

# SELECTION OF WORK

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*B.ARCH SCI - Ryerson University*

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2-12 **Professional**

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# LOEWE LAMP

Client: Alvaro Barrington

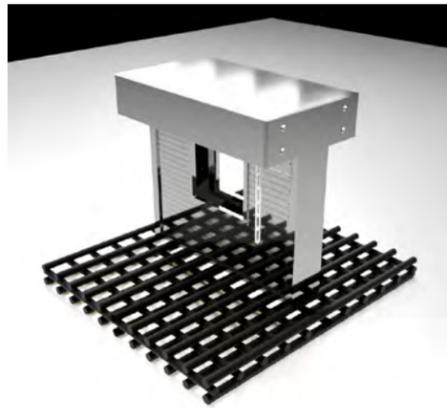
LOEWE lamps, Salone del mobile, Spain 02.2024

As project manager, I created the schedule, determined a quote, coordinated with engineers, guided fabricators, and managed the making of the lamp. Early on, I identified the electrical engineers, milling services, and welders we would need to build the project. I worked with the artists' team to design and engineer the lamp according to their visions. I coordinated with multiple vendors to fabricate the various parts, and assembled the lamp in-house. Upon completion, I worked with LOEWE fashion house to coordinate transport of the artwork to Spain.

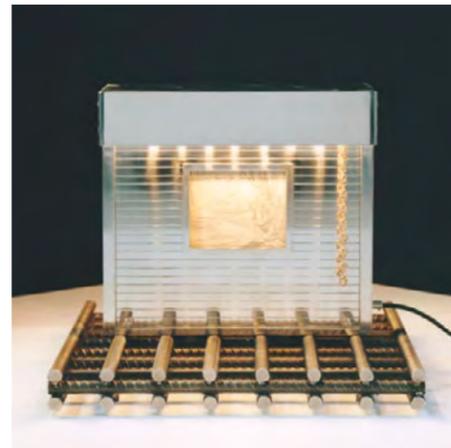
[LINK]



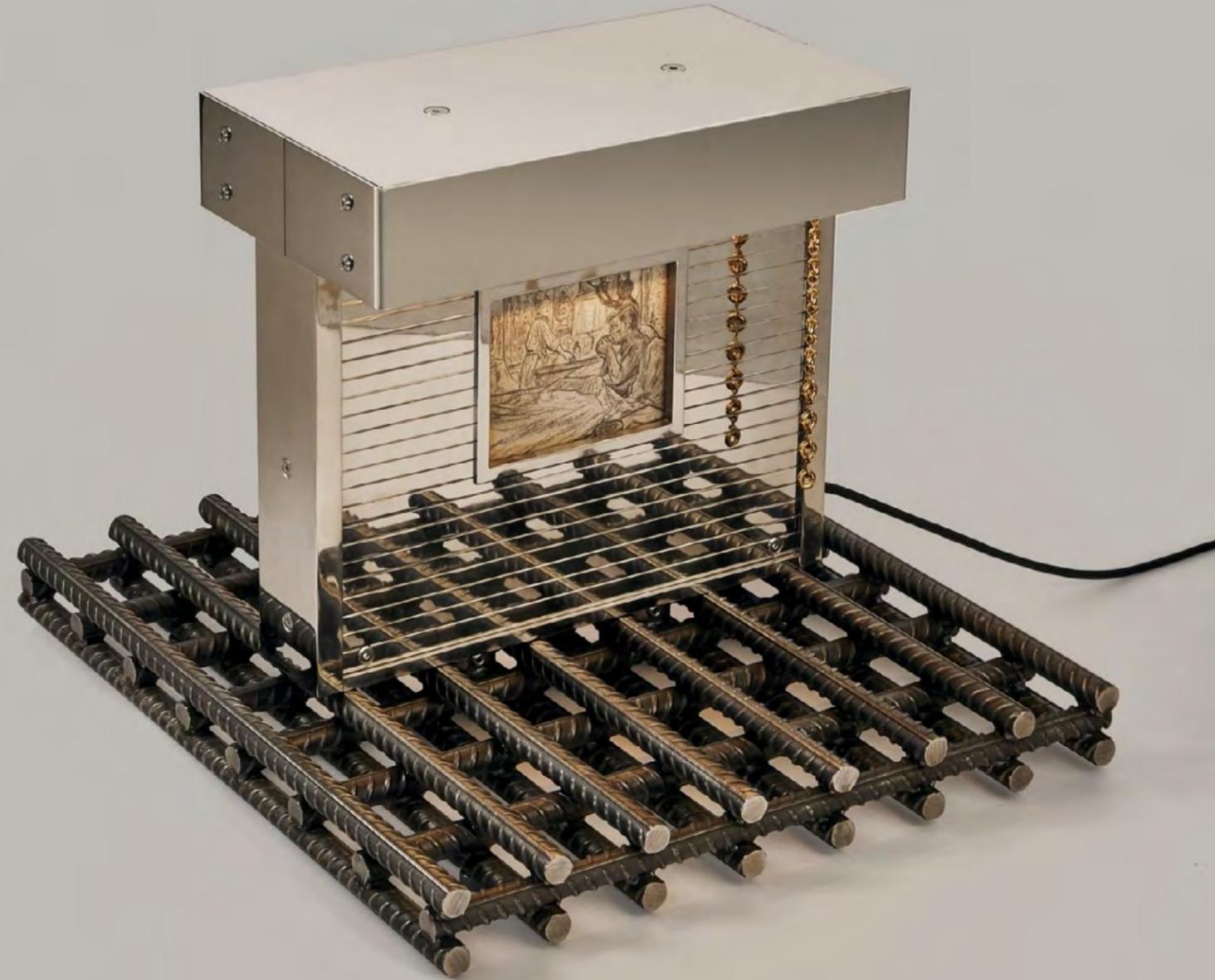
Artist's Sketch, Alvaro Barrington



Render

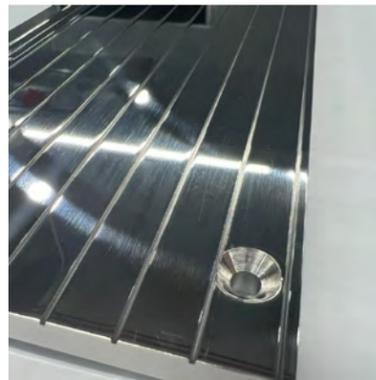


Final



**Assembly**

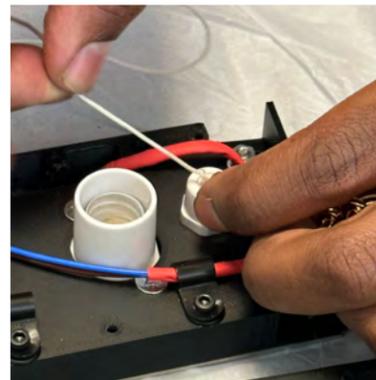
CNC and Polish Stainless Steel



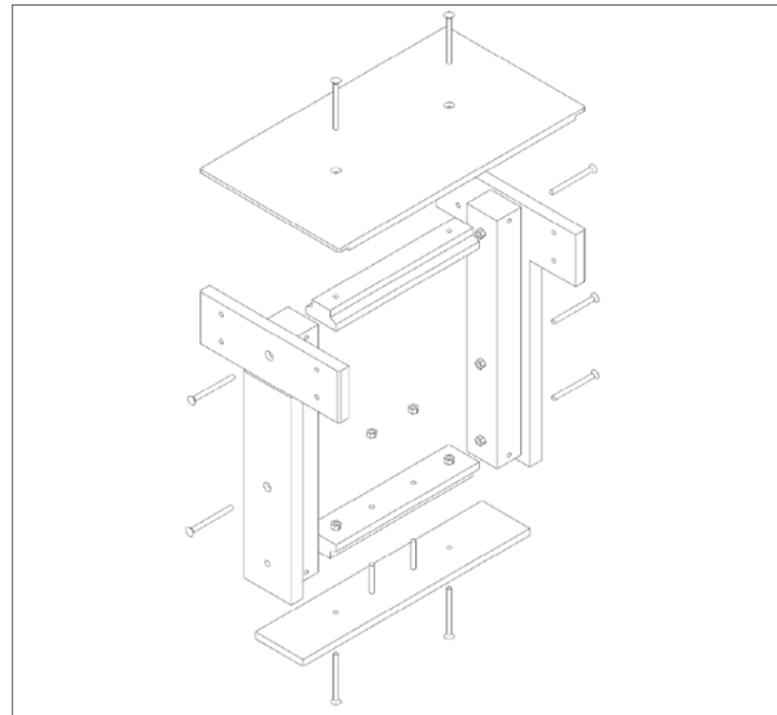
Weld Rebar Base



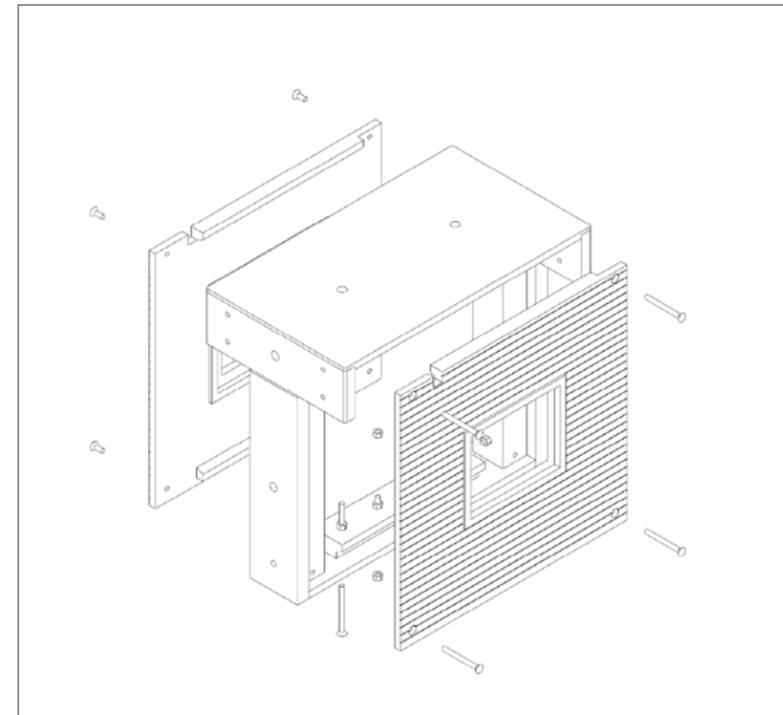
Electrical



Assemble

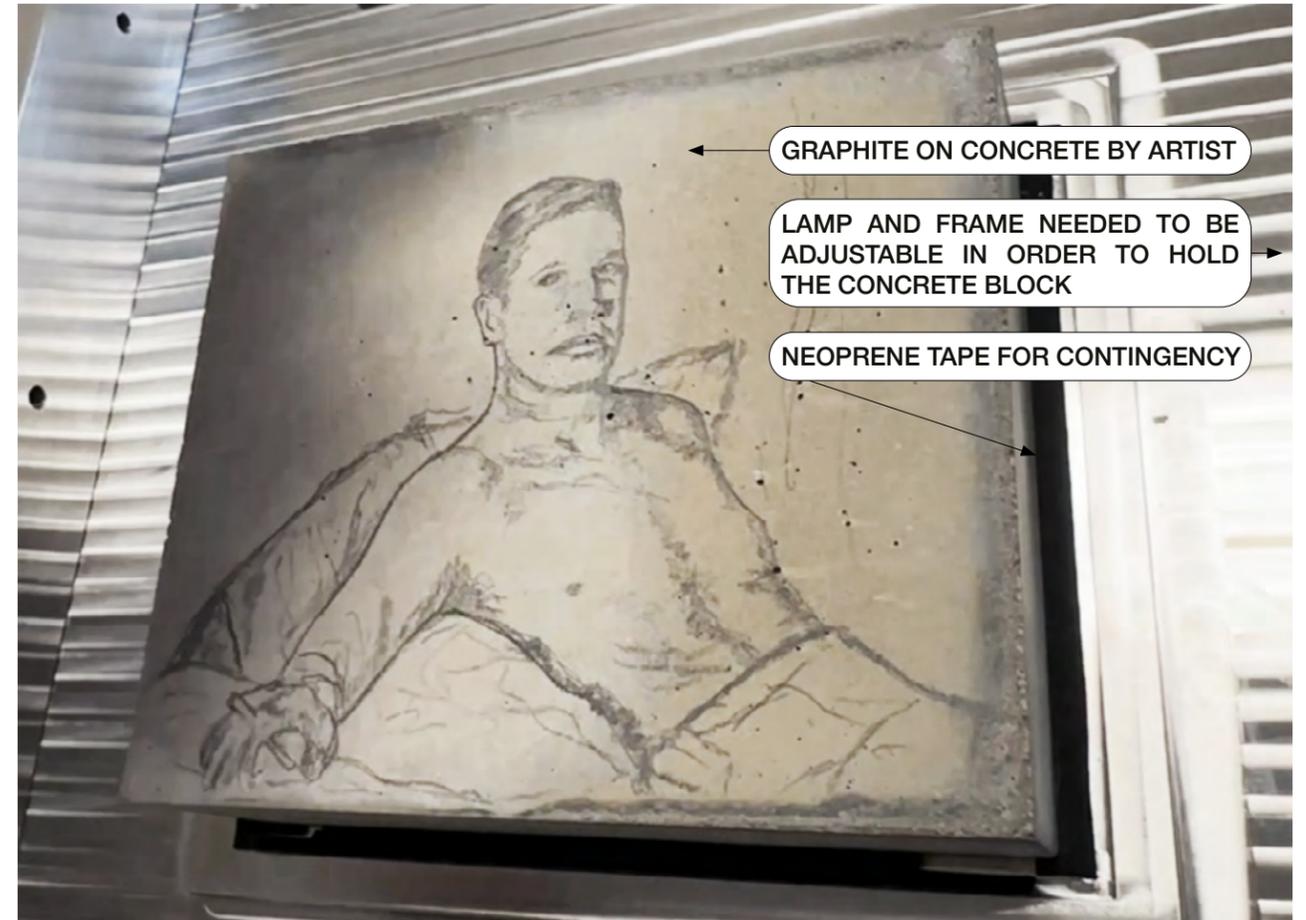


Step 1: Using appropriate bolts attach T-bar to side walls, Attach top plate to top wedge, Attach bottom plate to bottom wedge Make sure all connections are still loose.



Step 2: Clamp the side, top and bottom wedges with the 2 shutters and use M6 Countersunk Barrel nuts to hold everything together.

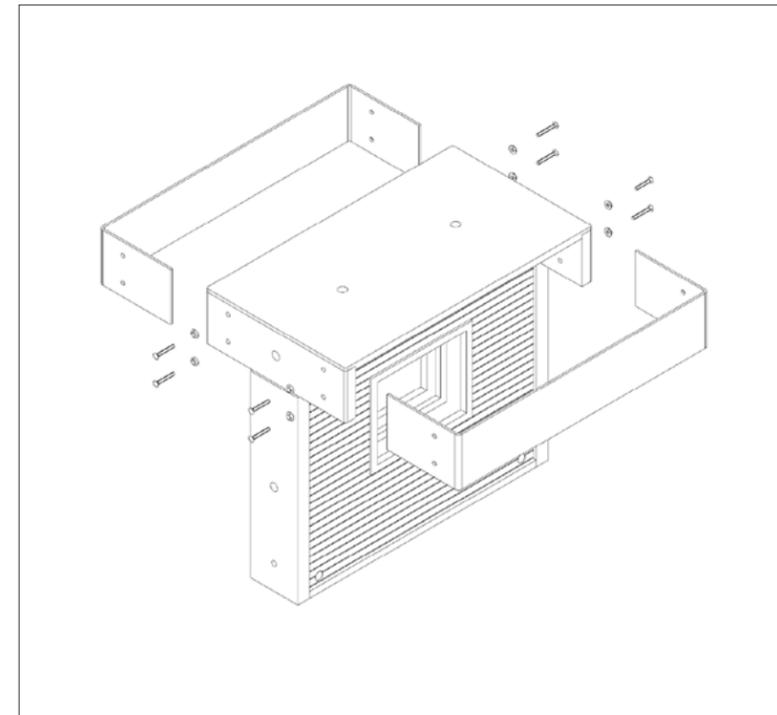
Step 3: Tighten all bolts



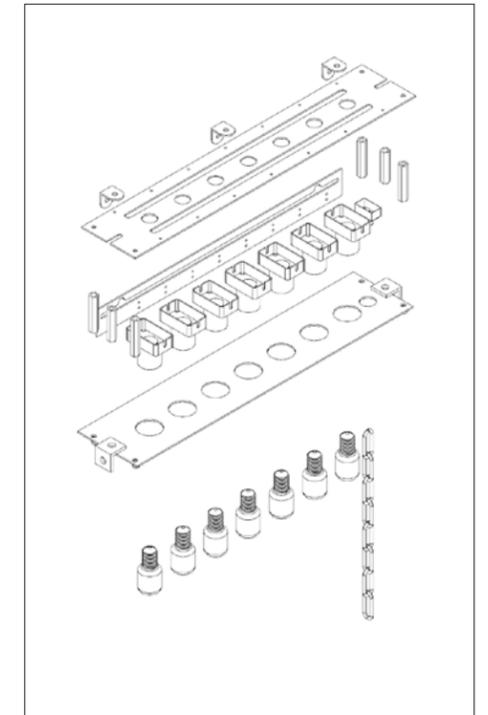
GRAPHITE ON CONCRETE BY ARTIST

LAMP AND FRAME NEEDED TO BE ADJUSTABLE IN ORDER TO HOLD THE CONCRETE BLOCK

NEOPRENE TAPE FOR CONTINGENCY



Step 4: Slide the lampshades into place and use the M4 bolts with Ccountersunk washers to connect the lampshades to the lamp.



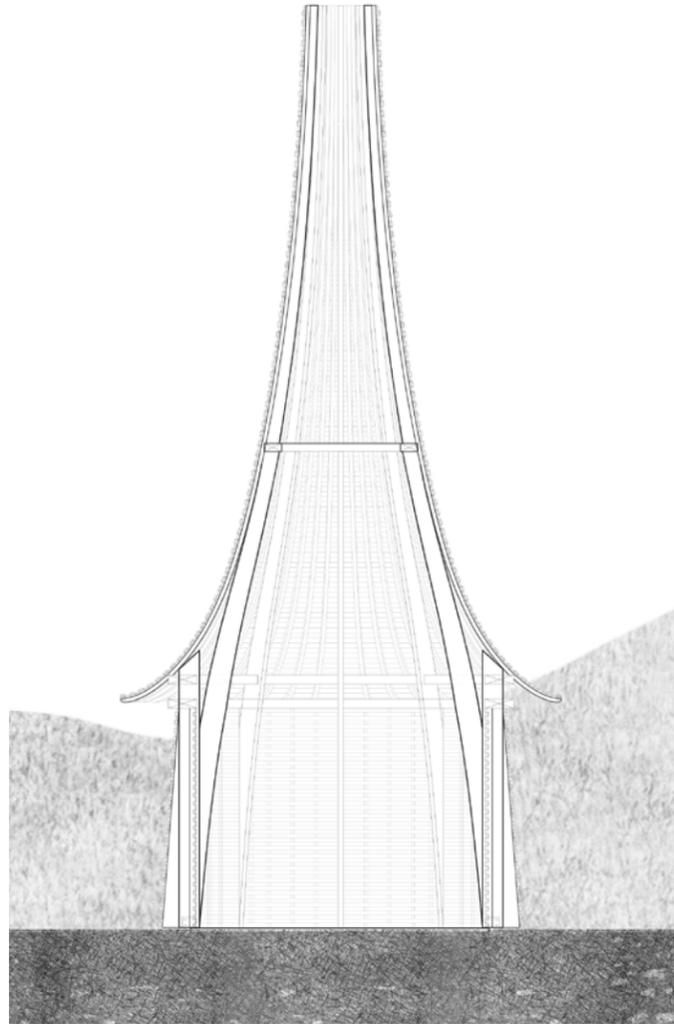
## THE GUEST HOUSE

Client: Ivan Morison

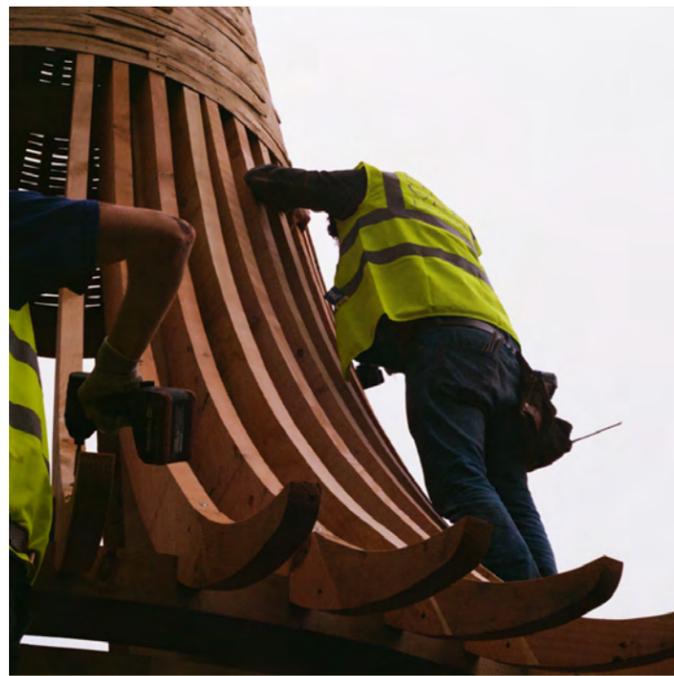
St James's Piccadilly, Chelsea Flowershow 05.2024

Worked as a specialized art fabricator on the construction of *the Guest House* sculpture by Ivan Morison for the Chelsea Flower Show garden, hosted by St James's Piccadilly. My primary role was to ensure a smooth construction process while assisting with basic carpentry work, finishing work and working at heights.

[LINK]



Construction in Progress



Construction in Progress





# APPLES

Client: Imogen Kwok

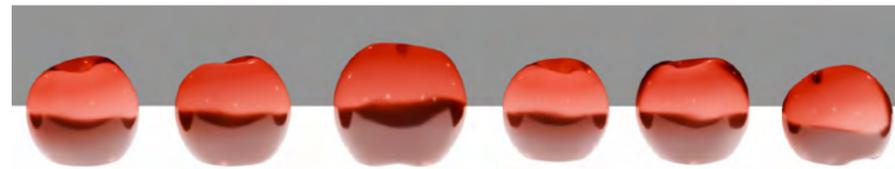
Arc'teryx + Veilence, London Flagship 09.2024

As project manager I determined the hard costs of fabricating various scales, numbers, and types of fruit and identified the specialist fabricators needed, and designed the 3D models required for print. I worked with the artists' team and professional fabricators to make, finish and transport the objects to the flagship store.

[LINK]



Artist's Sketch, Imogen Kwok



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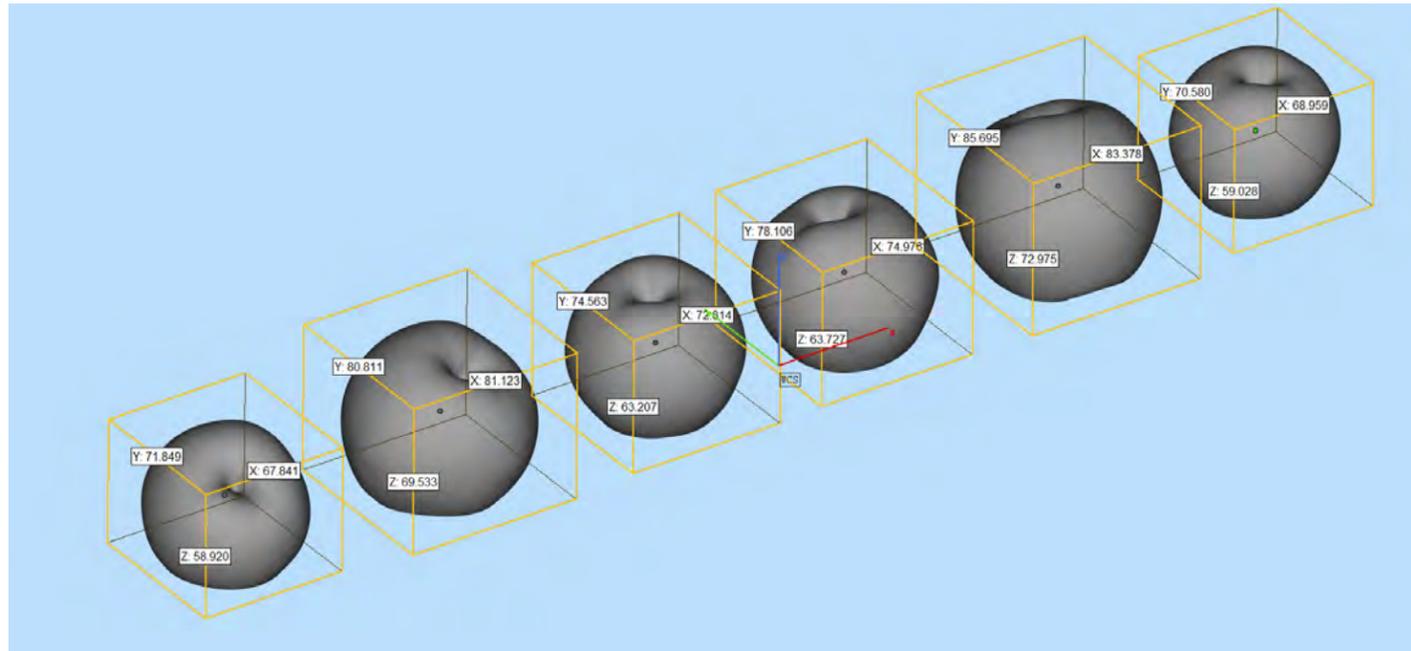


Final



VEILENCE, LONDON

ASSEMBLY



3D Print File\_Rhino + Blender



1. Resin (SLA) 3D Print



2. Sand + Polish + Lacquer



3. Paint



4. Polish



SORTING APPLES

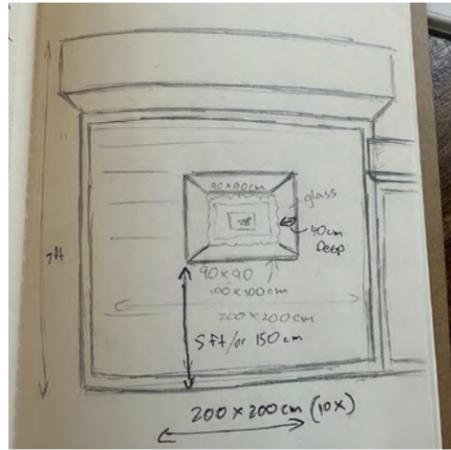
# THE BLOCK

Client: Alvaro Barrington

ROPAC PANTAIN, Paris 10.2023

The Block was a large scale installation which acted as the backdrop to the Alvaro Barrington, They Got Time: YOU BELONG TO THE CITY exhibit at ROPAC Paris. As project manager and designer I identified the vendors that could produce the project and worked with them through prototyping, design, and pre-assembly to create the installation. I ensured timelines and budgets we met and after ensuring smooth transport the project was successfully launched in Paris.

[LINK]



Artist's Sketch, Alvaro Barrington



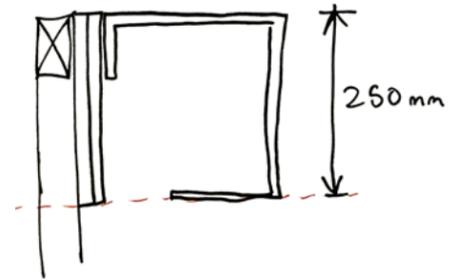
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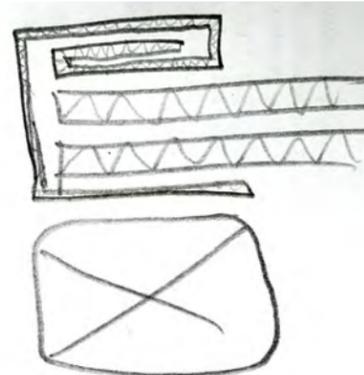
Final



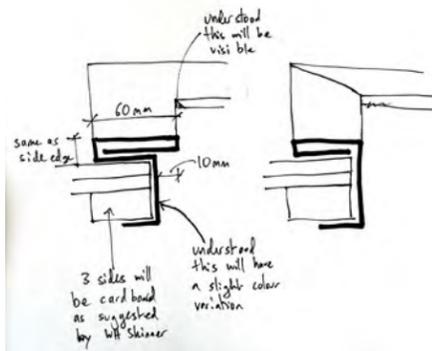
DETAILS



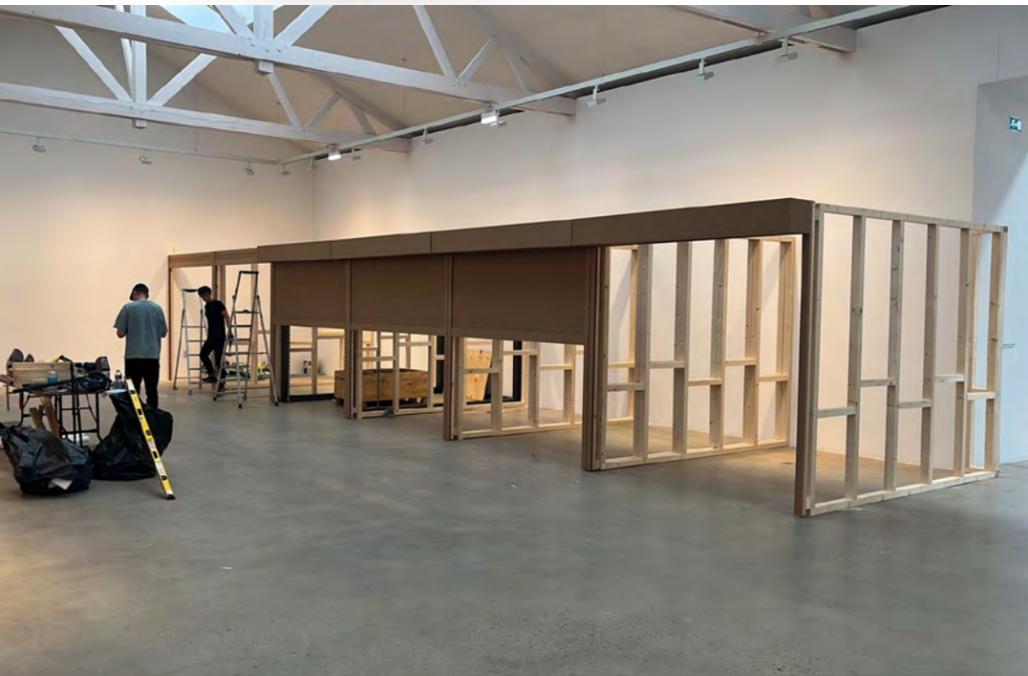
SHUTTER BOX



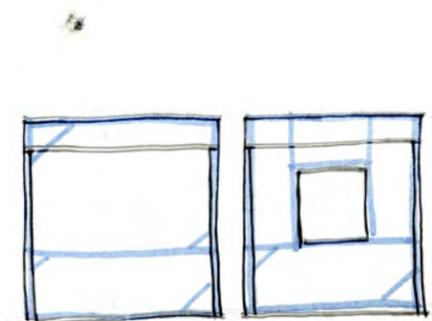
VERTICAL MEMBERS



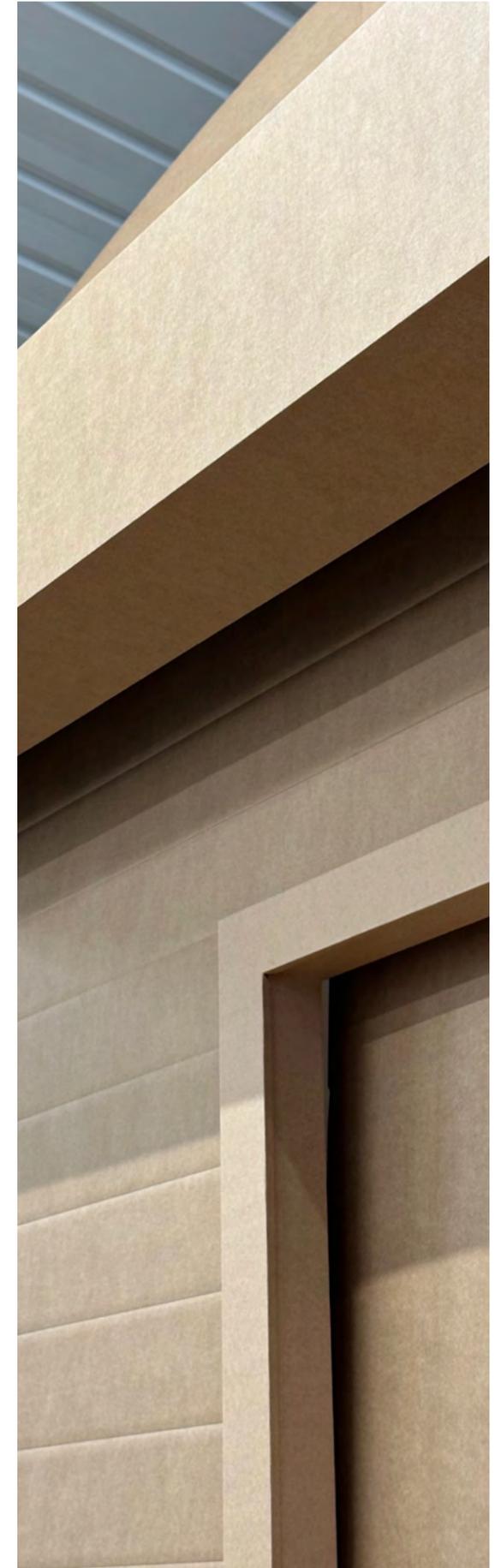
WINDOW



INSTALL



STRUCTURE



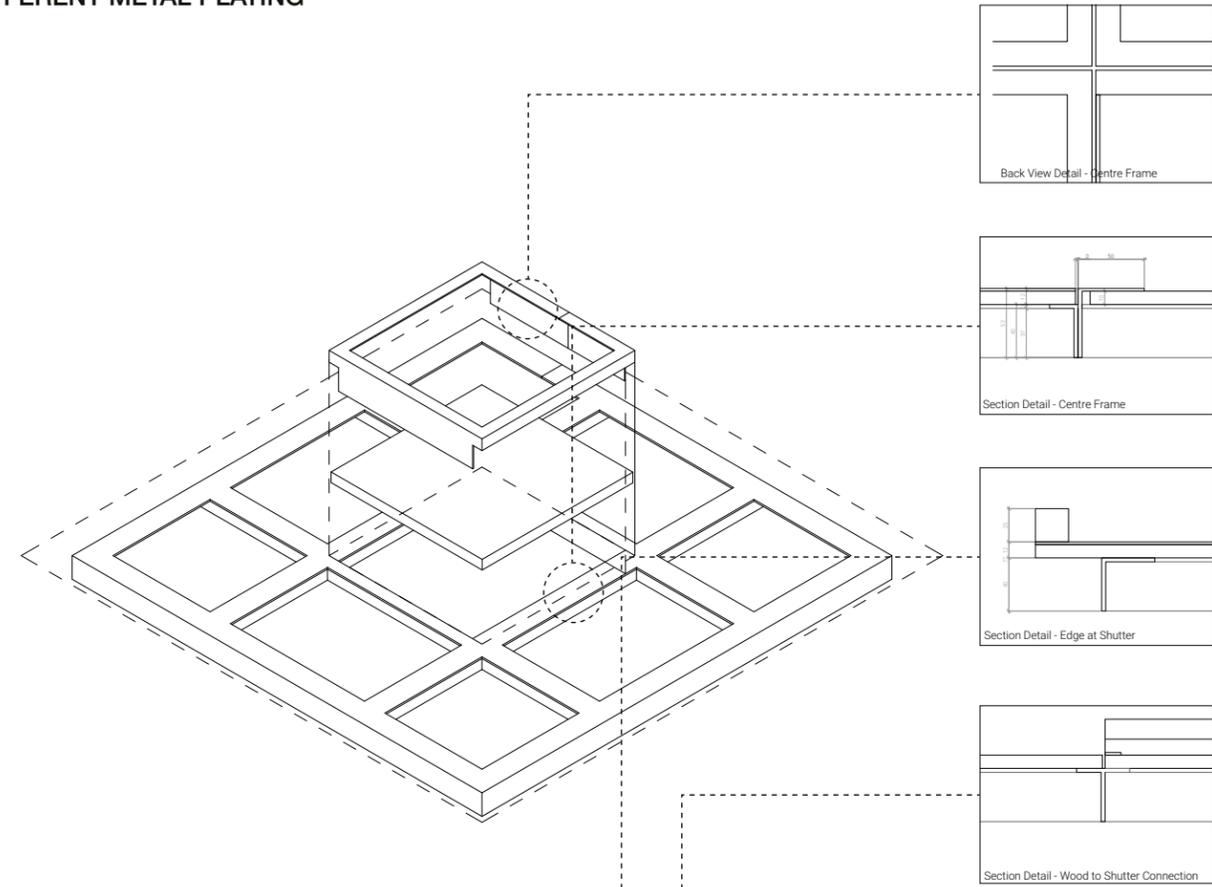
# SHUTTERS

Client: Alvaro Barrington  
ROPAC PANTAIN, Paris 10.2023

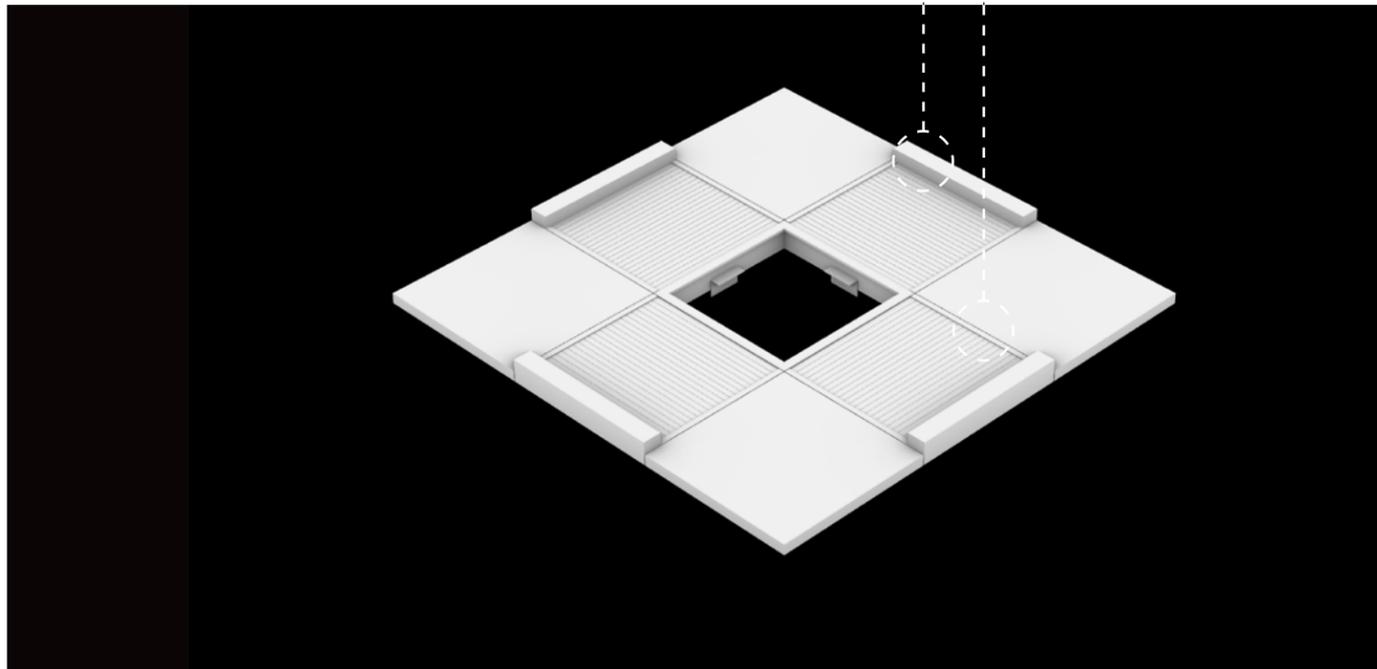
I worked with professional milling services and welders to determine how to engineer a frame that can hold, the painted concrete "fresco" created by the artist, and carry the wooden carvings on the edges. I assisted with fabrication and assembly process by providing instructions, drawings and transport co-ordination.



VERSIONS IN DIFFERENT METAL PLATING



ASSEMBLY AXONOMETRIC + DETAILS



# BAPTISM OF CHRIST

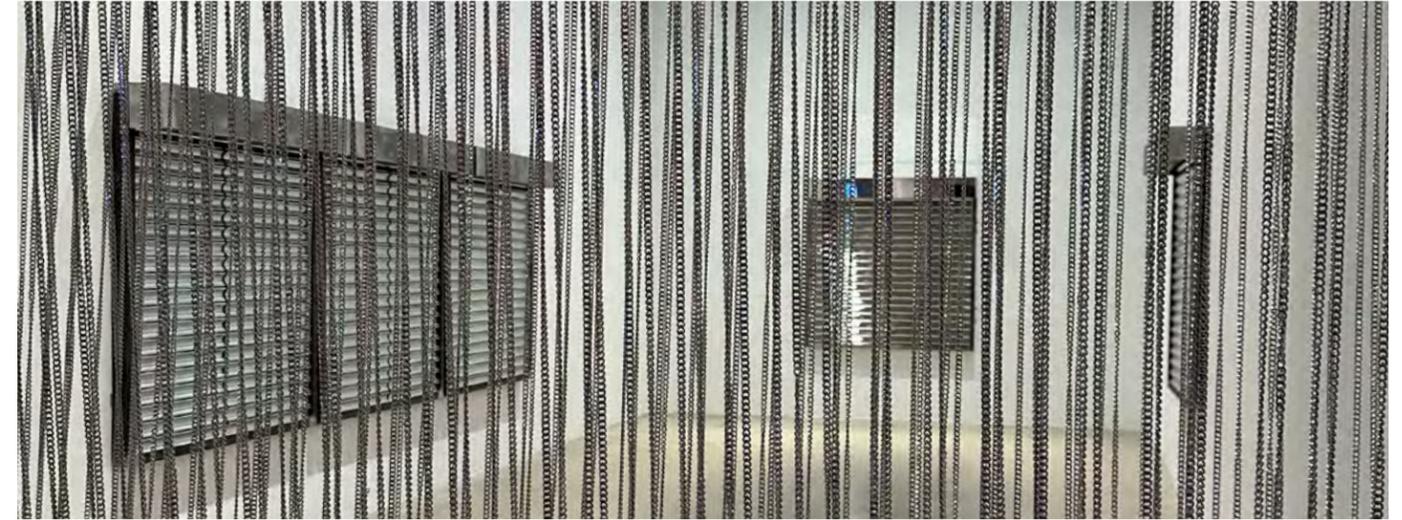
Client: Alvaro Barrington

ROPAC PANTAIN, Paris 10.2023

Worked with welders, metal workers, and chromeplaters to create a chromeplated, mirror polished, stainless steel, shutter sculpture. Sourced materials, and identified specialists to undertake the task, and coordinated transportation and assembly of the shutters.



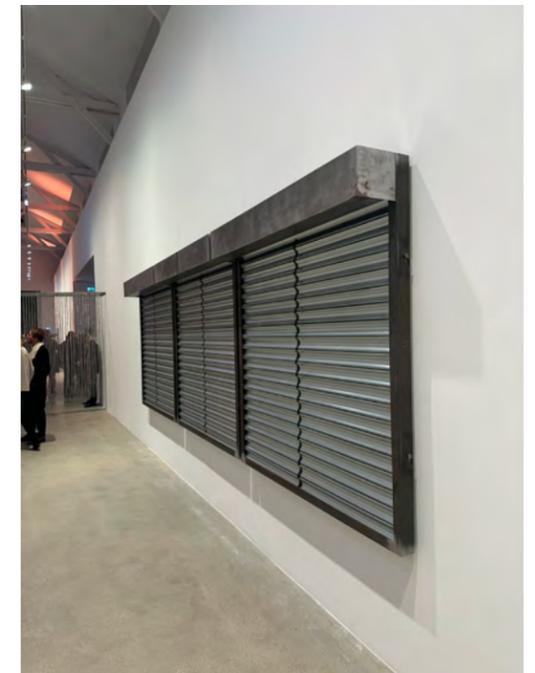
CHROMEPLATED SHUTTER



INSTALLATION AT ROPAC GALLERY



ASSEMBLY



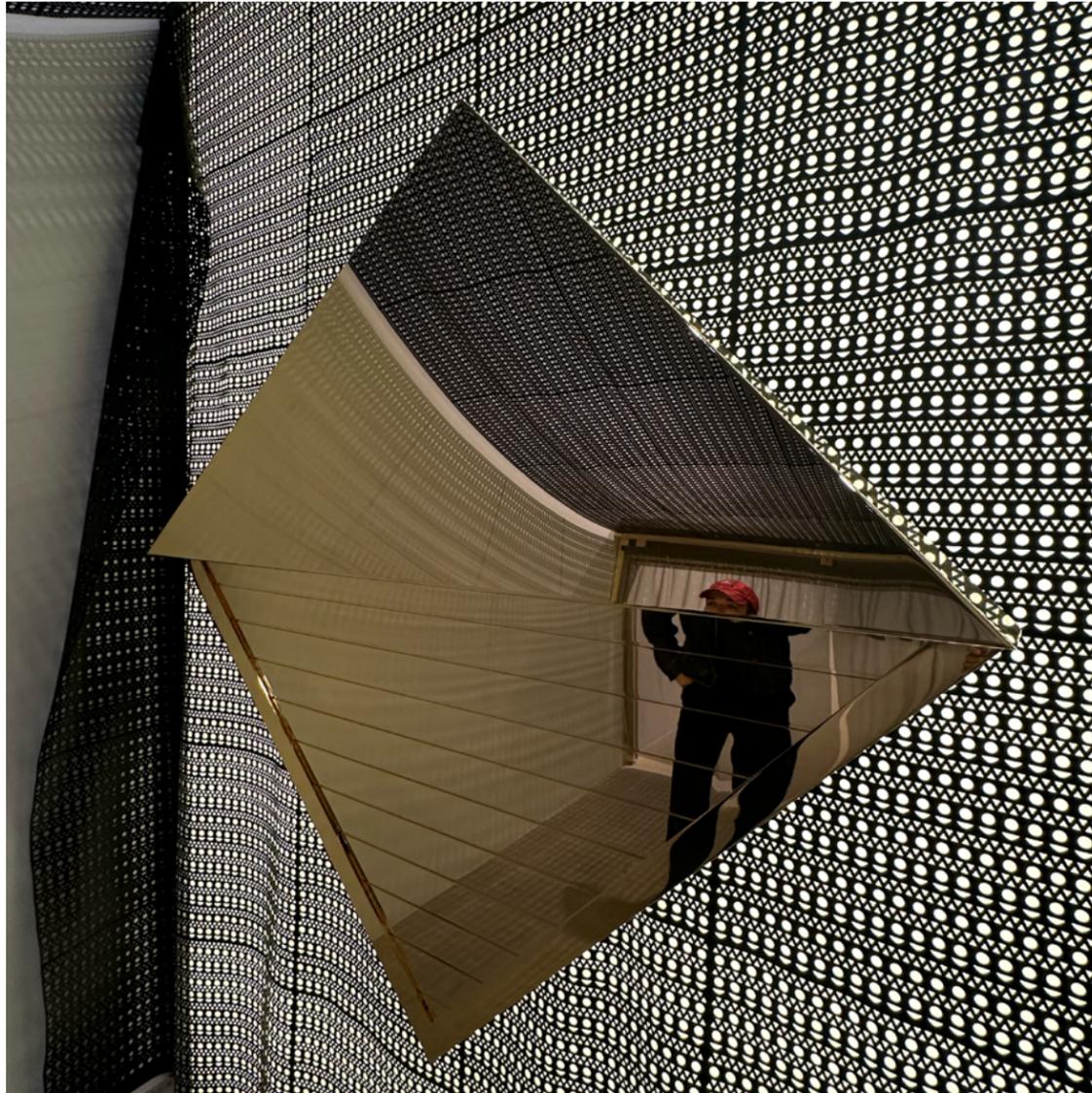
MILD STEEL SHUTTER

# GOLD SHUTTER

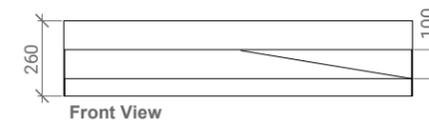
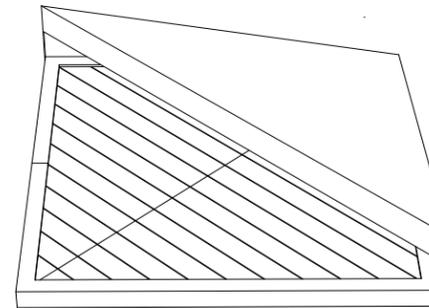
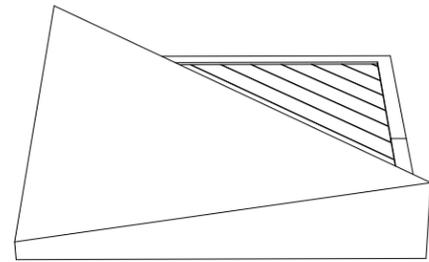
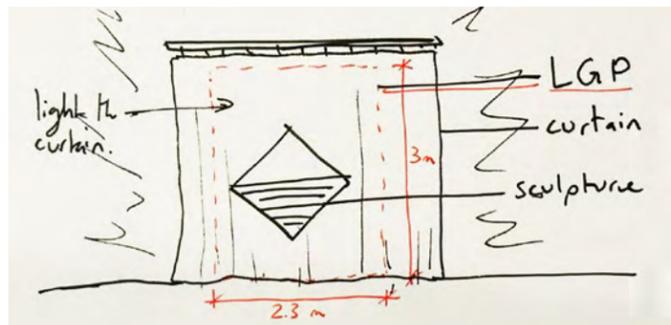
Client: Alvaro Barrington

ROPAC PANTAIN, Paris 10.2023

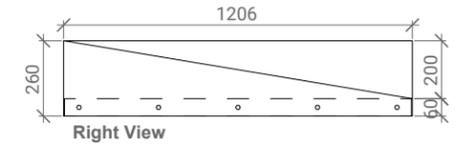
Designed gold plated sculpture to meet vision of artist.  
Identified Gold-plating process, assisted with fabrication co-ordination.



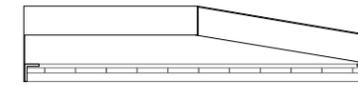
INSTALLATION AT ROPAC GALLERY



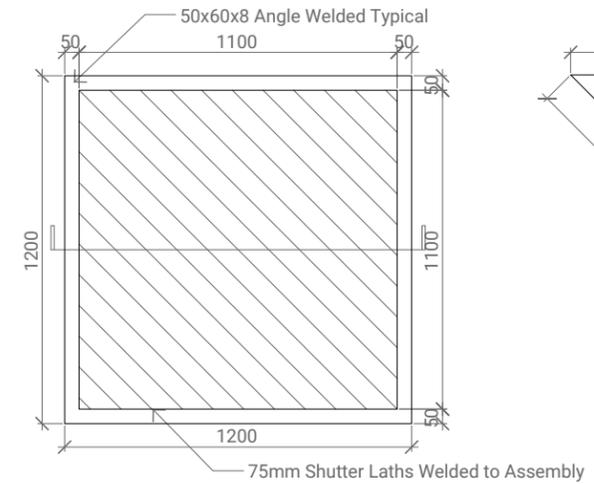
Front View



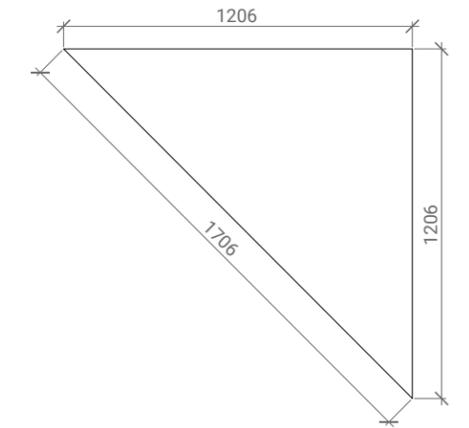
Right View



Front Section



Top View



Top View - top box

TECHNICAL DRAWINGS

# REPLAY

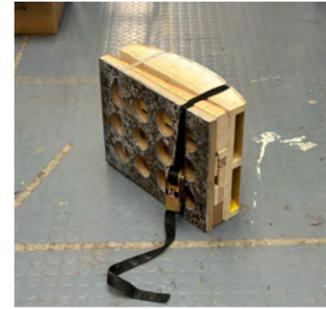
Material Arcade Collective

Design Museum 09.2024

Client: Swiss Culture Fund + Design Museum London

Replay was an interactive sculpture and game designed as a result of the AA summer school. The project was showcased at the AA, the Design Museum, and at the Swiss Soire in Sept. It is designed for kids, adults and people with imagination.

[LINK]



MAKING OF



REPLAY AT DESIGN MUSEUM



REPLAY AT BEDFORD SQUARE



REPLAY UNDER CONSTRUCTION



# CULTURAL EXCHANGE

Installation Designer (Solo Work)

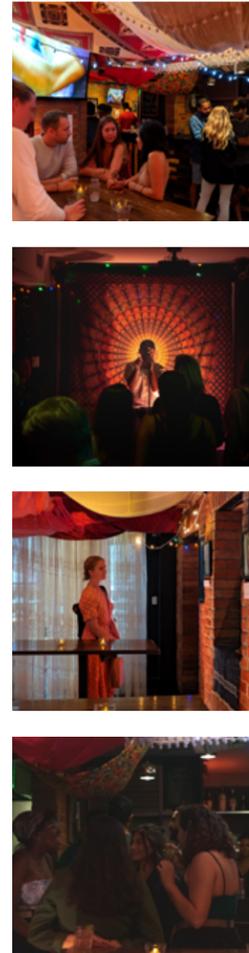
Cultural Exchange Toronto Exhibition 09.2019

Client: Cultural Exchange Toronto, Curator  
Veronica Georgieva

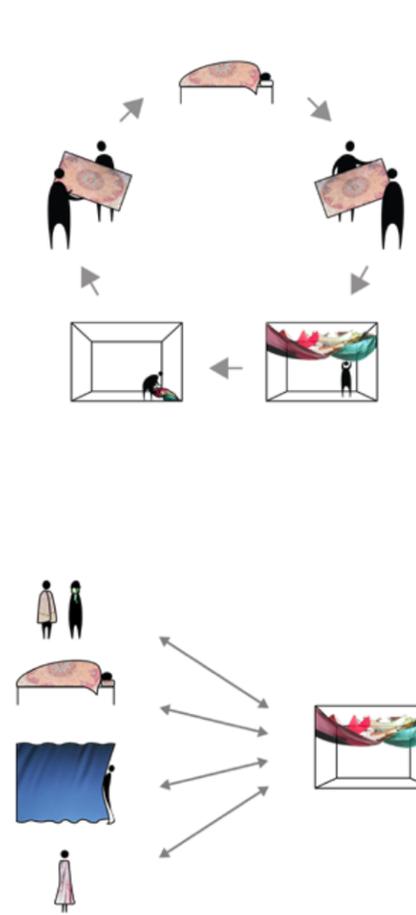


Cultural exchange hopes to spread awareness about cultural appreciation by bringing BIPOC artists together to celebrate the diversity in their art.

A request to borrow culturally significant fabrics was issued to all the participating artists and patrons. These fabrics were then hung across the ceiling of the exhibition space merging together the various cultures while at the same time expressing their characteristics and differences. By co-opting the various fabrics to fit a new use, a commentary is made on the shifting definitions of culture. A blanket, dress fabric, and quilt now come together to make architecture, just like how the children of various immigrant families and minorities have come together to make one art exhibition.

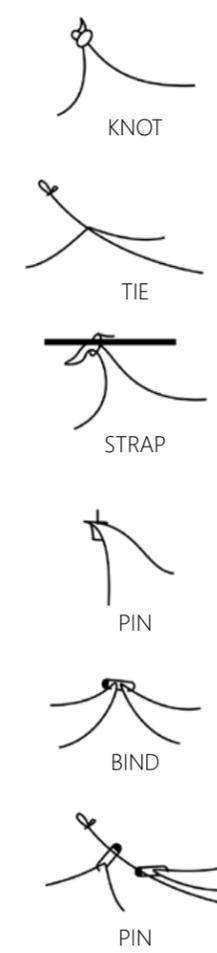


## PRE-CYCLING

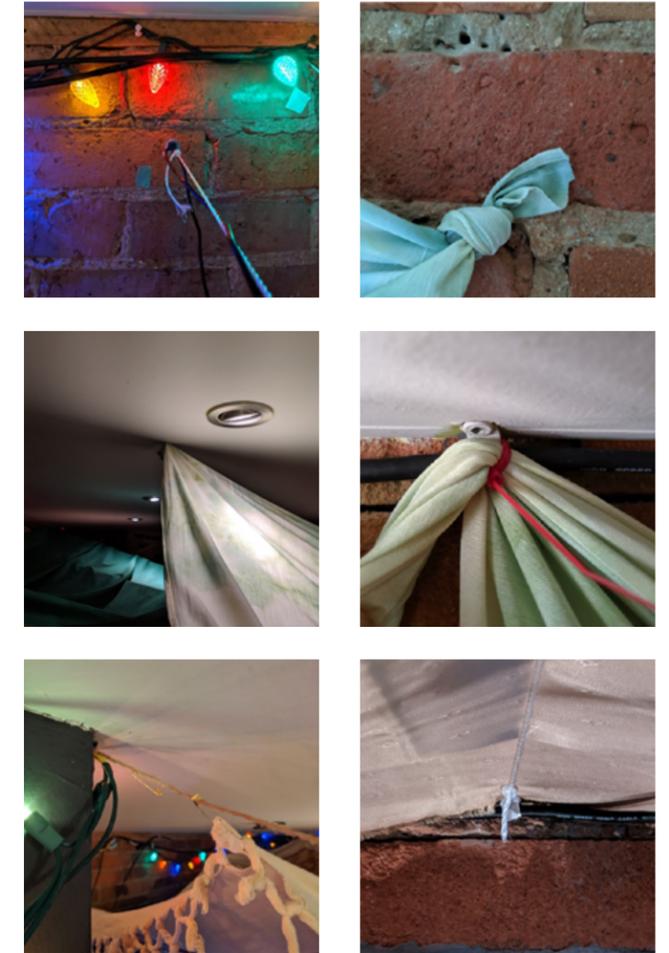


A logistical effort was made to ensure all fabrics used would be returned to their original owners for reuse. The use before the intended use ensures a sustainable continuity to the materials.

## DETAILS



A series of temporary tactics were used to hold the exhibition up. Tying, knotting, strapping, pinning, and binding the fabric ensured the fabric would not be damaged. At the end of the exhibition the space was able to quickly return to normal with relatively little to no waste produced.



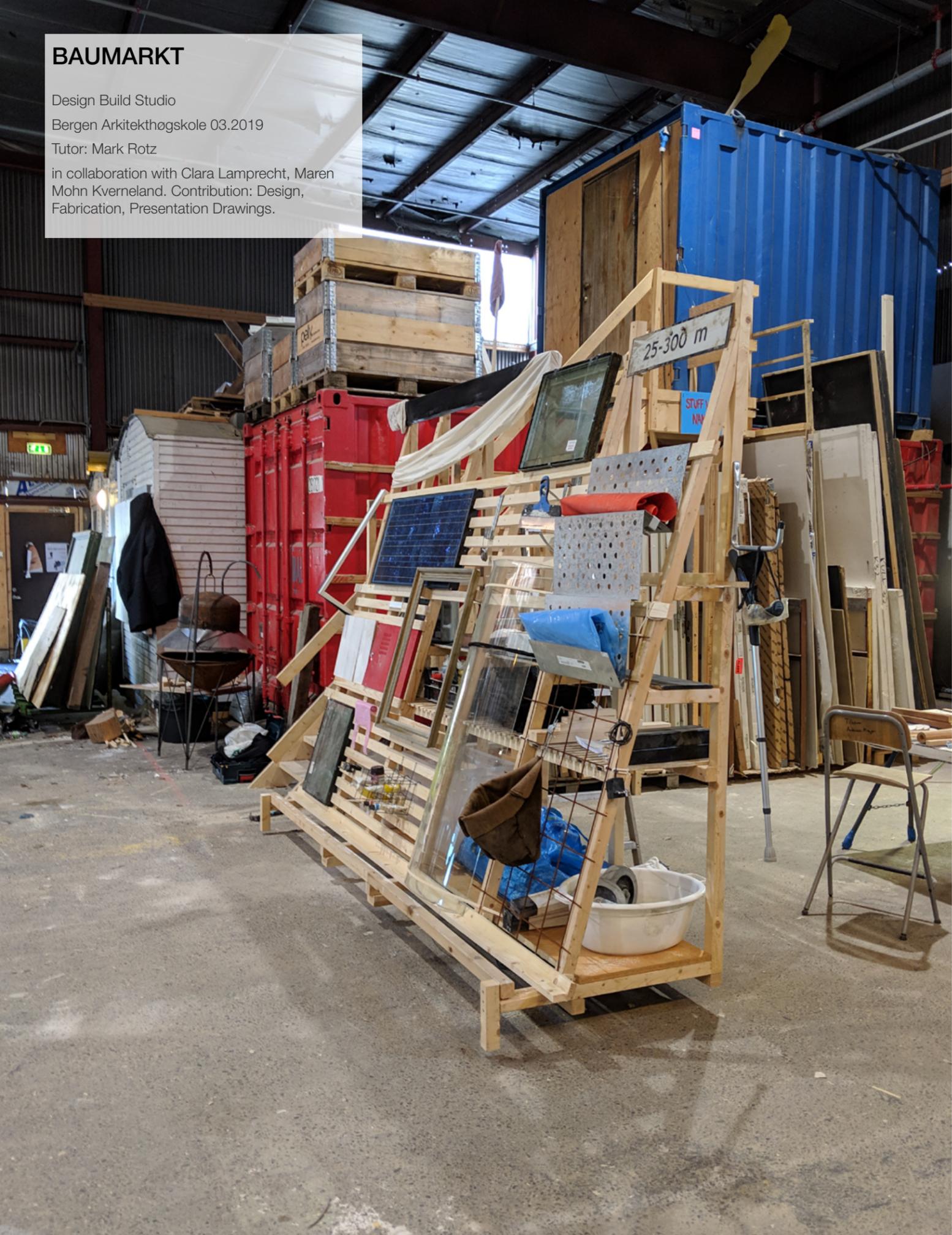
# BAUMARKT

Design Build Studio

Bergen Arkitektthøgskole 03.2019

Tutor: Mark Rotz

in collaboration with Clara Lamprecht, Maren Mohn Kverneland. Contribution: Design, Fabrication, Presentation Drawings.



Baumarkt is a living Market located at the Bergen Arkitektthøgskole. The Structure, which is itself built using found objects around the school, acts as a place to store your once precious objects as they wait for a new owner.



1. An abandoned structure becomes the skeleton for baumarkt after it is given wheels and shelves.



2. Found objects are used to create a recycled living facade.



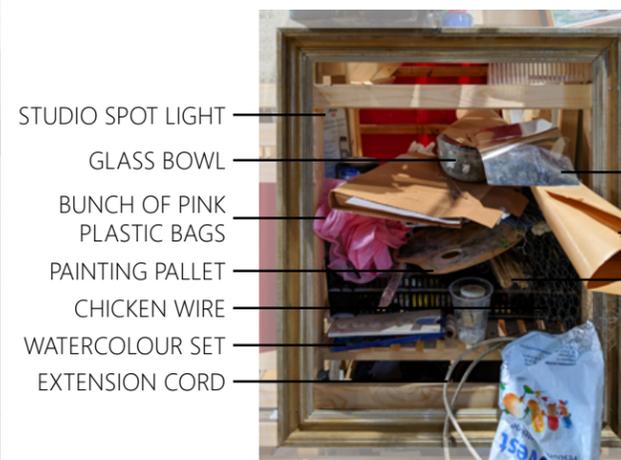
3. Baumarkt gets adopted and added to by students.

## MARCH 2019



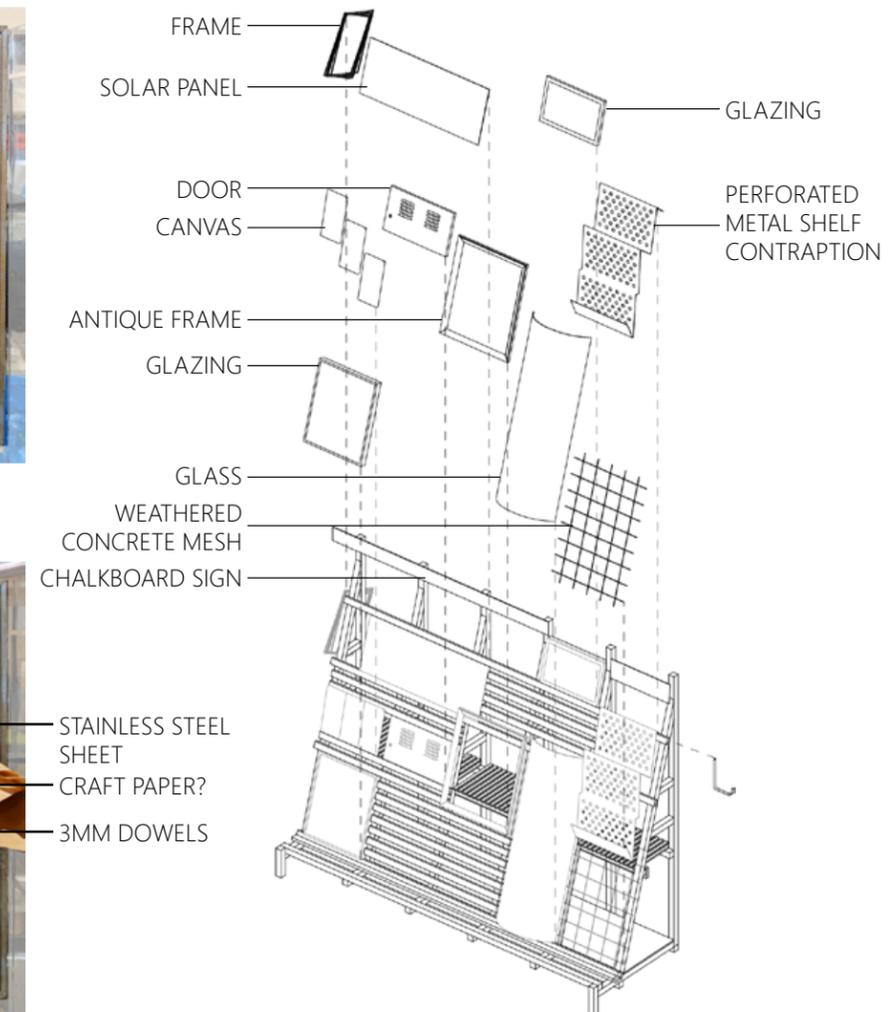
- MISCELLANEOUS PARAPHERNALIA
- BRICK/ STATIONARY HOLDER
- ACRYLIC PAINTS & WATERCOLOUR PIGMENT
- CONTAINER

## MAY 2019



- STUDIO SPOT LIGHT
- GLASS BOWL
- BUNCH OF PINK PLASTIC BAGS
- PAINTING PALLET
- CHICKEN WIRE
- WATERCOLOUR SET
- EXTENSION CORD
- STAINLESS STEEL SHEET
- CRAFT PAPER?
- 3MM DOWELS

## EXPLODED AXONOMETRIC



- FRAME
- SOLAR PANEL
- DOOR
- CANVAS
- ANTIQUE FRAME
- GLAZING
- GLASS
- WEATHERED CONCRETE MESH
- CHALKBOARD SIGN
- GLAZING
- PERFORATED METAL SHELF CONTRAPTION

Students are invited to add to the Baumarkt and take from it as and when they find the need.

# HOPE FOR HEARTS

Hope for Hearts Charity Gala Installation

Supervising Professor: Vincent Hui

In collaboration with [R]Ed[U]X Lab Collective:  
Jason Glionna, Zeenah Ali-Mohammed, Tess Macpherson, Valerie Poon, Jonathan Kim.

Contribution: Project Lead - design, prototyping, arduino coding, logistics, securing funding, fabrication, drawings



Image courtesy of Yvonne Bambrick

The Hope for Heart Wall was an exploration of interactive design and how it can benefit the community. A responsive wall was designed to highlight the annual Hope For Heart Charity Gala. It celebrated the outstanding work of the Cardiac Research

Division of the SICK KIDS foundation and hoped to increase funding towards its cause.

The wall was fitted with ultra-sonic sensors which would trigger as people approached it. As more people gathered around the

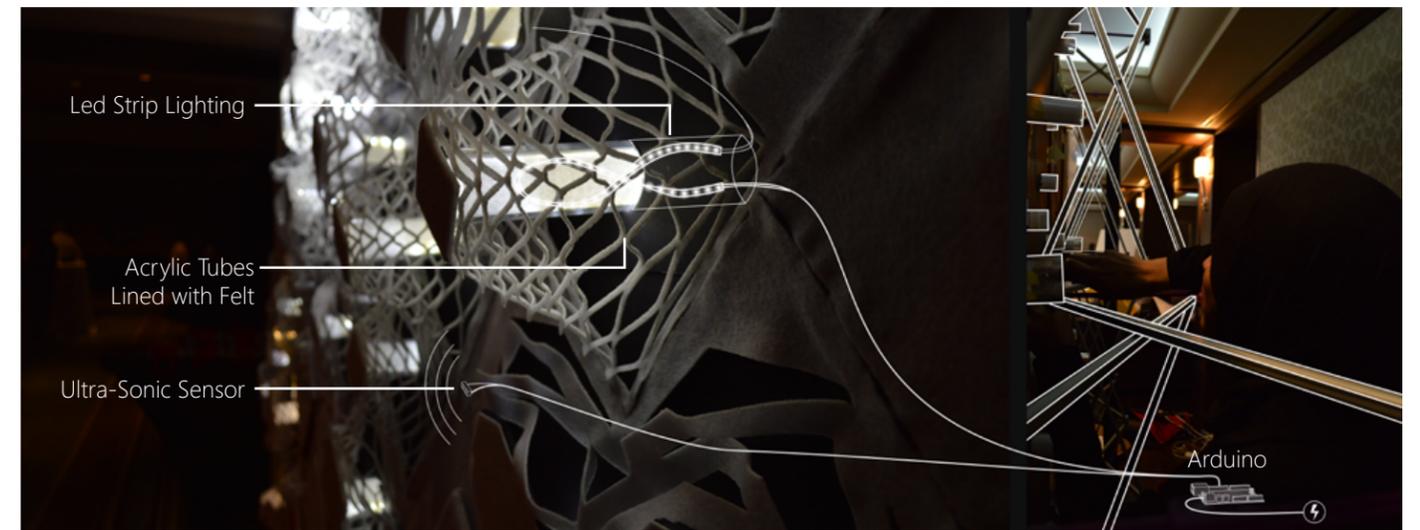
wall it would begin to pulsate gradually speeding up to an active heart rate. The wall acted as a beacon for the Hope For Heart Charity, actively voicing a need for more research into cardiac issues.



1. Prototyping

2. Wiring

3. Installation



SECTION CUT SHOWING LED LIGHTING DETAIL

Lasercut Felt

Foam panels

Acrylic Space Frame Structure

# TERRENA

Gladstone Grow-Op Competition + Exhibition  
 Art Gallery of Ontario Terroir Symposium

Supervising Professor: Vincent Hui

In collaboration with [R]ED[U]X Lab Collective:  
 Cathy Truong, Erik Aquino, and Matthew Honeyman

Contribution: design, developed mesh growing system, responsible for growing logistics, fabrication, drawings.



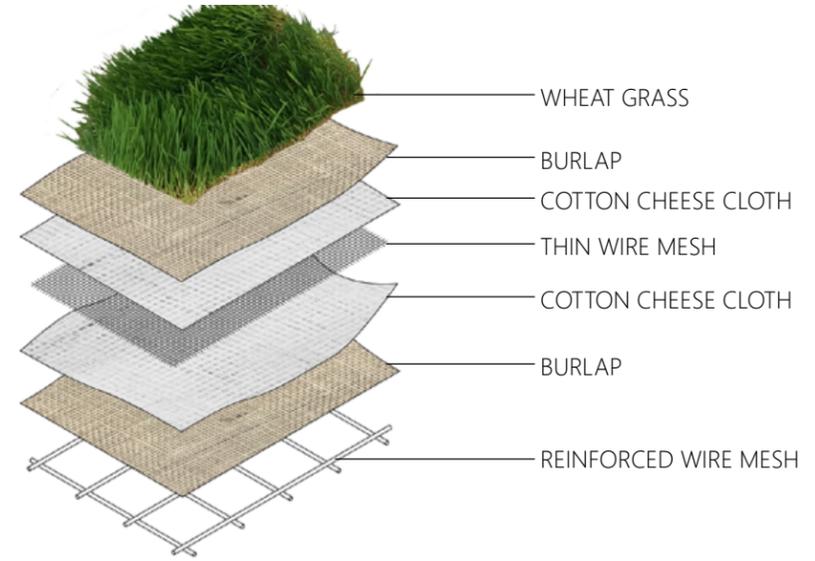
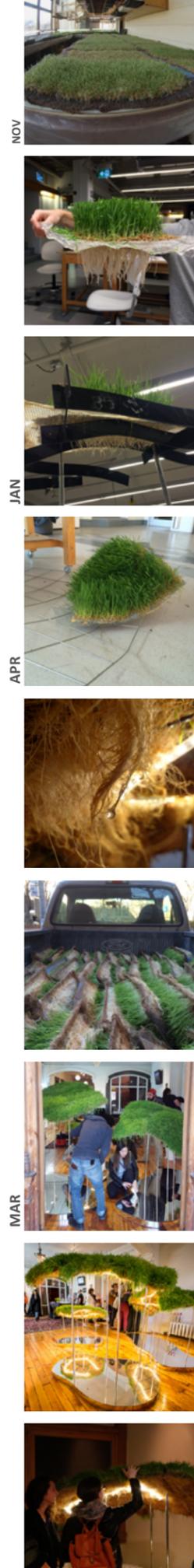
Published in  
**TORONTO LIFE** **blogTO** **AZURE**

Image courtesy of Evollyly Photography

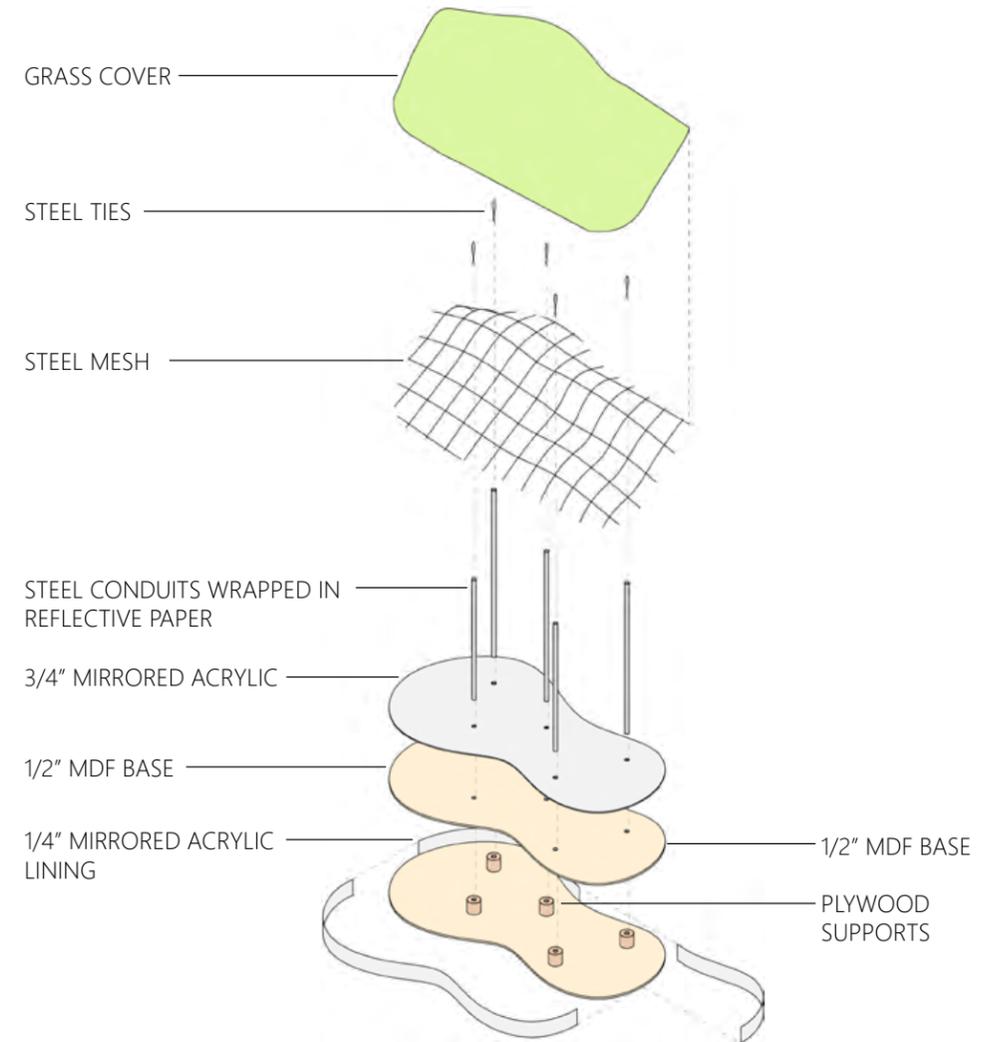
Terrena explores the dichotomy between the manicured lawn and the disorder of nature. The installation brings grass outside its natural habitat, and allows it to float in the room. Visitors experience a friendly element in an unfamiliar environment. Patrons are

asked to spray the grass with water to help sustain its livelihood over the course of the exhibition. The grass stands at eye level exposing its roots and showing the immense amount of resources and effort required to maintain a seemingly natural condition.

The components were developed through a rapid prototyping phase that was informed by the constraints brought upon by using a living material, grass.



Exploded axonometric of mesh growth panels, Abhishek Wagle



Exploded axonometric showing assembly, Abhishek Wagle

# FURNITURE

Independent Work 2024

Designed a series of deconstructable, and deployable furniture using found, reused and recycled materials. Each member is imbued with a story of how it was found and the assembled pieces stitch together a narrative, thus the chairs are imbued with deep meaning. The objects carry more weight than just their intended use, and offer literal and material adaptability. Through the opportunity to reuse the materials, the sentimental meanings of its' parts, and its fun playful design, the chair is given the agency to actively fight for its relevance as a utilitarian object in the life of the user.

