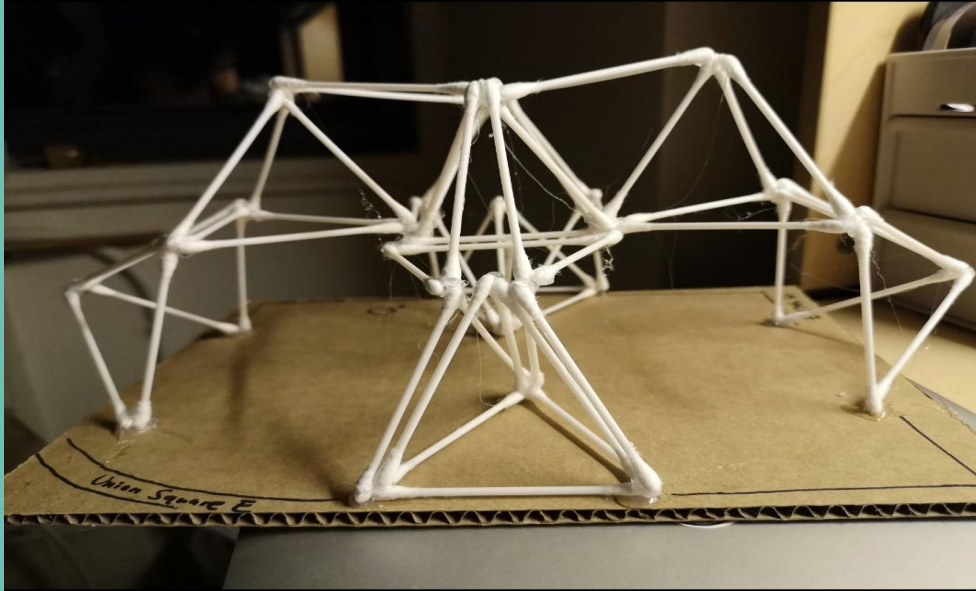
- Stadium Cubes + Stiles
- * children / adults can both use the space
- * political & entertainment
- * more sitting area

protests & speeches

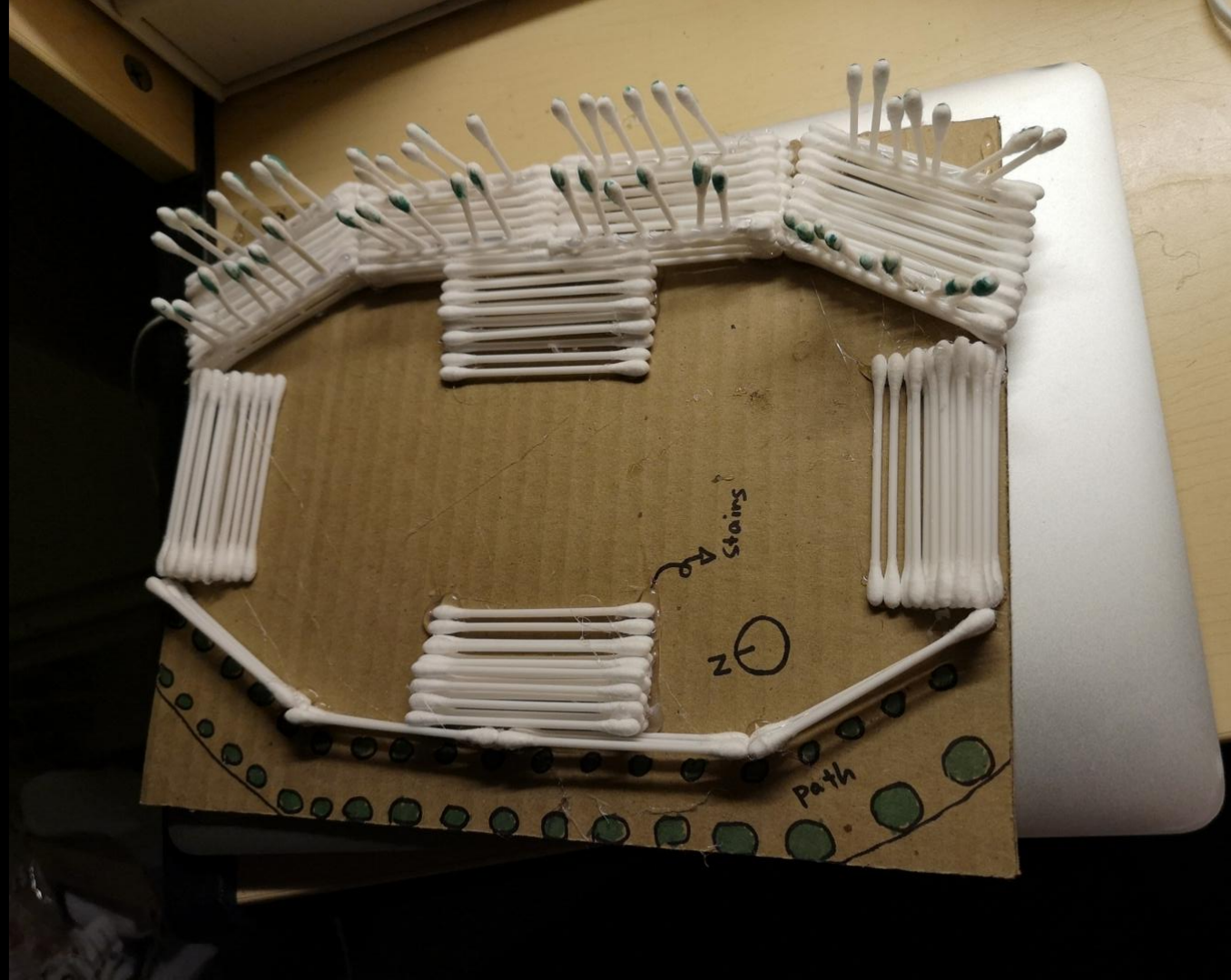
Union Square

Interventions

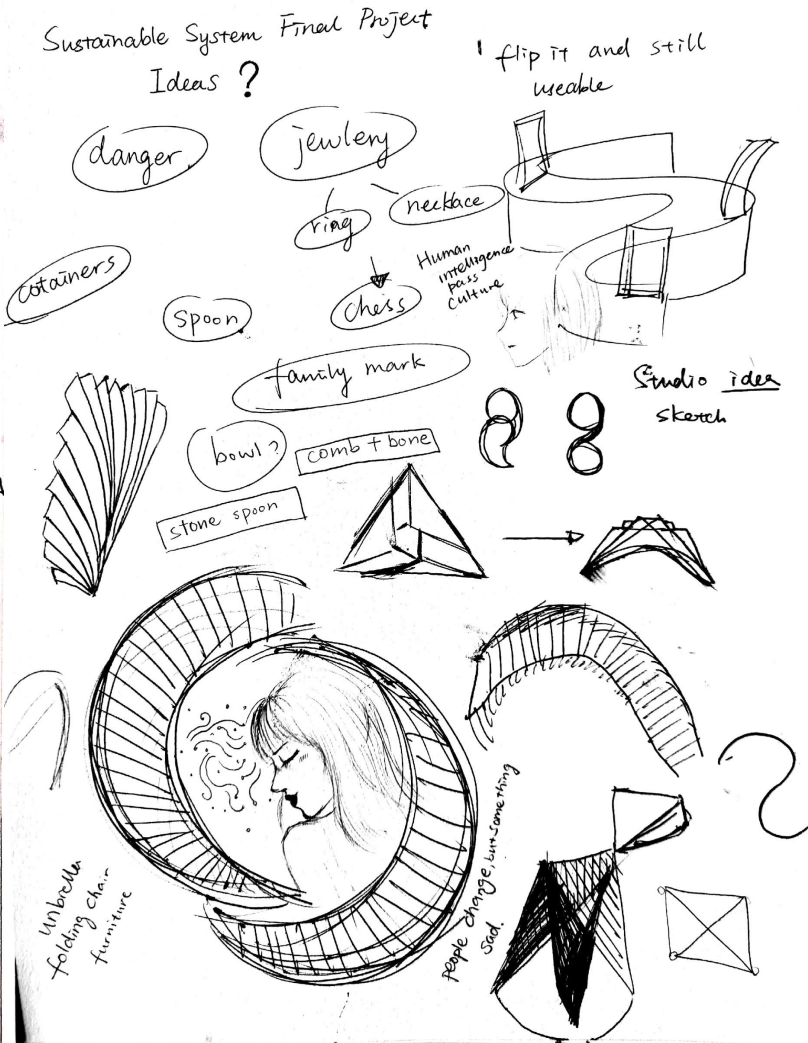
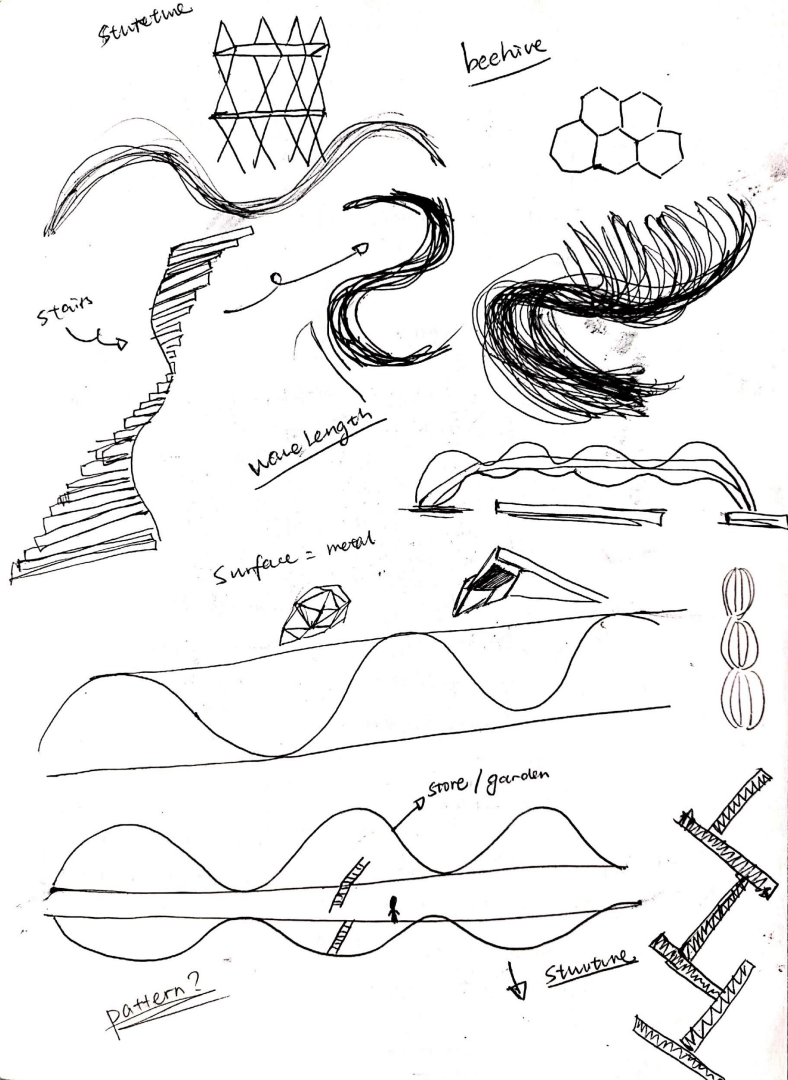
Process...



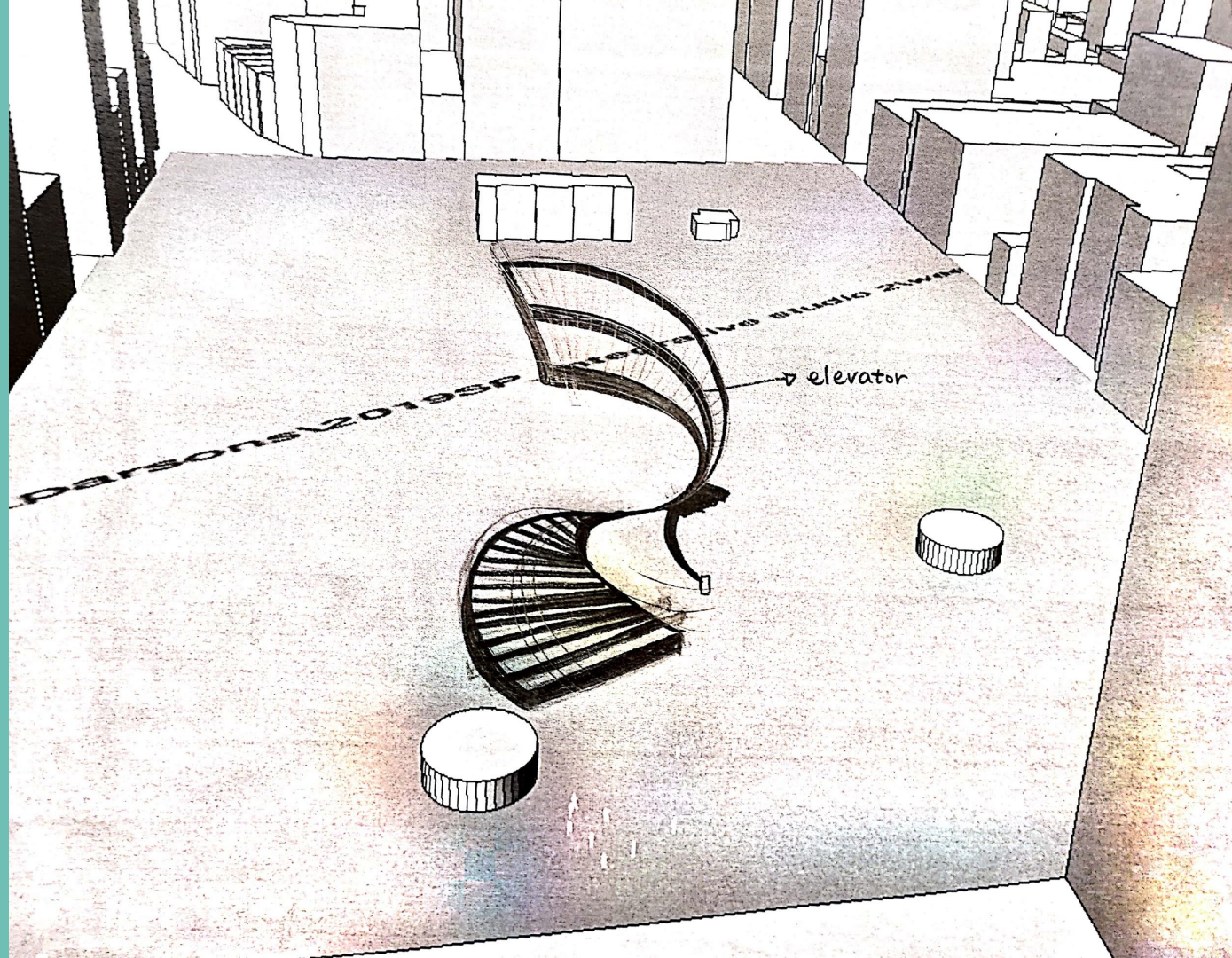
Process...



Process...

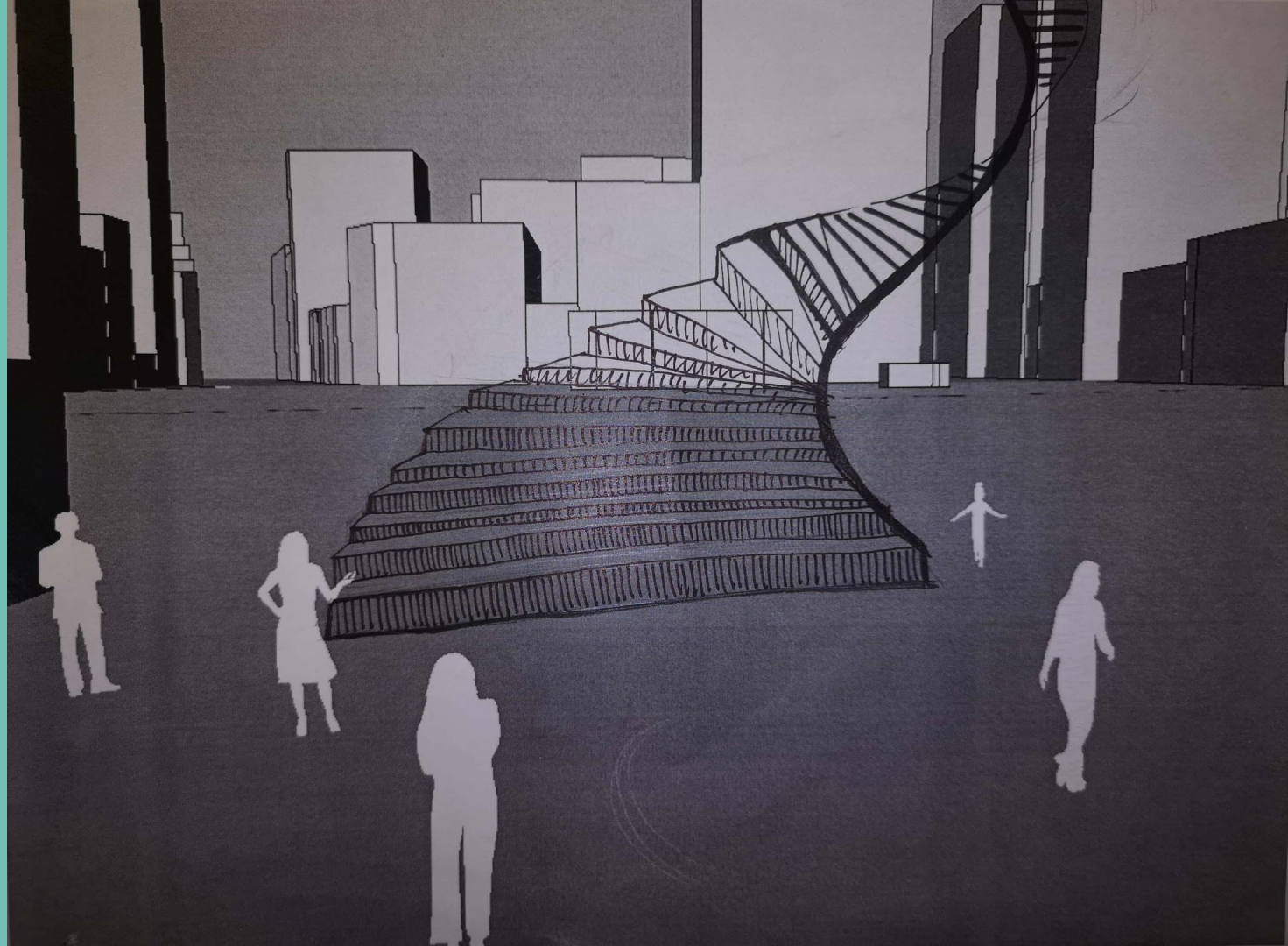


Process...

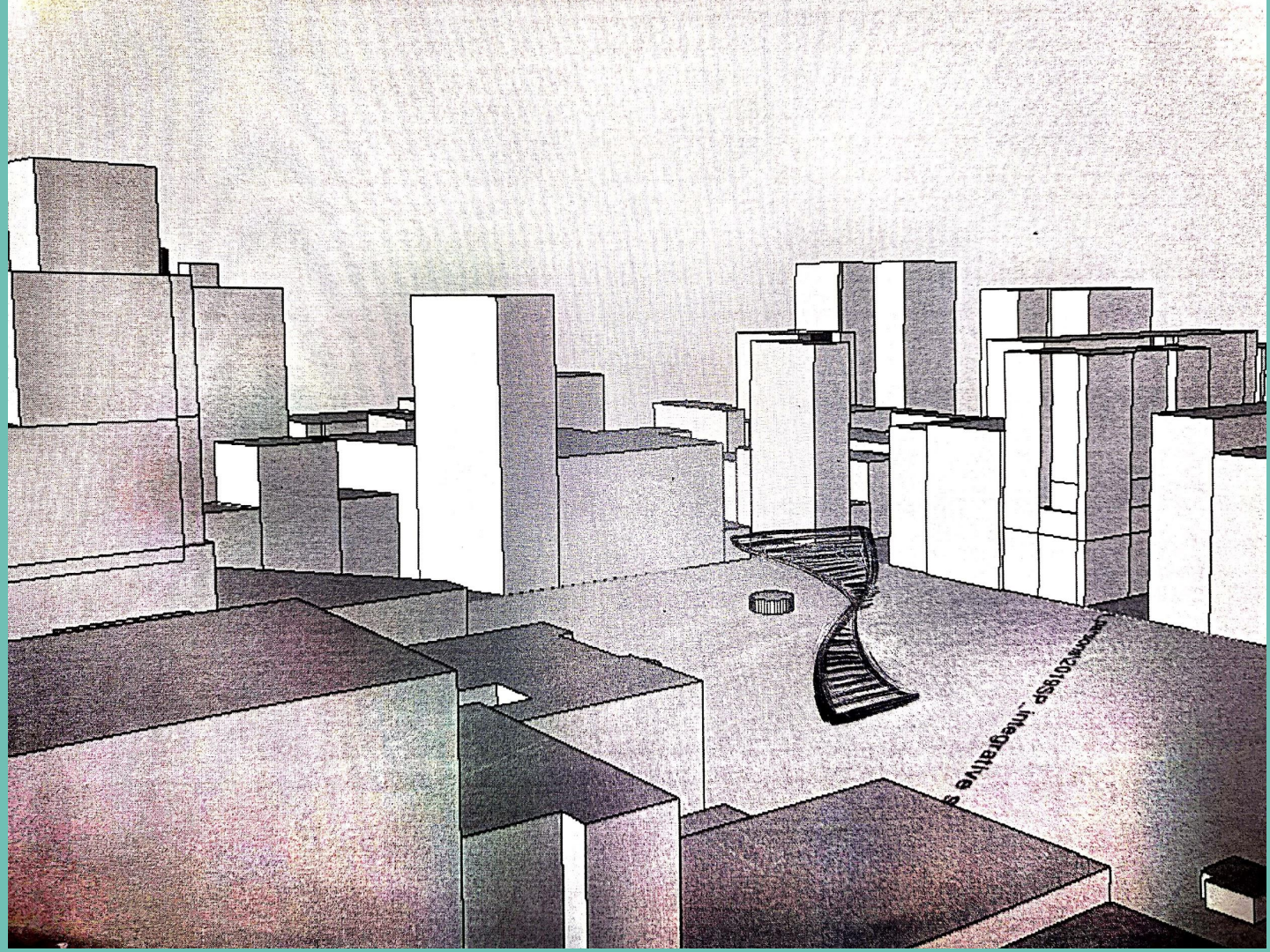


Process...

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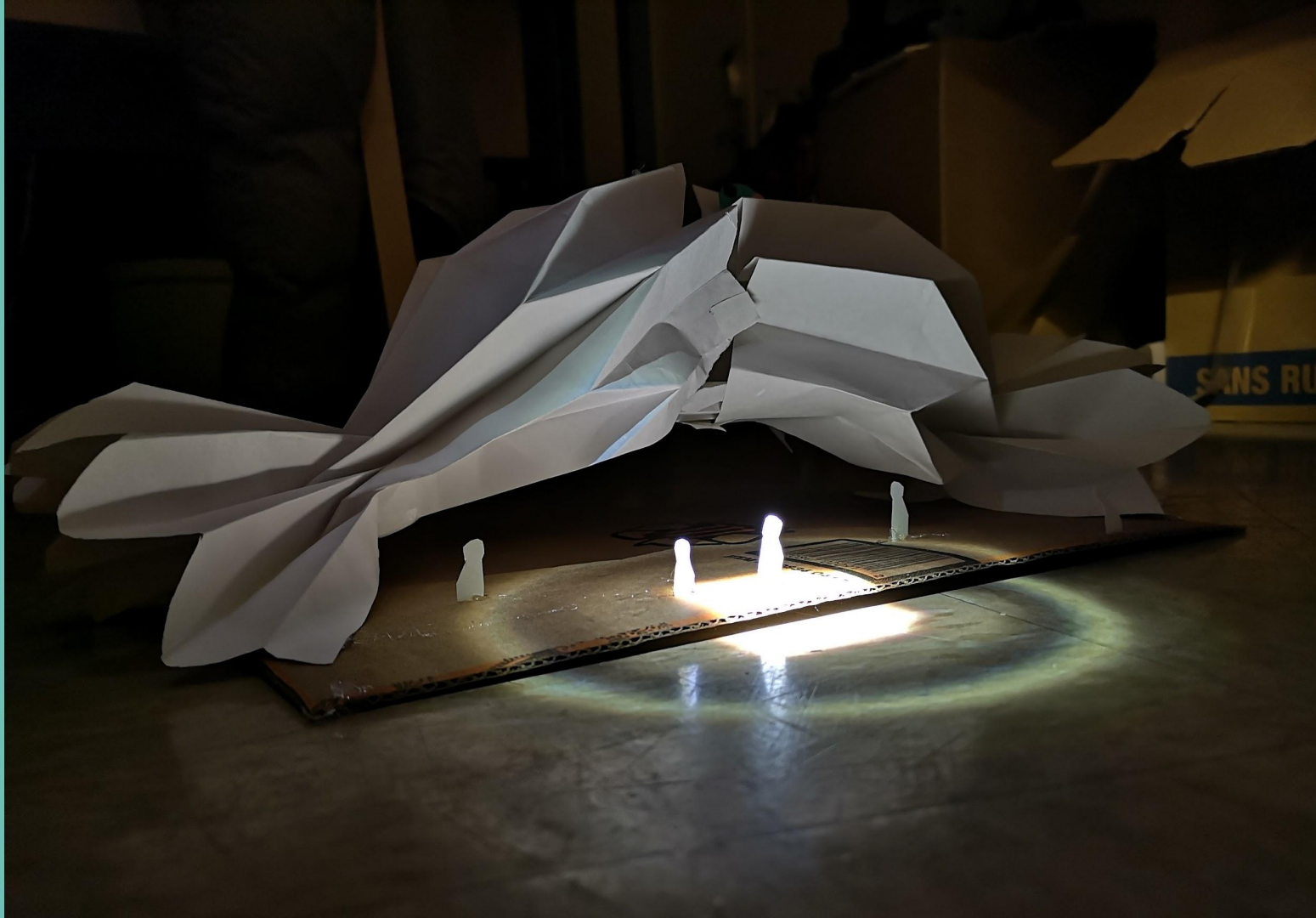
Process...



Overall Site Plan...



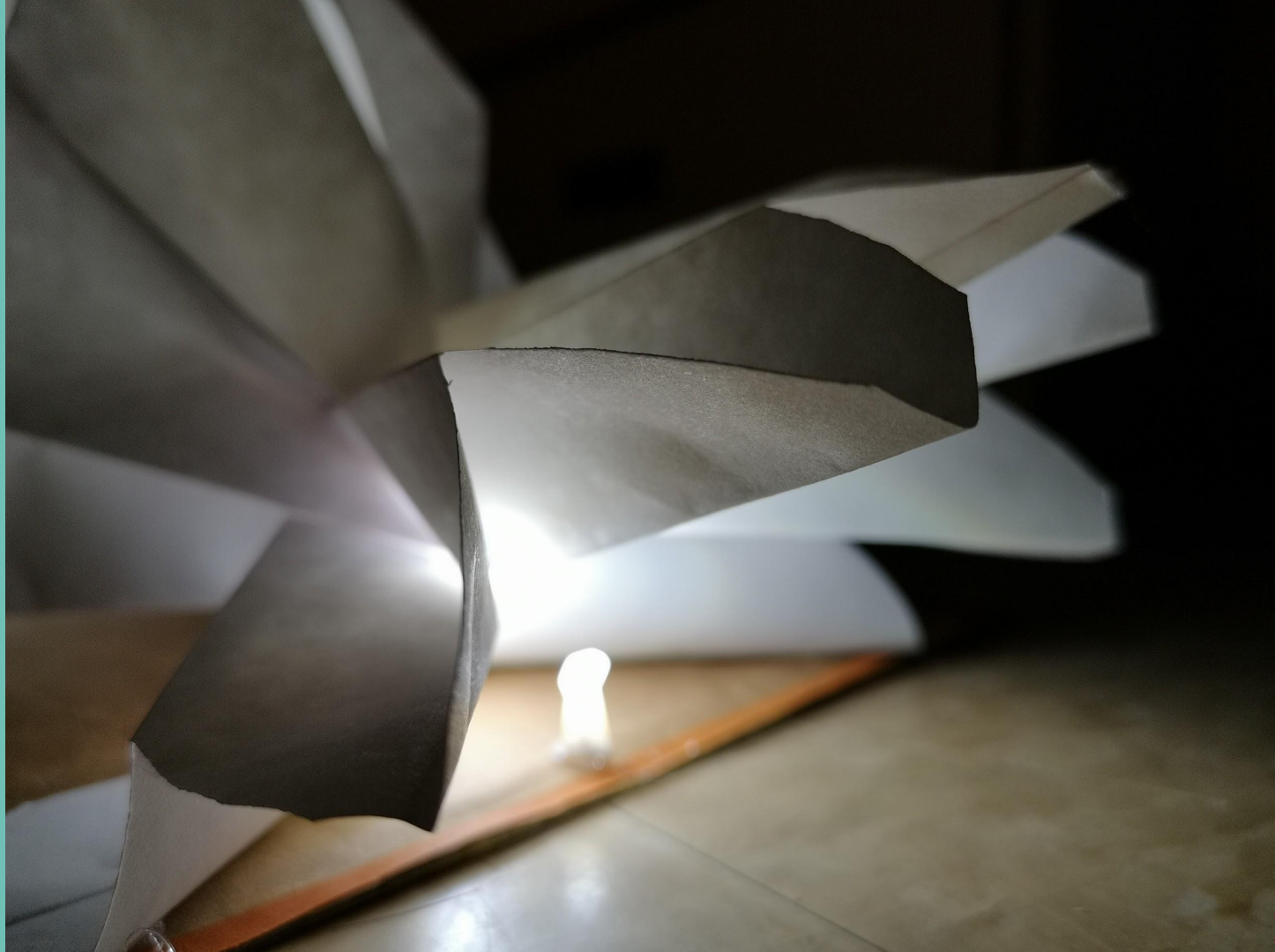
Fragment Model x1



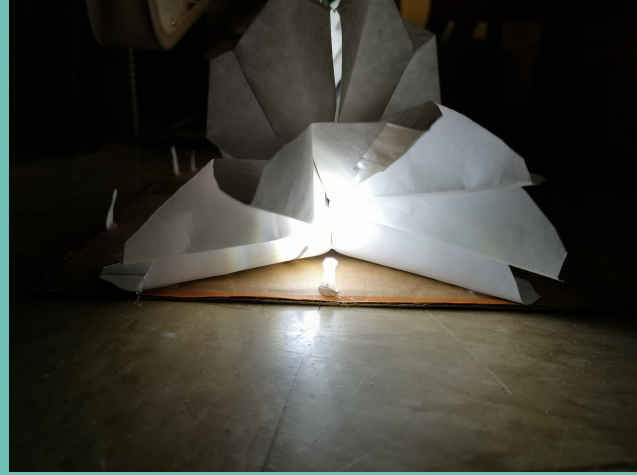
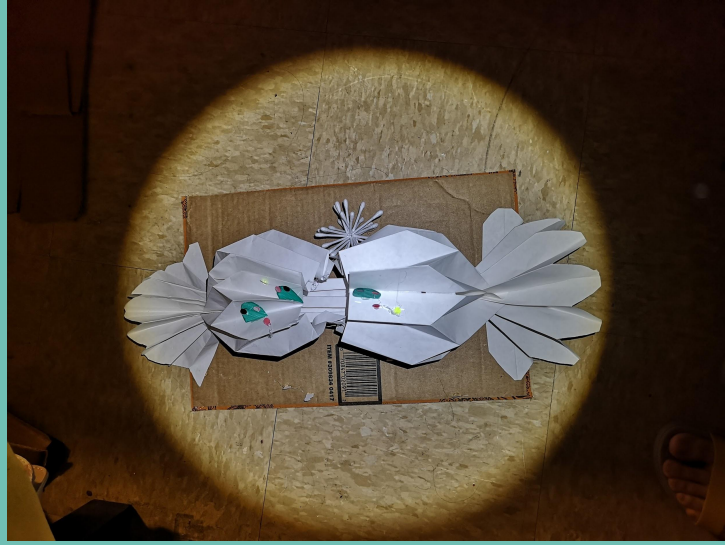
Fragment Model x1



Fragment Model x1

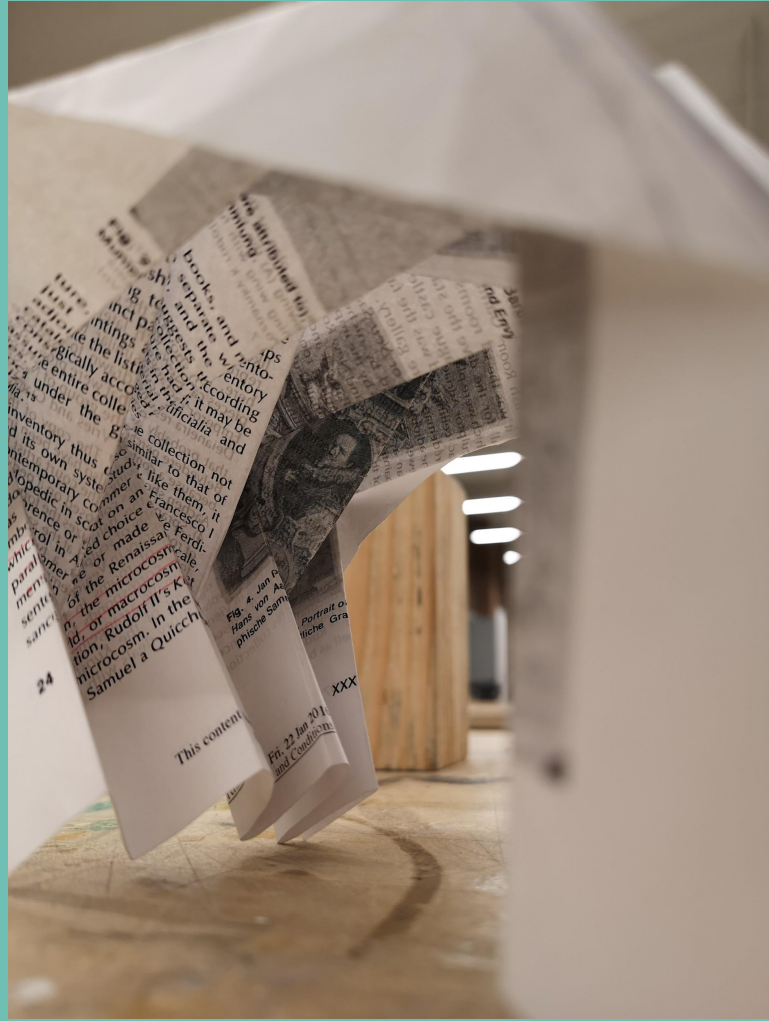
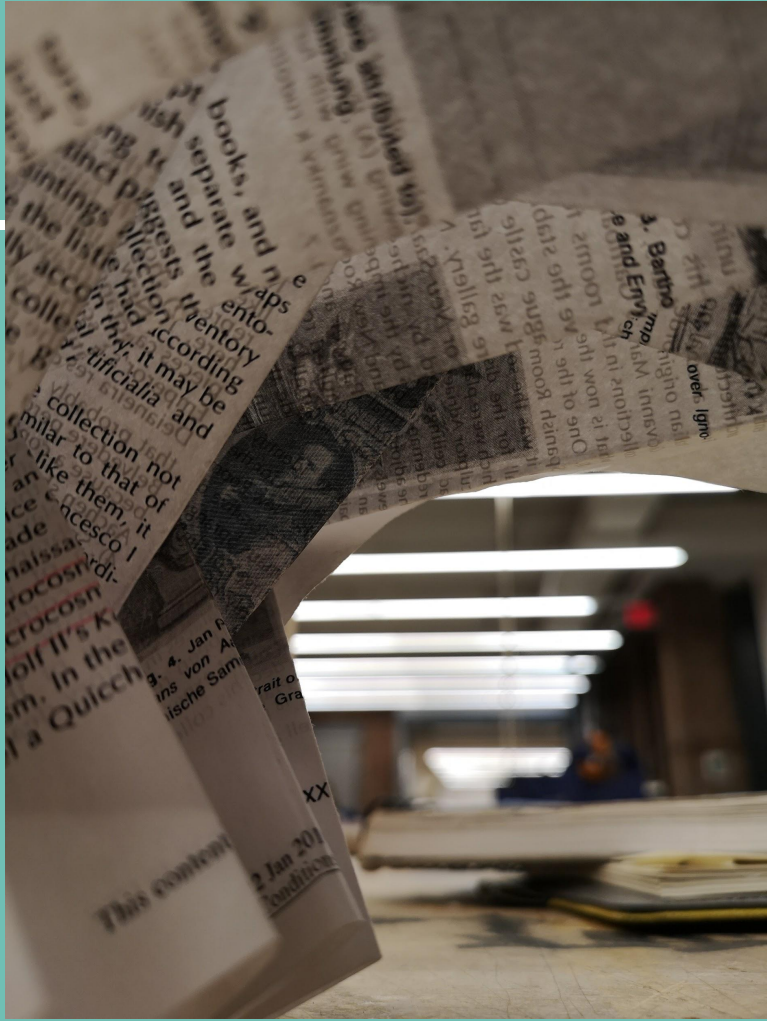


Fragment Model x1



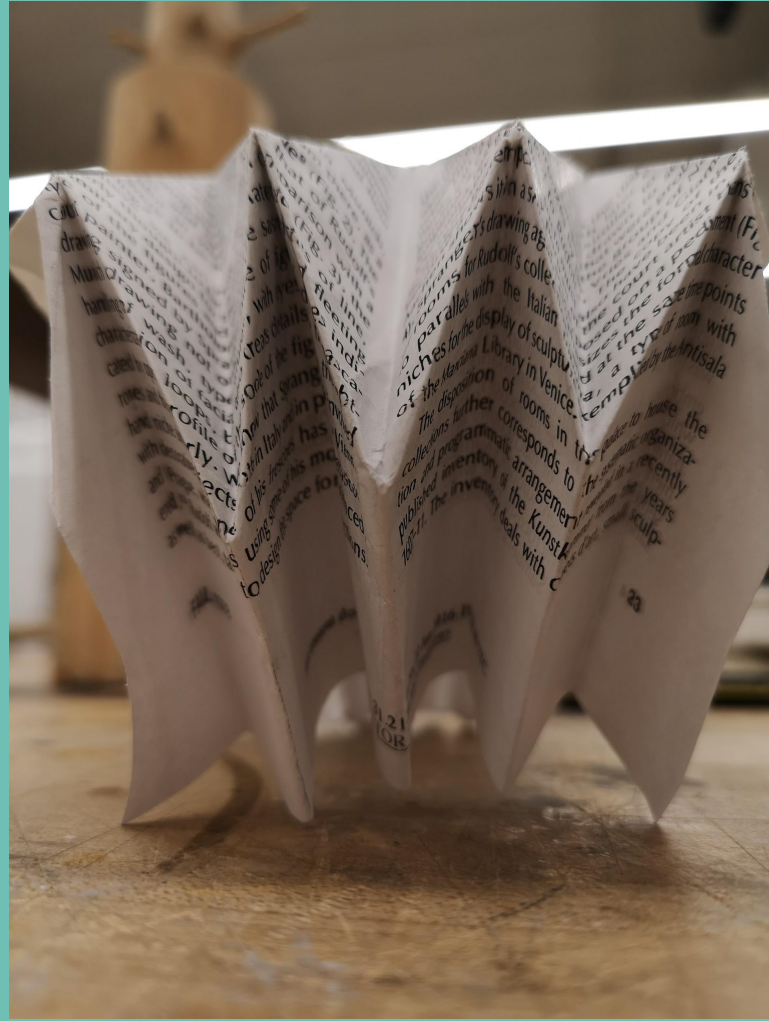
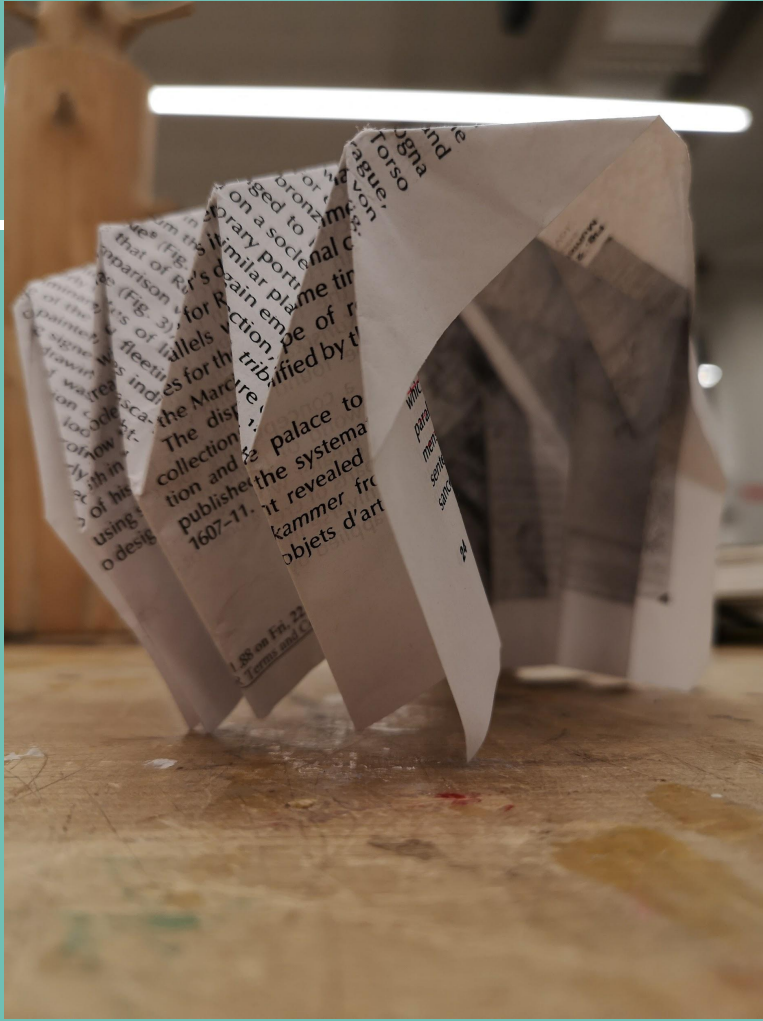
Fragment Model

X2



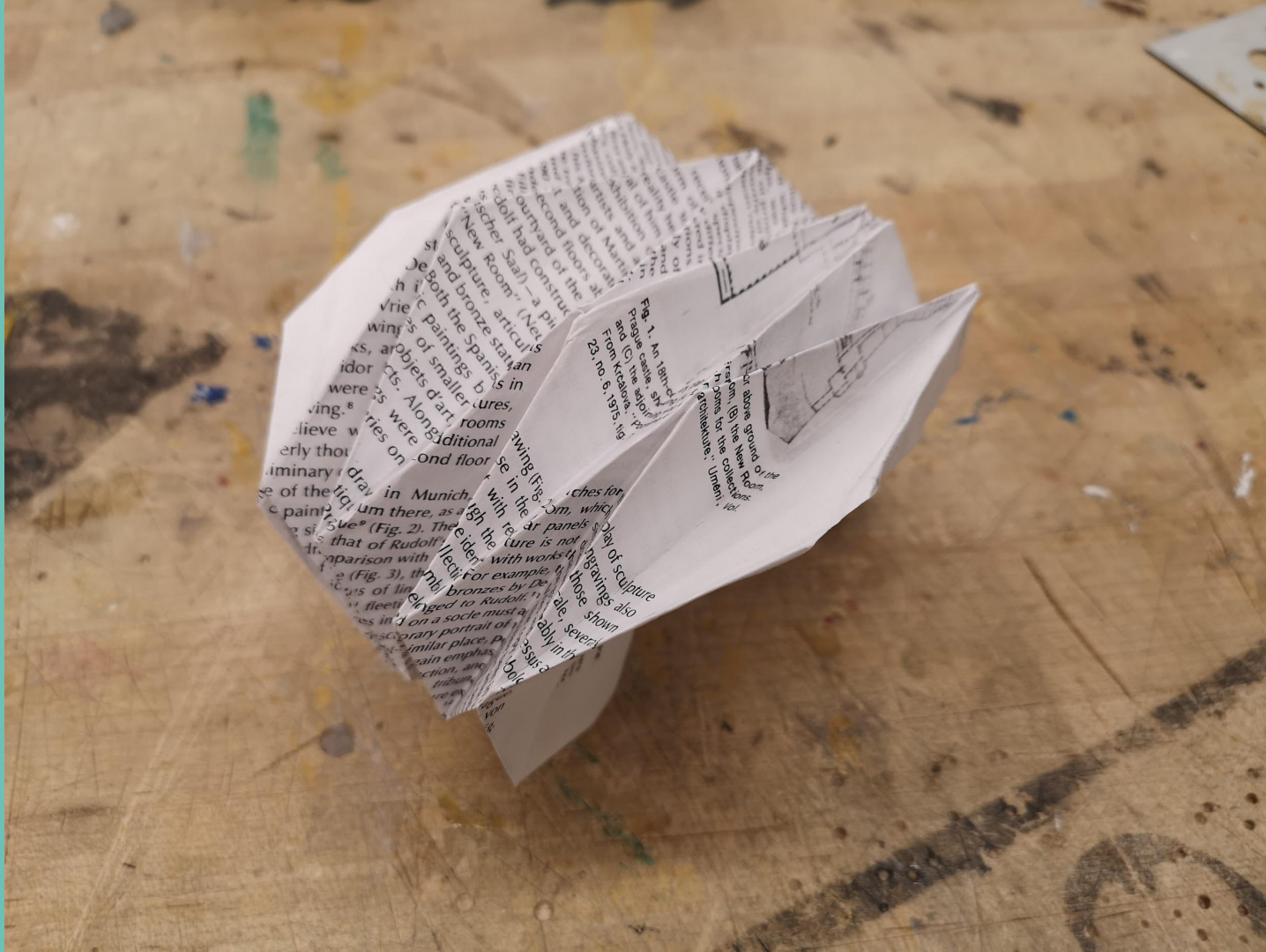
Fragment Model

X2



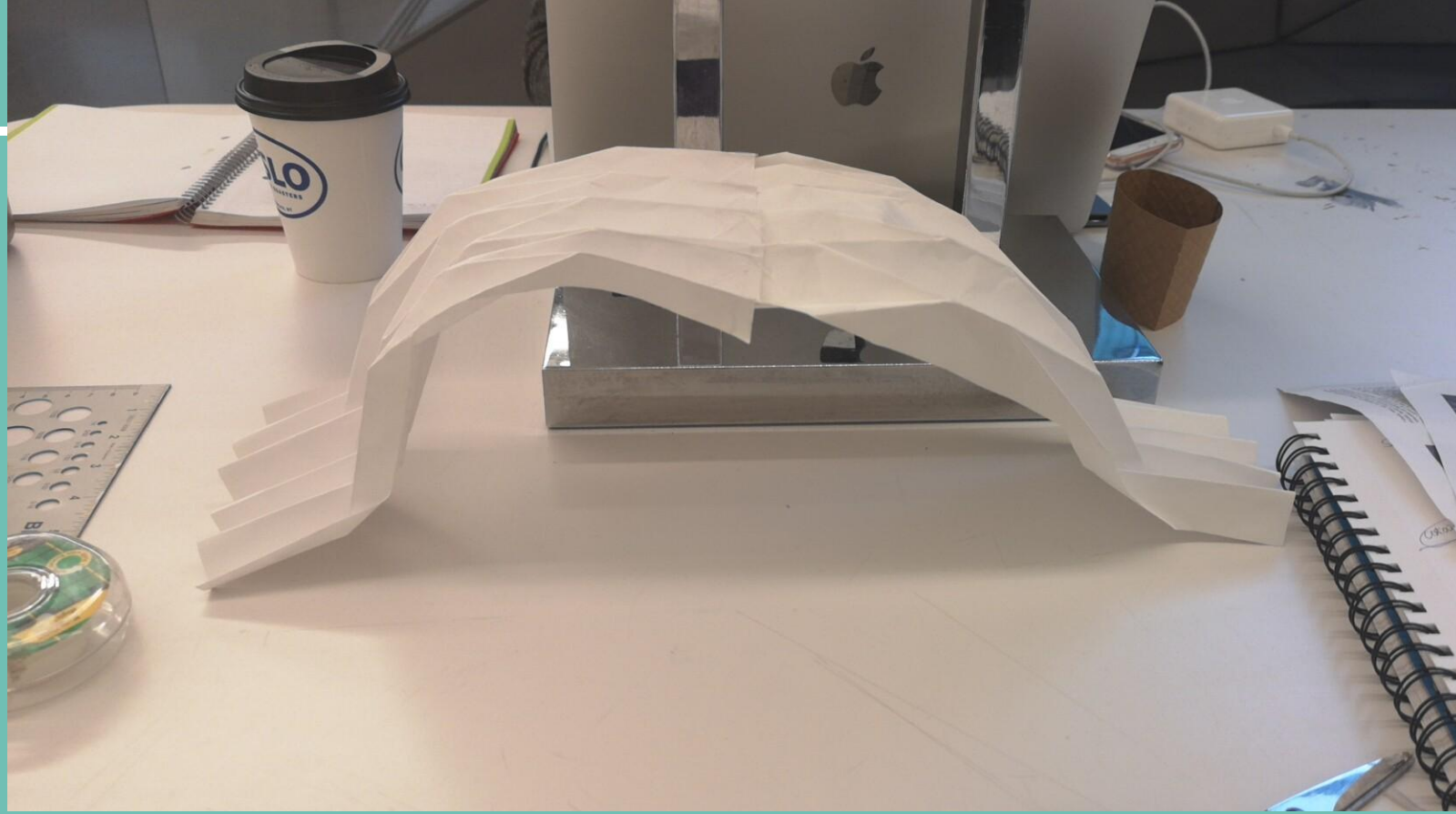
Fragment Model

X2



Fragment Model

x3



Fragment Model

x3

|



Fragment Model

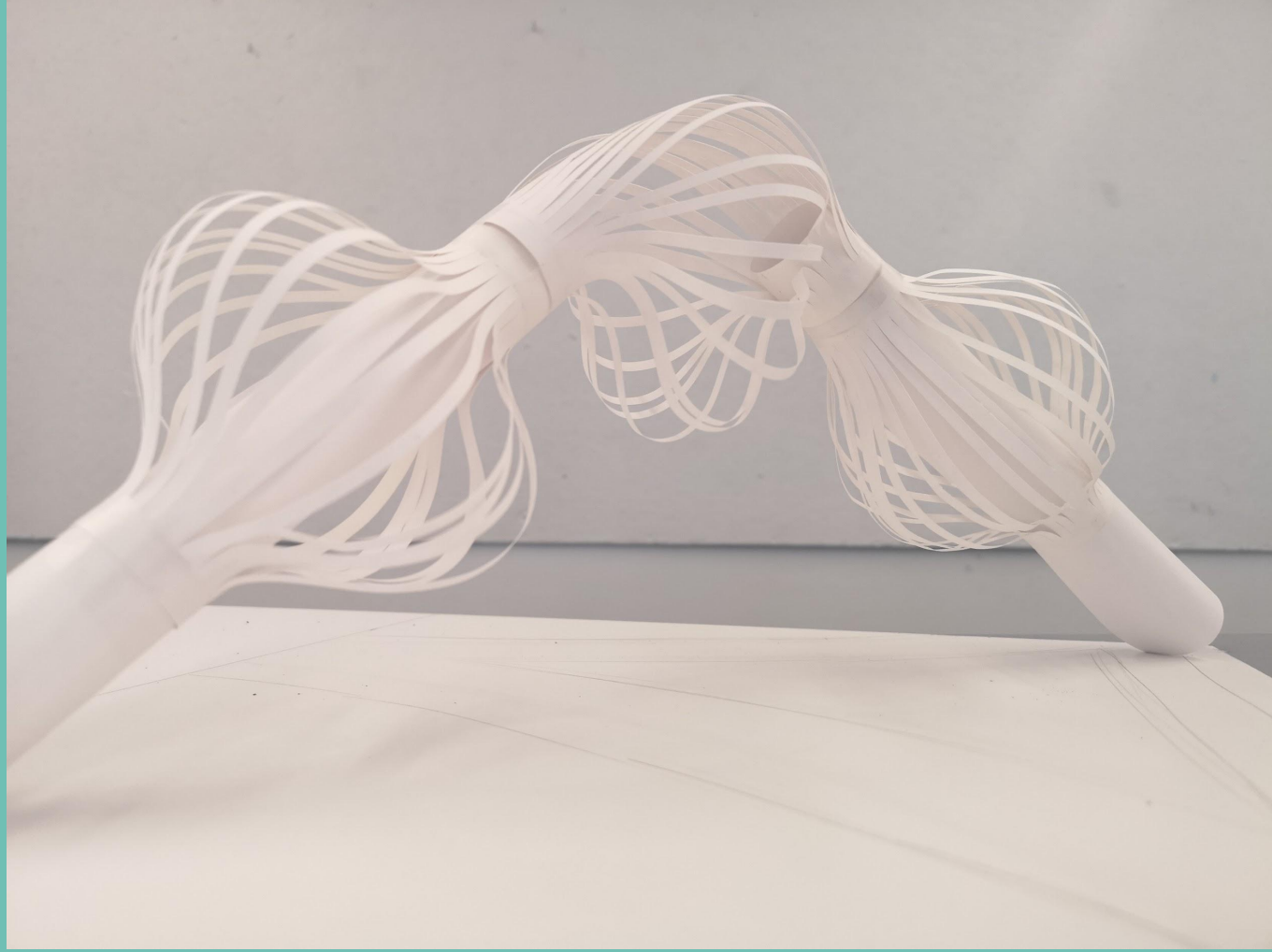
x4

|



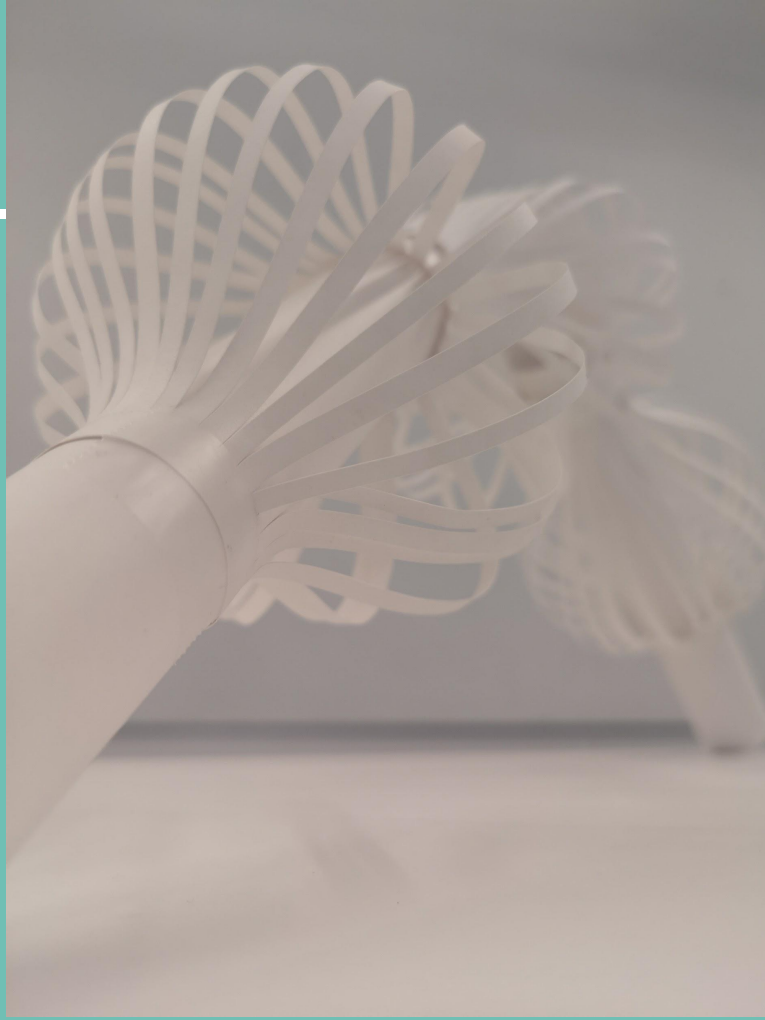
Fragment Model

x4.1



Fragment Model

x4.1



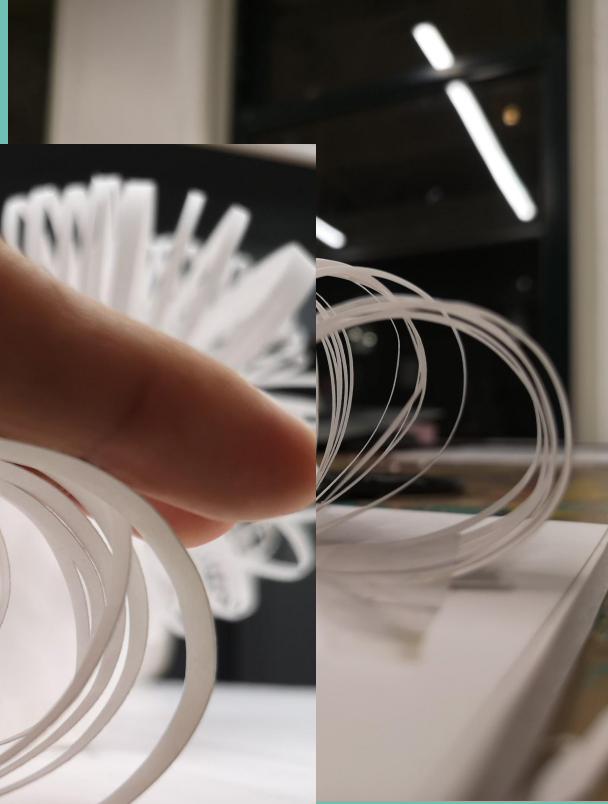
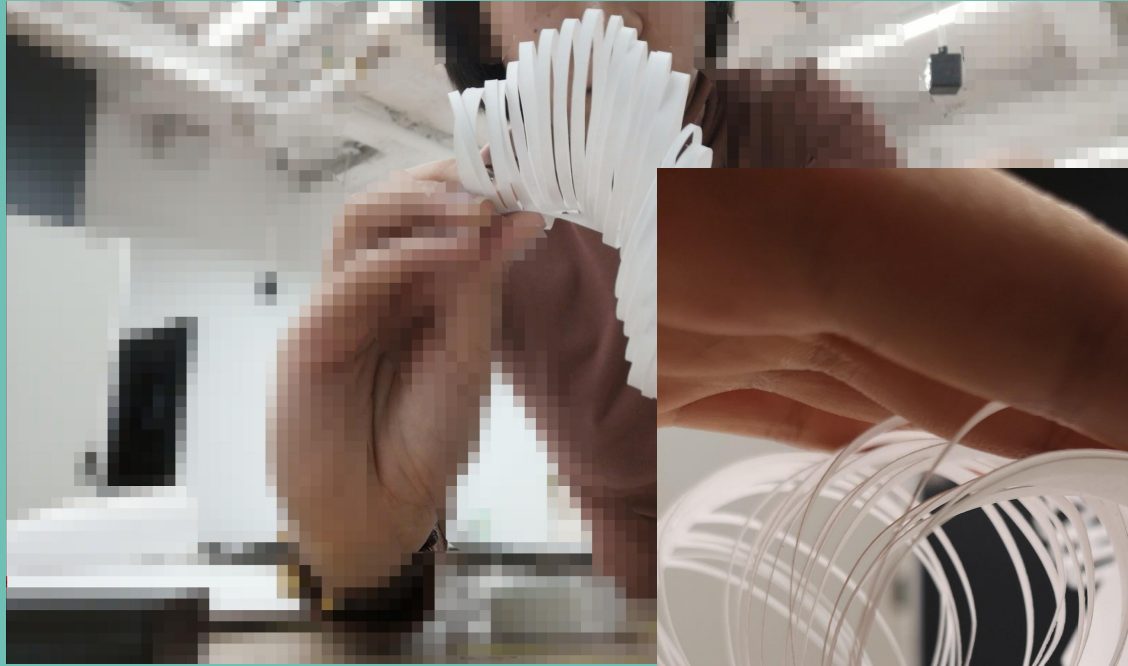
Fragment Model

x4.2



Fragment Model

x4.3



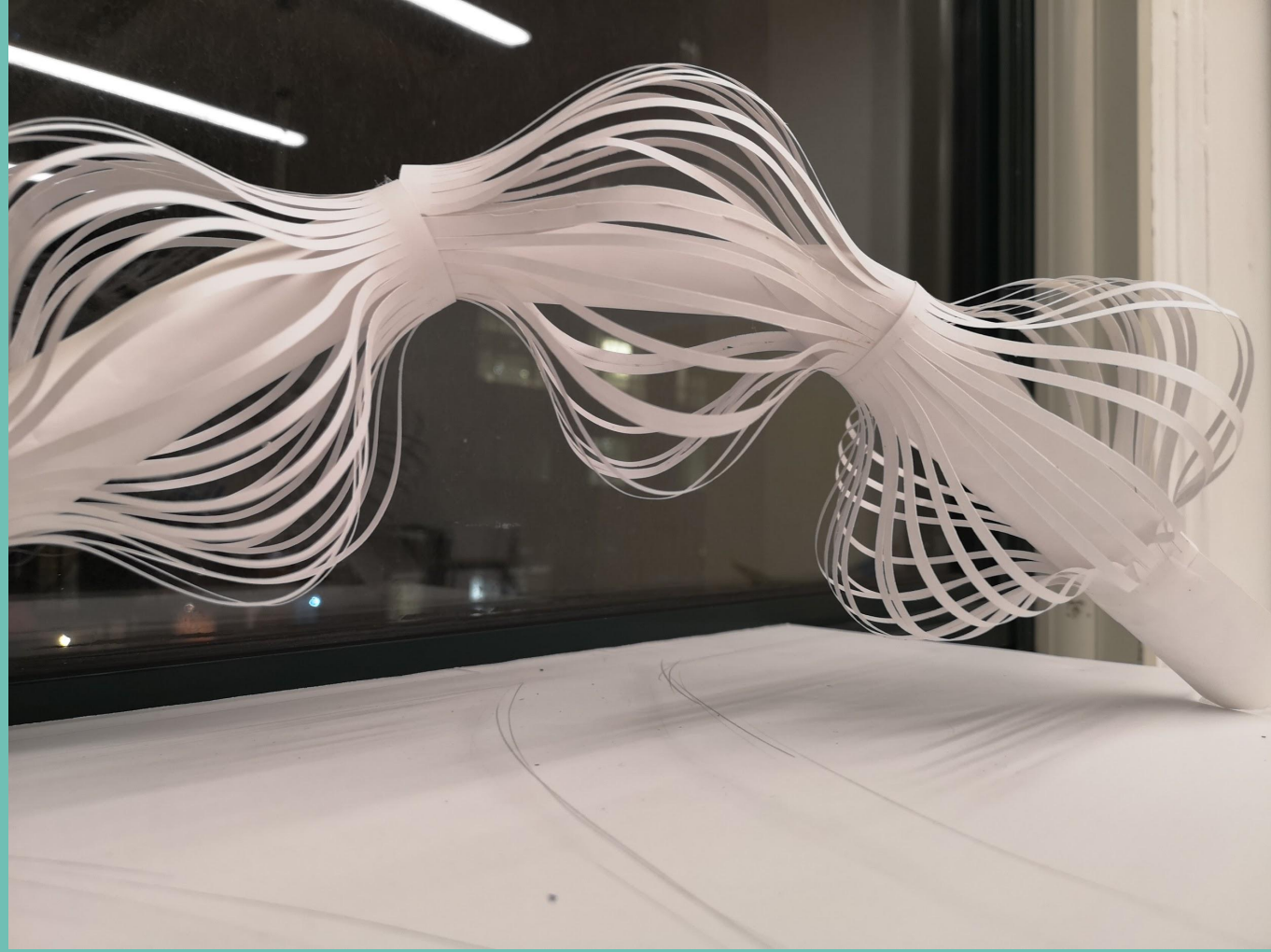
Fragment Model

x4.4



Fragment Model

x4.4



Fragment Model

x4.4



Fragment Model

x4.4



Render



Render

1. Hanging Garden
2. Public Sittings
3. Pedestrian Bridge



Thank you!

