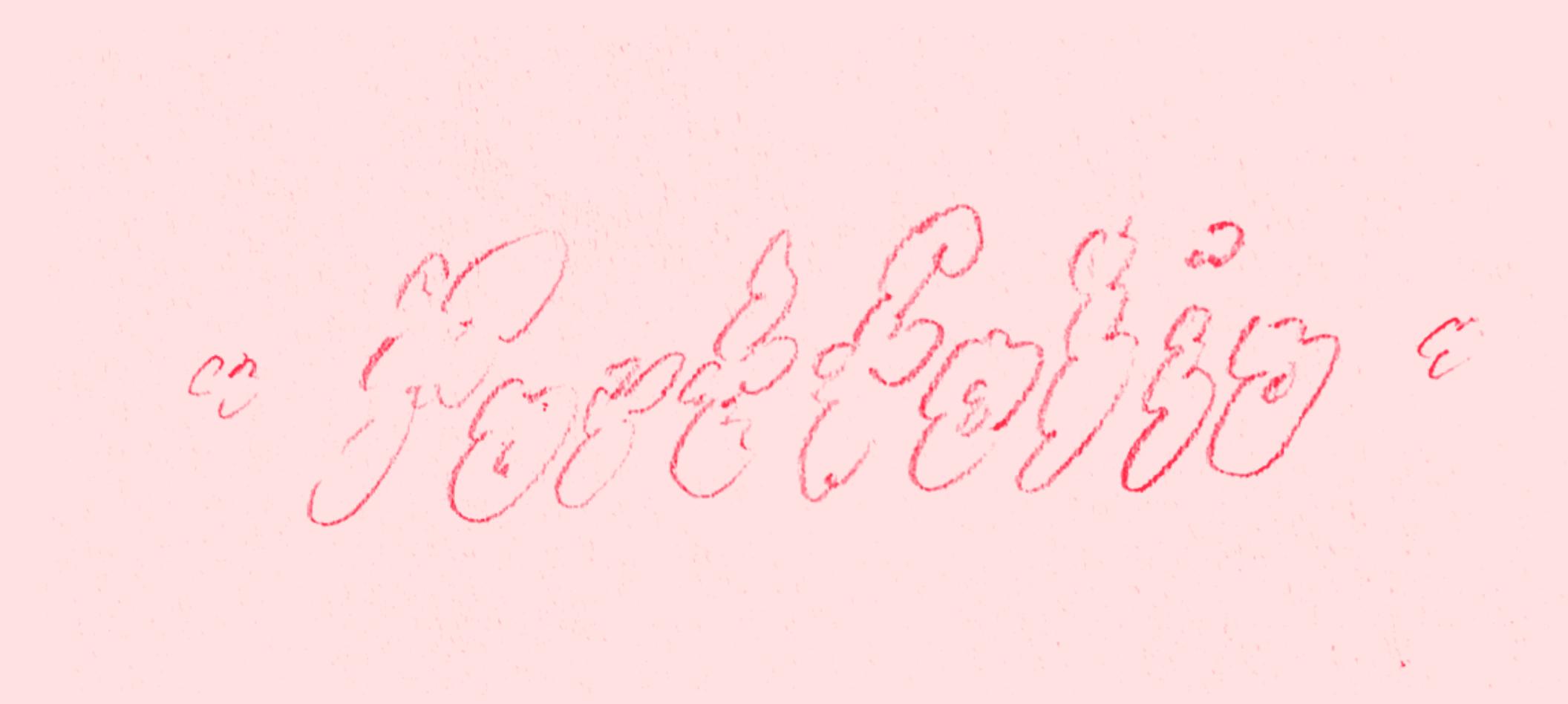
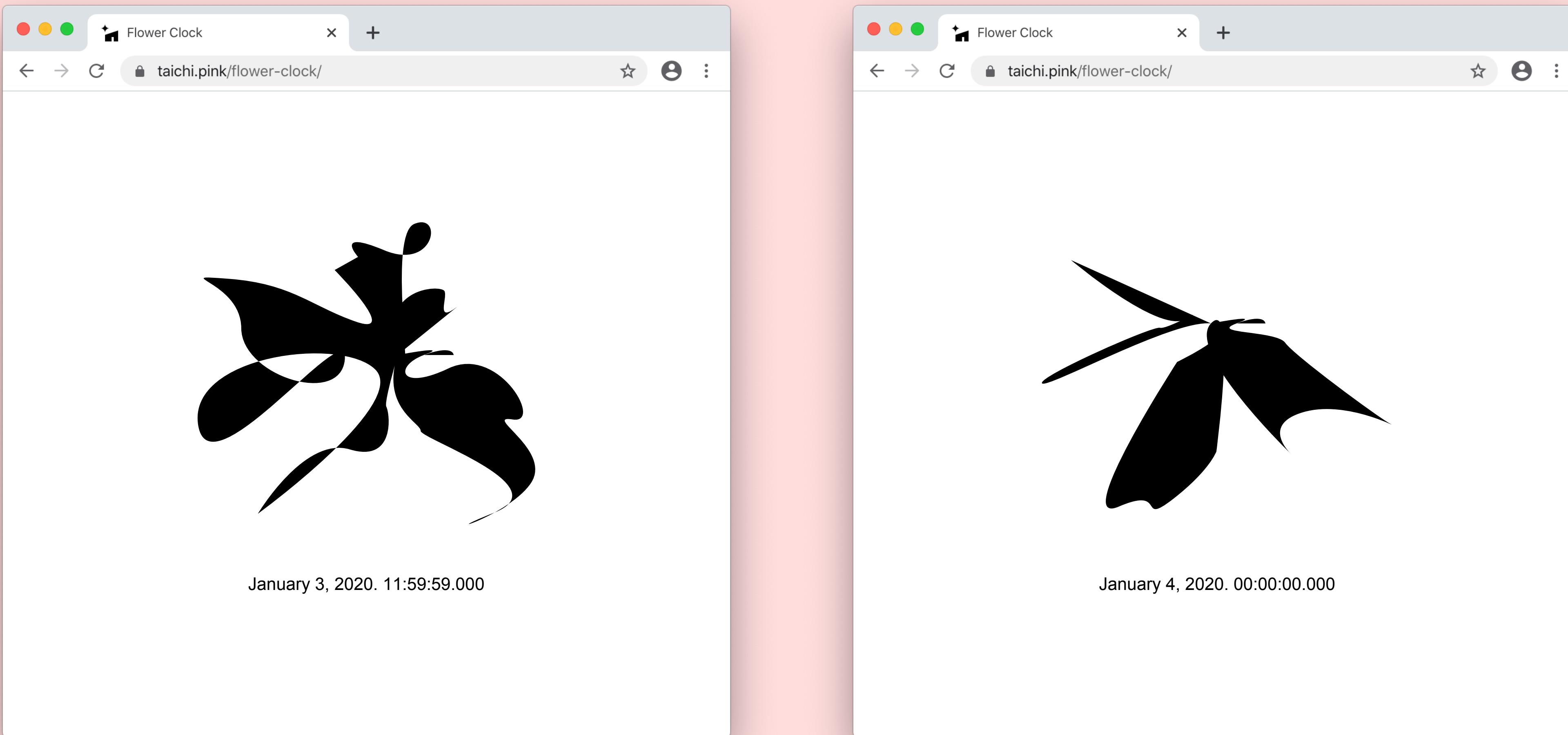


Taichi Aritomo



2. *Flower* — 5. *Garden* — 6. *Websites* — 9. *Adaptations*
10. *Sprinkler* — 13. *Forest Room* — 17. *Center for Civic Engagement*

2. *Flower* — Every second, this website encodes the time as a unique flower.
Each flower appears only once, then you'll never see it again.



Flower Clock, 2019. 5KB.

Encoding is measured by its reversibility, the ability to recover the original information without loss in meaning.

Lossless encoding uses a one-to-one function to ensure that each input corresponds to a unique output.

Handkerchief with flowers from my birthday. Silk, 13" x 13".



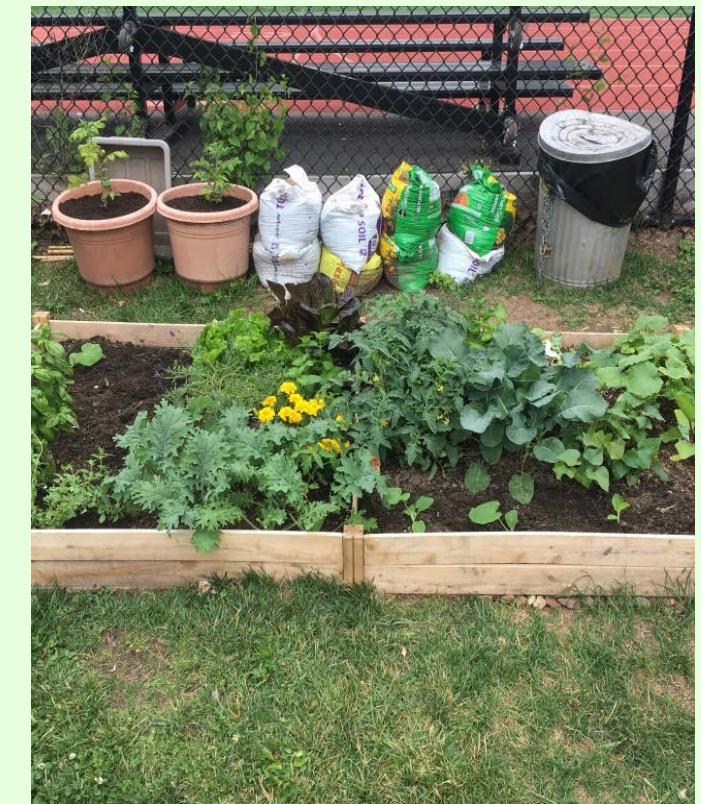
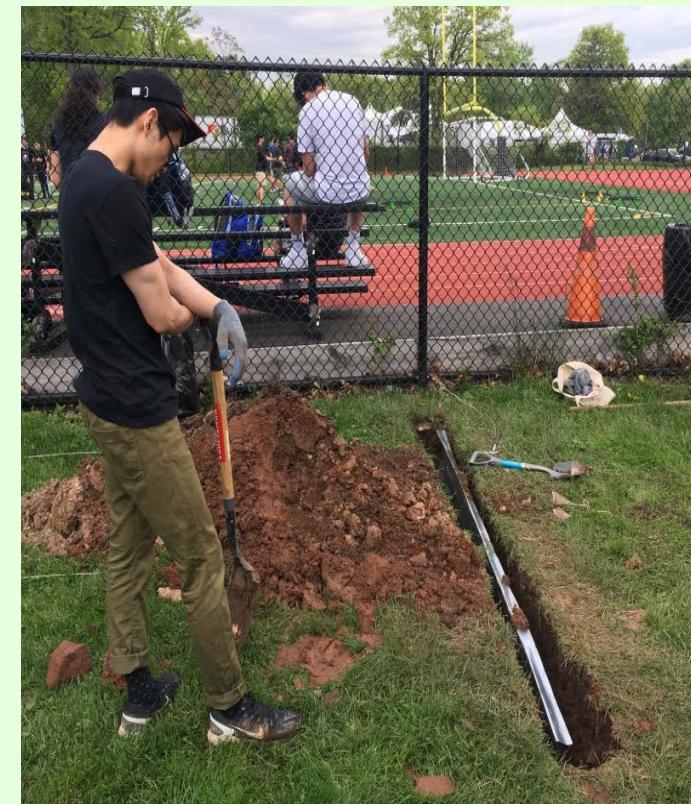
Because encoding preserves uniqueness, a birthday can have its own flowers.



Homogeneous random distribution
generated via Poisson Disk Sampling

10. Garden — With help from friends and neighbors, I started a garden behind my apartment building.

GROUNDWORK



Root Blocking

Burying galvanized steel roofing to block encroaching tree roots.

Soil Amendment

Supplementing the clay-heavy topsoil.

Ownership

Keeping track of plants and their owners, while inviting people to grow their own.

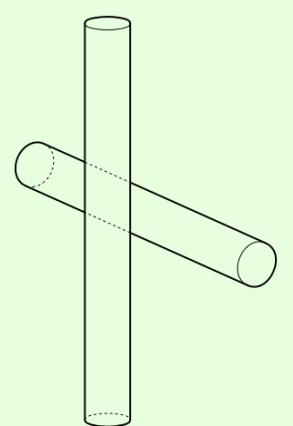
Pest Management

Vegetables paired with repellent marigolds and aromatics, while an active colony of predatory ants controlled insect pests.

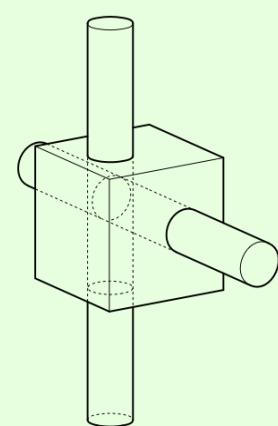
Disease Management

The plants grew crowded, spurring an outbreak of powdery mildew disease, which we controlled with a homemade fungicide.

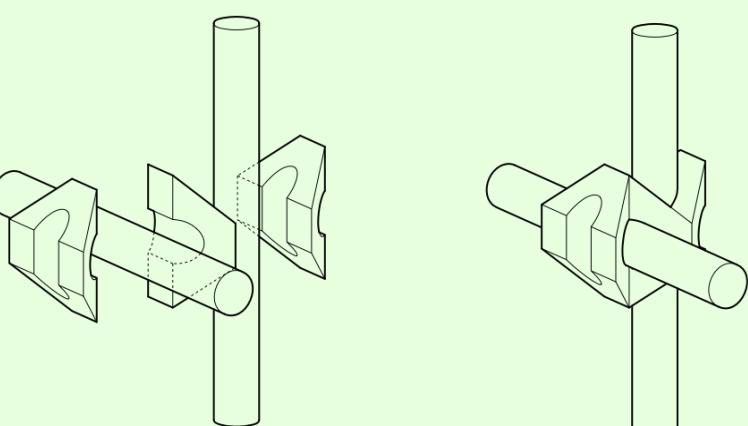
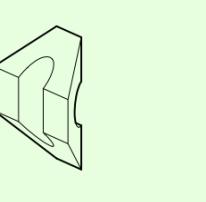
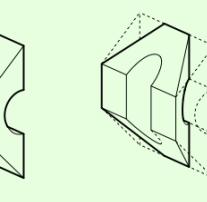
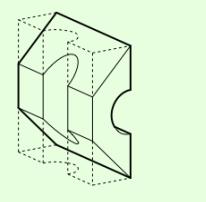
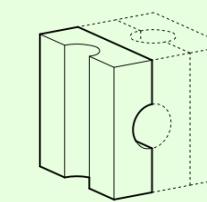
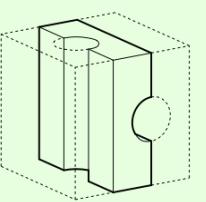
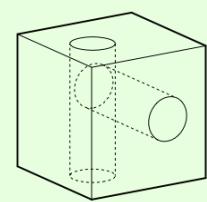
EDITABLE SCAFFOLDING



Intersection



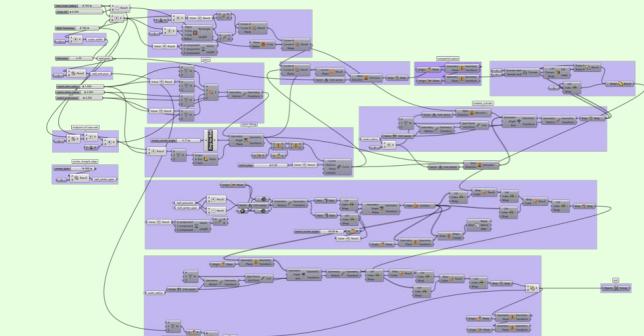
Enclosure



Repeat to interlock

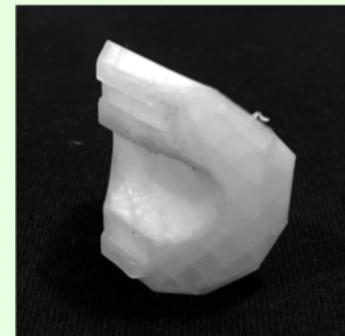


Interlocking Tests



Grasshopper Script

Adjustable dimensions for varying bamboo diameters.



Interlocking Modules

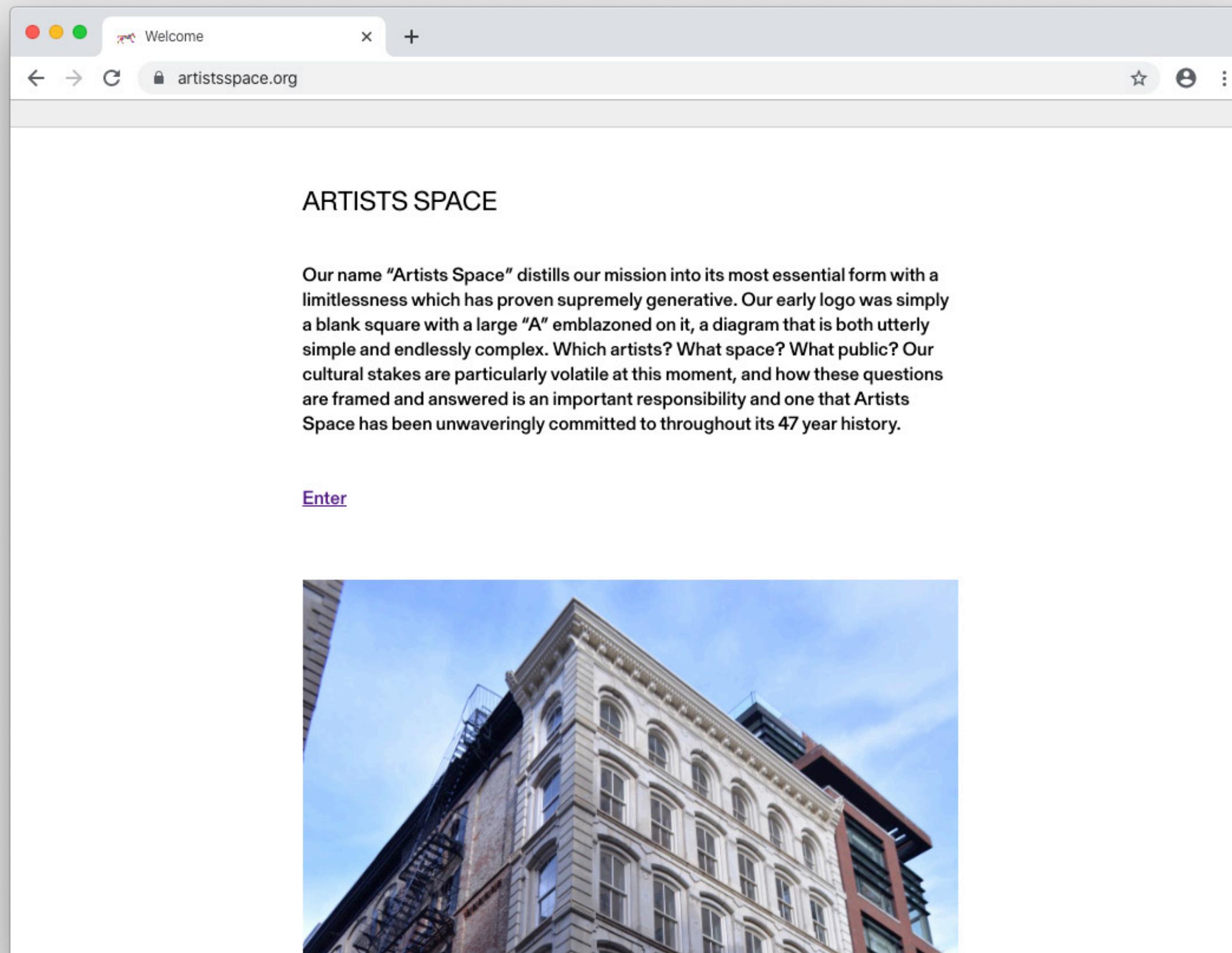
3D-printed in PETg



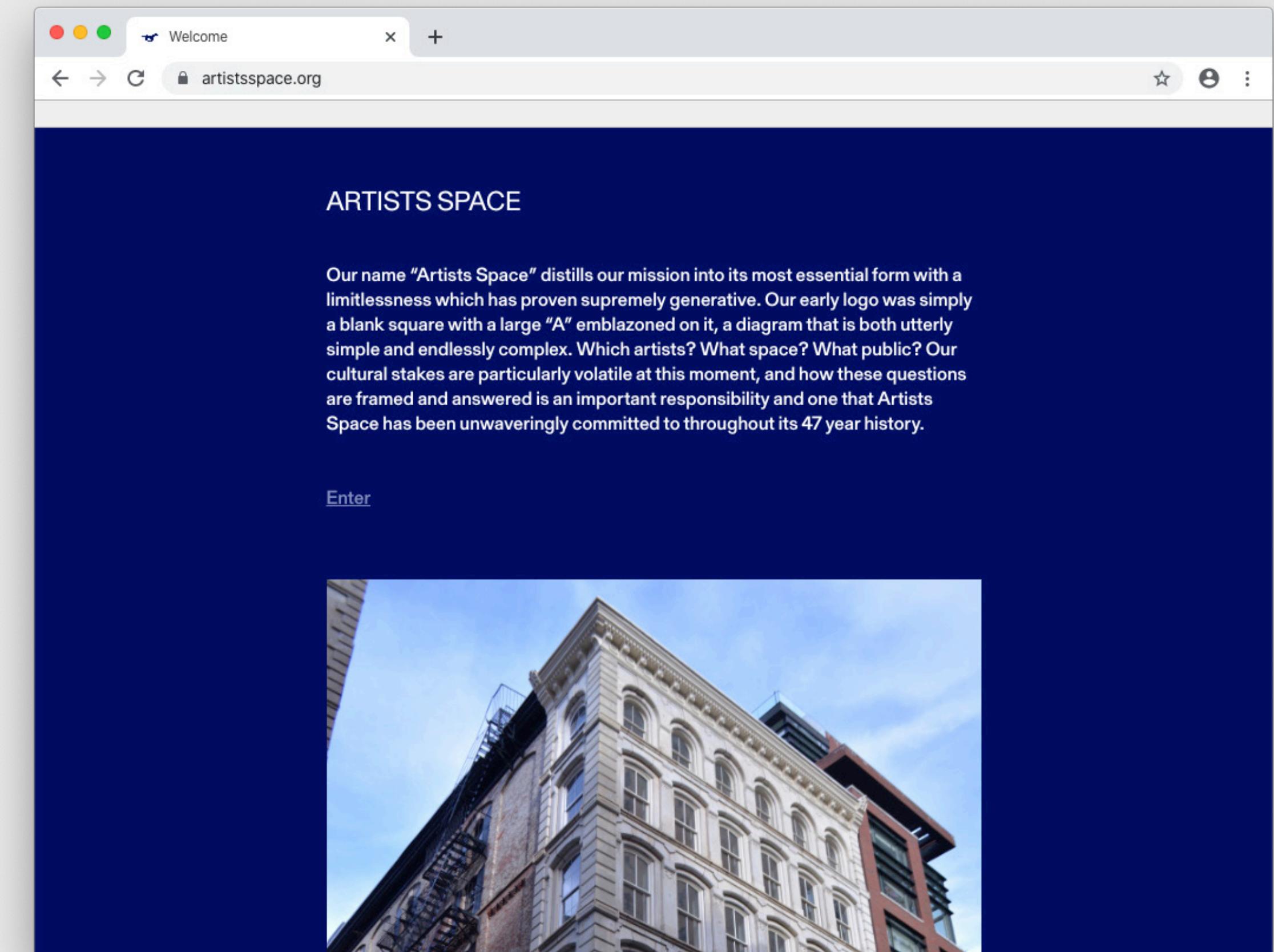
Editable Bamboo Interface

Easy to detach and attach, the scaffolding system shifted and grew with the plants they supported.

6. Websites — Artists Space sought a more accessible interface to its cultural programming and digital archive.



Sunrise to Sunset in New York



Sunset to Sunrise in New York

Working with Laurel and Mark, I built systems that allow visitors to explore the institution's 47-year archive through many avenues.

MEDIA INDICES

ARTISTS SPACE

Richard Hollis

September 21 – November 10, 2013

WAYS OF SEEING

Book cover for Ways of Seeing by John Berger. Design by Richard Hollis. Published by BBC and Penguin Books, London, 1972. Courtesy Richard Hollis [Black text on paper introducing the book. The top text reads, "A Pelican Original, Ways of Seeing, Based on the BBC television series with John Berger."]

Announcement

Biography

Programs

Installation Views

Documents

Acknowledgments

Installation view from *Richard Hollis, Artists Space*, 2013 [A grid of 6 documents sitting opened on a table.]

[Back to Exhibitions](#)

[Back to 2013](#)

[Back to Richard Hollis](#)

[artistsspace.org/exhibitions/richard-hollis...](http://artistsspace.org/exhibitions/richard-hollis)

ARTISTS SPACE

Richard Hollis

September 21 – November 10, 2013

WAYS OF SEEING

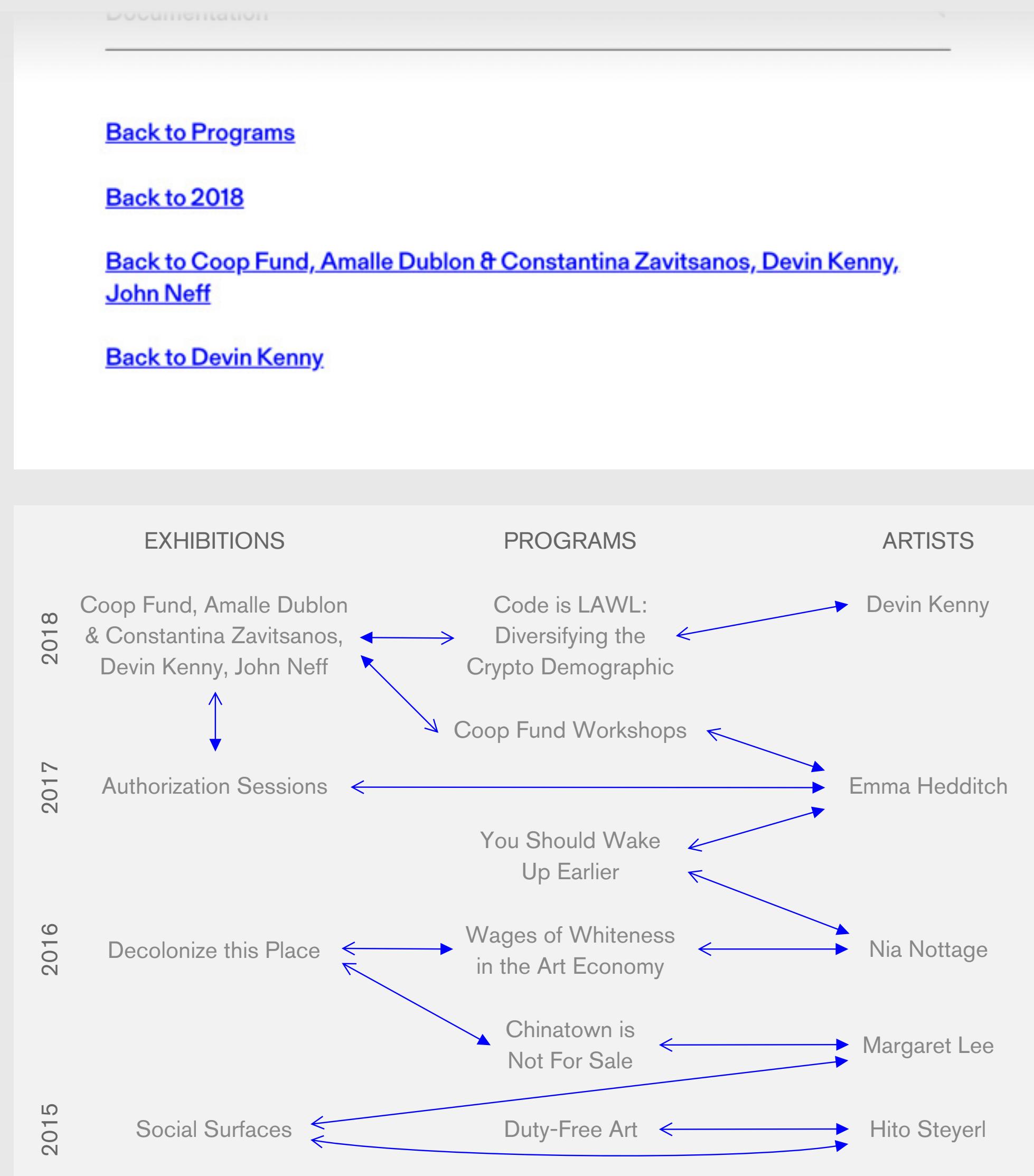
Book cover for Ways of Seeing by John Berger. Design by Richard Hollis. Published by BBC and Penguin Books, London, 1972. Courtesy Richard Hollis [Black text on paper introducing the book. The top text reads, "A Pelican Original, Ways of Seeing, Based on the BBC television series with John Berger."]

Installation view from *Richard Hollis, Artists Space*, 2013 [A grid of 6 documents sitting opened on a table.]

[back to image](#)

images.artistsspace.org
a shuffled index of every image on the site

RECIPROCAL HYPERLINKS



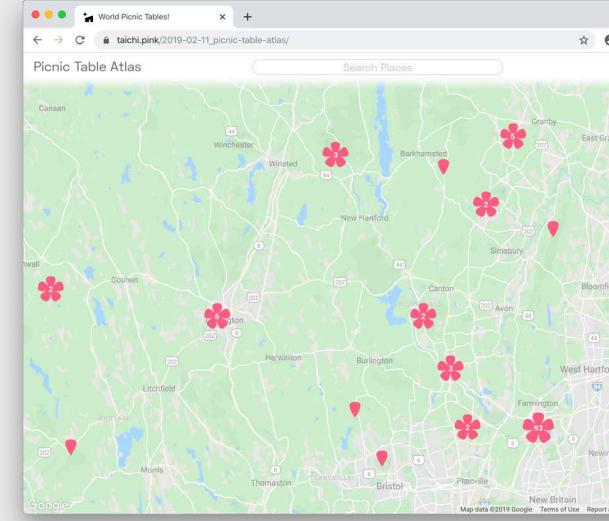
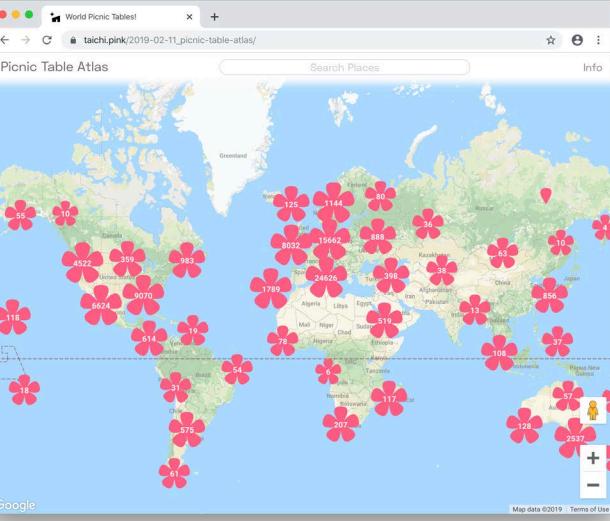
Every page is appended with an automatic list of other pages that link to the current one. As a result, when Artists Space creates a hyperlink within their website, the link becomes a door that can be passed in both directions, enabling lateral circulation through the institution's vertical ontology of artists, exhibitions, and programs.

A website is built from a set of rules, for a container of indeterminate shape and size.
I build them considering how they'll be maintained in the future and degrade gracefully across devices of the past.



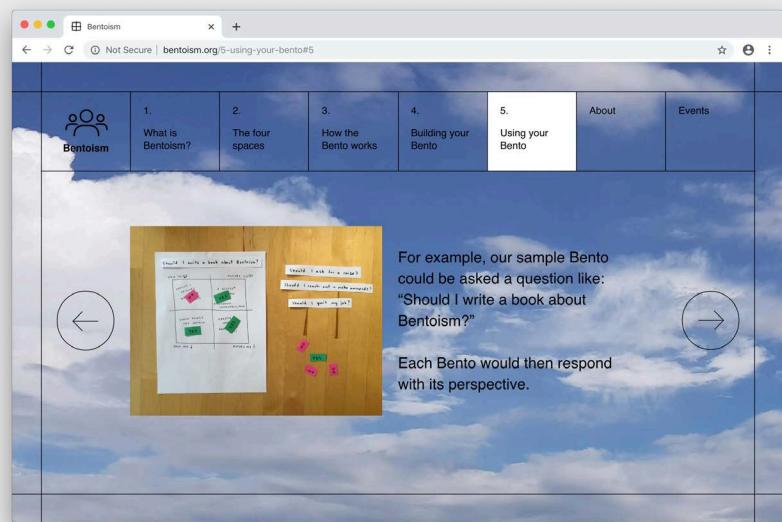
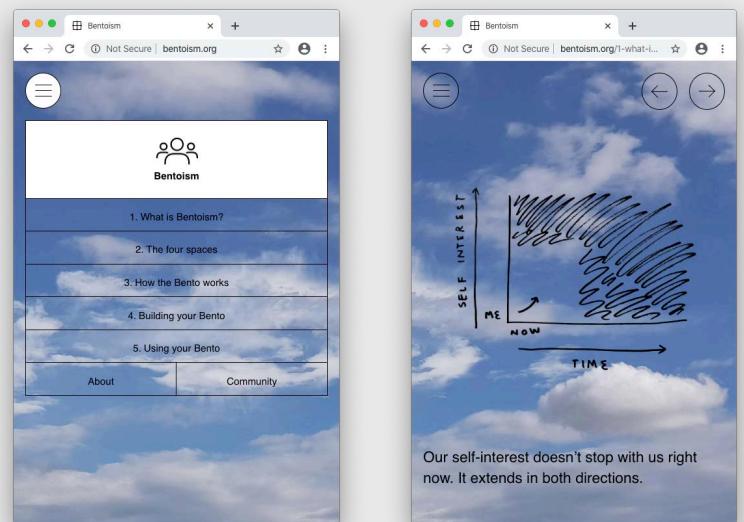
2727.today 2019, 821MB.

Website for the artist-residency and educational initiative 2727 California Street.
The calendar and widget table were inspired by their stained glass windows and collaged posters.
Taichi Aritomo and Laurel Schwulst (Design/Development), Mindy Seu and Lexi Visco (Advisors)



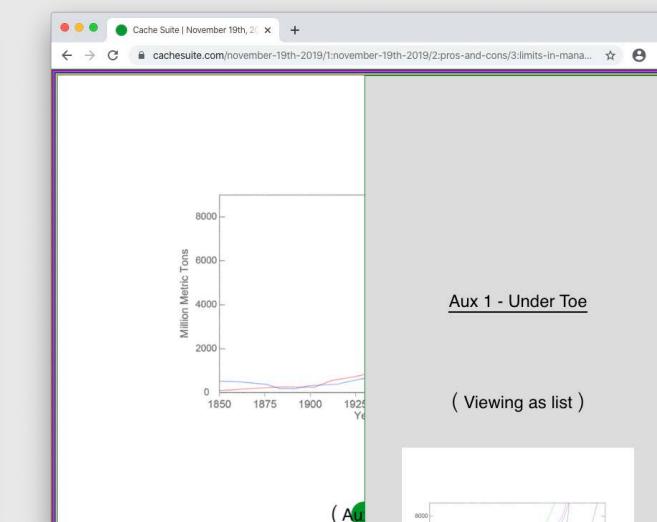
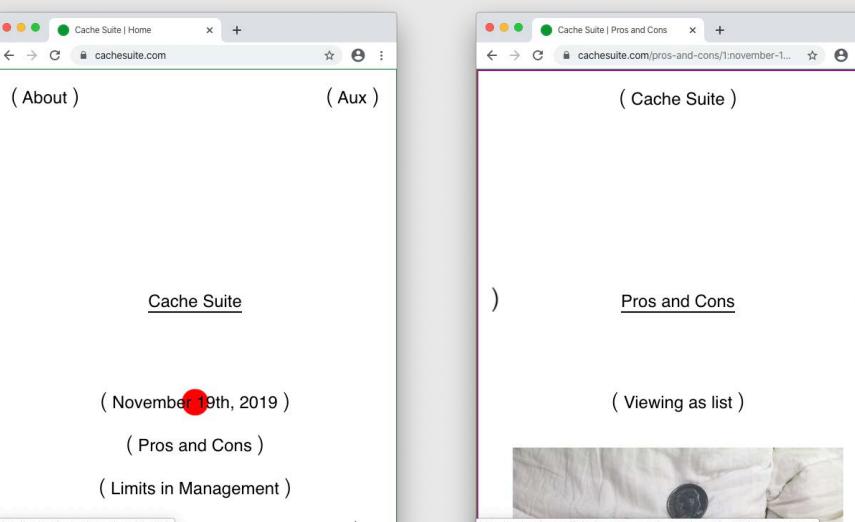
picnic.taichi.pink 2019, 6MB.

A digital map of 20,000+ publicly known picnic tables built on OpenStreetMaps.
A pin-like petal represents one table, while a flower represents a cluster
Taichi Aritomo (Design/Development)



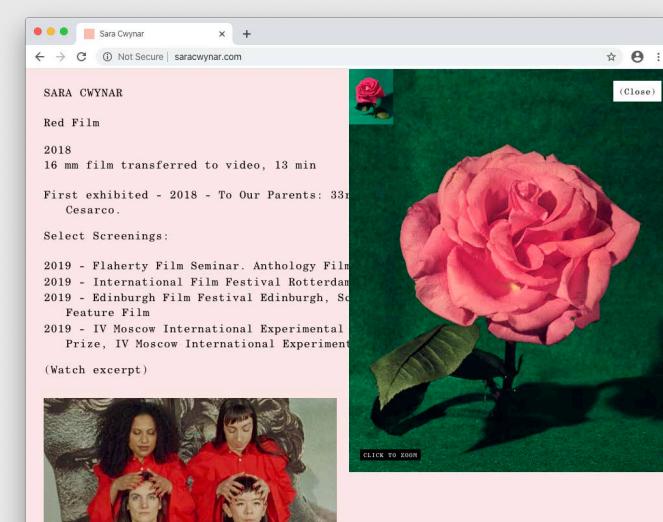
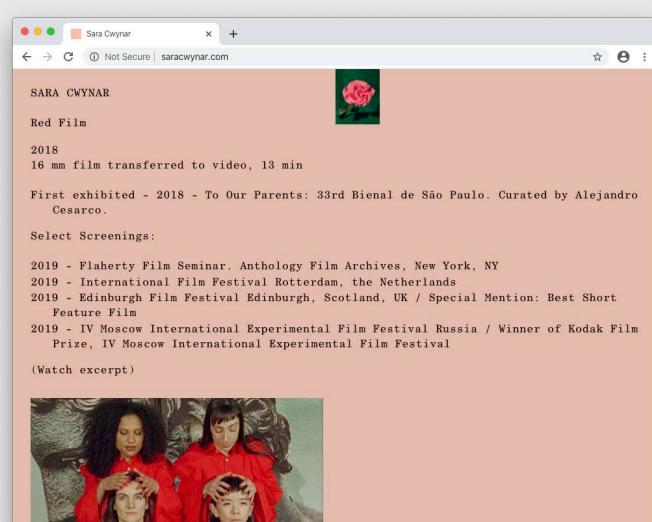
bentoism.org 2019, 115MB.

Workshop-in-a-website for making collective-conscious personal decisions,
for Kickstarter founder Yancey Strickler's book This Could Be Our Future.
Yancey Strickler (Content), Laurel Schwulst (Design), Taichi Aritomo (Development)



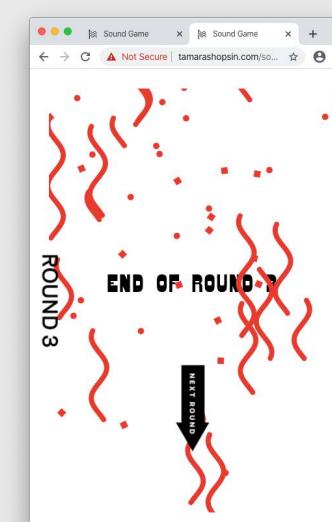
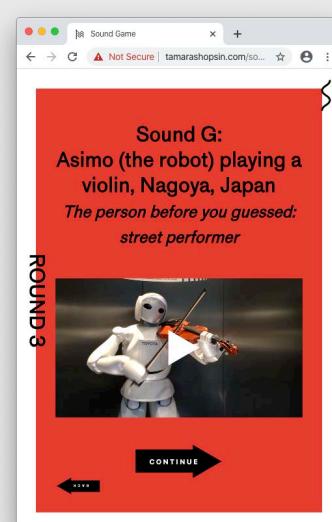
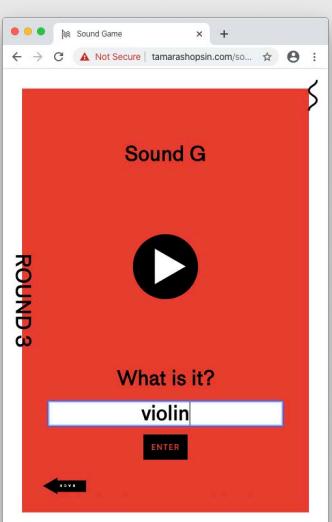
cachesuite.com 2019, 4GB.

A website for artist Aaron Noah Graham.
Each collection has an assigned color that stains the edge of the screen after it's viewed.
Aaron Noah Graham (Content), Taichi Aritomo (Design/Development)



saracwynar.com 2019, 309MB.

Website for visual artist Sara Cwynar.
Images that you open remain floating even when you leave for another page.
Sara Cwynar (Content), Laurel Schwulst (Design), Taichi Aritomo (Development)



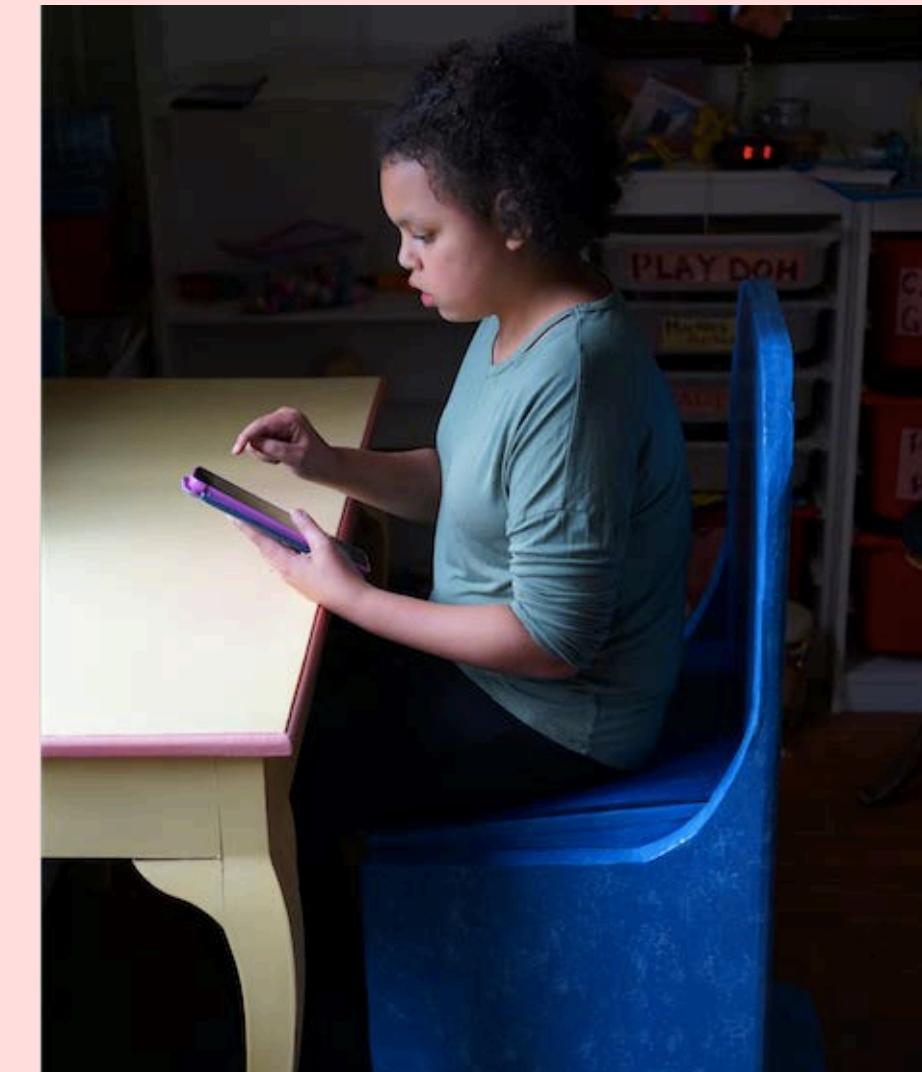
tamarashopsin.com/sound-game 2019, 2GB.

A guessing game of mysterious sounds from amusing videos.
Tamara Shopsin (Content and Design), Laurel Schwulst (Design), Taichi Aritomo (Development)

9. Adaptations — The Adaptive Design Association custom-makes objects with and for disabled people.



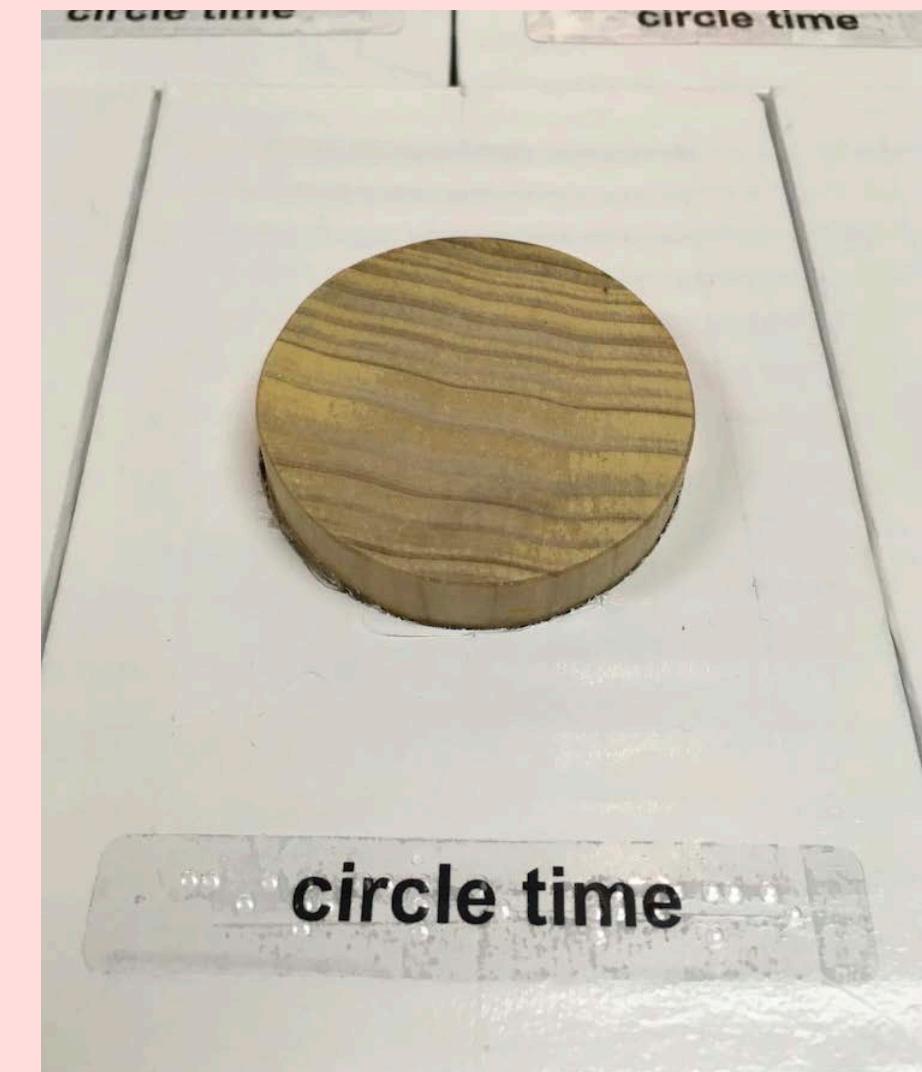
Plug in adaptations for standard school furniture.



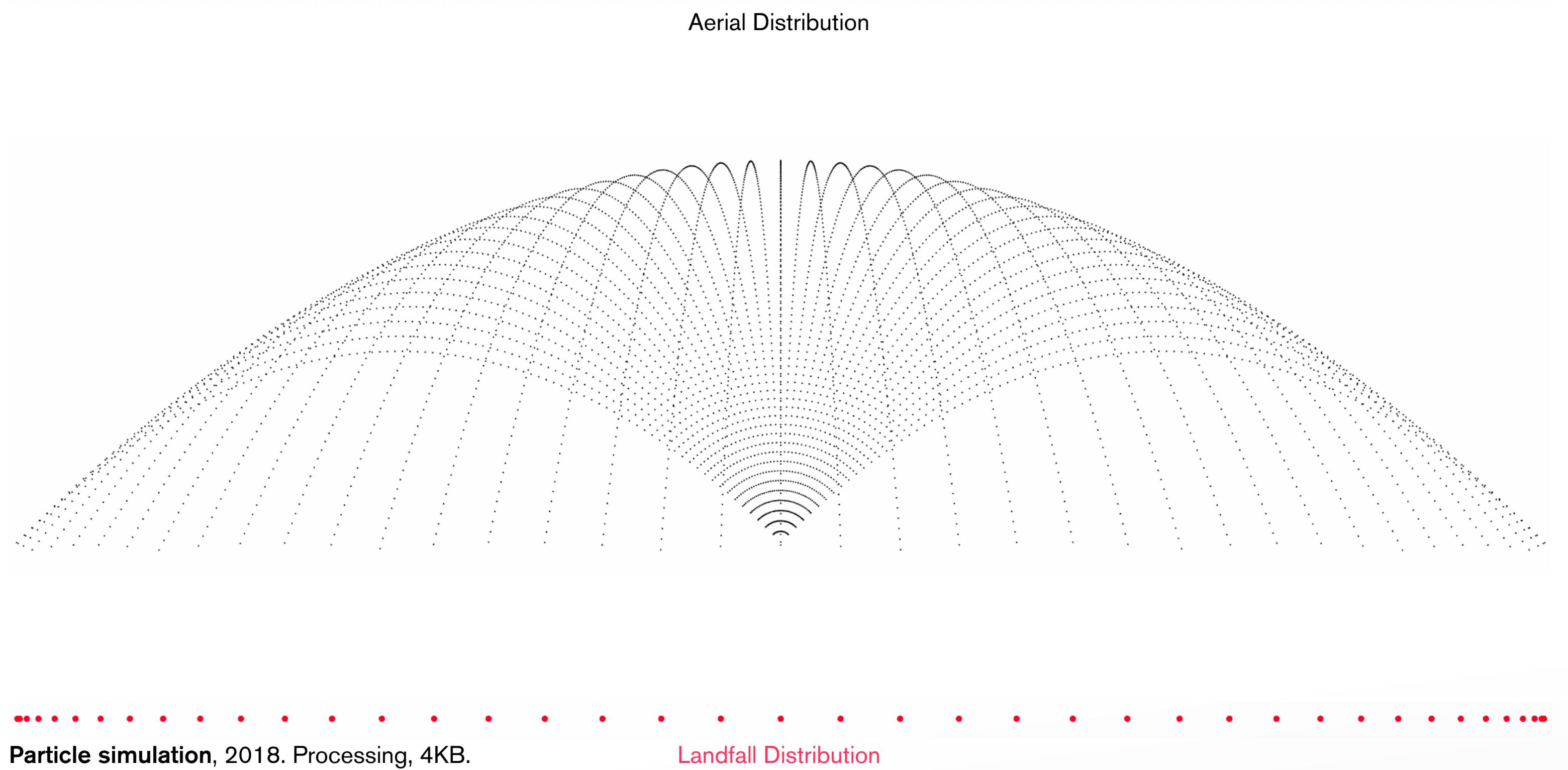
Steering adaptations for a power-wheel car to accommodate limited ranges of motion.
Toys reward practice of motor skills targeted by a child's physical therapist.



Cue cards used to teach Braille at schools for the blind.

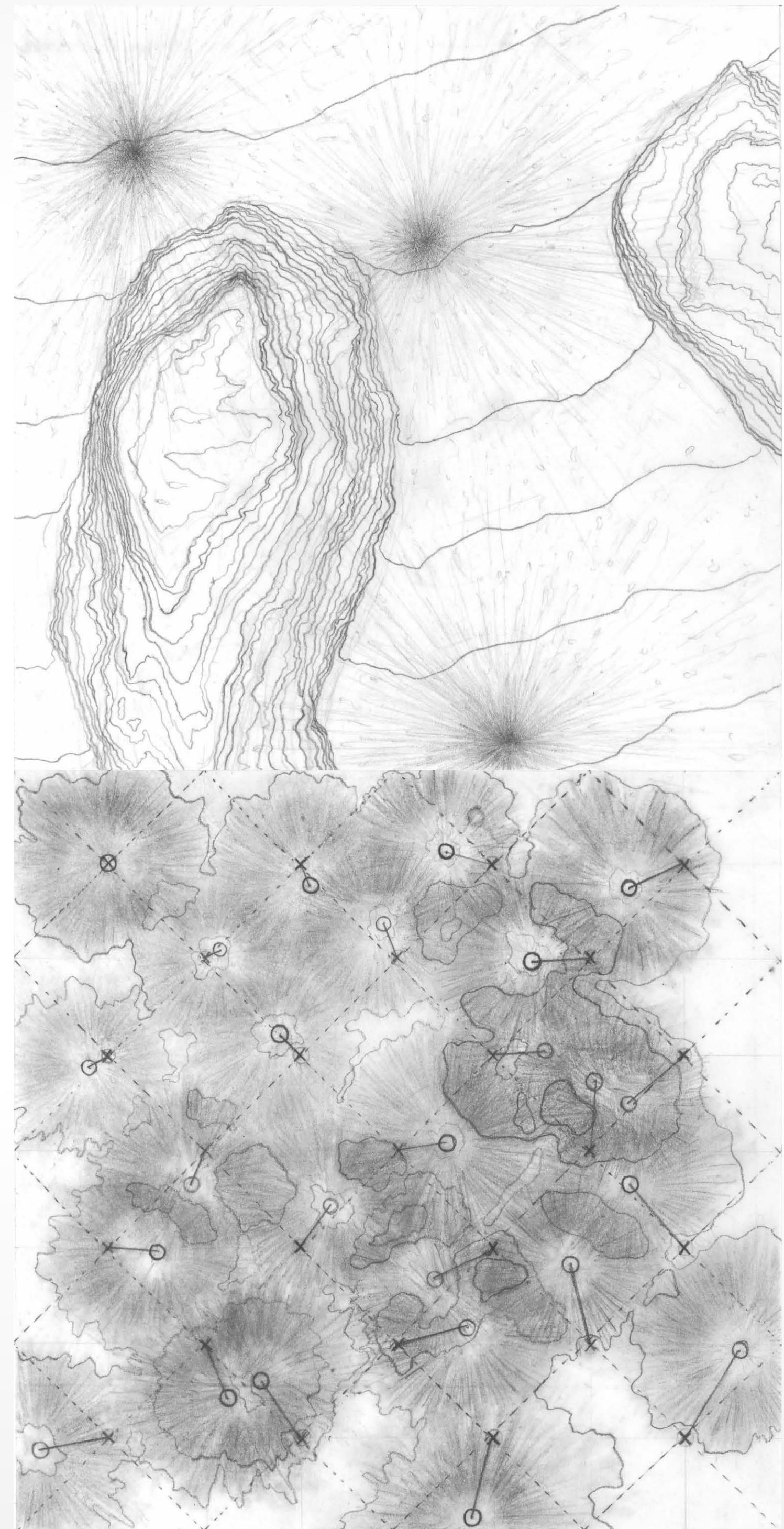


10. *Sprinkler* — Water from a sprinkler accumulates most densely around the edges, forming contours of flooding.

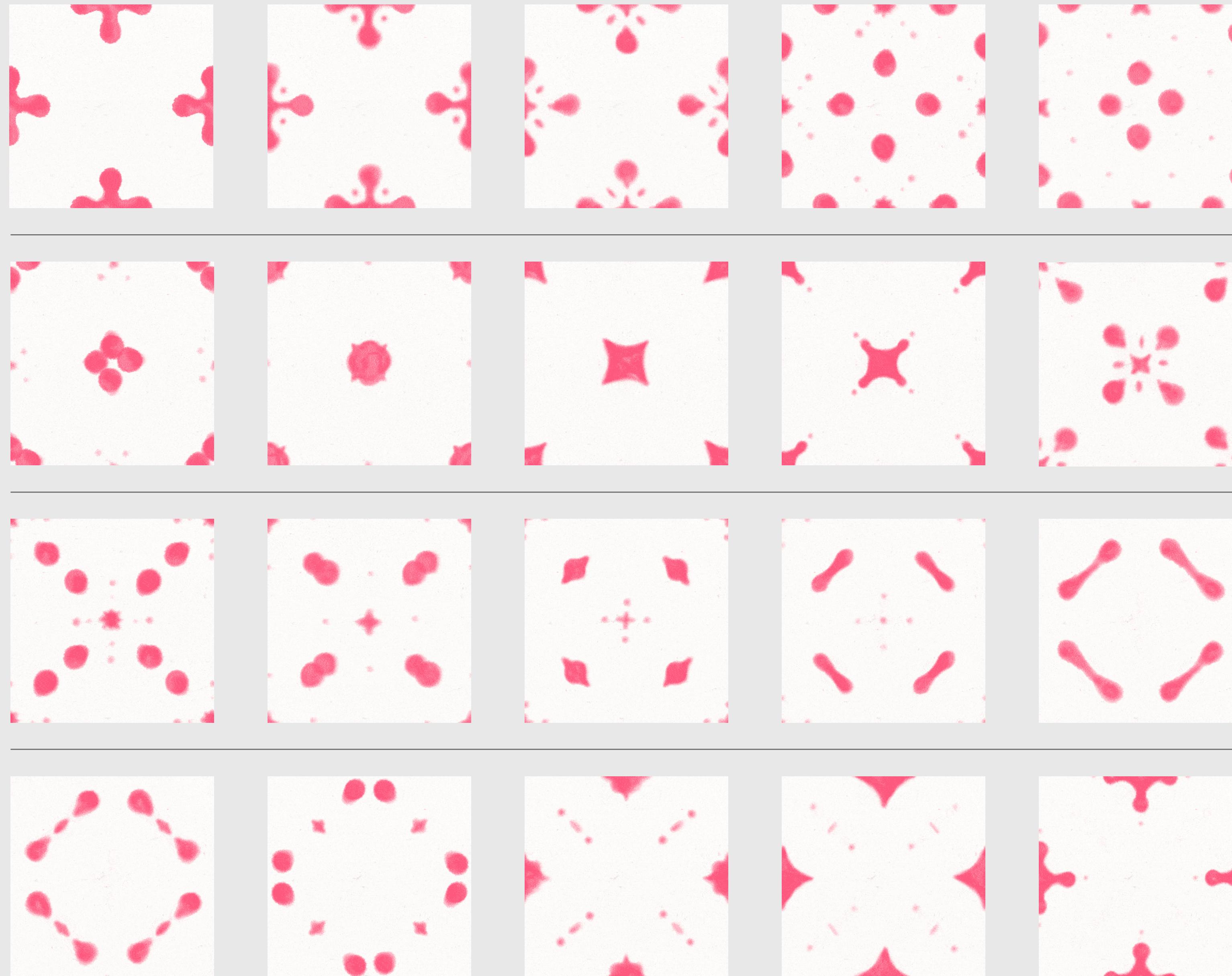


Contours of elevation and flooding, Tanner Fountain, 2018. Graphite, 8" x 8".

GSD Design Discovery. Instructor: Sonny Xu.



In a field without friction or gravity, a splash might never end.



Exchange Field I. Frames from an animated pattern tile. Digitally painted GIF, 800px x 800px.

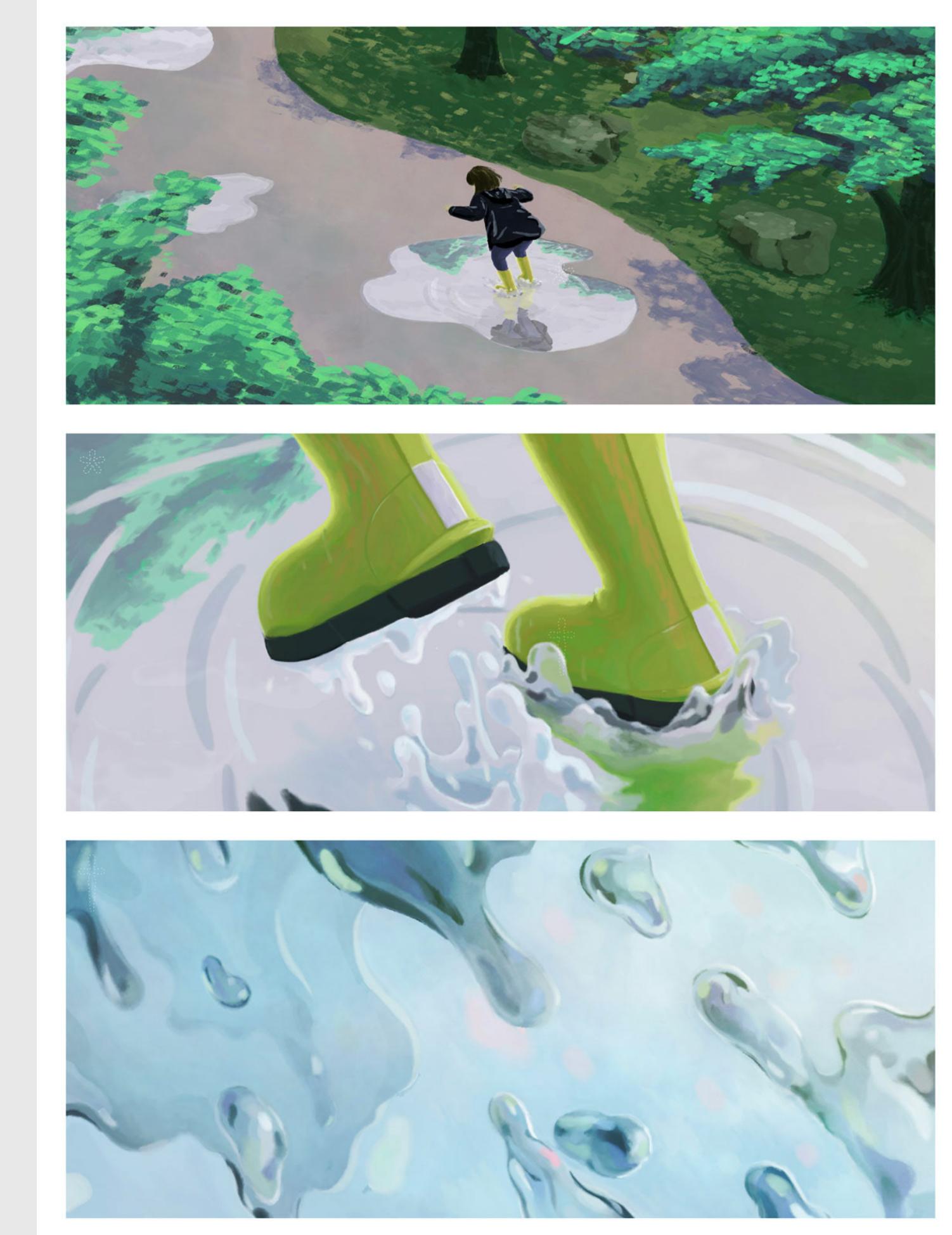
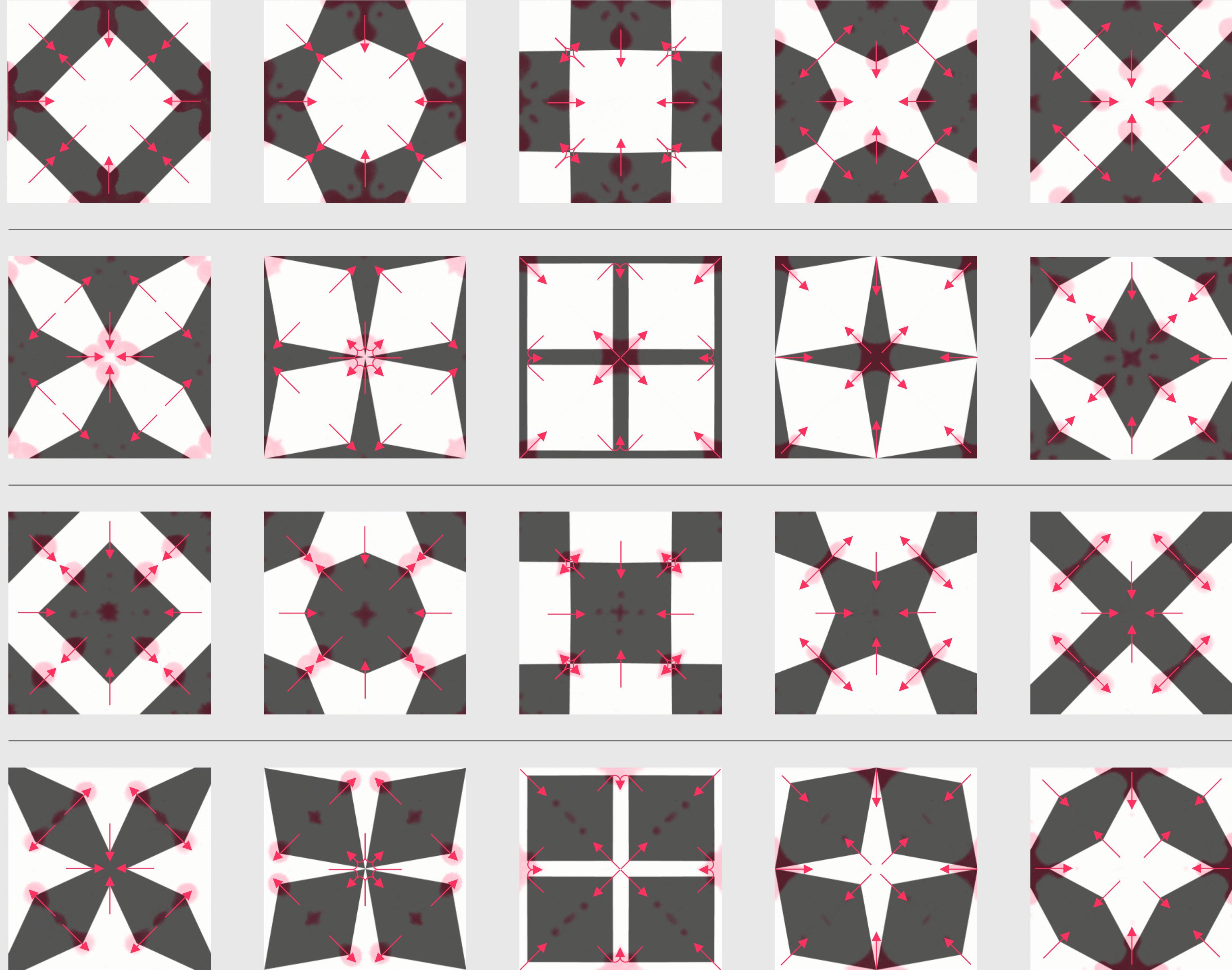


Illustration for an event poster, 2018. Digital painting, 24" x 36".

Between the droplets, spaces emerge, exchange, and collapse along the same vector cycles.

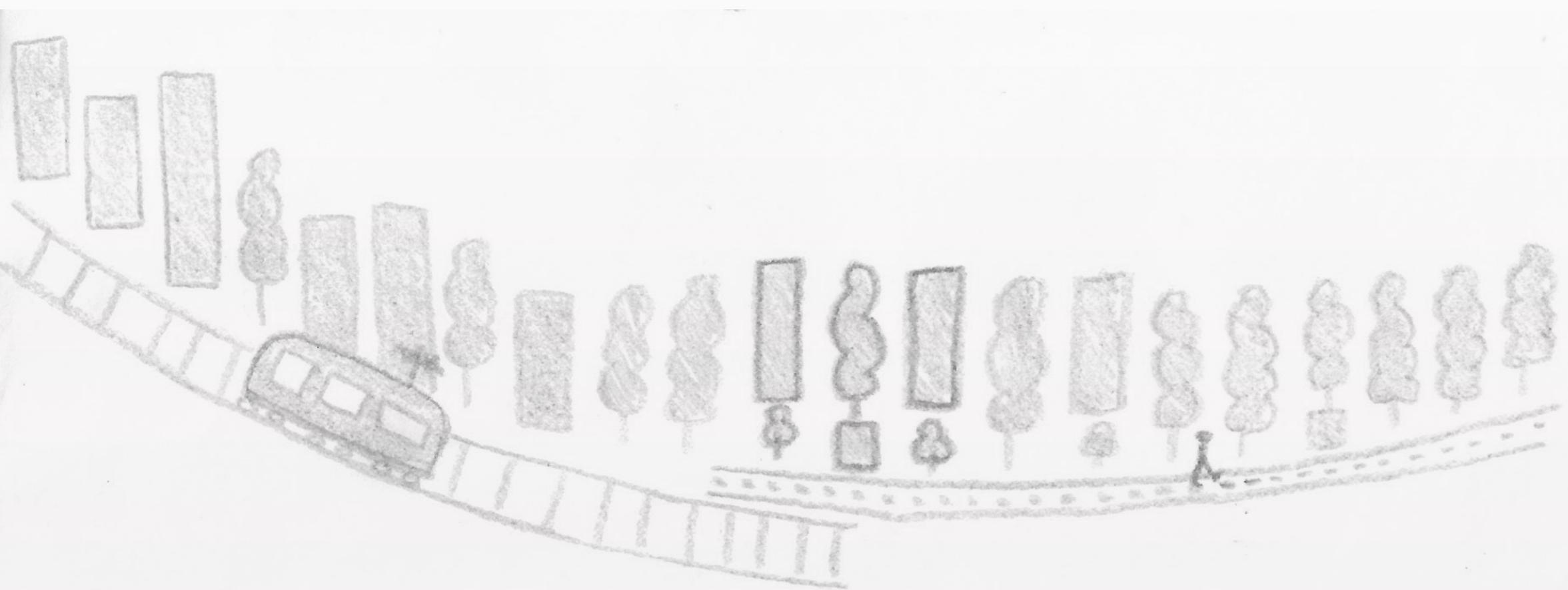


Exchange Field II. Frames from an animated pattern tile. Output of a cycle of continuous calculations at 60fps.

Source code, 2019.

Processing, 45KB.

13. *Forest Room* — In this project, we were asked to design a transitional room between two imagined places.



I imagined looking out the train window,
watching the buildings fade into trees...

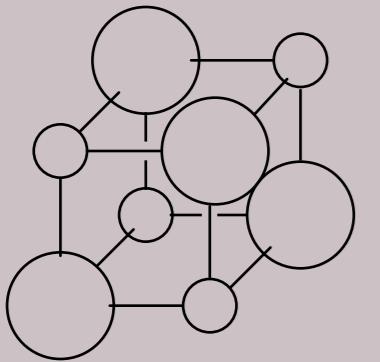
Arriving at the last stop, a forest reserve
where the trees sway with reflective seedbanks,
a dream of the city overlapping with the forest.



Model, 1:50. Mylar, steel wire, and basswood.

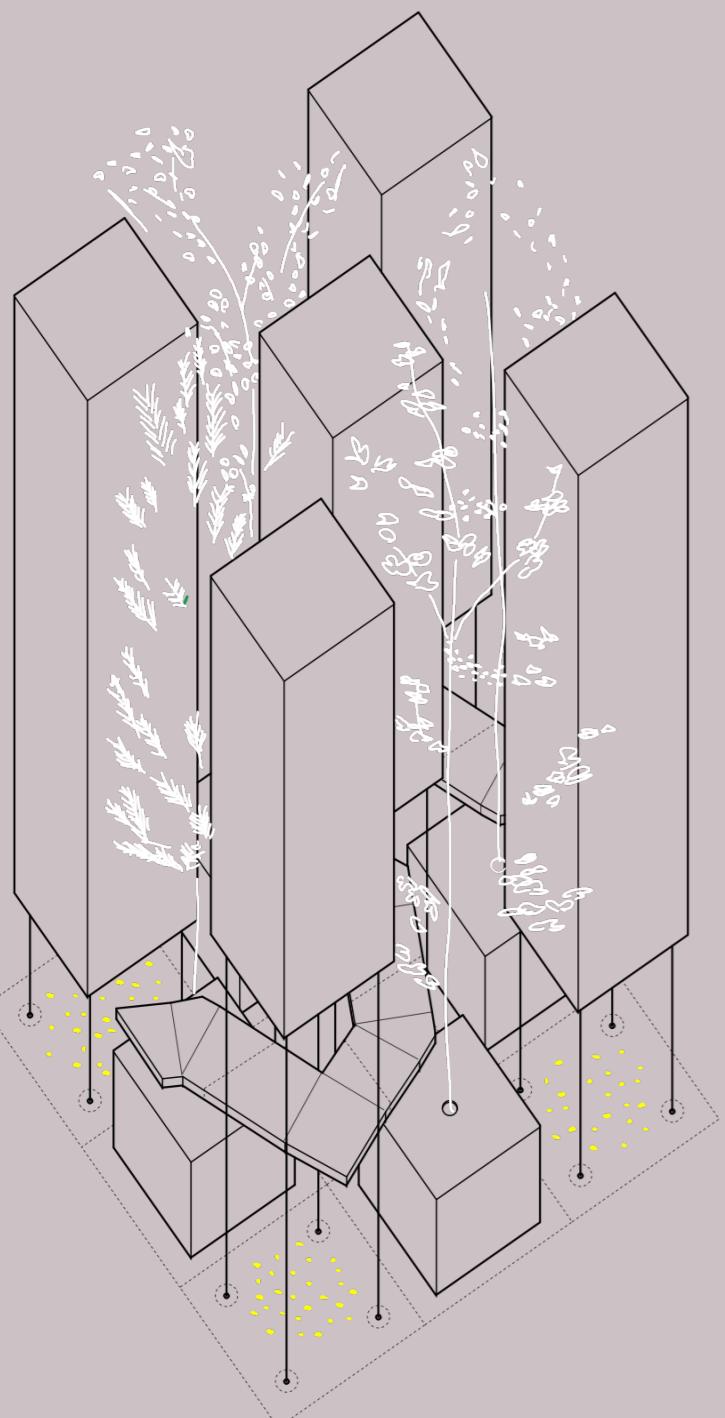
An alternating arrangement formalizes a hinge between two forces.

LOCAL RELATIONS



NaCl (Table Salt)

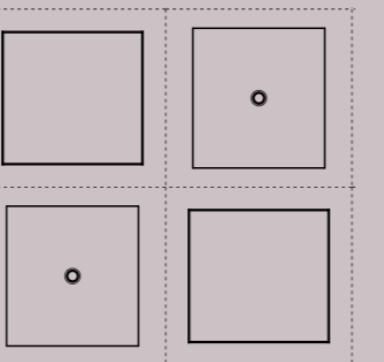
A simple rule of adjacent variation between sodium and chlorine atoms results in a dense but soluble crystal.



Forest Room

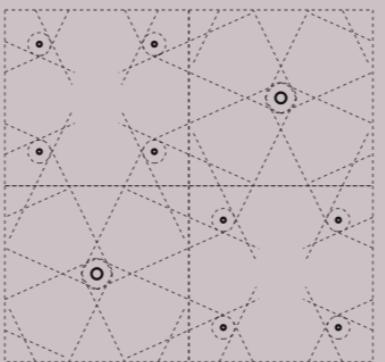
An alternating arrangement of seedbanks, planters, trees, and flowers; of being inside (underneath) and outside (in the air).

COMPONENTS



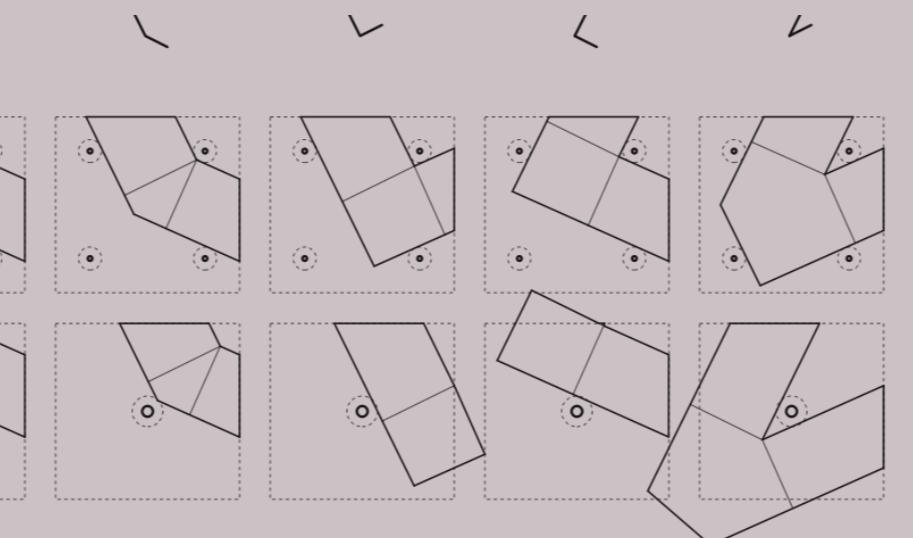
Adjacent variation

Seedbanks and planters have a ratio of 36:37 derived from the site, creating a subtle rhythm of short and long edges.



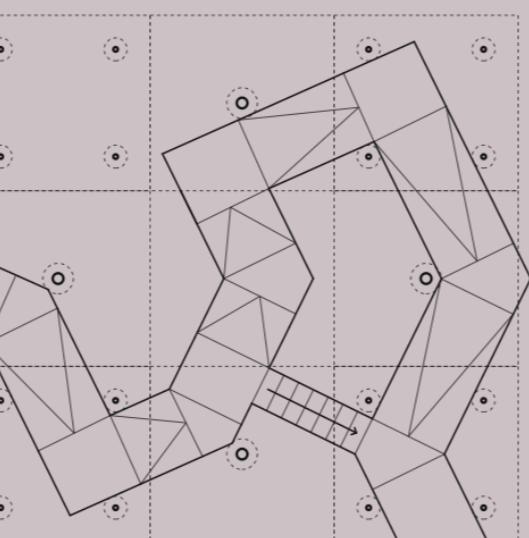
Weaving

Movements of circulation are limited by obstacles.



Grammar

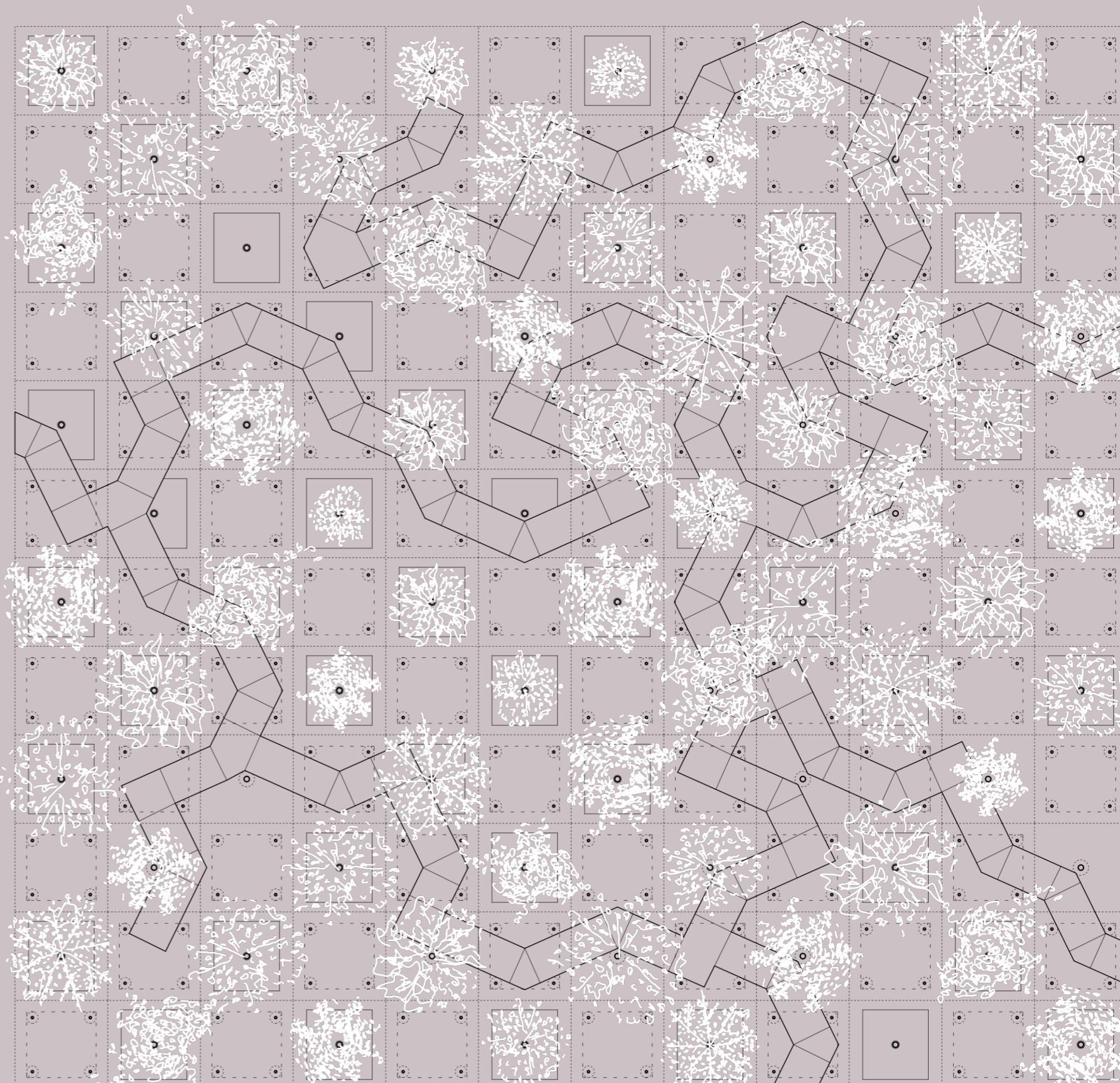
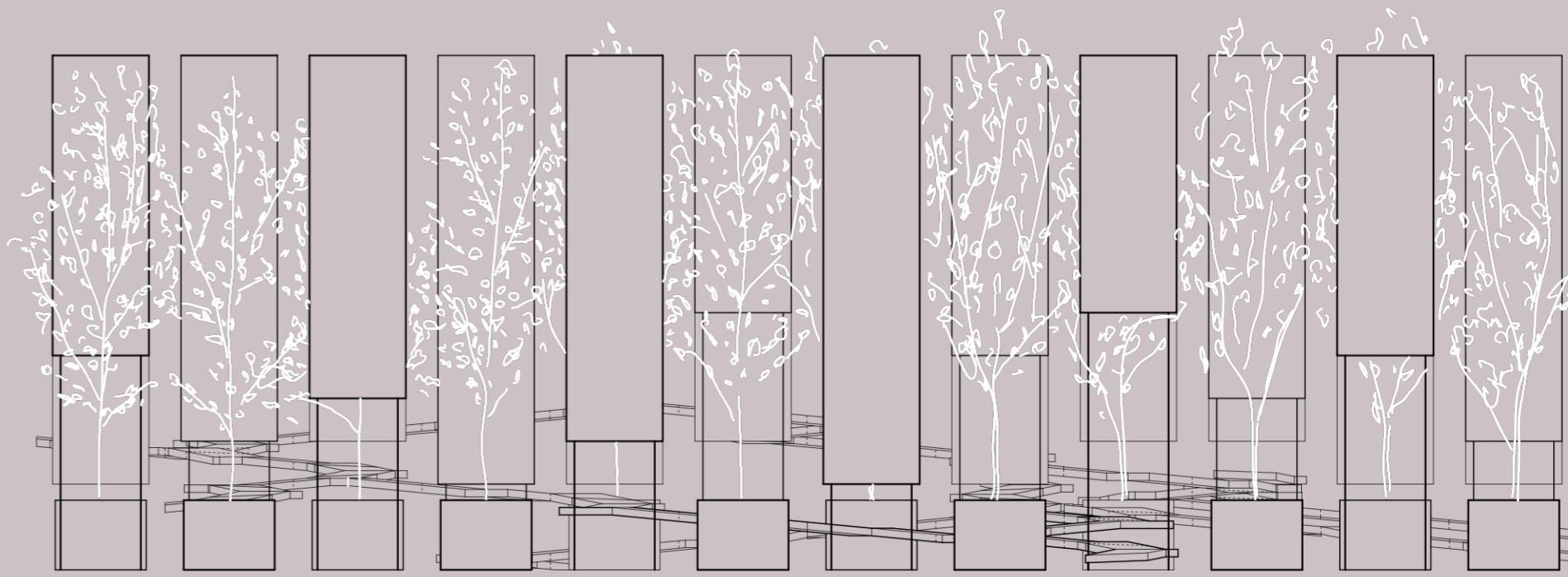
The weaving motions define a family of ramp components in which one determines the candidacy of the next.

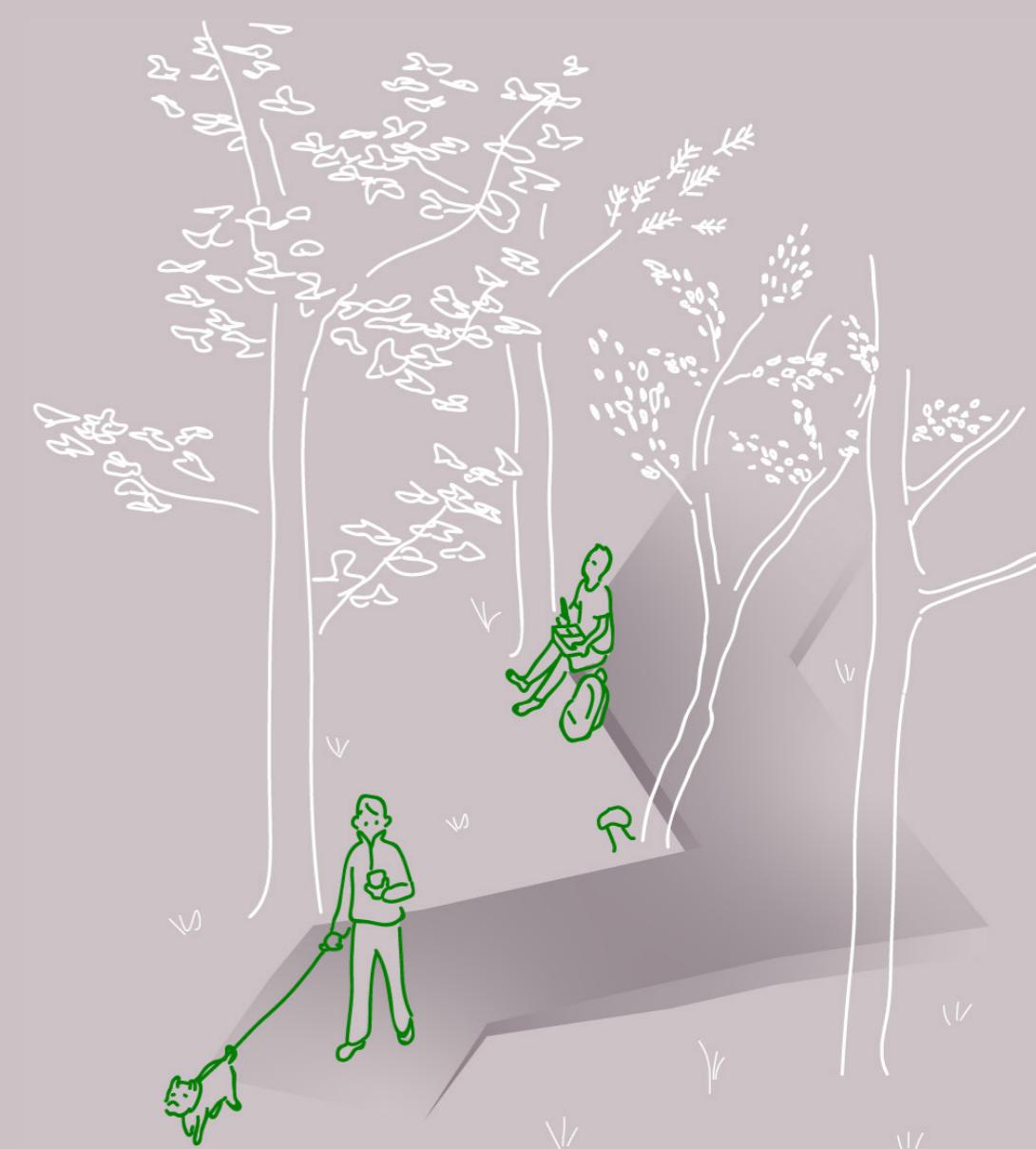
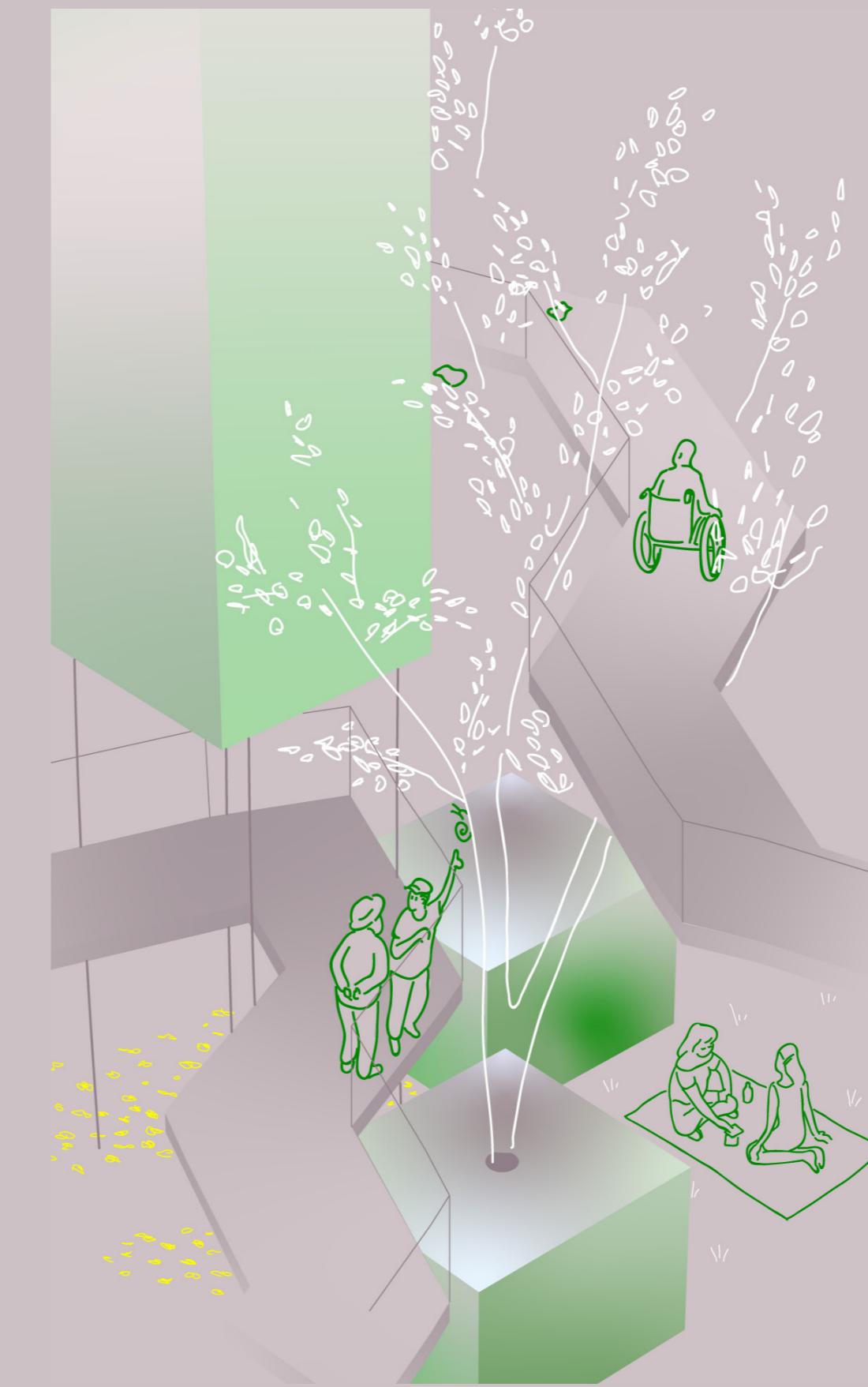
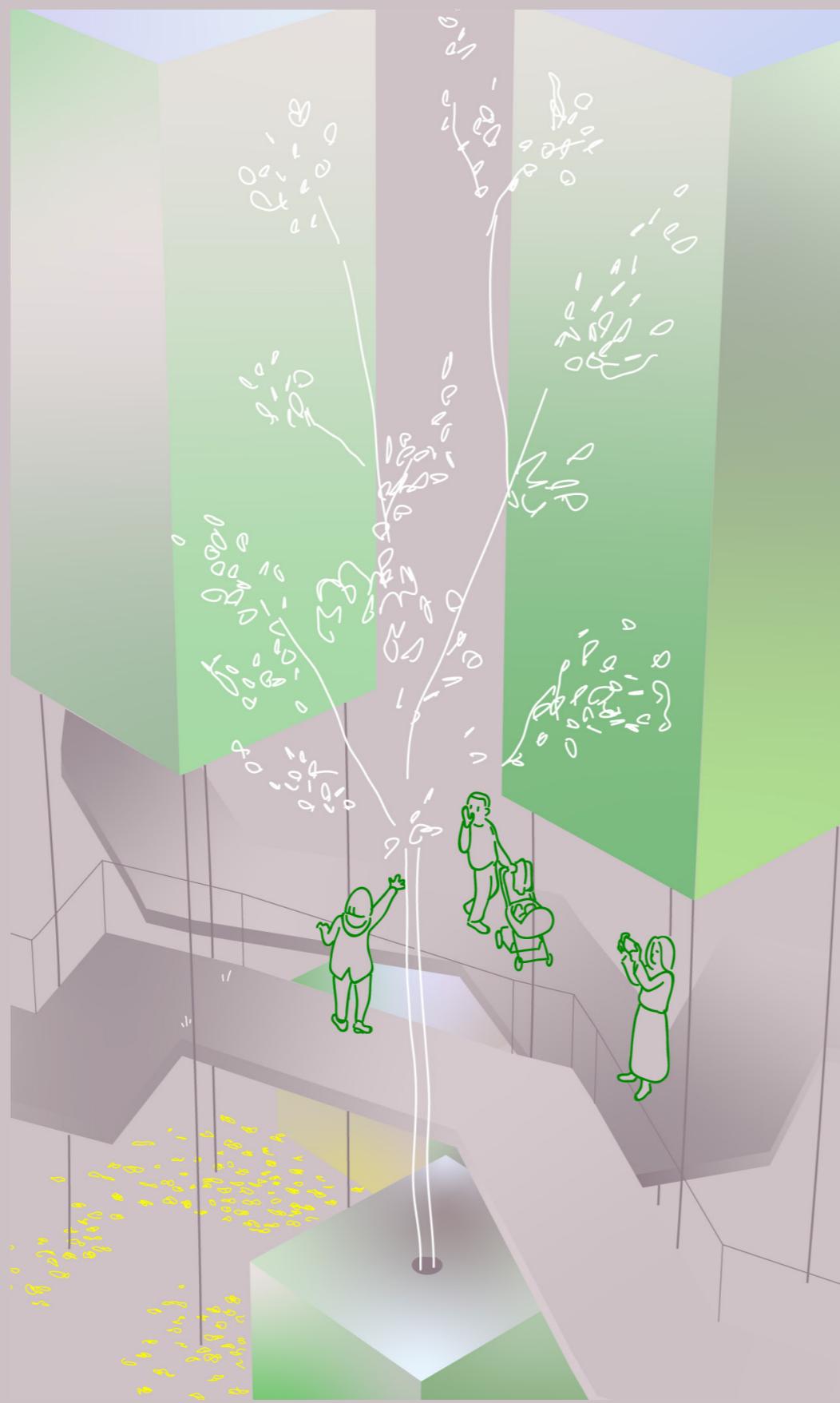
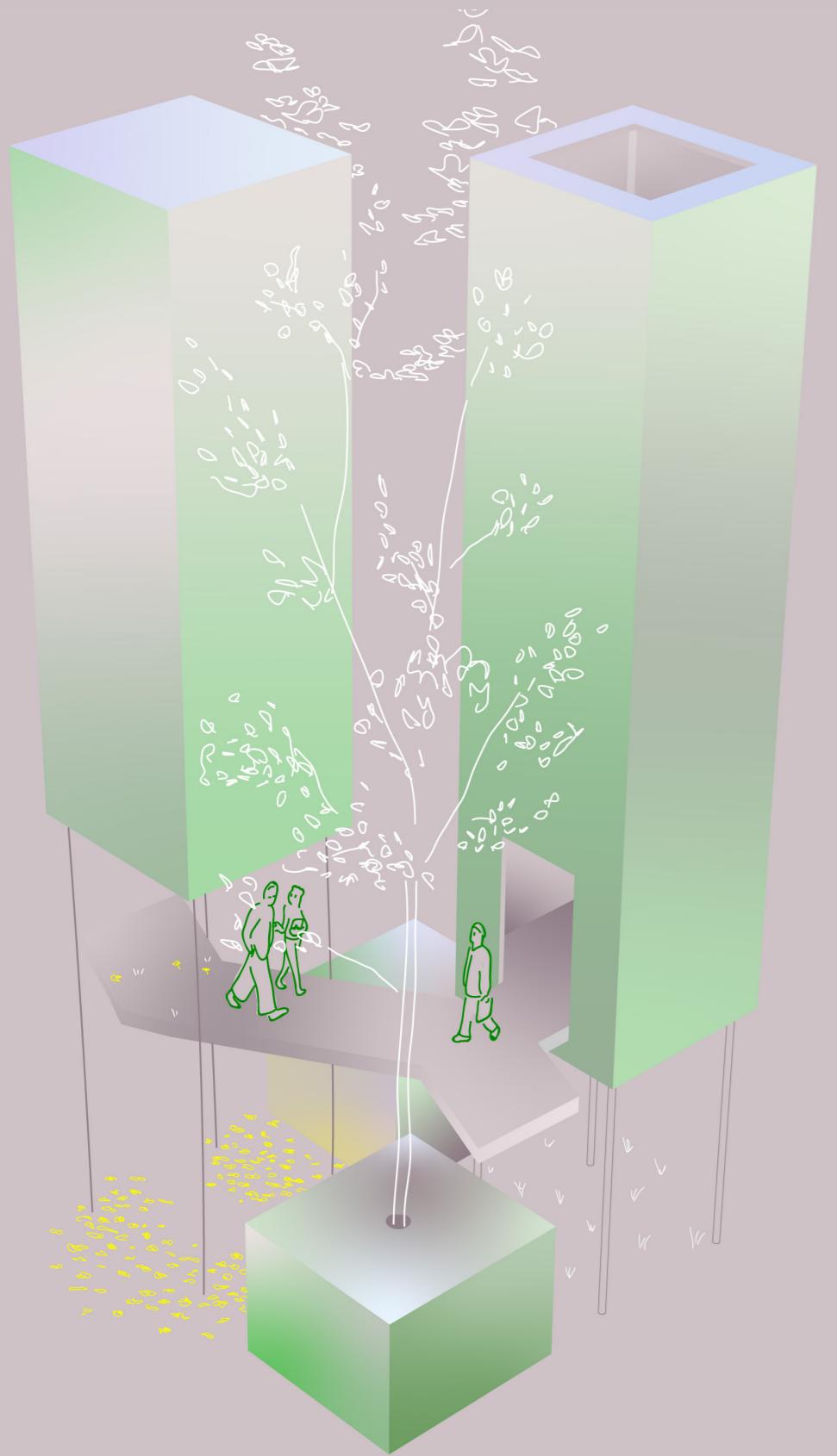


Phrases

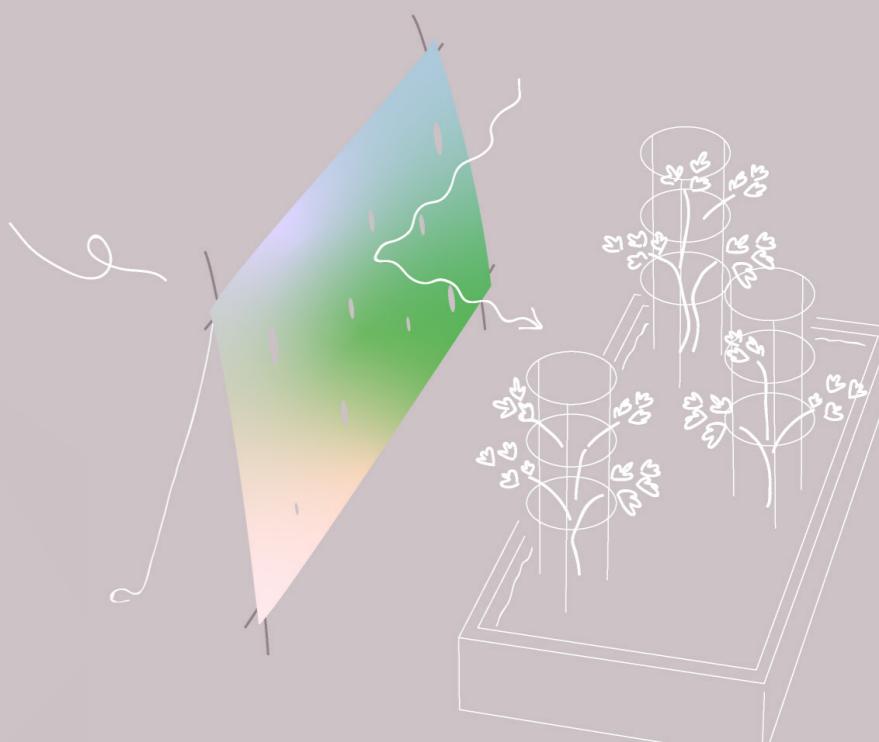
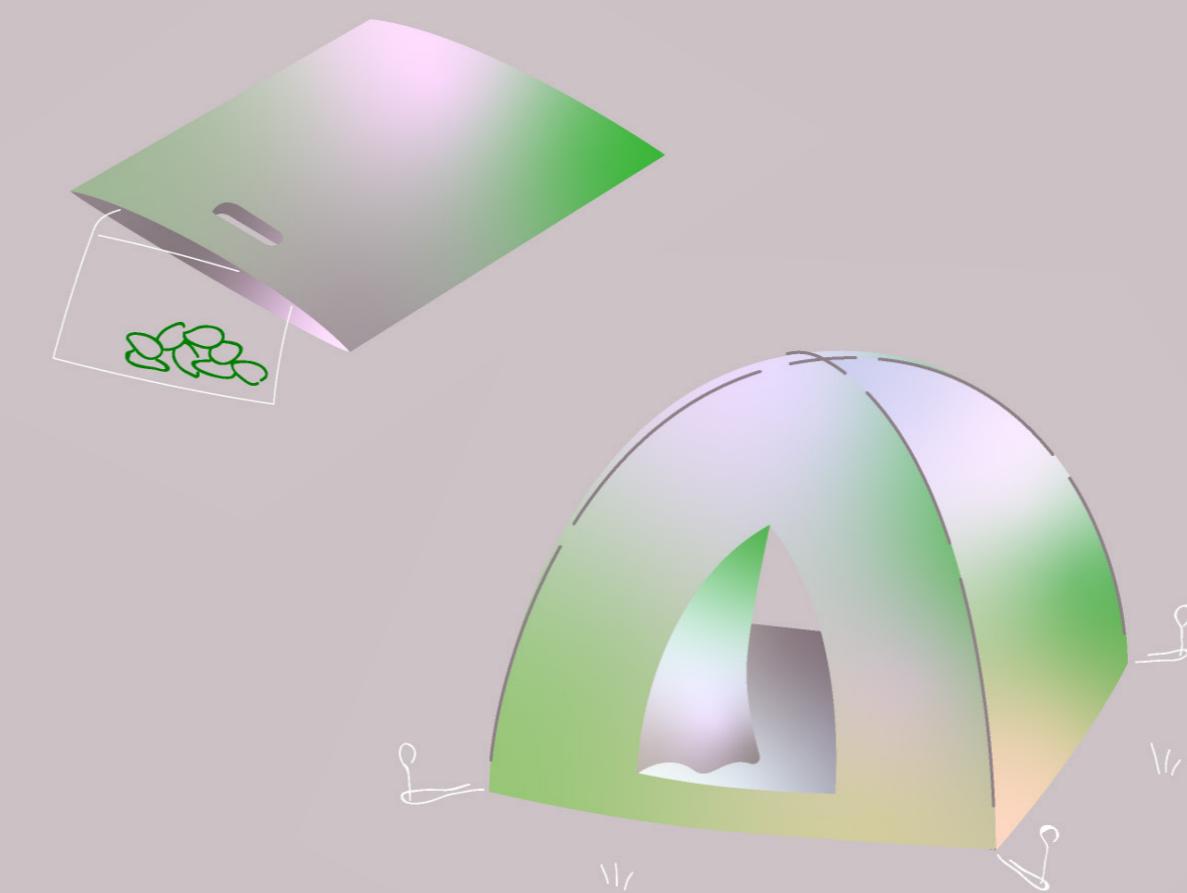
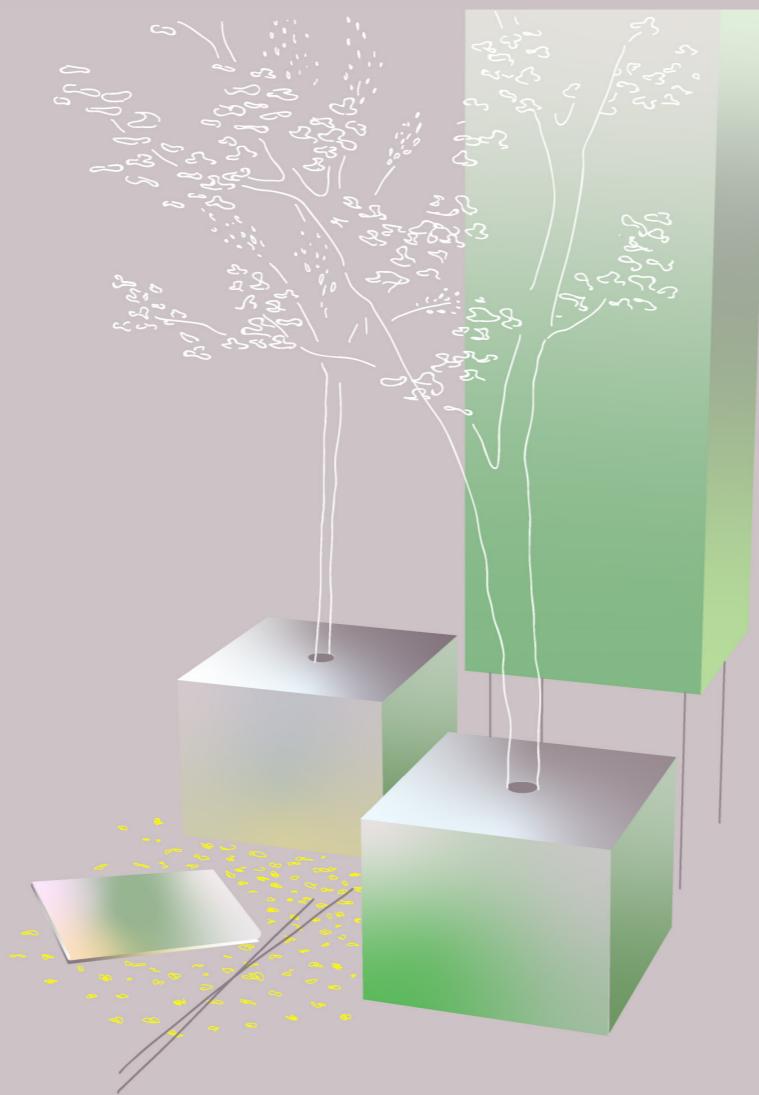
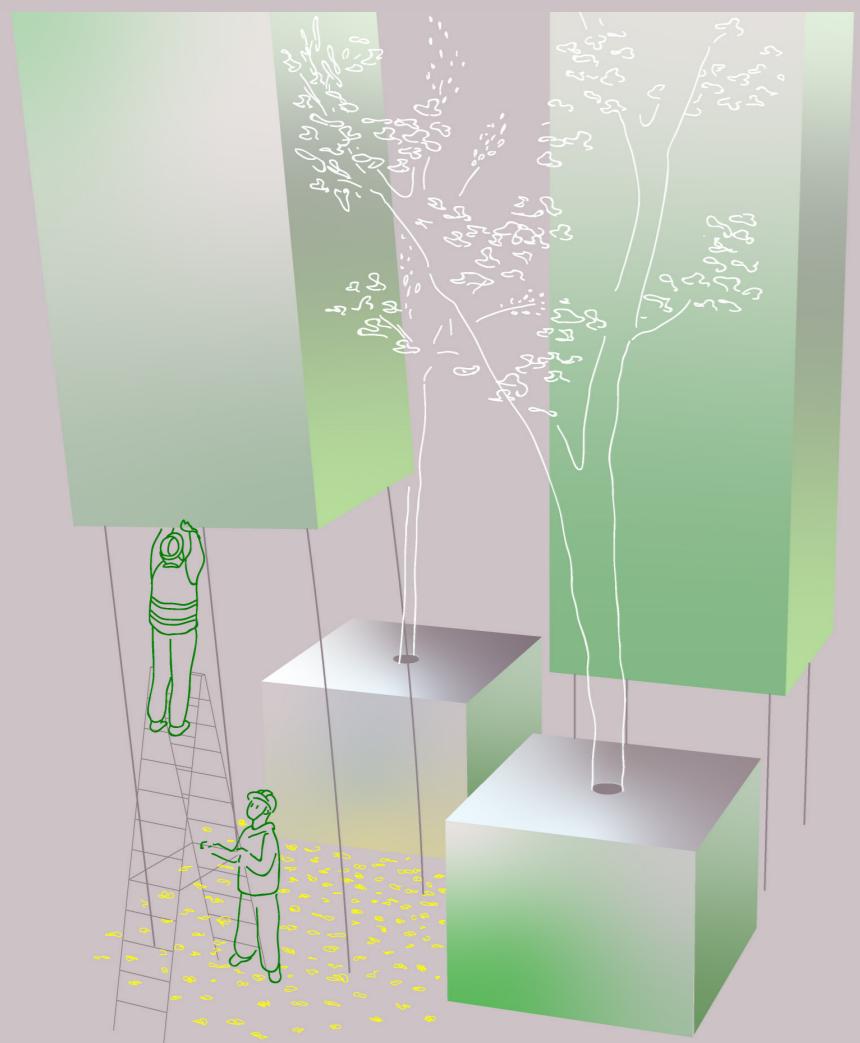
Tight turns might create a "slow" moment, while steady straightways can create a "fast" one.

ASSEMBLY



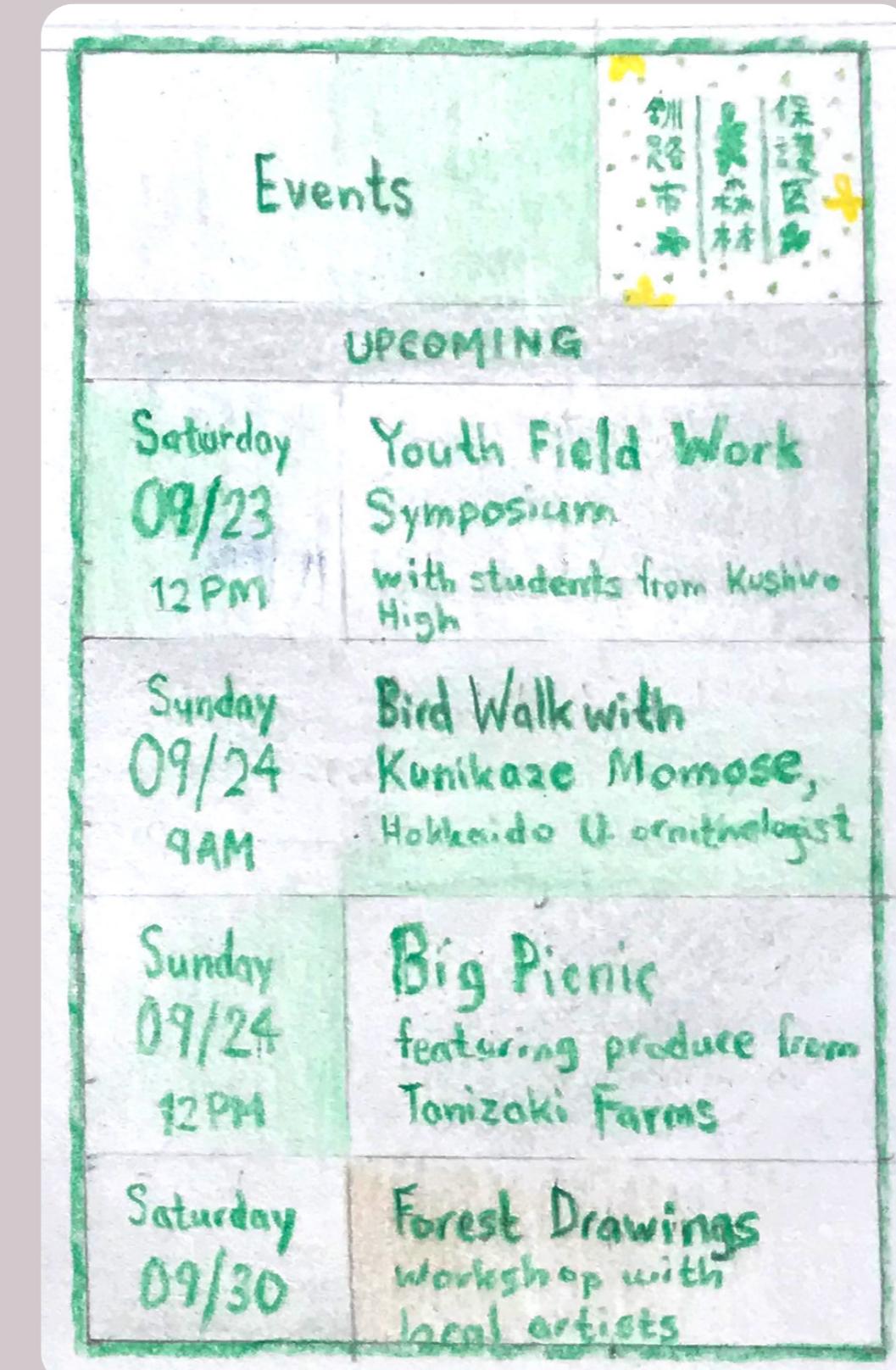


MOMENTS — As you wander further from the station, architectural elements are missing here and there, until they are all but gone.



NEGOTIATIONS — If we let a tree grow into the space of a seedbank, its materials can find new life in the forest reserve economy as gift bags, camping tents, and garden walls.

A forest reserve at the edge of the city is an opportunity for eco-tourism and cross-generational programming.



Website Sketches, 1:1. Colored pencil on paper.

17. *Center for Civic Engagement* — In this project, we were asked to design a space to house conversations of different sizes.

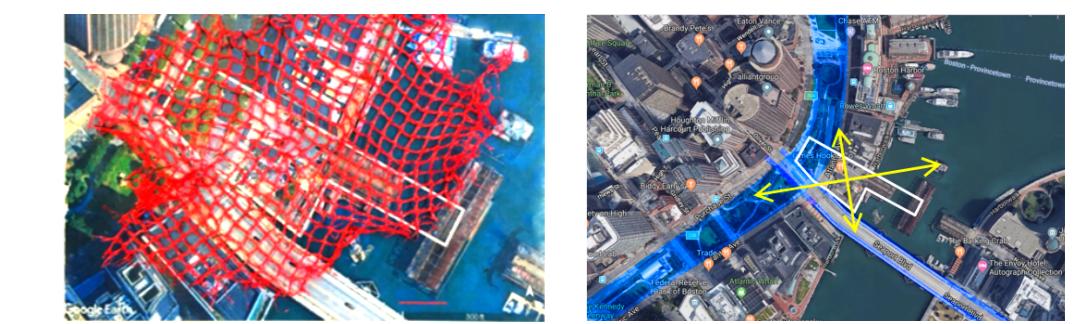
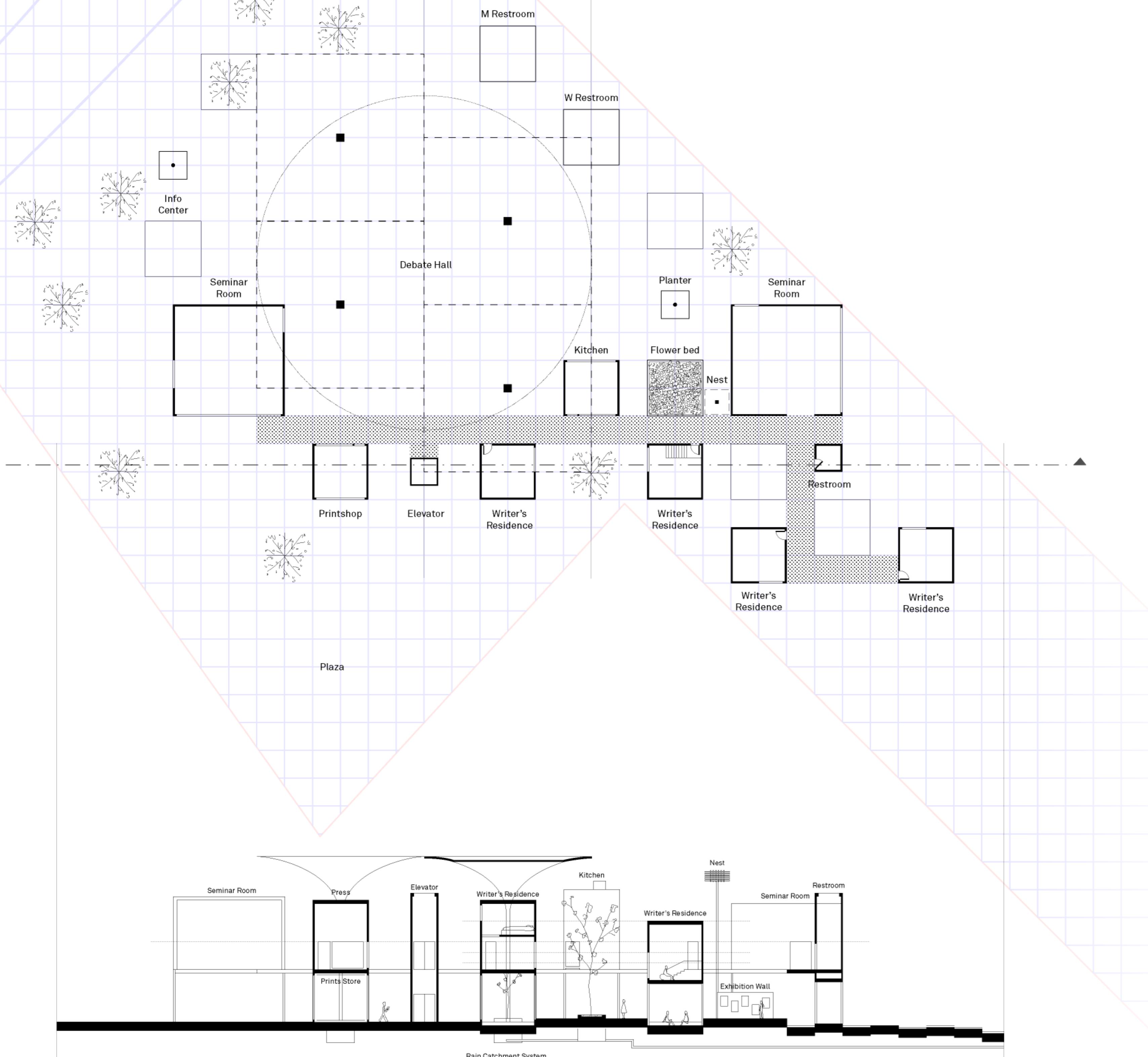


Model Family, 1:200.

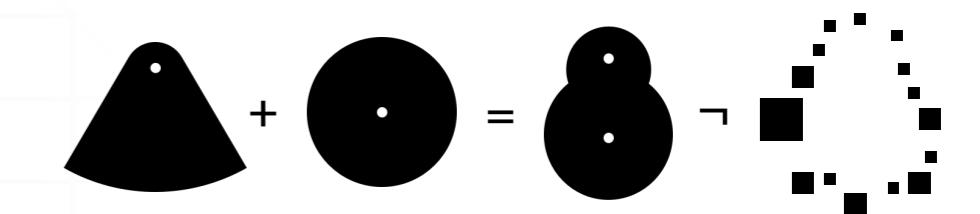
- 1 Restroom
- 2 Seminar Room
- 3 Seminar Room
- 4 Prints Store
- 5 Writer's Residence
- 6 Women's Restroom
- 7 Kitchen
- 8 Shower
- 9 Men's Restroom
- 10 Writer's Residence
- 11 Elevator
- 12 Restroom
- 13 Info Center
- 14 Writer's Residence

Jane Jacobs wrote that regularly seeing the same faces can build networks of trust in the city, even between people who wouldn't otherwise be friends.

I believe that these informal encounters within a diverse public could be a first step toward bridging ideological divides, but only if these meetings occur unplanned, without objectives, but in passing.



Context
Axes aligned to draw surrounding movements through the space.



Massing
A large conversation space is opened in the void between the smaller ones.

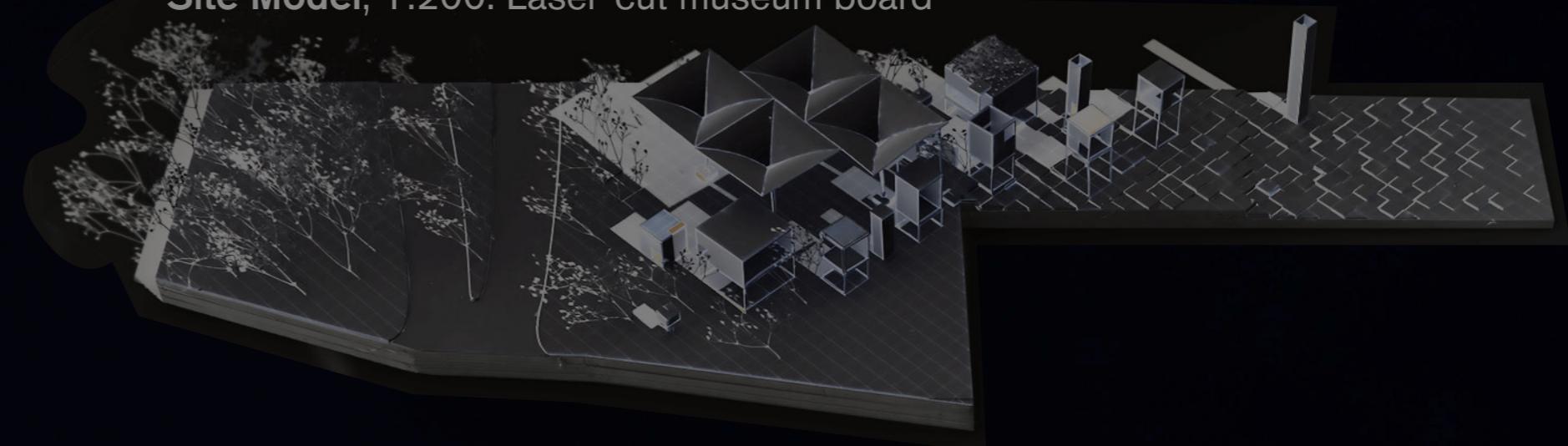
Plan, 2F
A porous arrangement allows people to pass through the space as a park between the Emerald Necklace and the Boston Harbor.

Section
Recesses underneath buildings can provide intimate but unenclosed spaces for impromptu conversations.

Dithering, a computational method for creating binary gradients.

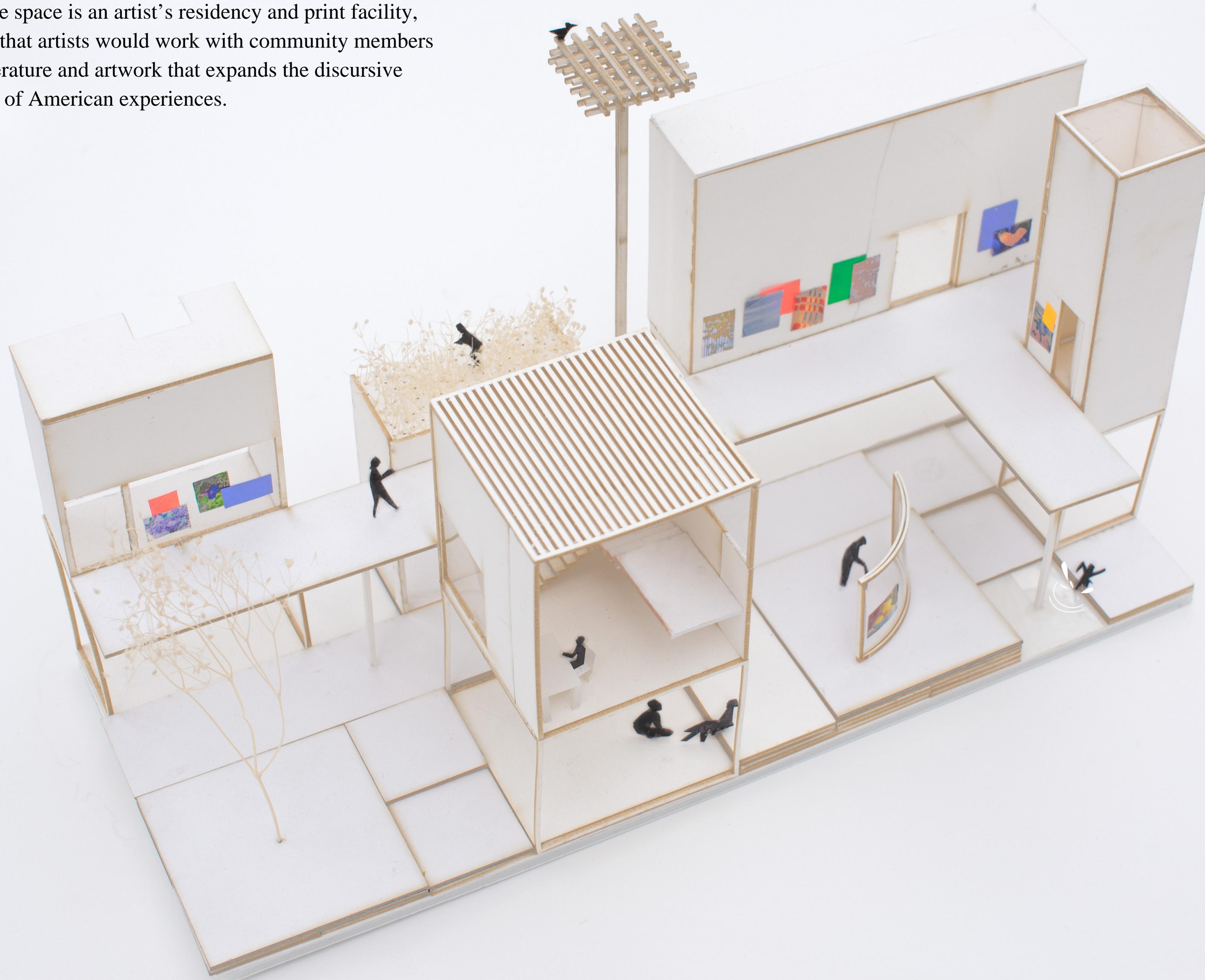


Site Model, 1:200. Laser-cut museum board



The terraced grounds descend into the Boston harbor, forming tidal pools throughout the day.

Mixed with the space is an artist's residency and print facility, with the hope that artists would work with community members to produce literature and artwork that expands the discursive representation of American experiences.



Section Model, 1:50. Laser-cut museum board, mylar.