

Zoe Zandbergen
Portfolio of Work

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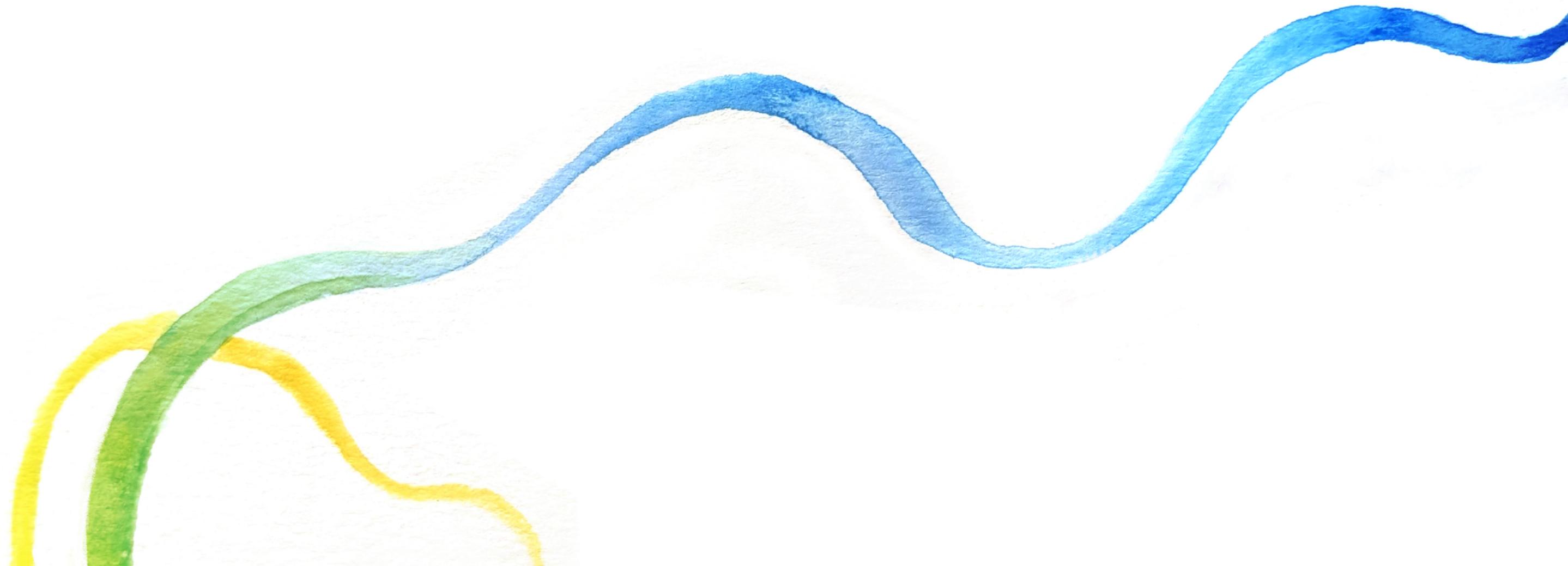
About

Zoe Zandbergen is a freelance designer based in San Jose, CA who works in digital illustration and 3D modeling, ceramics, woodworking, textiles, and watercolor.

BA in Engineering and Studio Art from Smith College; passionate about functional spaces and the overlap of craft, design, and play.

This portfolio is presented as a concise overview of selected work, while zzandbergen.com contains more detailed documentation of projects.

Drawings & Wayfinding



Sierras Watercolors

En plein air watercolors formatted for print as a "zine."

Below: the opening spread.

Every year, my dad tries to go on the same hike, a 25-mile stroll out and back through the Sierras to stay at a remote ranch. In 2018, I tagged along.

ME in 2018

- athletic experience: 1 semester badminton
- just graduated college + idk how to have feelings and not groats
- secret belief I'm a special kind of human that's just worse
- likes to DRAW

sunhat
fancy lil bandana
sunshirt
sungloves
shorts technically intended for yoga
knees out
wool sock
gaiters (keep rocks out of shoes)
Trusty STEEDS

TA-DA! SAME PERSON DRESSED UP!

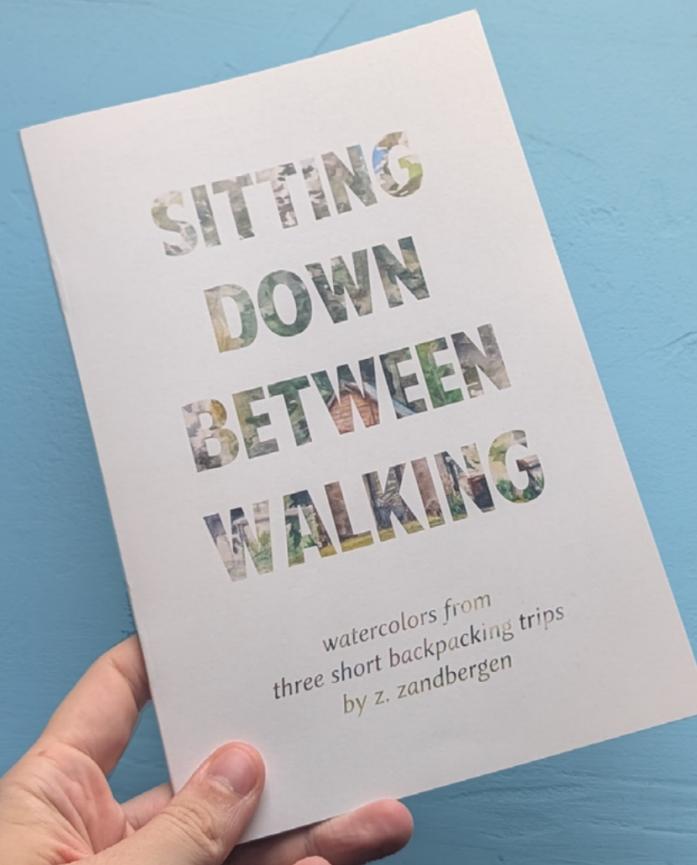
PLUS ALL THAT

URSACK (flex bear can)
STOVE KIT etc
FOOD in the bear can as it should be
QUILT, UNDERQUILT, HAMMOCK, RAIN FLY.
WATER FILTER
herbal bug repellent
bug net (for head)
POOP KIT!
STRAPS TO PUT UP HAMMOCK (CRUCIAL!)
SIT PAD (foam for sitmat)
BACKPACK
PHONE etc
ART?
bandages
puffy jacket for warmth
warm, clean underlayer for sleeping and cold joints
clean clothes (luxury!)
birth control
ibuprofen
big scapline that says "I think you are doing a good job" (2022-2019)



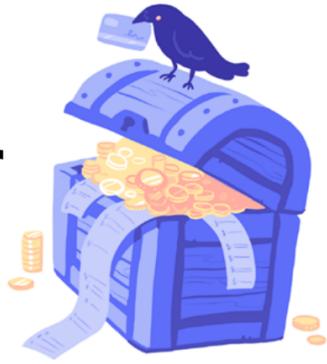


Above: my tools.
Left and below: more paintings.
Right: the compiled zine.



Springfield Choose Your Future Planner

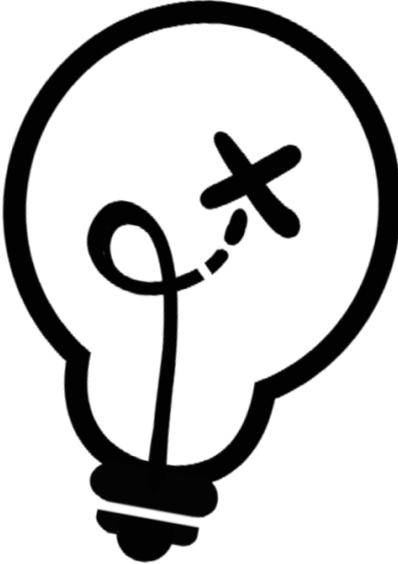
A planner illustrated for Project SPARC to help young adults more ably quest into adulthood.



Maker's Map

The Smith College Maker's Map (<http://smithmakersmaps.com/>) is a living document of spaces on the Smith College campus where students can make, whether digitally or tangibly. It is maintained by the Smith Design Thinking Initiative.

I provided logo and icon design, illustrations, and layout guidance.



Above: logo.

Right: a screenshot of the online interactive Maker's Map.

MAKER'S MAP
DESIGN • CAPTURE • BUILD

FILTER

- 1 CONWAY CENTER
- 2 SPATIAL ANALYSIS LAB
- 3 CENTER FOR DESIGN AND FABRICATION
- 4 DESIGN THINKING INITIATIVE STUDIOS
- 5 CREATIVE CO-OP @ THE JANDON CENTER
- 6 RESOURCE ROOM
- 7 IMAGING CENTER
- 8 GAMING LAB
- 9 HILLYER WOODSHOP
- 10 SMITH MEDIA STUDIOS
- 11 ENGINEERING STUDIO
- 12 MECHANICS PLAYGROUND
- 13 THEATER SCENE SHOP
- 14 COSTUME SHOP

KEY

- ARTS & CRAFTS
- TOOLS & FABRICATION
- DIGITAL MEDIA & SOFTWARE

ABOUT US
We are a collection of making spaces across campus open to the Smith community. What can you make? Prototypes, videos, computer games, protest signs, clothing... and much more! If you have an idea, we can find a way to make it tangible.

MAKER'S MAP
DESIGN • CAPTURE • BUILD

LEARN ABOUT THIS PROJECT

DESIGN THINKING INITIATIVE SMITH COLLEGE



Playful Objects



Clayfellows

Clayfellows are ceramic sculptures with interactive elements.

Their coin faces can be removed to access storage for trinkets and flipped to show a second side of the face.

Many sculptures include smaller sidekicks meant to be moved around or fidgeted with.

Through a combination of whimsical subject matter, cute-but-not-too-cute personality, and intriguing glazes and textures, Clayfellows have connected with many people. Sales on the Clayfellows webstore have frequently sold out more than a hundred sculptures in less than ten minutes.

I have been creating Clayfellows since 2019.





Above: Clayfellows business card, patch, and sticker, plus one small Clayfellow.

Left: a selection of sculptures from 2022 through 2024.

Below: online storefront.



🛒 0 items \$0.00

Shop

- Search Products
- Products
- Flat Things & Paper Goods
- Small Clayfellows
- Small Beasts
- Medium Fellows
- Bigger Fellows
- Imps



PSA
\$0.02 Coming soon



Clayfellows Stickers - Day
\$8.00



Clayfellows Stickers - Night
\$8.00

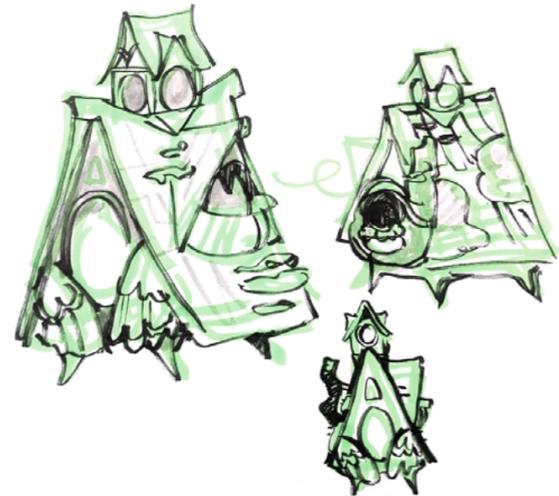
Clayfellow Commissions

While most Clayfellows are made to my own whims, I sometimes take custom commissions.

This mending wizard was commissioned by a sewist who leads classes on visible mending. Its needlefelted tomato functions as a tiny pincushion.



This lively house features needlefelted and hand-knotted moss and foliage on its roof, as well as a small crew of fungi-themed inhabitants.



Hospital Dolls

Engineering major capstone project. Created under the supervision of Dr. Susannah Howe at Smith College.

My capstones team's clients were two nurses at a residential children's hospital. Our clients wanted the dolls to use in play therapy with residents and to explain complex medical diagnoses to families. For example, some babies come to the hospital at birth, so a doll could be used to introduce a diagnosis to a sibling.

The dolls have diagnoses and assistive devices common at the hospital.



Down Syndrome



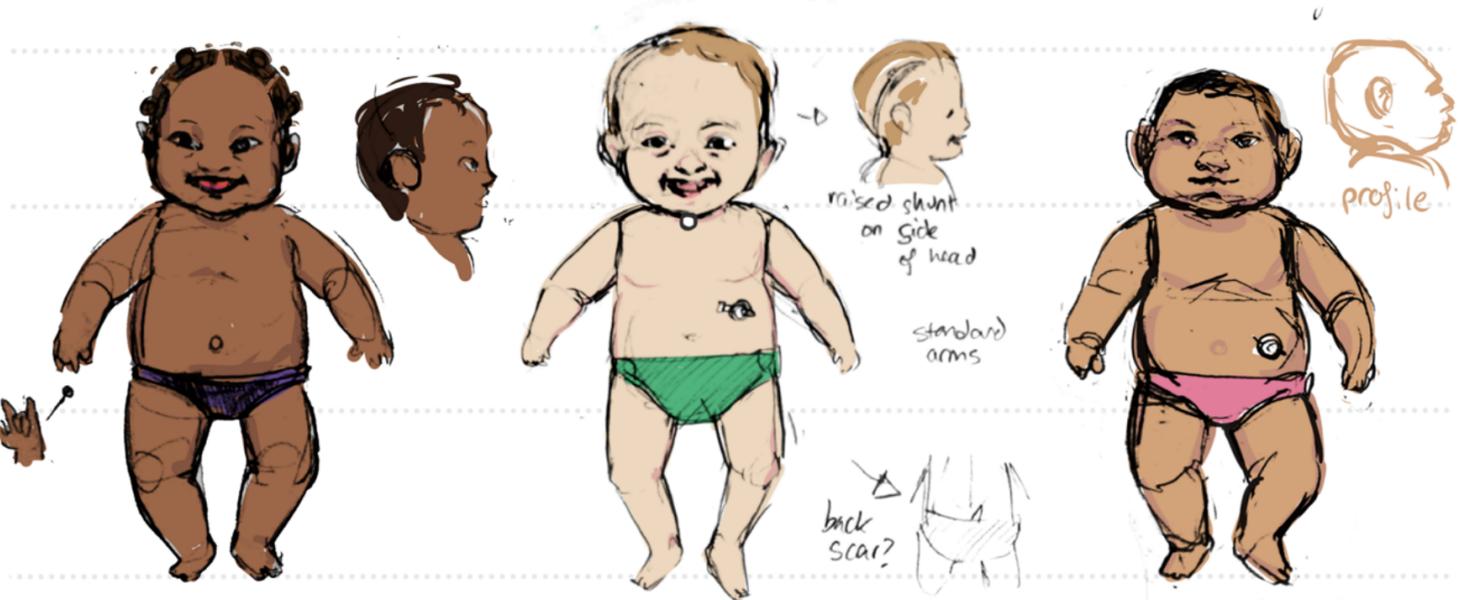
Hydrocephaly



Microcephaly

Our clients selected Down Syndrome (left), hydrocephaly (center) and microcephaly (right) for us to physically prototype. We also planned to include assistive devices: gastrointestinal feeding tubes and a tracheostomy.

I digitally modified 3D scans and we cast new doll heads in polyurethane to create functional prototypes.



Ramshackle: a Building Game

Ramshackle is a building game that develops spatial and structural reasoning skills.

Playtested by college students and children.



Pieces are laser cut plywood "dyed" with diluted acrylic paint.

Some are stenciled with a starry design to indicate a card should be pulled from a deck of random events.



Left: simple but effective packaging.

Bottom left: a few pieces assembled.

Above: event cards add a little danger and intrigue.

Below: an eighth grader picking up and turning the whole structure.



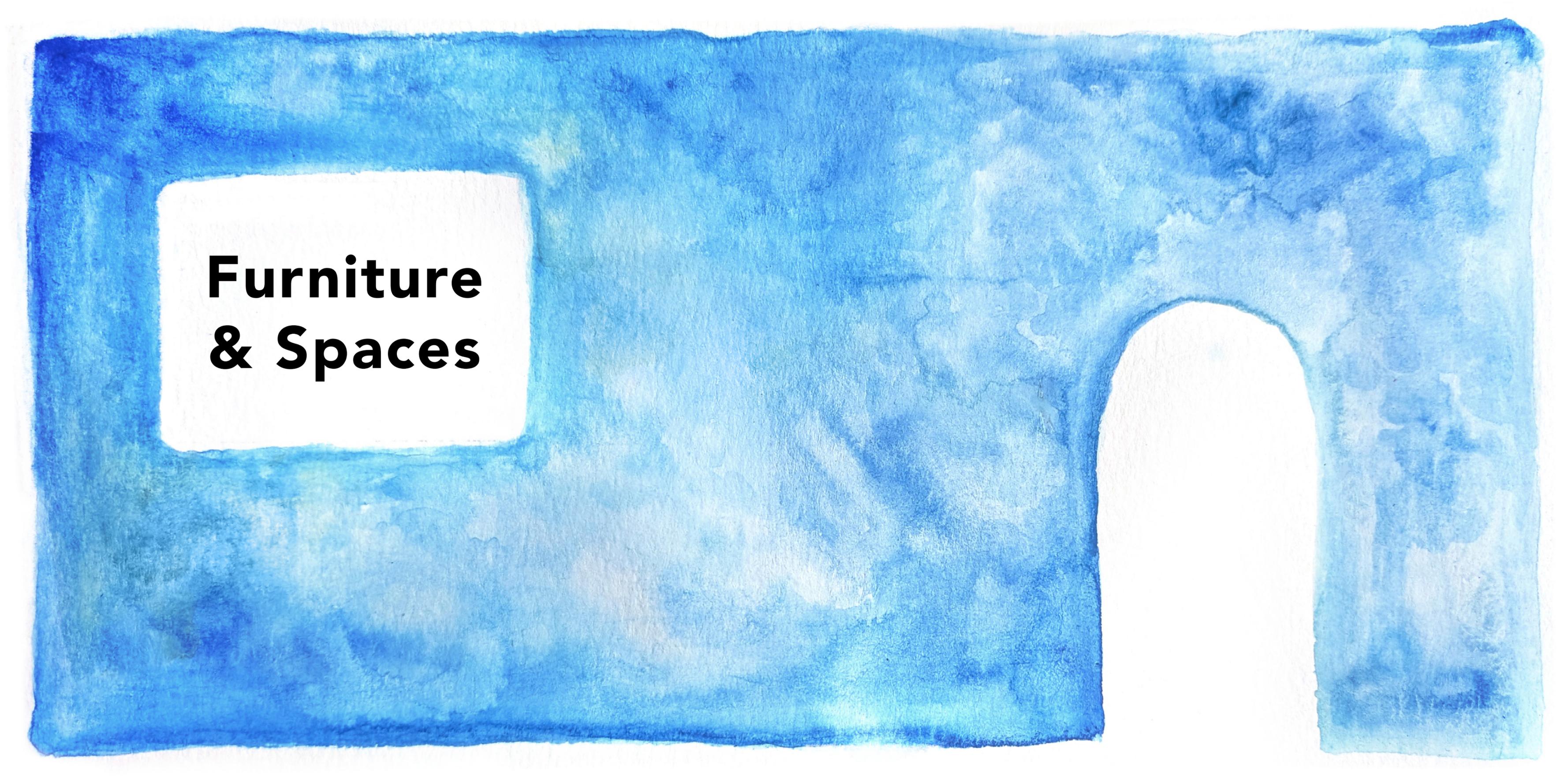
Quiltachusetts

A quilt for a baby who lives in Massachusetts, designed to be a multi-use blanket and playmat.

The baby's home and his grandparents' home are depicted as castles and located on an accurate map of the Boston-Cambridge metropolitan area. Lines of thread depict real roads and bridges, while the agricultural color scheme hearkens to the family farm.

Right: digital mockup.
Below: quilted road detail.



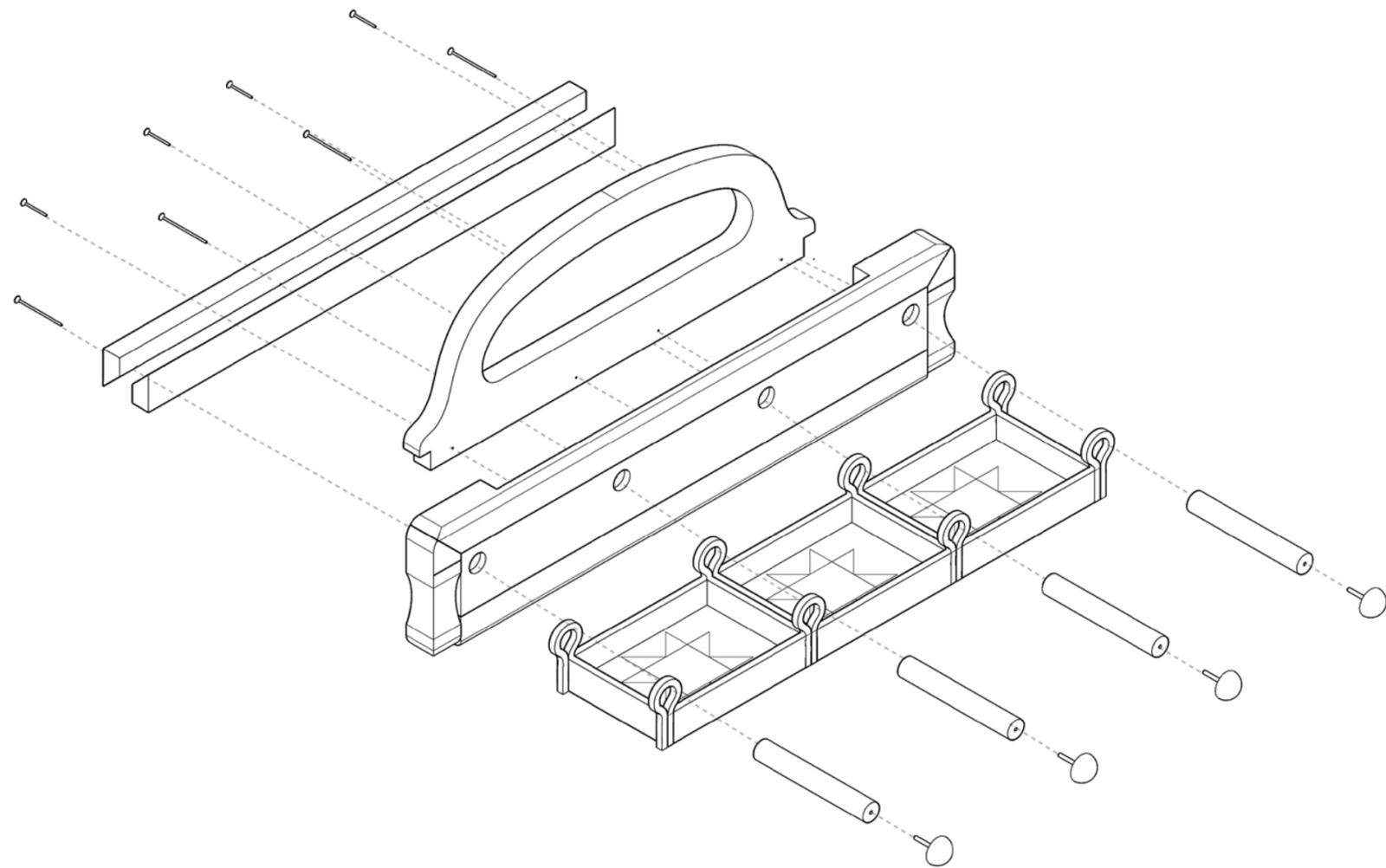


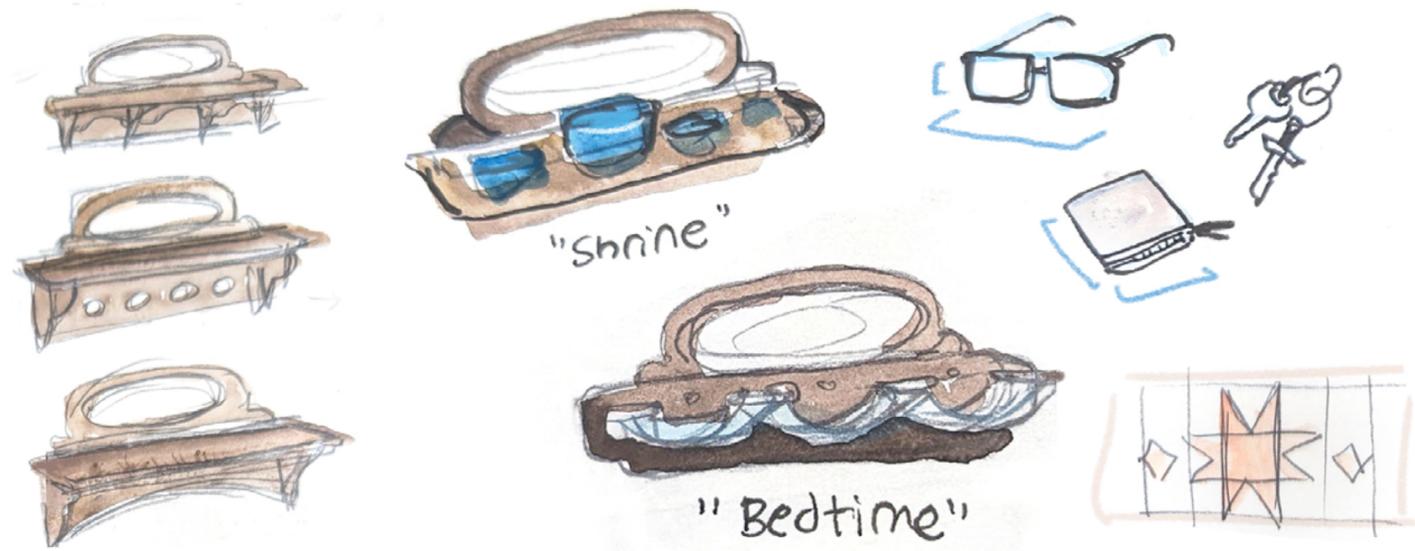
**Furniture
& Spaces**

Entryway Station

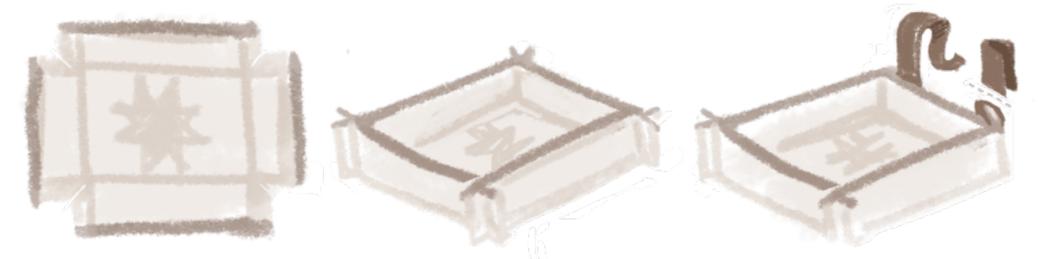
A cabinet found on the street and a free canvas tote bag transform into a station for keys and wallets that fits into a tight entryway.

Quilted "hammocks" hide visual clutter and give the contents of your pockets a cozy place to land.





Above: a few brainstorming sketches. Right: the quilted hammocks, made from white linen and a free canvas tote bag.

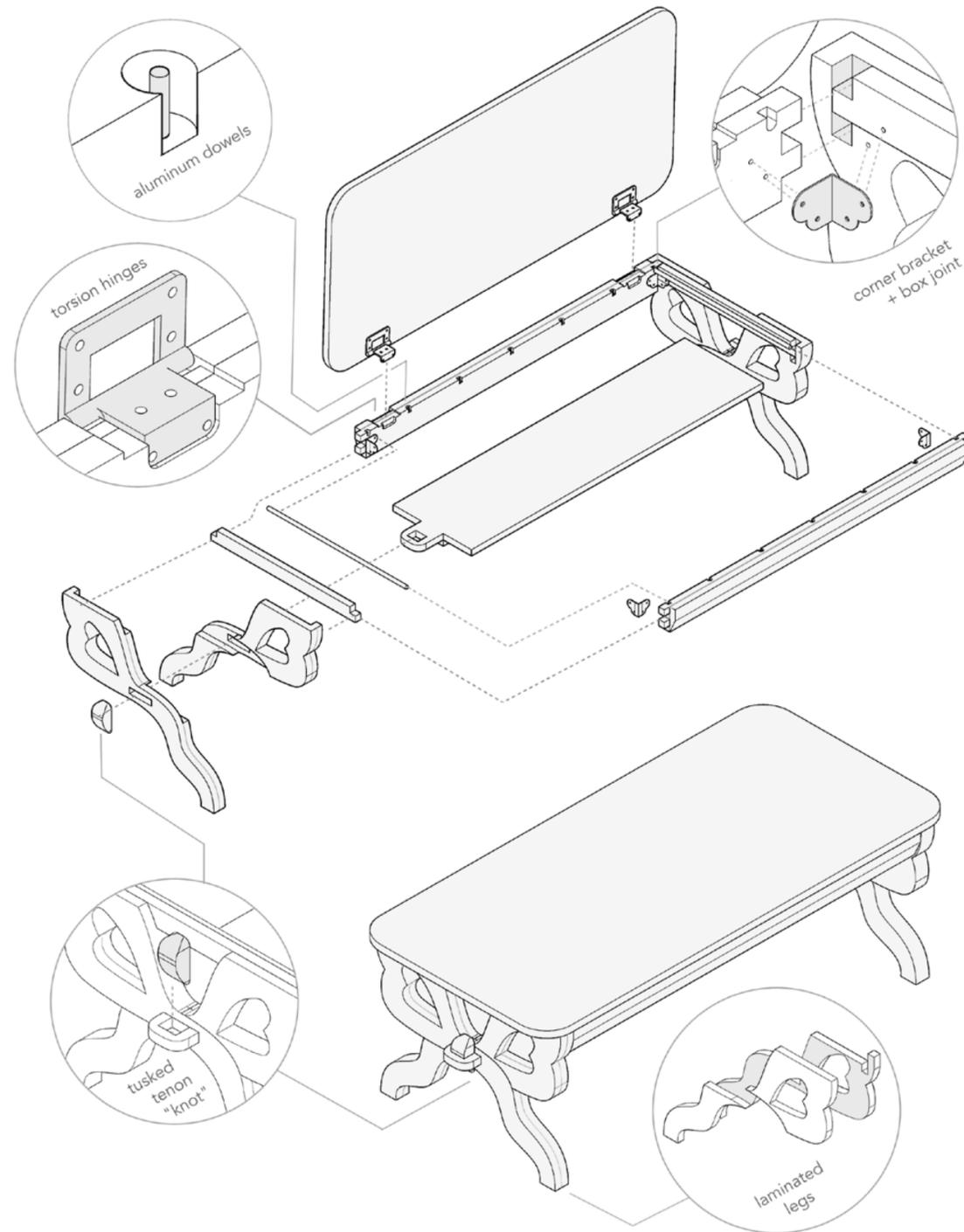


Bow-Legged Bench

A bench with a canvas storage compartment and legs that tie the whole piece together.

Intended for use in a dining area to store linens or table leaves, this bench would also be functional as a coffee table or toy chest.

The bench is held together wholly by mechanical joints, so the legs and storage compartment can be collapsed to flat-pack it.

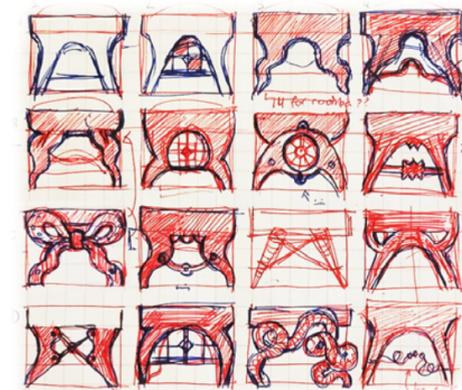




Left: The legs in the moment before they interlock.

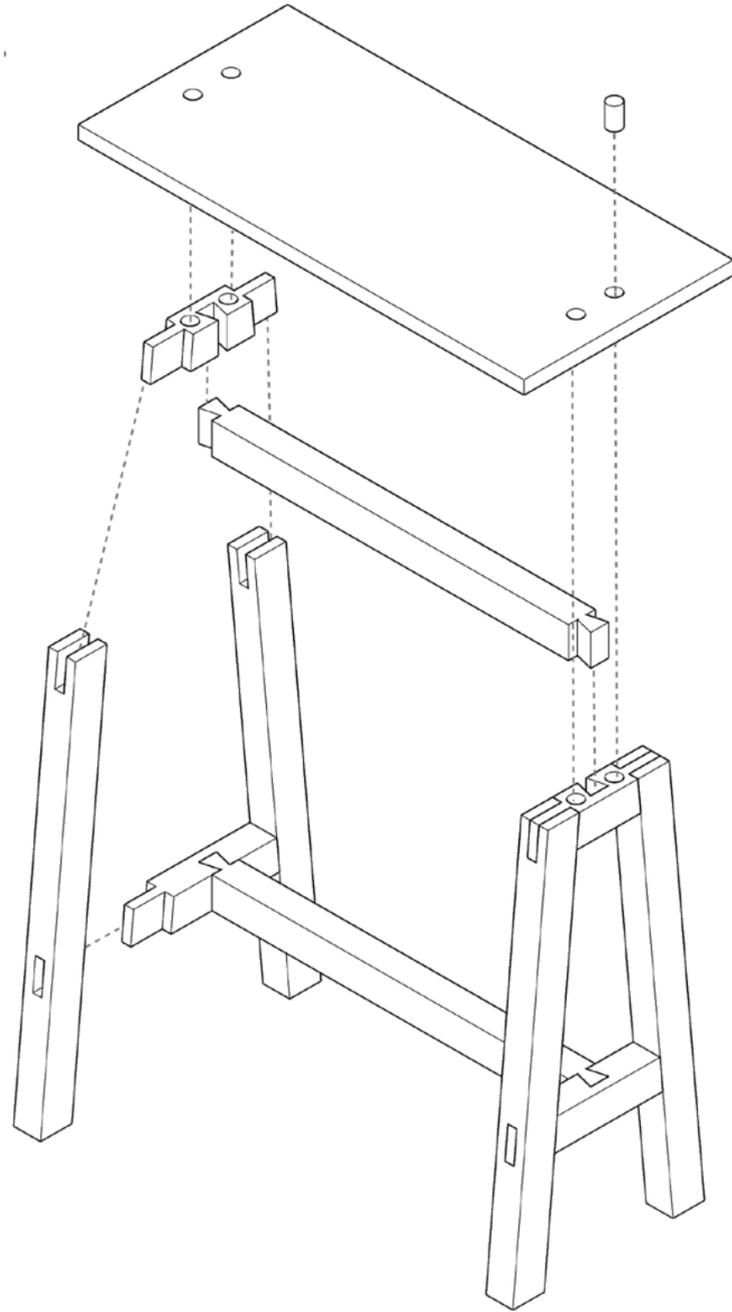
Right: Side silhouette sketches and cardboard prototypes.

Below: Flatlay of wooden bench components.



Simple Table

A table with only wooden joints. Made for a small bathroom.



Celadon Bathroom

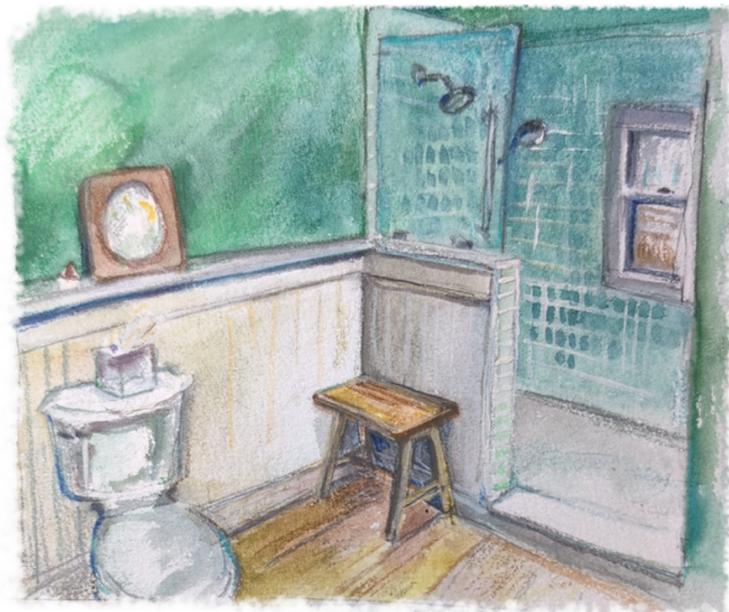
I modeled the room layout, communicated with contractors, and selected finishes for this renovated bathroom.

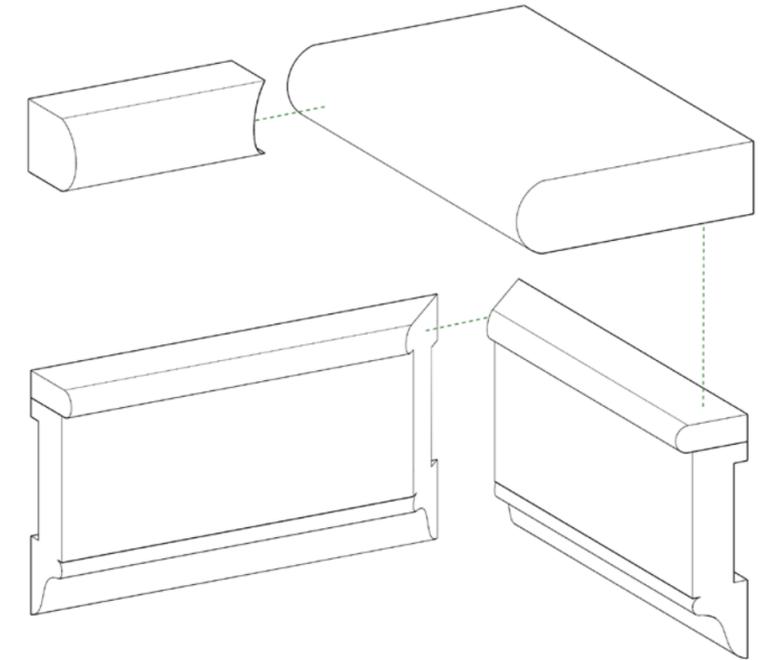


Fireclay Tile,
"Seedling"



Benjamin
Moore,
"Parsley
Snips"





Trim detail made by combining three moulding types, creating a seamless shelf.

