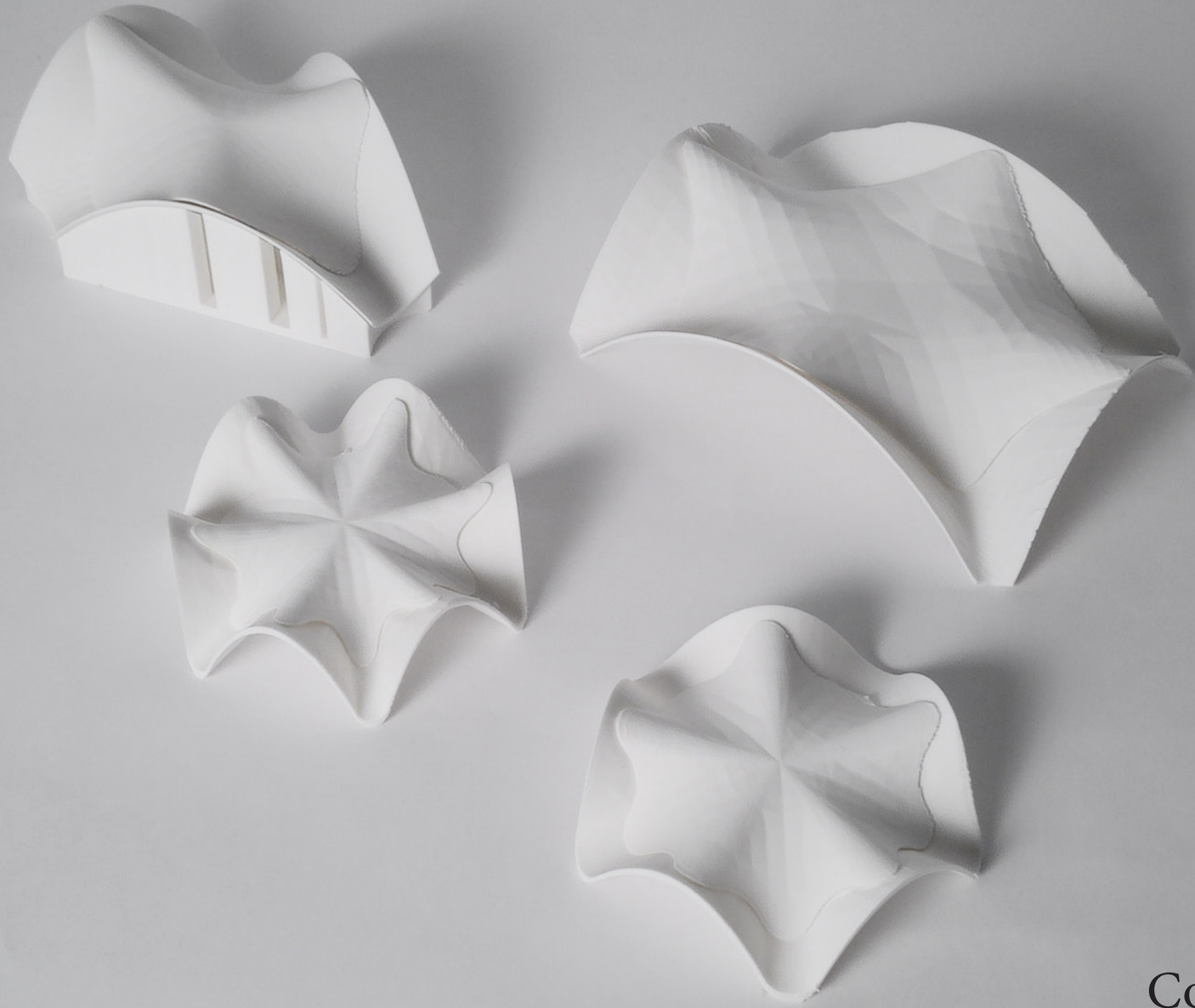


Jamie Schmitt
Arch 501
Exercise 3B



Concept Model

Site Analysis and Research



7 AM



8 AM



9 AM



10 AM



11 AM



12 PM



1 PM



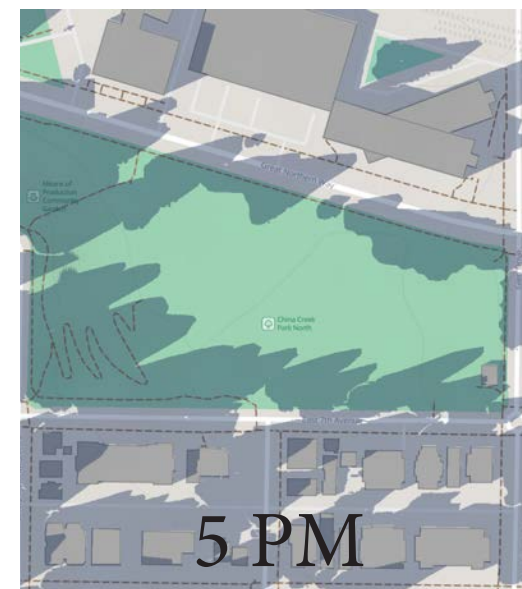
2 PM



3 PM



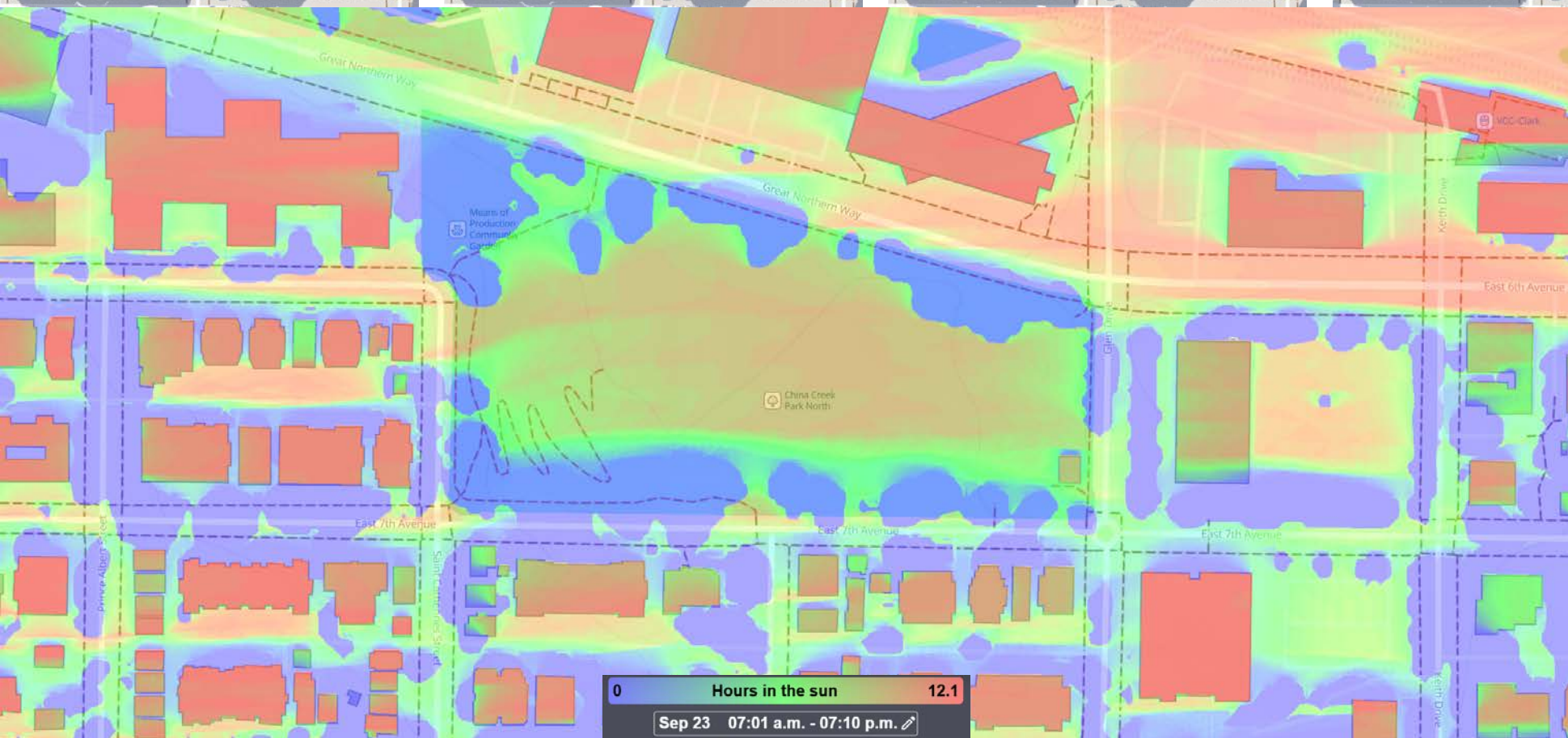
4 PM



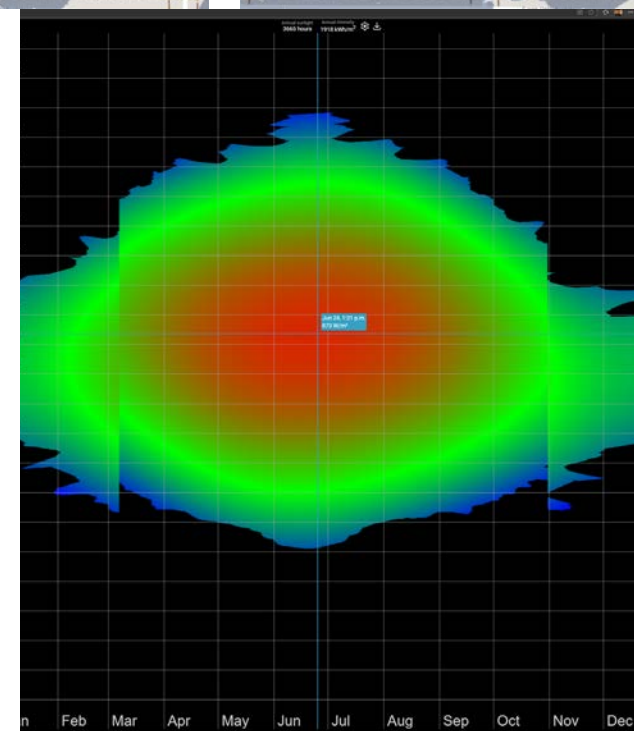
5 PM



6 PM



Hours in the sun 12.1
Sep 23 07:01 a.m. - 07:10 p.m.

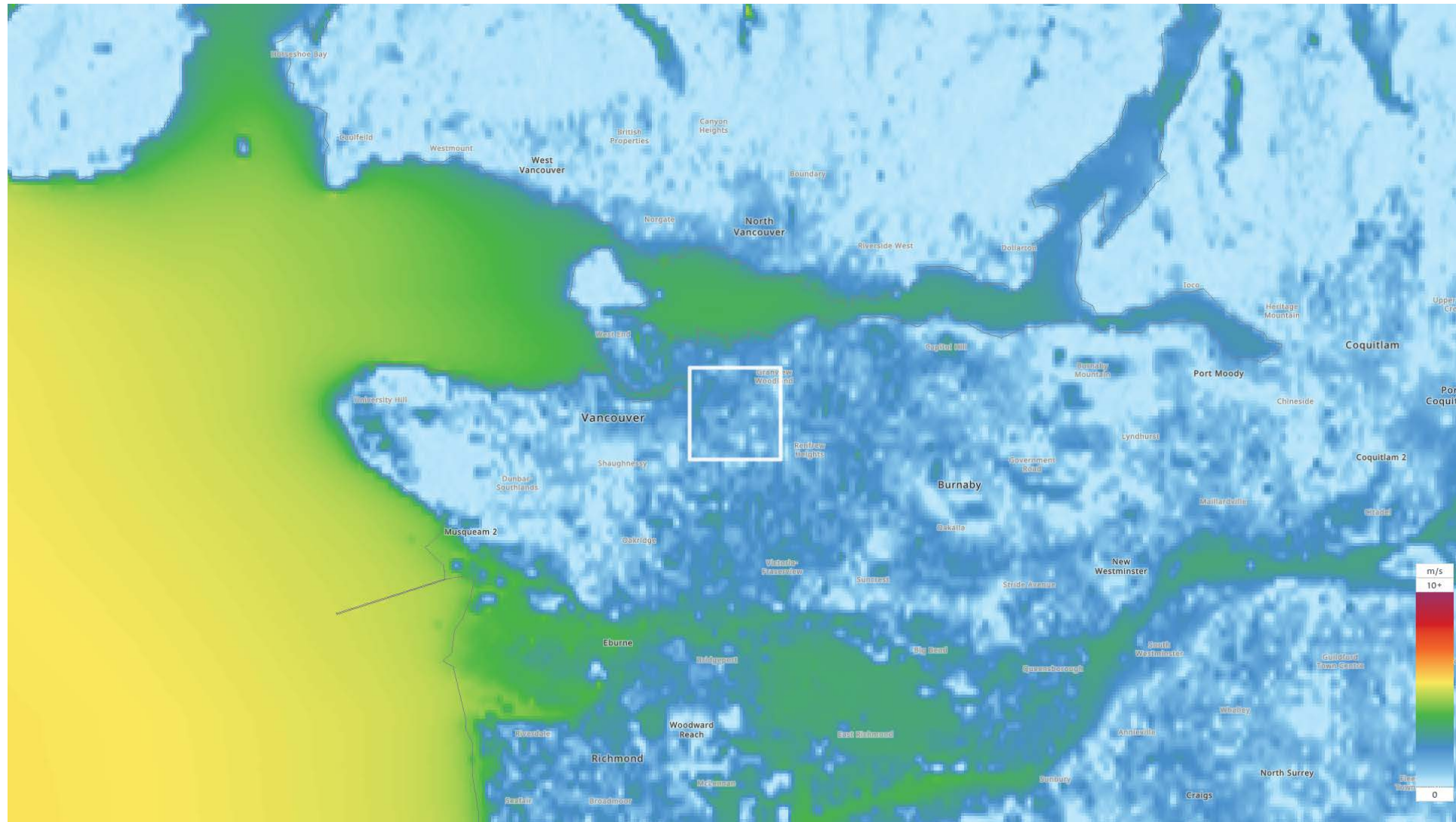


Annual Sunlight: 3665 Hours

Annual Intensity 1918 kWh/m²

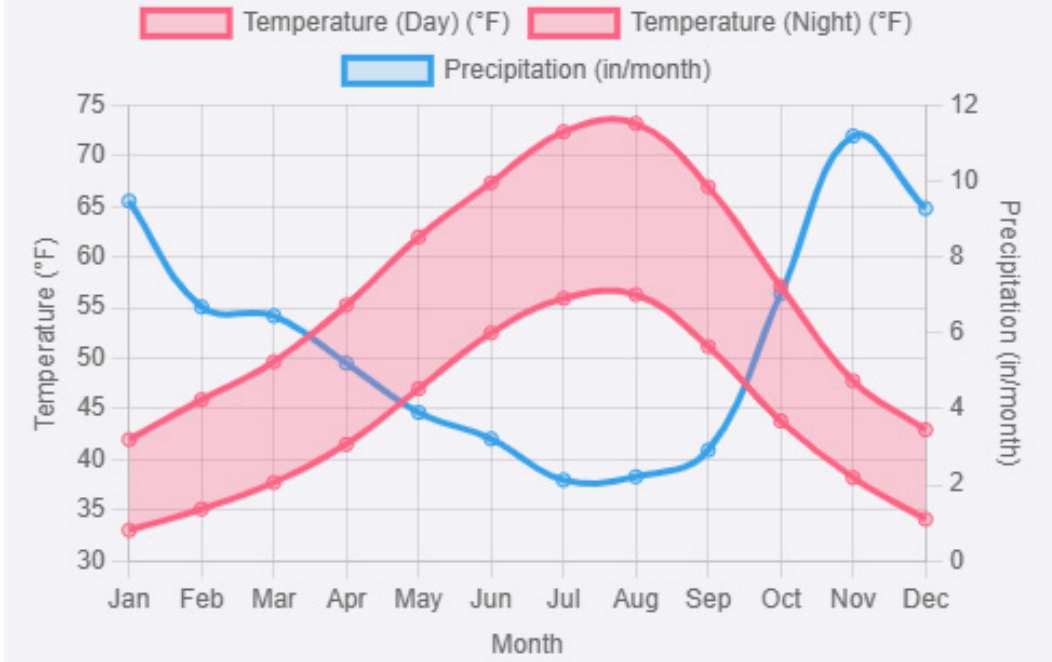
Sun and Shadow Study

GLOBAL WIND ATLAS
MEAN WIND SPEED AT 10m
WIND SPEED



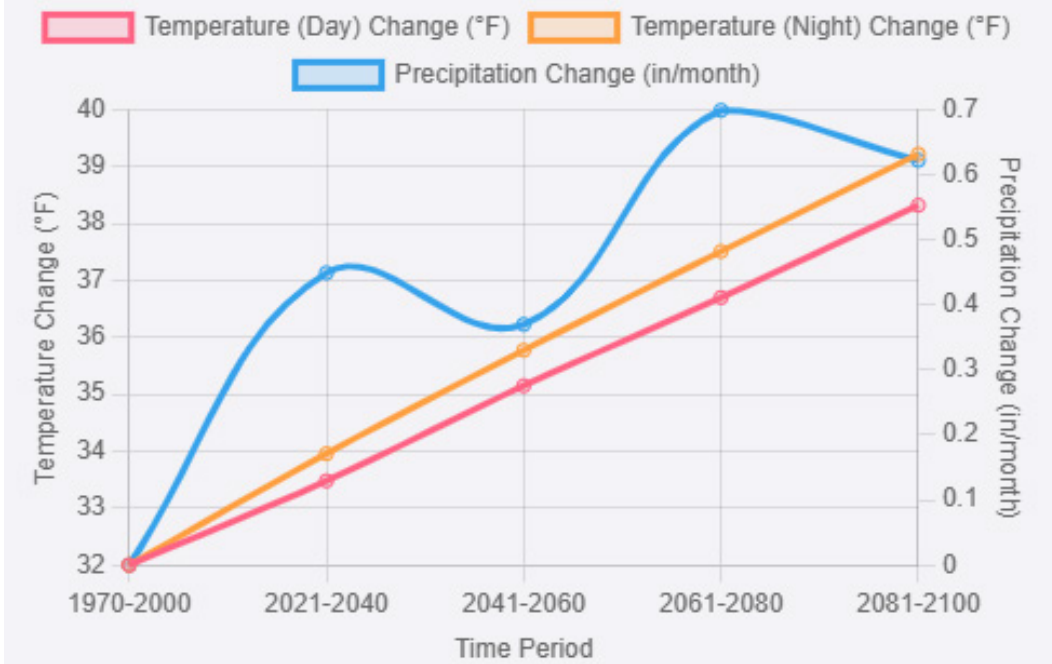
Vancouver, Canada

Climate by Month 1970-2000

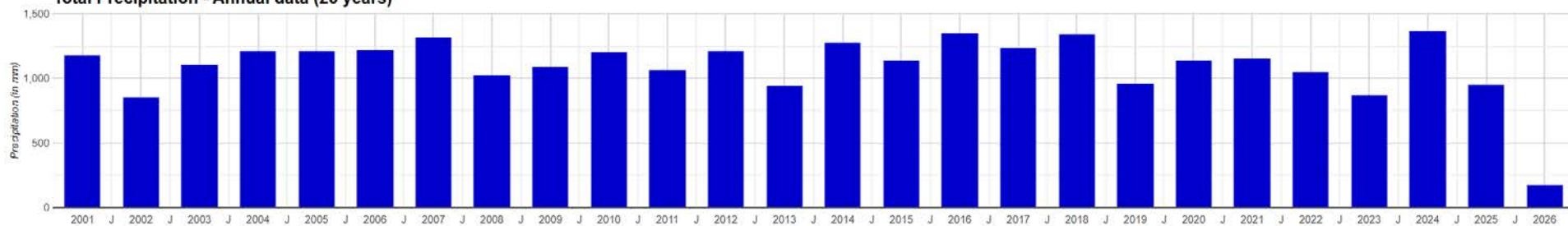


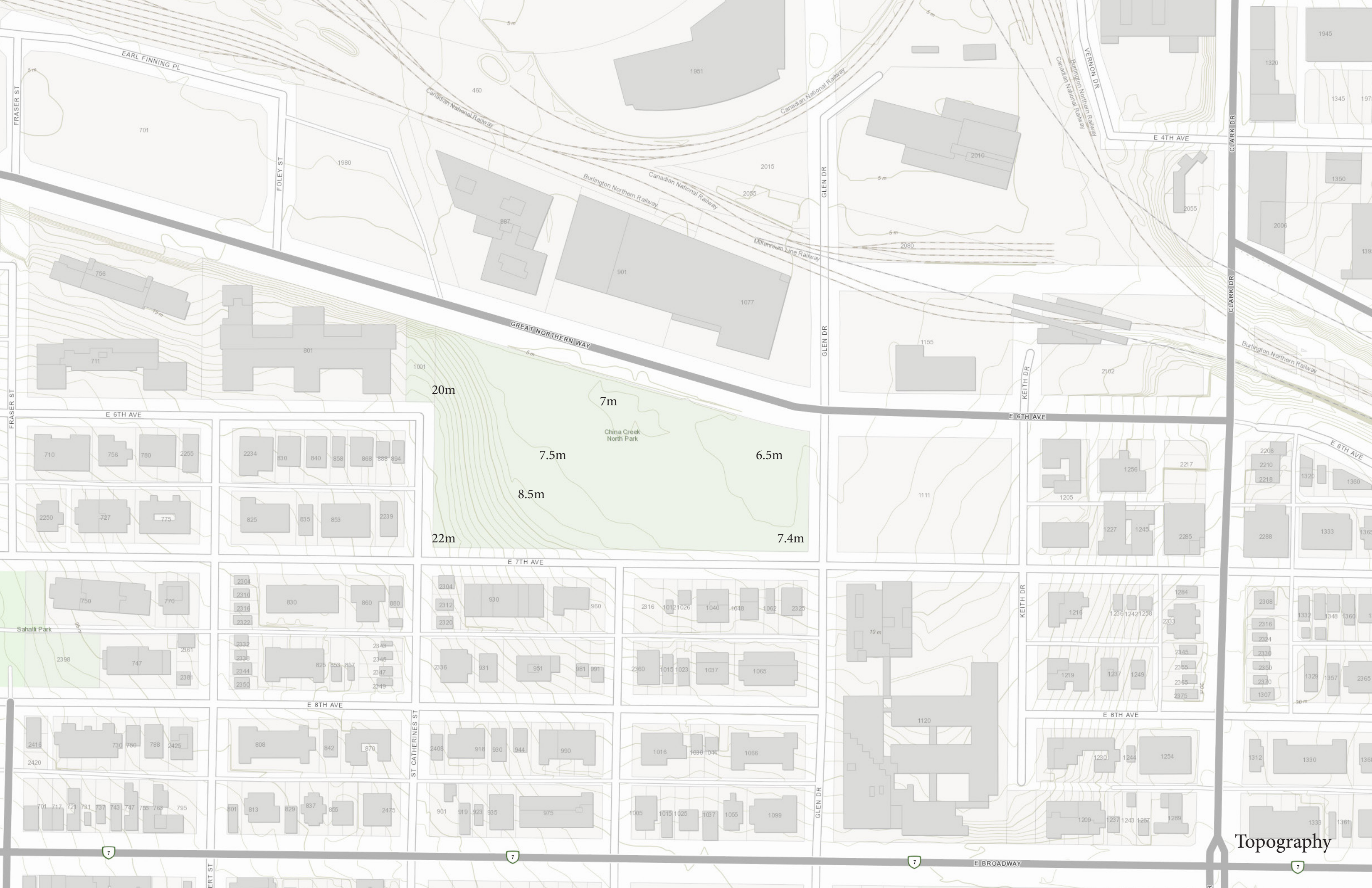
Vancouver, Canada

Climate Change Over Time (February) - SSP370 - ENSEMBLE MEAN



Total Precipitation - Annual data (25 years)





20m
7m
7.5m
6.5m
8.5m
7.4m
China Creek North Park

Topography



- Residential █
- Commercial █
- Educational █
- Public █

- Pedestrian █
- Cyclist █
- Car █
- Bus █
- Skytrain █



Great Northern Wy

Great Northern Wy

Great Northern Wy

E 6th Ave

E 6th Ave

E 7th Ave

E 7th Ave

E 7th Ave

E 7th Ave

E 7th Ave

E 7th Ave

E 8th Ave

E 8th Ave

E Broadway

E Broad

Basketball Court
Recently viewed

Impark (Parking)

SLR Consulting
(Canada) Ltd

Tim Hortons

Steve's Poke Bar
Hawaiian

1933 Liquor Co
Liquor store

EA Great Northern Way

Vancouver Police
Department Property

VPD Tactical
Training Centre

Kal Tire
Tire shop

Clark Drive Plaza

Shopabout Tours

Pete's Stonework
& Landscaping

Means of
Production Garden
Recently viewed

China Creek
North Park
Verdant park with
a jogging track

Kids playground

ConTiki Cabana
Recently viewed

Mount Pleasant
Physiotherapy
Temporarily closed

Jasmine Place Co-Op

Great Heights
Building Maintenance

BC SPCA Vancouver

Terris & Company

Local Health
Integrative Clinic

Sahalli Park
Playground

Hillside Estates

Mount Pleasant
Child Care

China Creek Place

VCC - Broadway
Campus Building B

Jim The Painter
Anavets Senior Citizens
Housing Society

VCC Vancouver
College

Mi Casa

Aria Manor

Aboriginal
Patients' Lodge

Solaya Yoga

La Dulceria
Sweets & Treats
Ice Cream

King Edward Manor

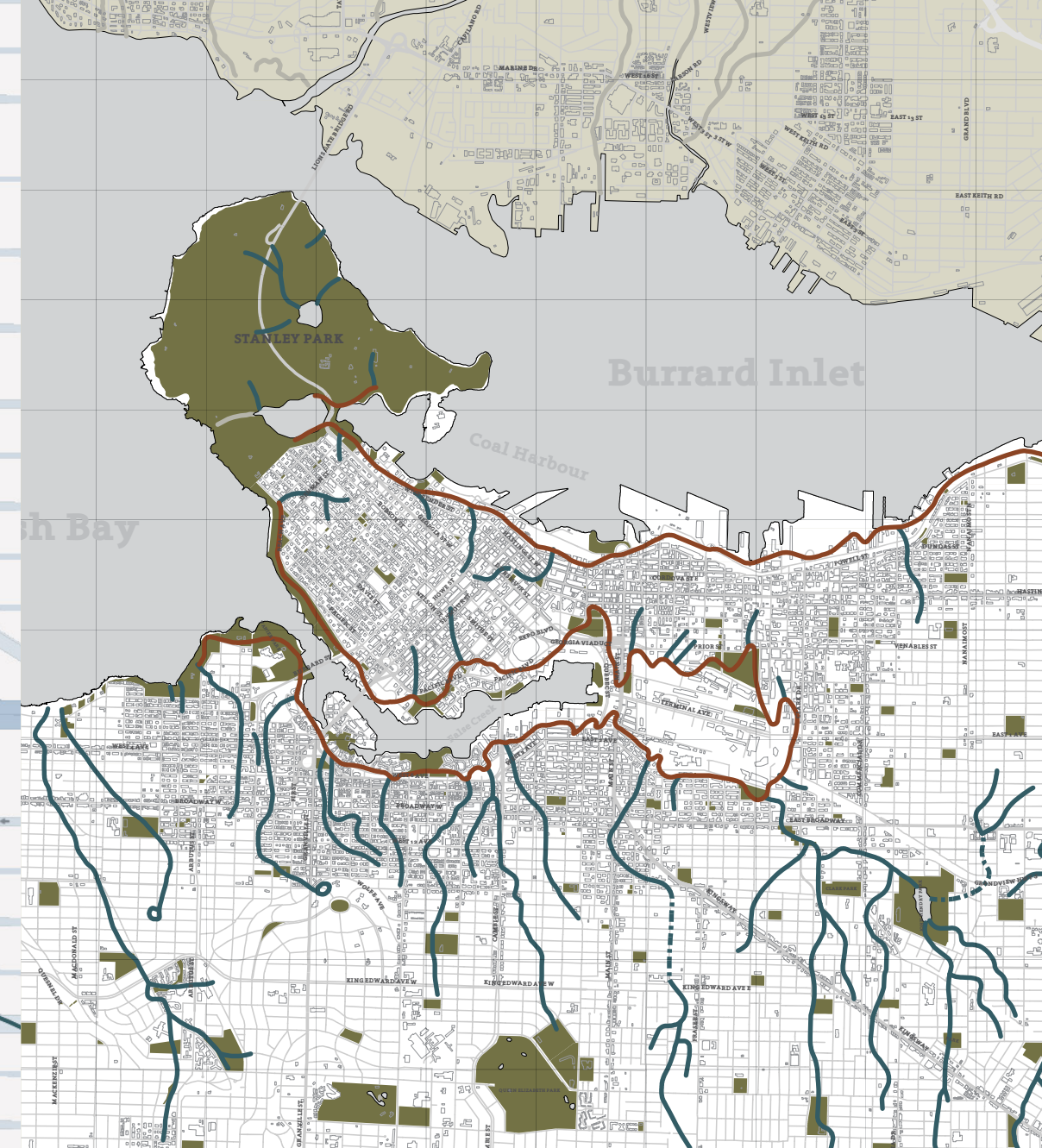
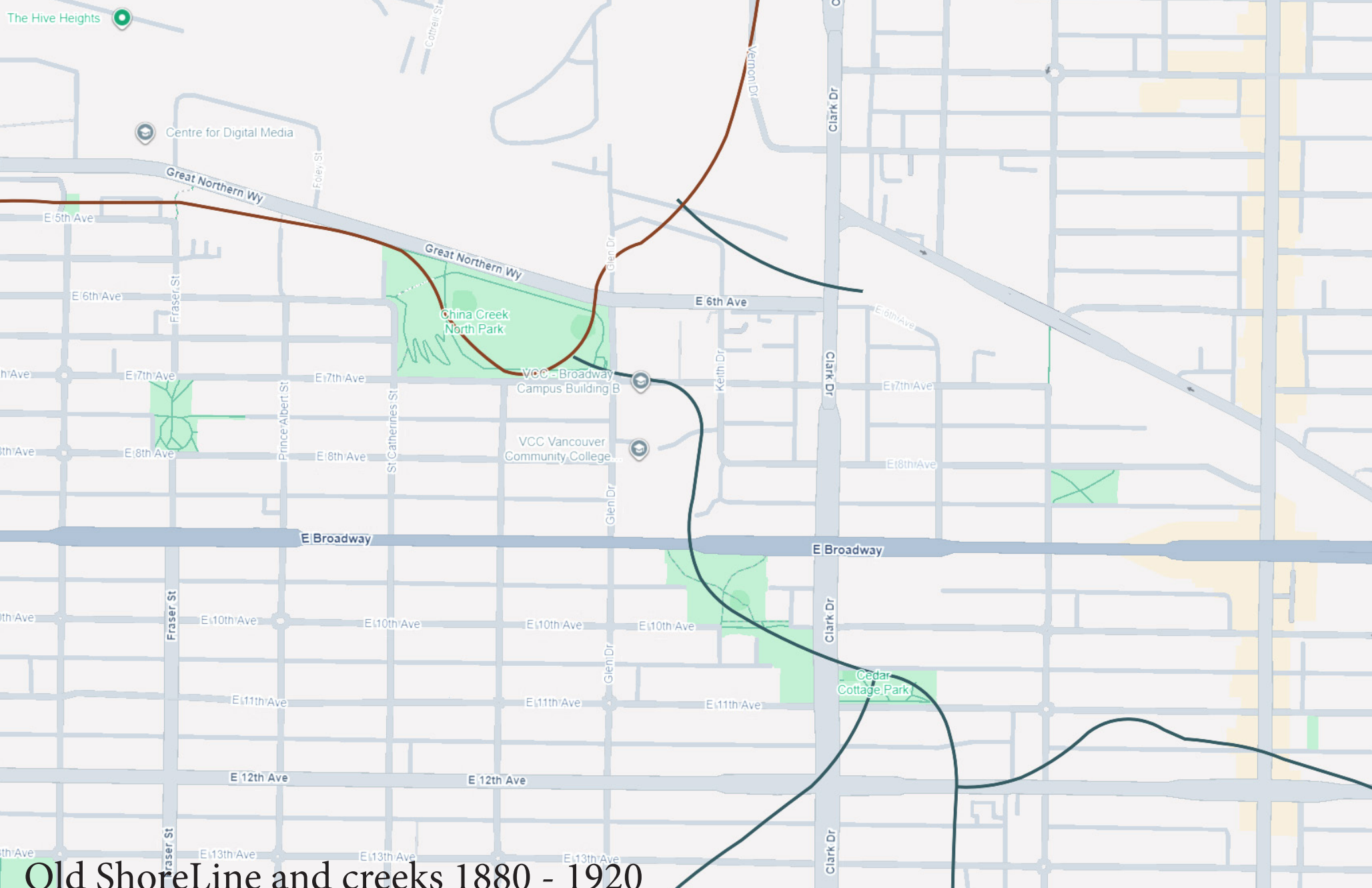
Petro-Canada

Pleasant
Neighborhood House

Pale Fire

Glen Court

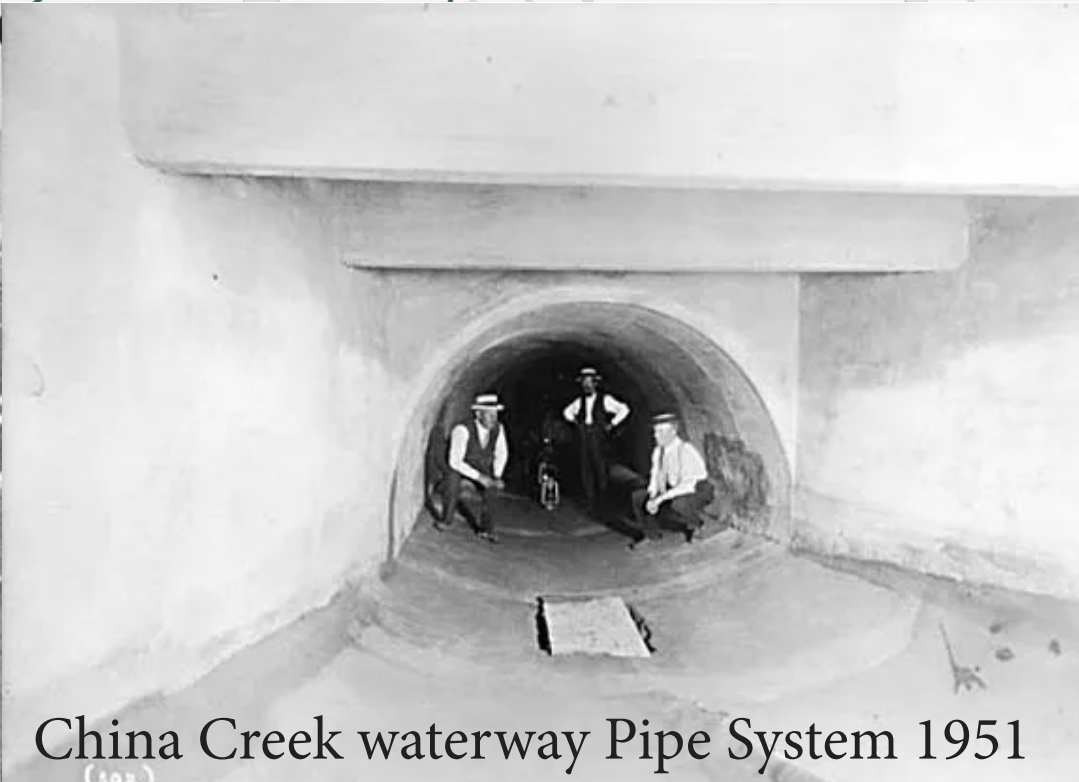
China Creek
Community Garden



Old ShoreLine and creeks 1880 - 1920



China Creek 1950

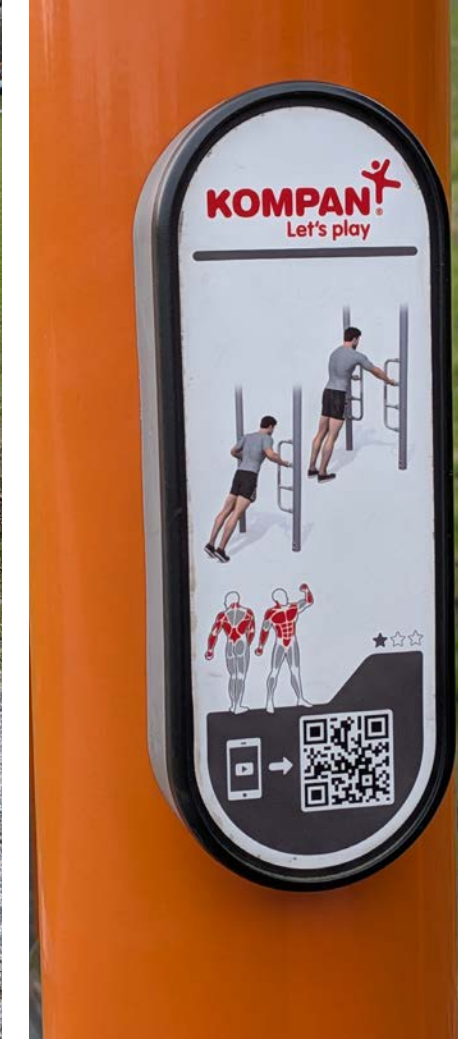


China Creek waterway Pipe System 1951

1888: Charles Cleaver Maddams purchased 5 acres in the region and names it China Creek after a nearby pig farm

1920's - 30s: Used as a garbage dump

1951: Pipe construction began along with revitalization efforts



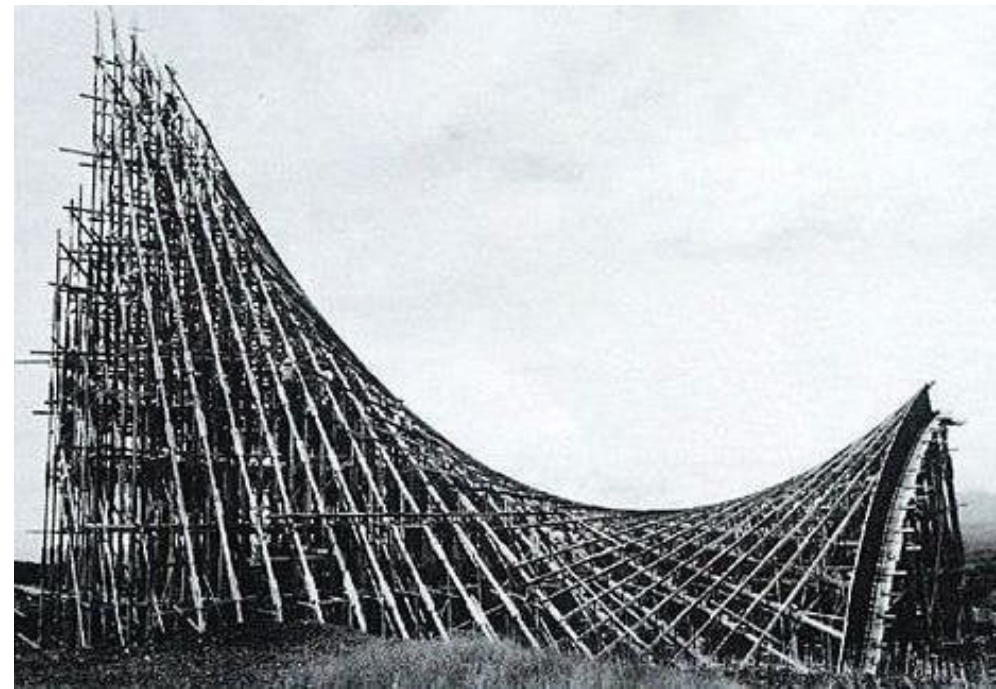
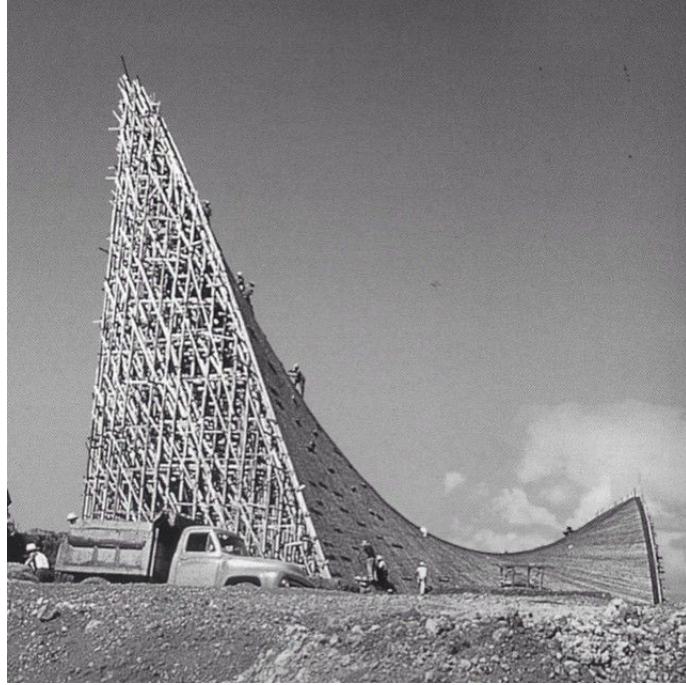
Means of Production
Garden

Exercise Equipment

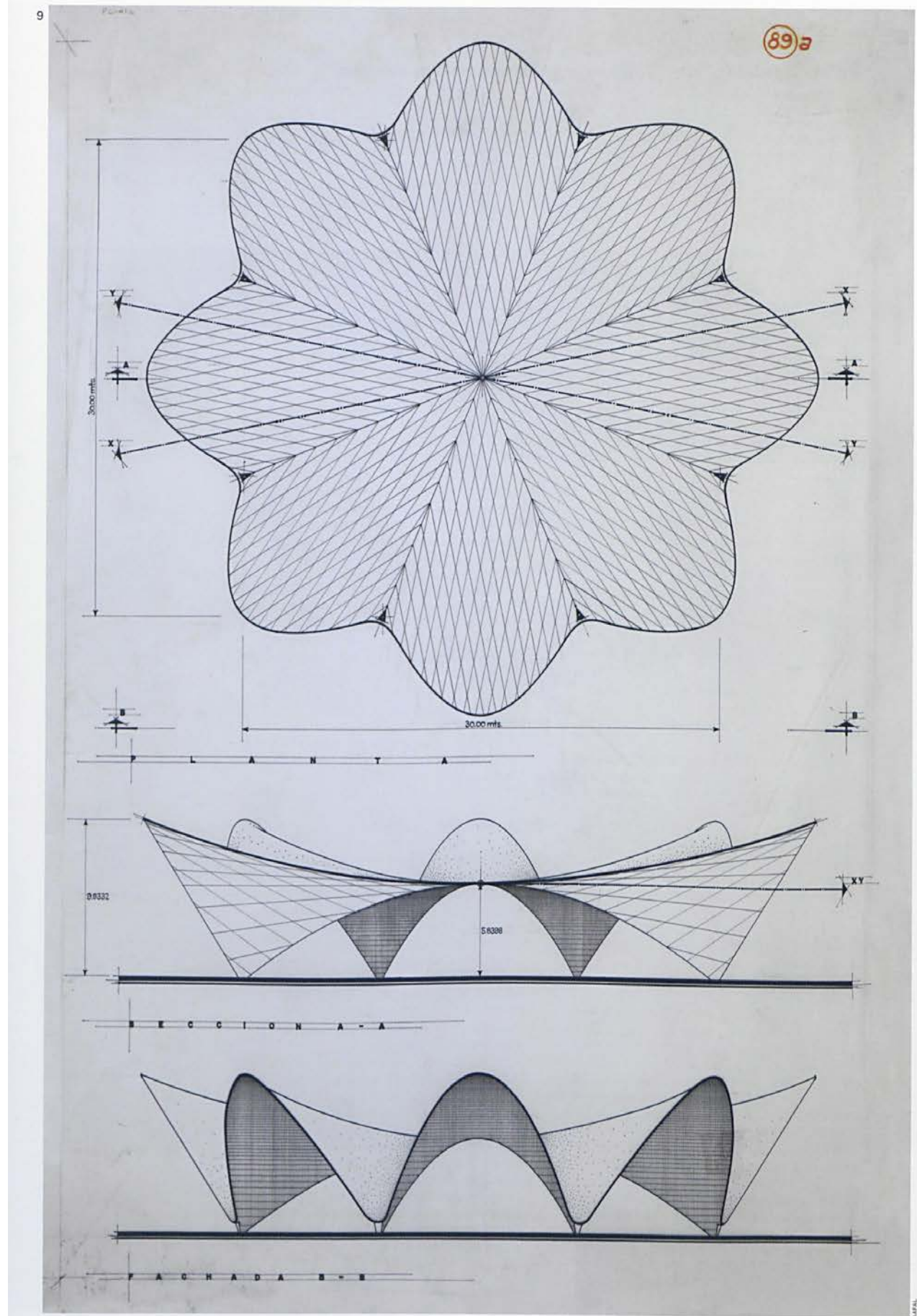
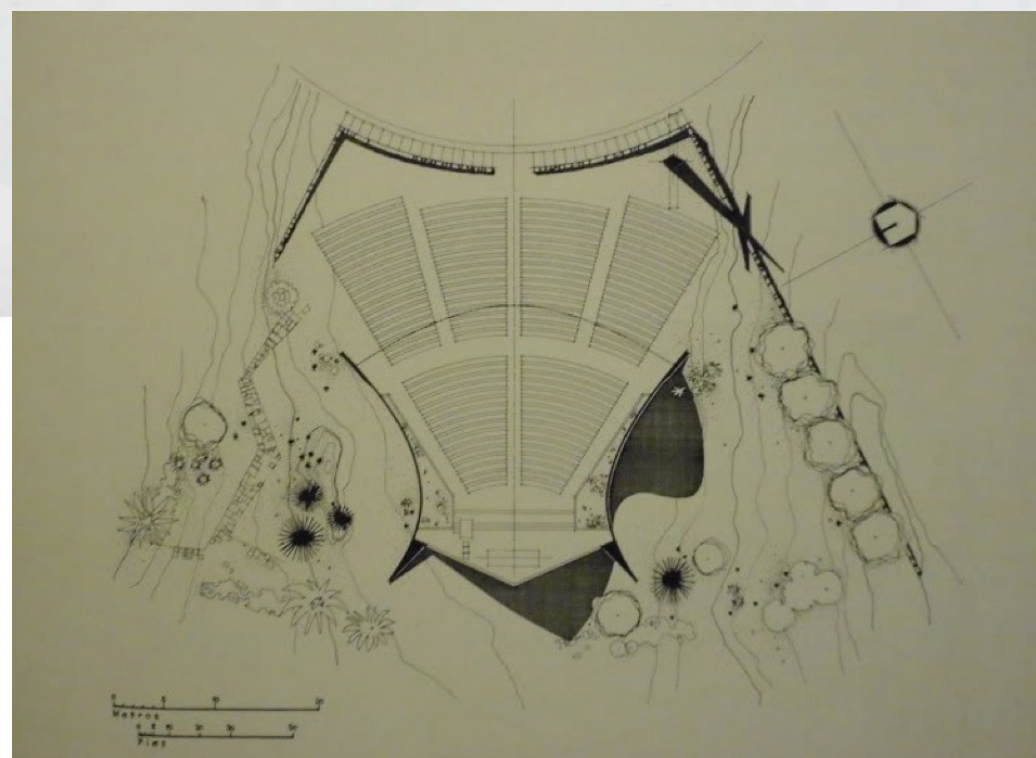
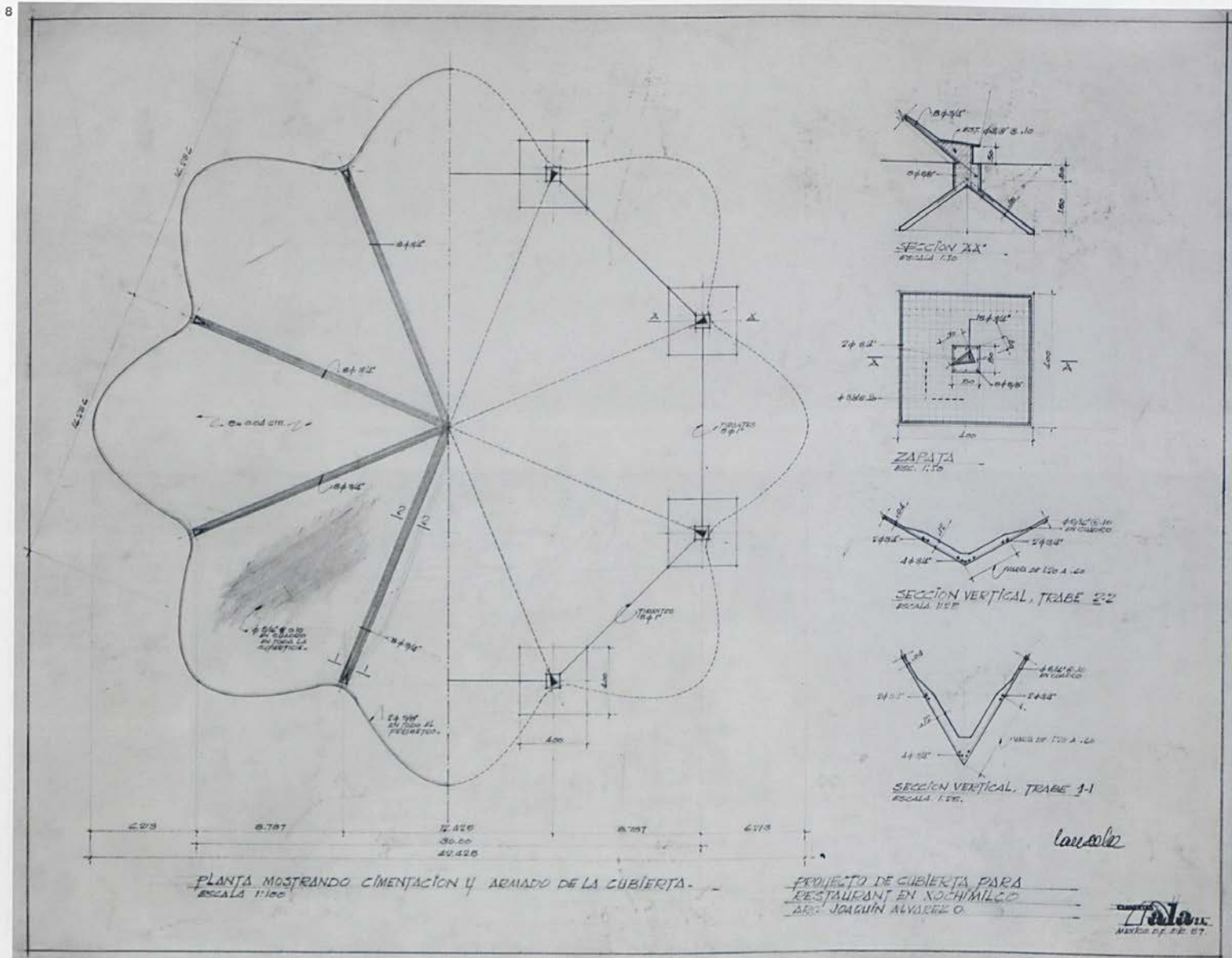
Snow Sledding

Geo Caches

Culture



Felix Candela
Chapel Lomas De Cuernavaca
Oceanografic Valencia

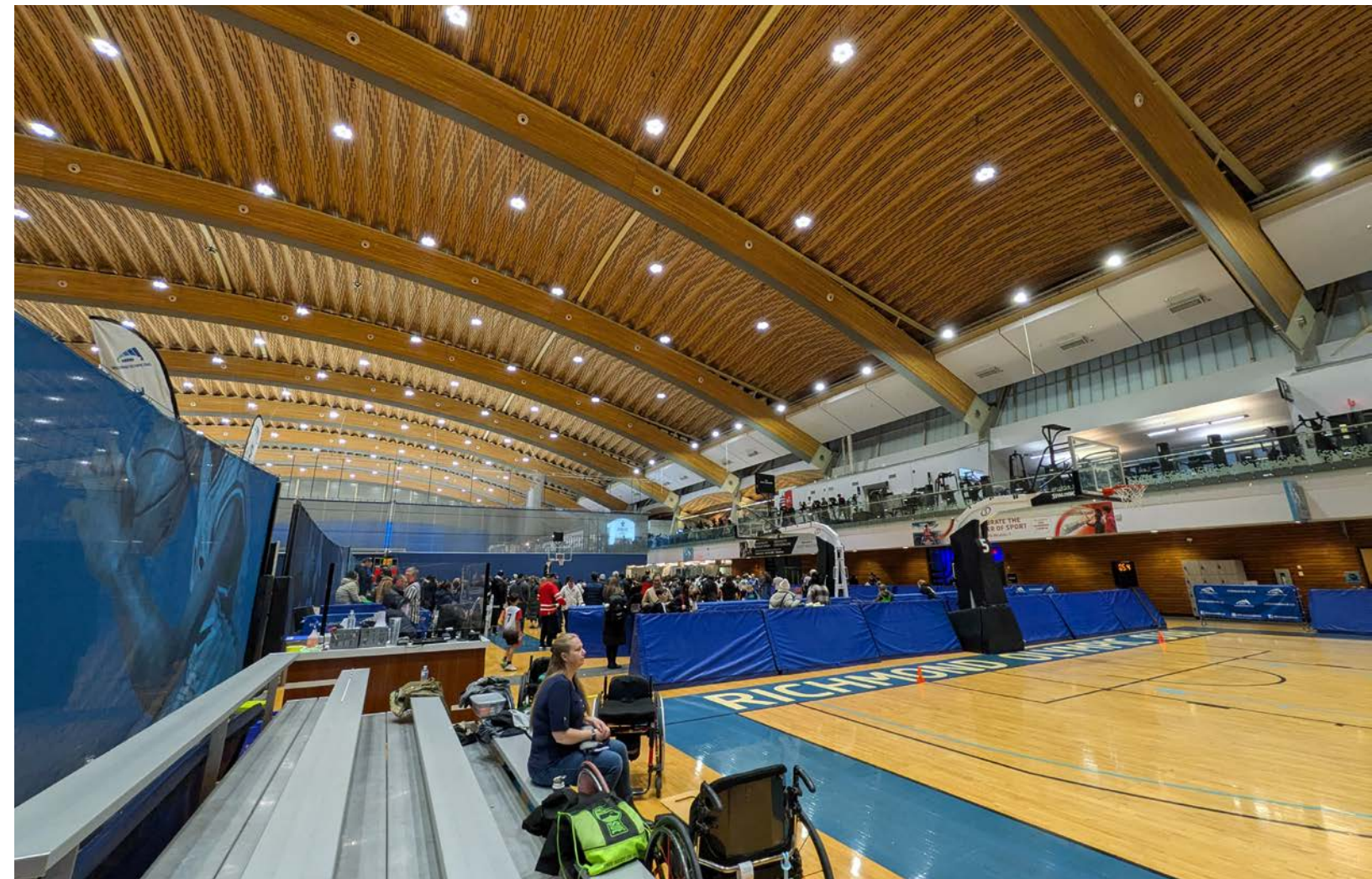
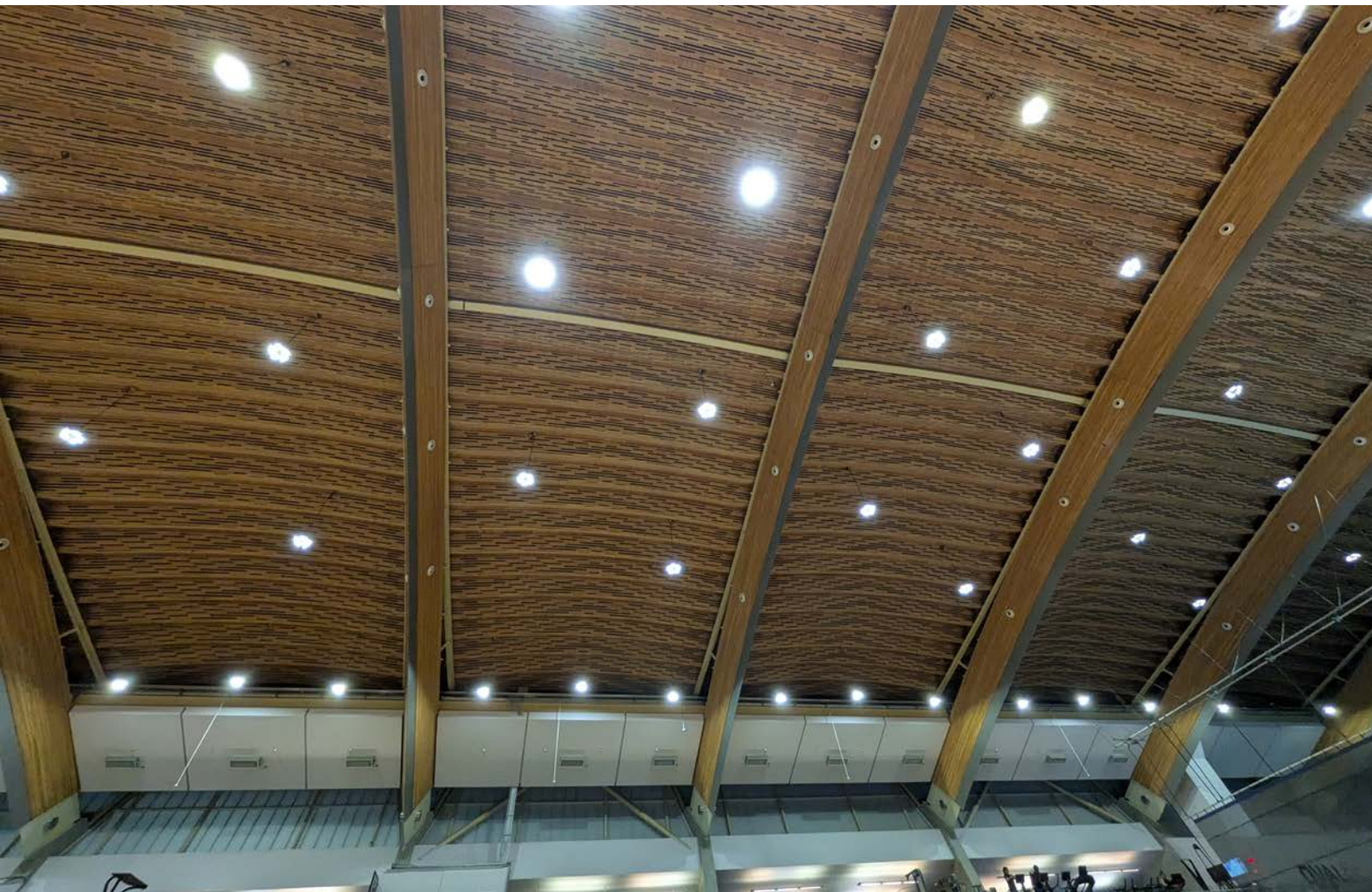


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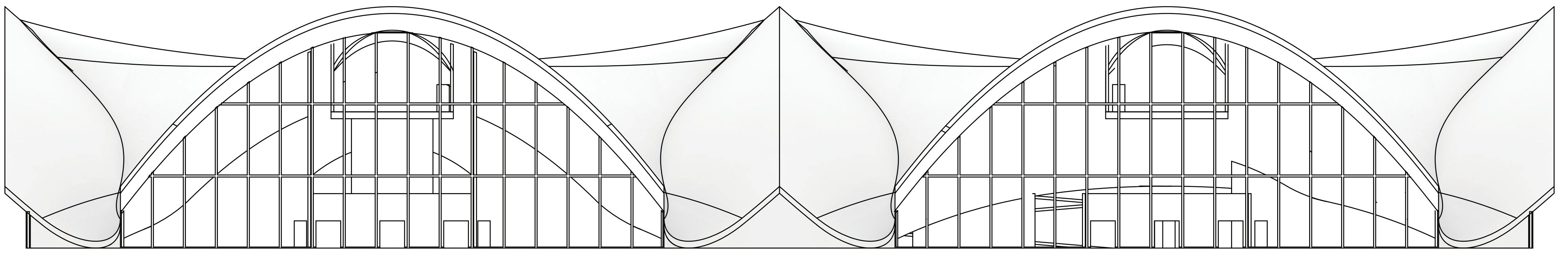
Precedent - Zaha Hadid's Heydar Aliyev Center



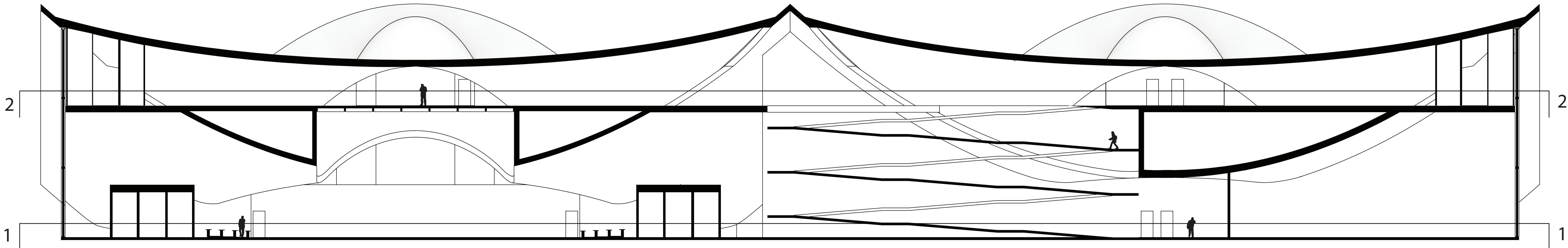
Precedent - Richmond Olympic oval



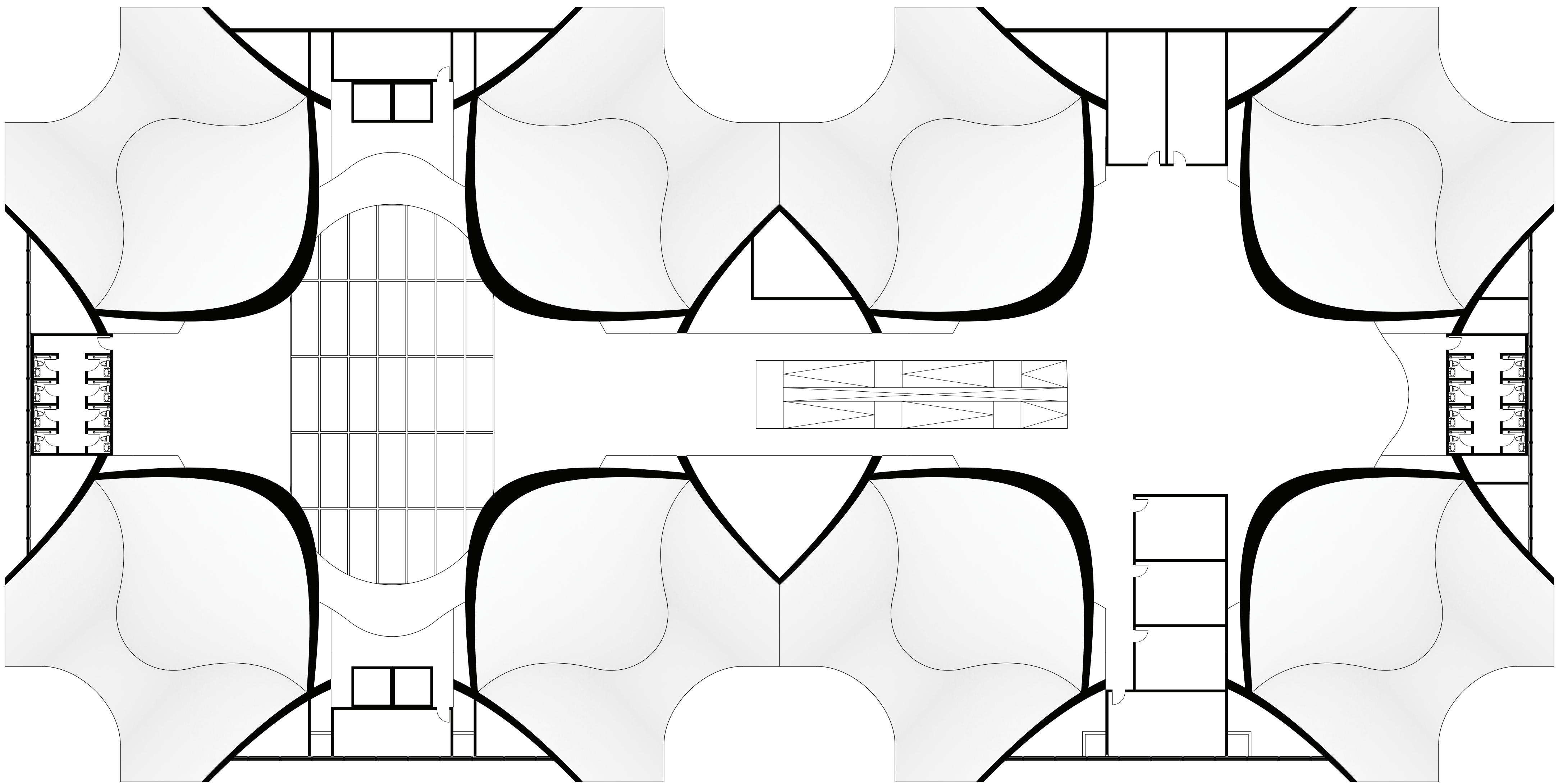
Drawings



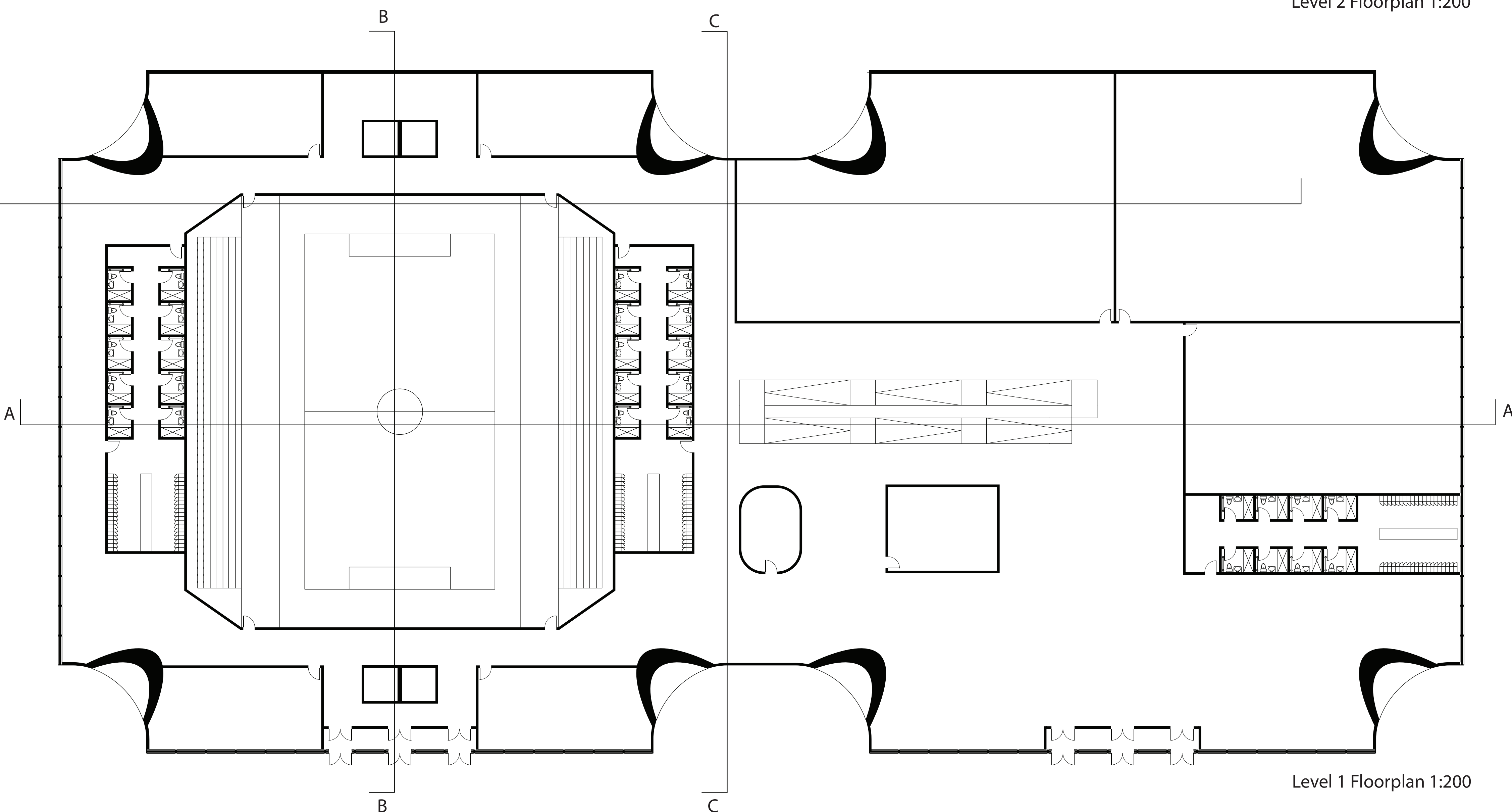
Front Elevation 1:200



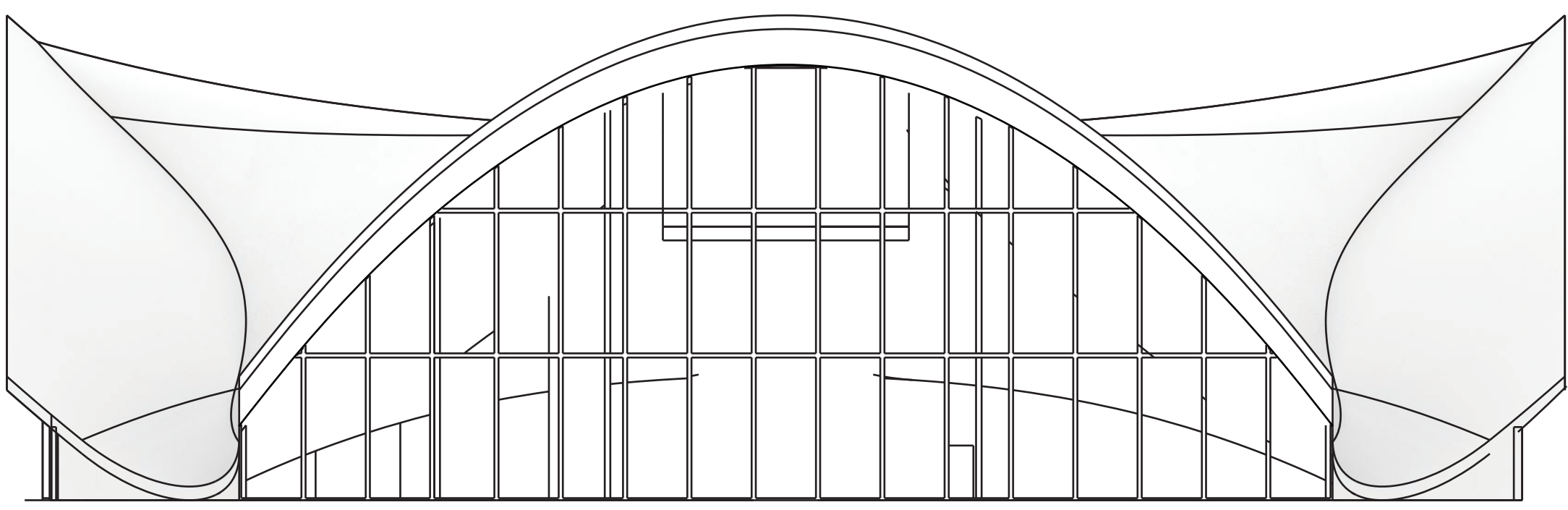
Section A 1:200



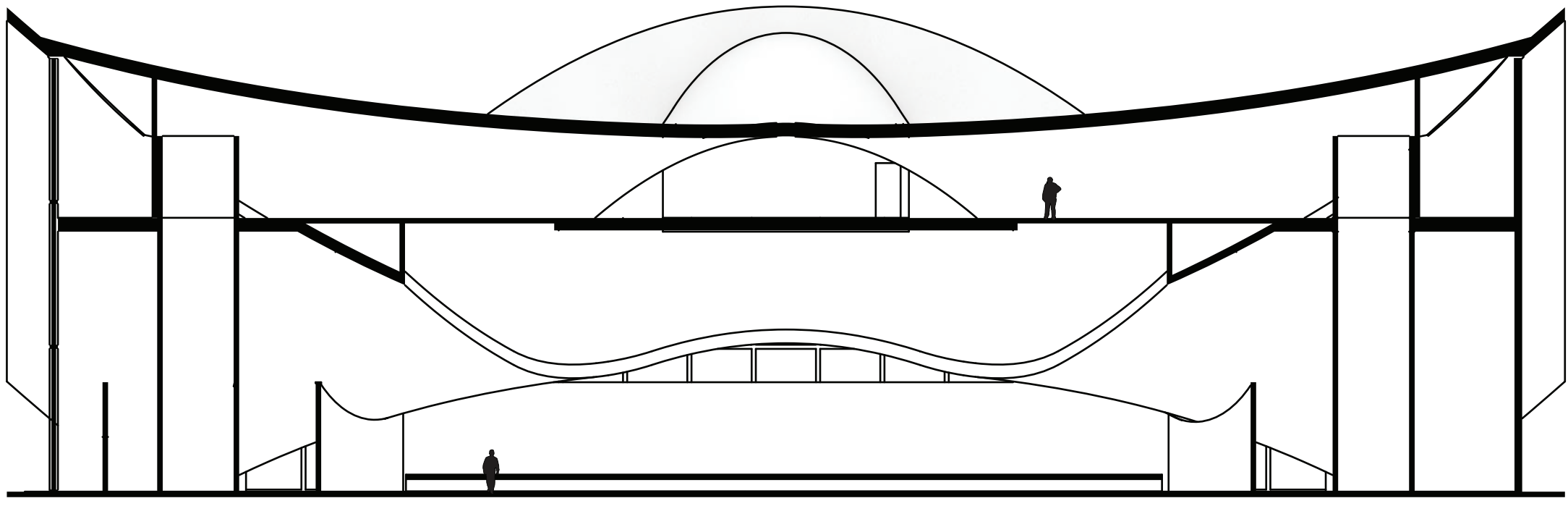
Level 2 Floorplan 1:200



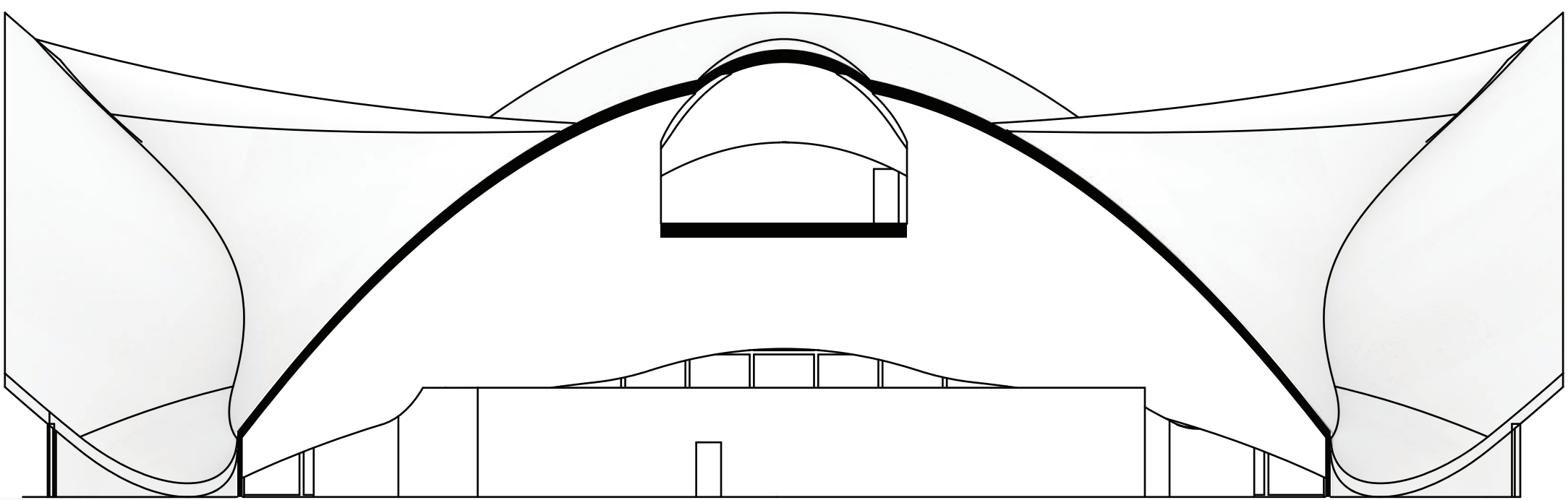
Level 1 Floorplan 1:200



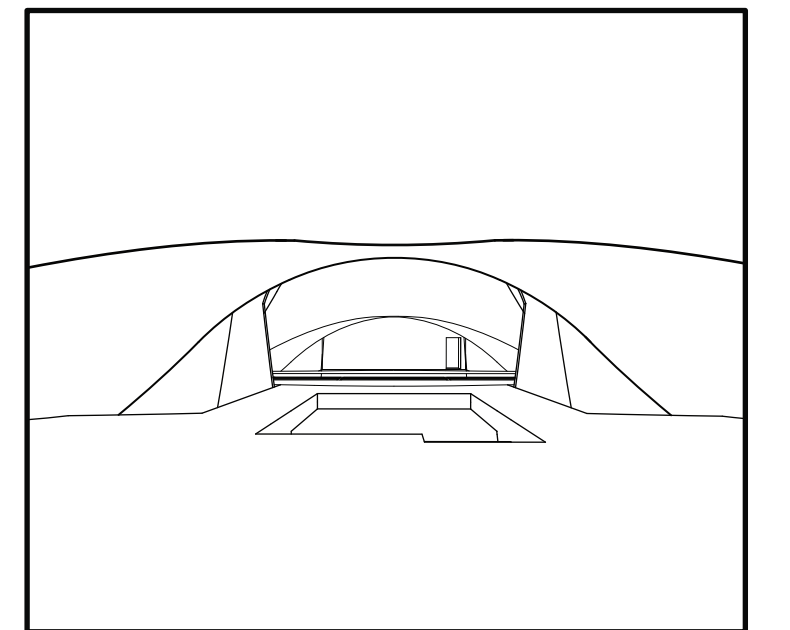
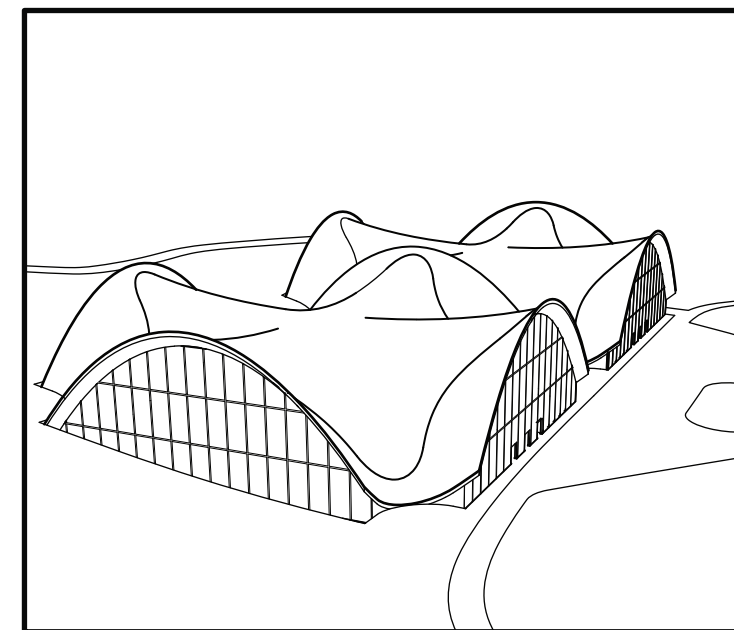
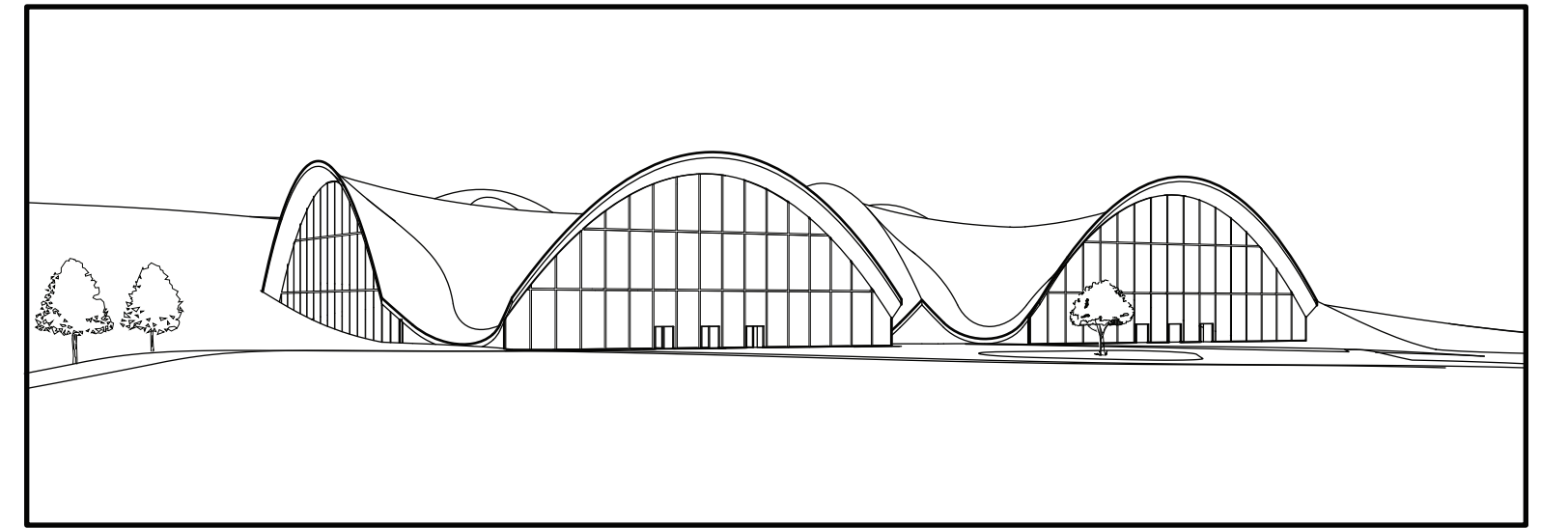
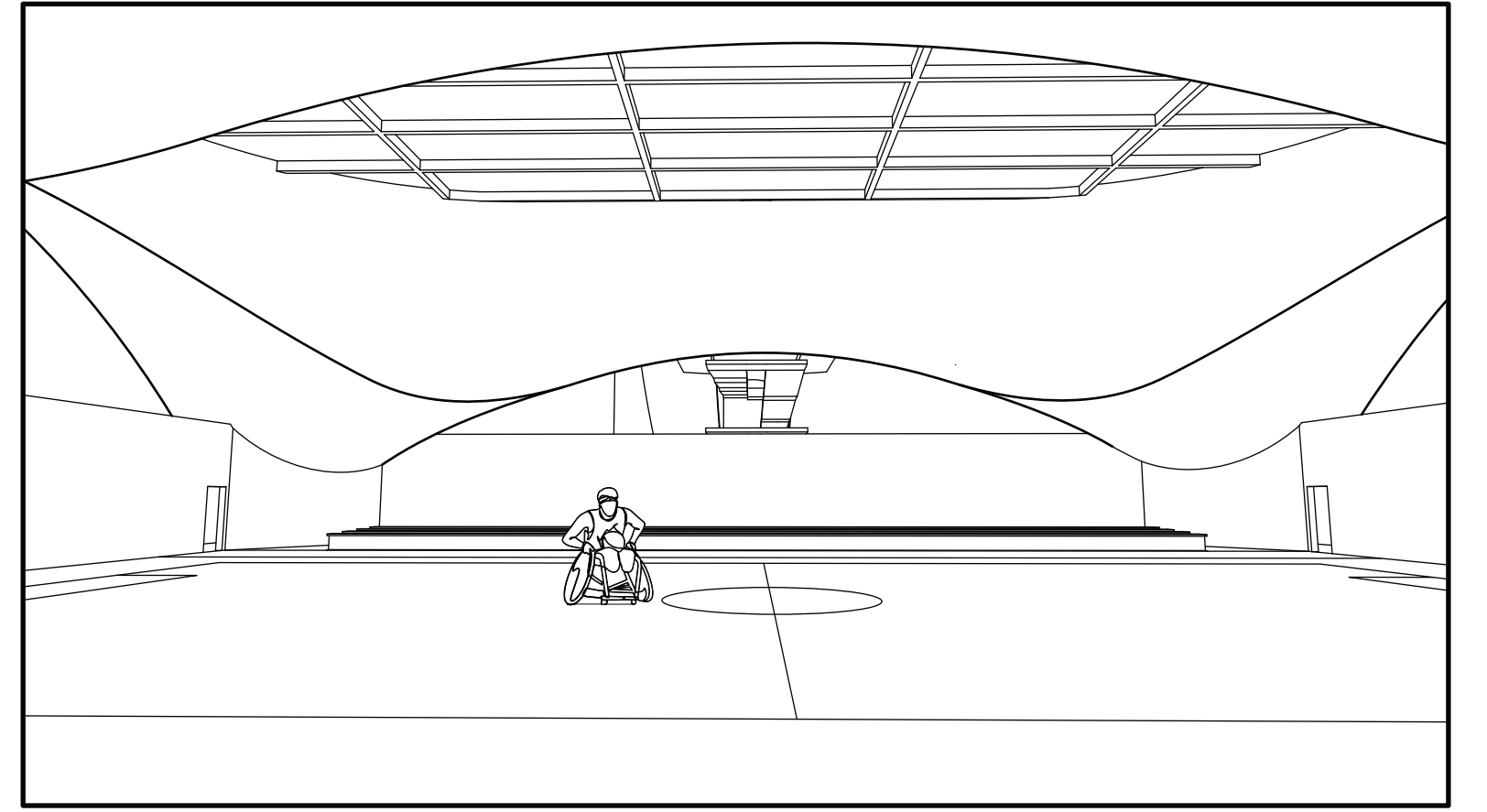
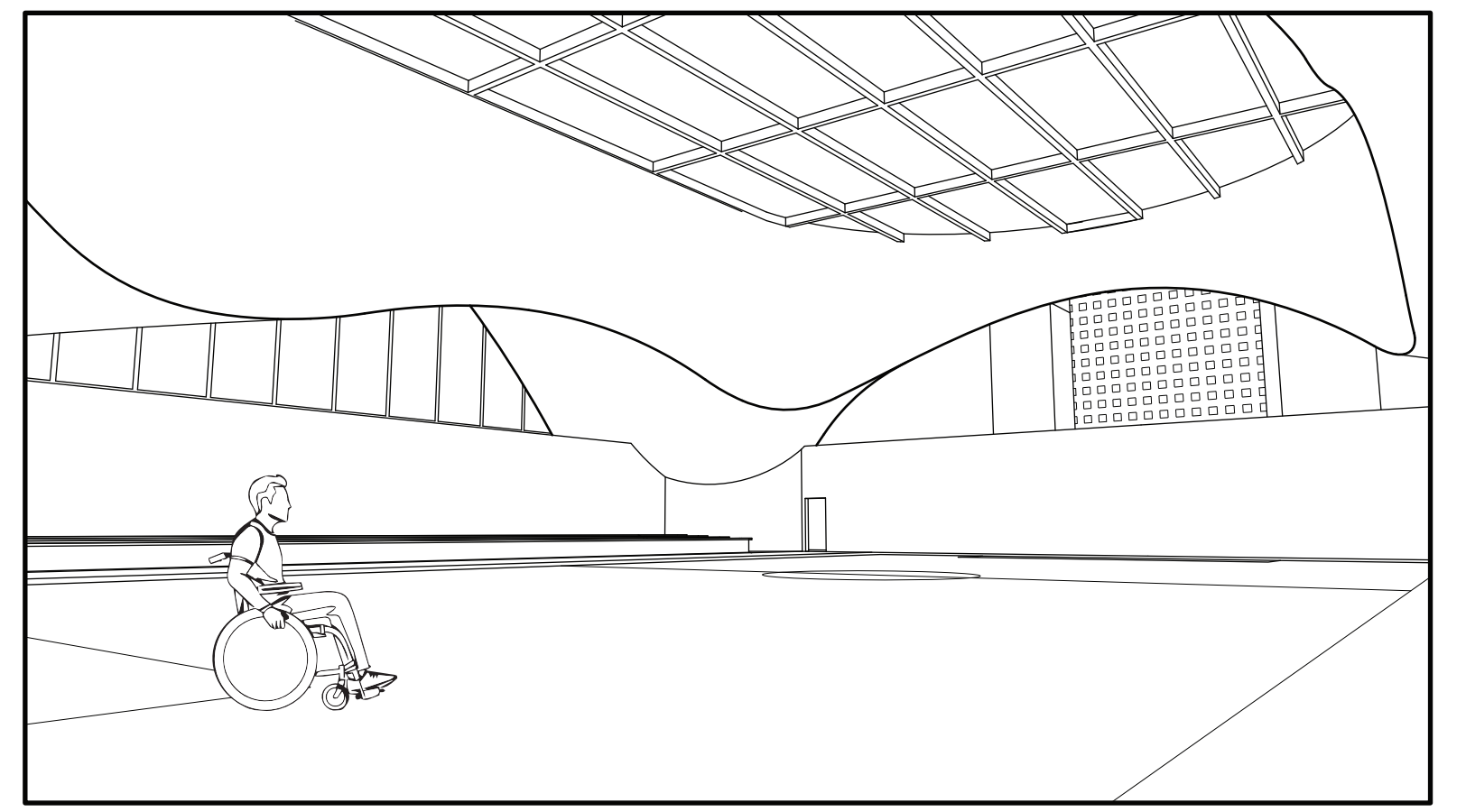
Side Elevation 1:200



Section B 1:200



Section C 1:200



Perspectives



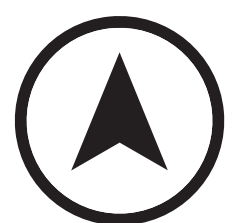
Site Section 1:500



084 Foley St



VCC-Clark

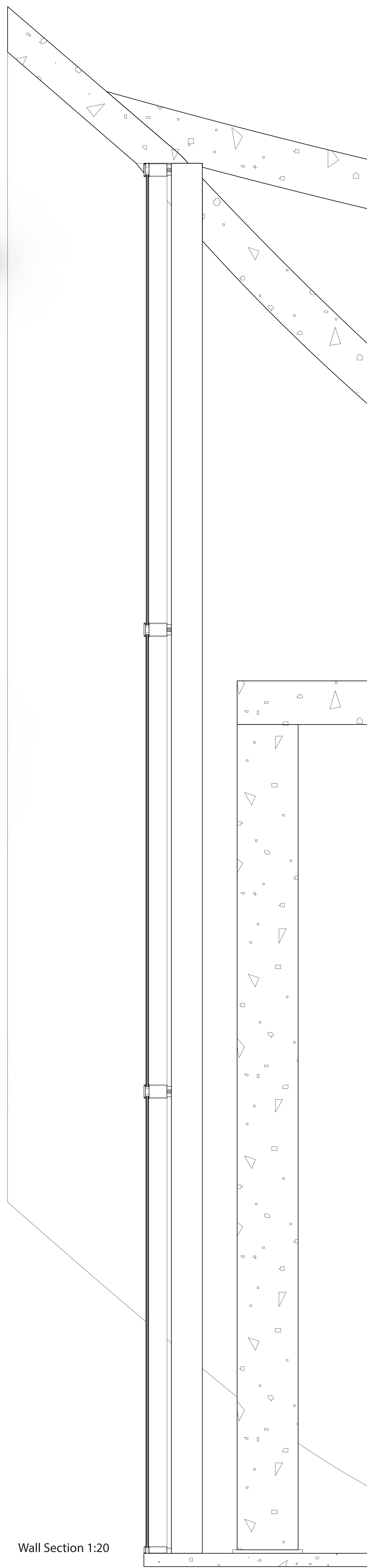
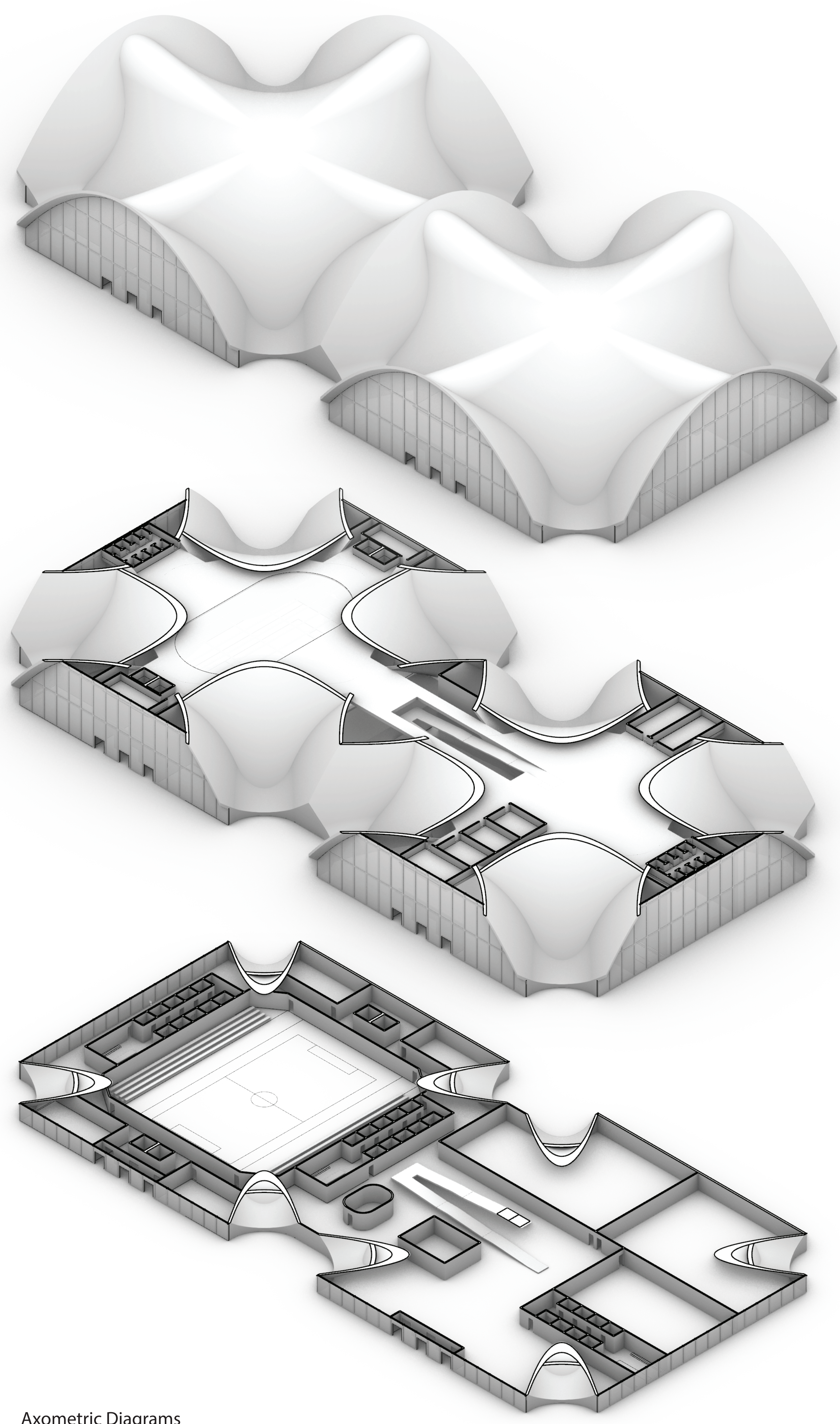
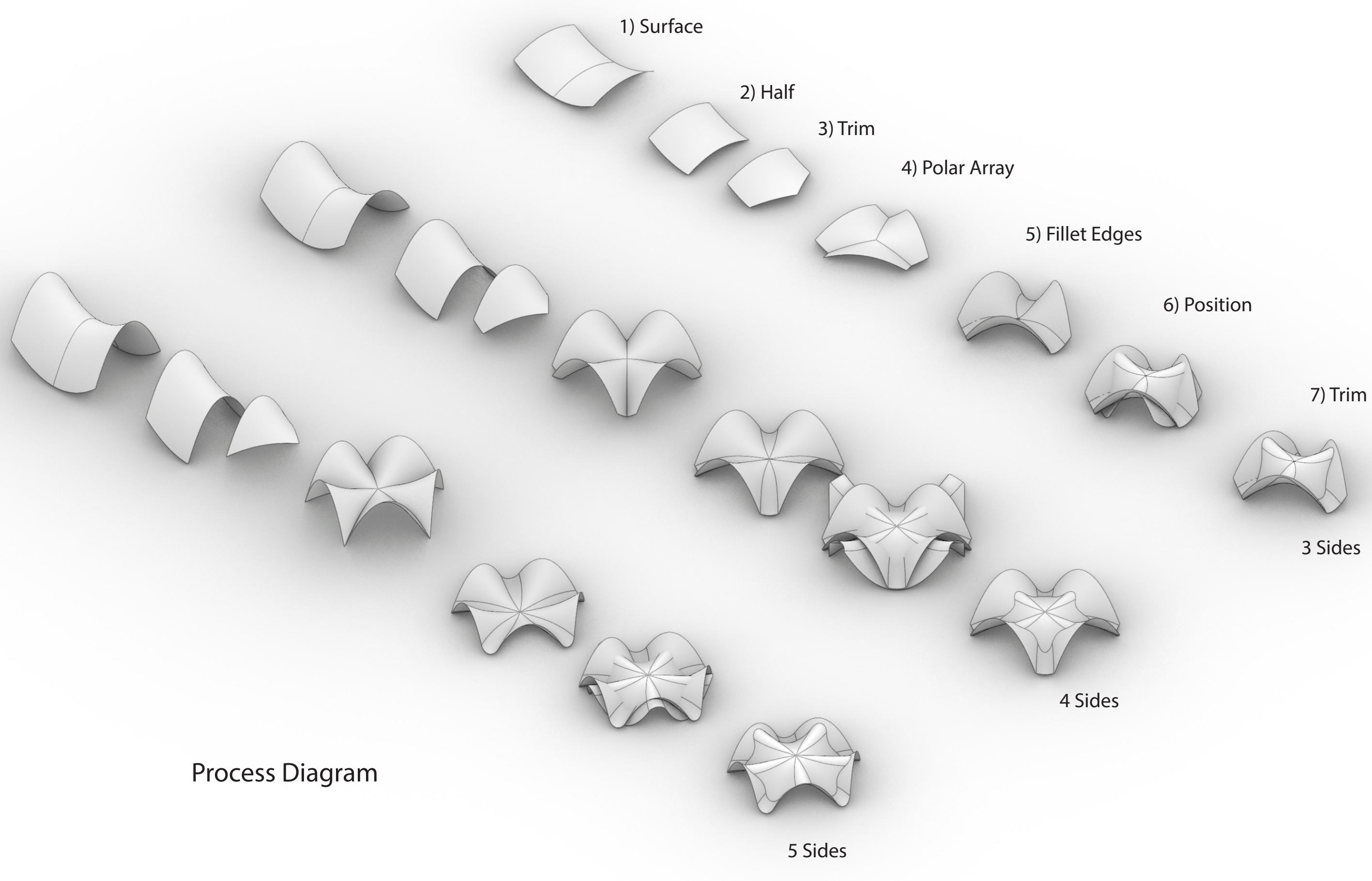


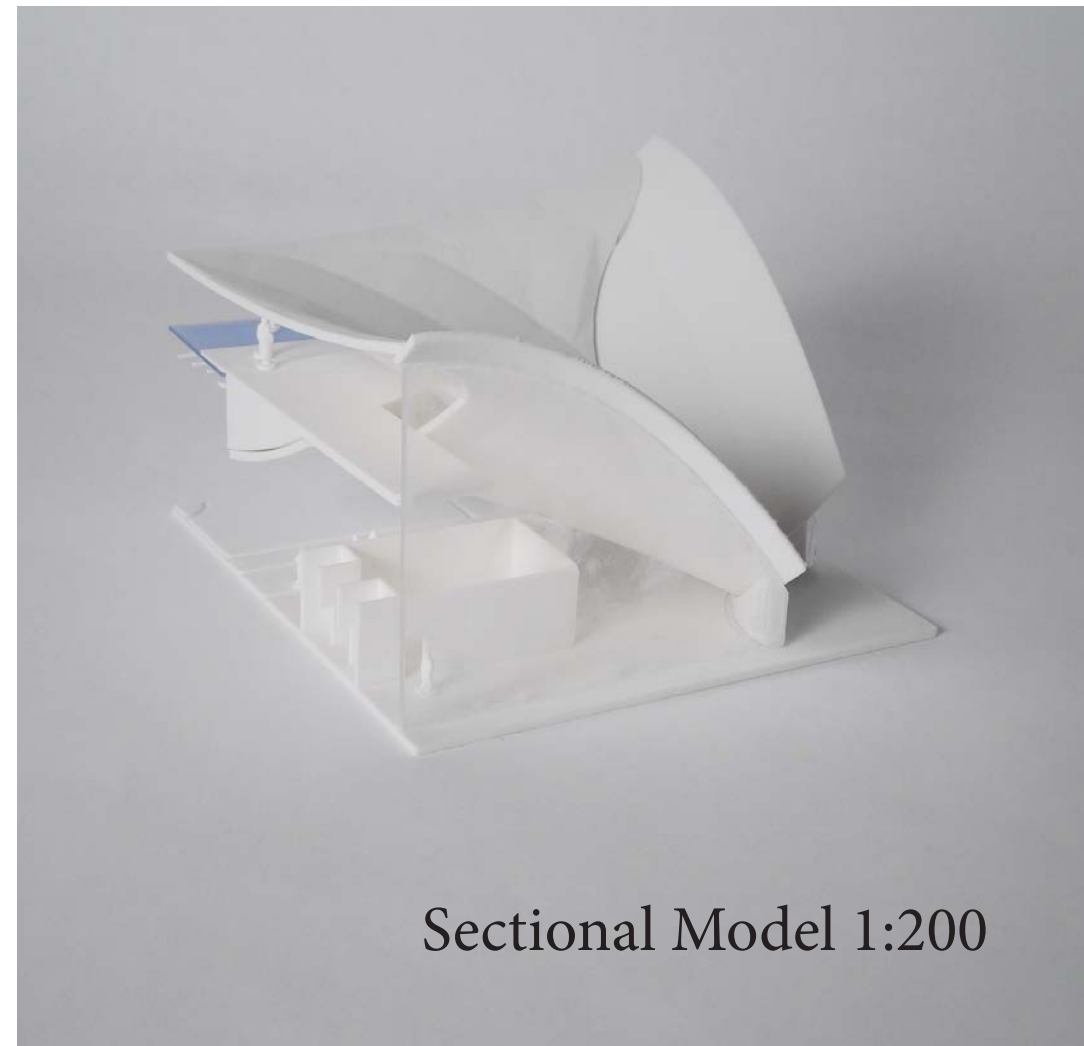
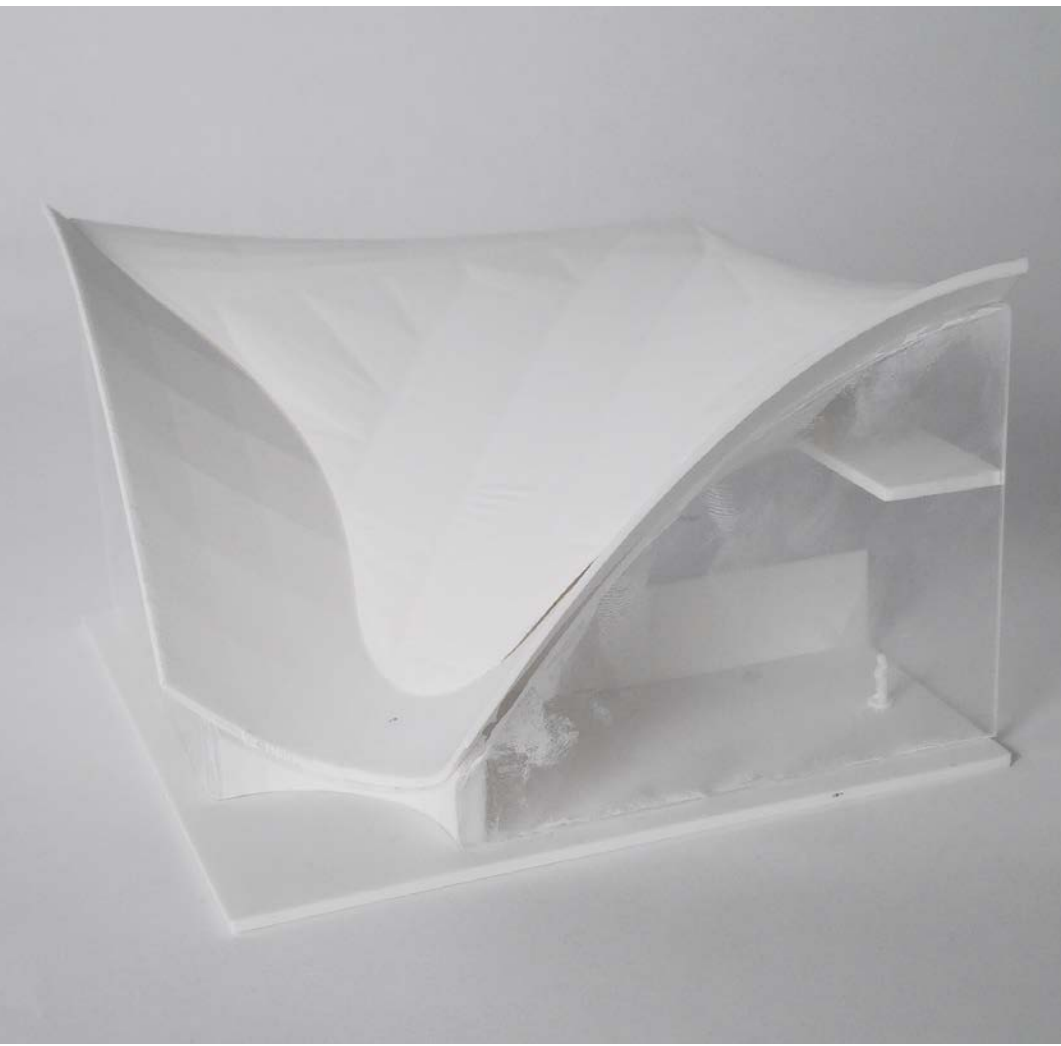
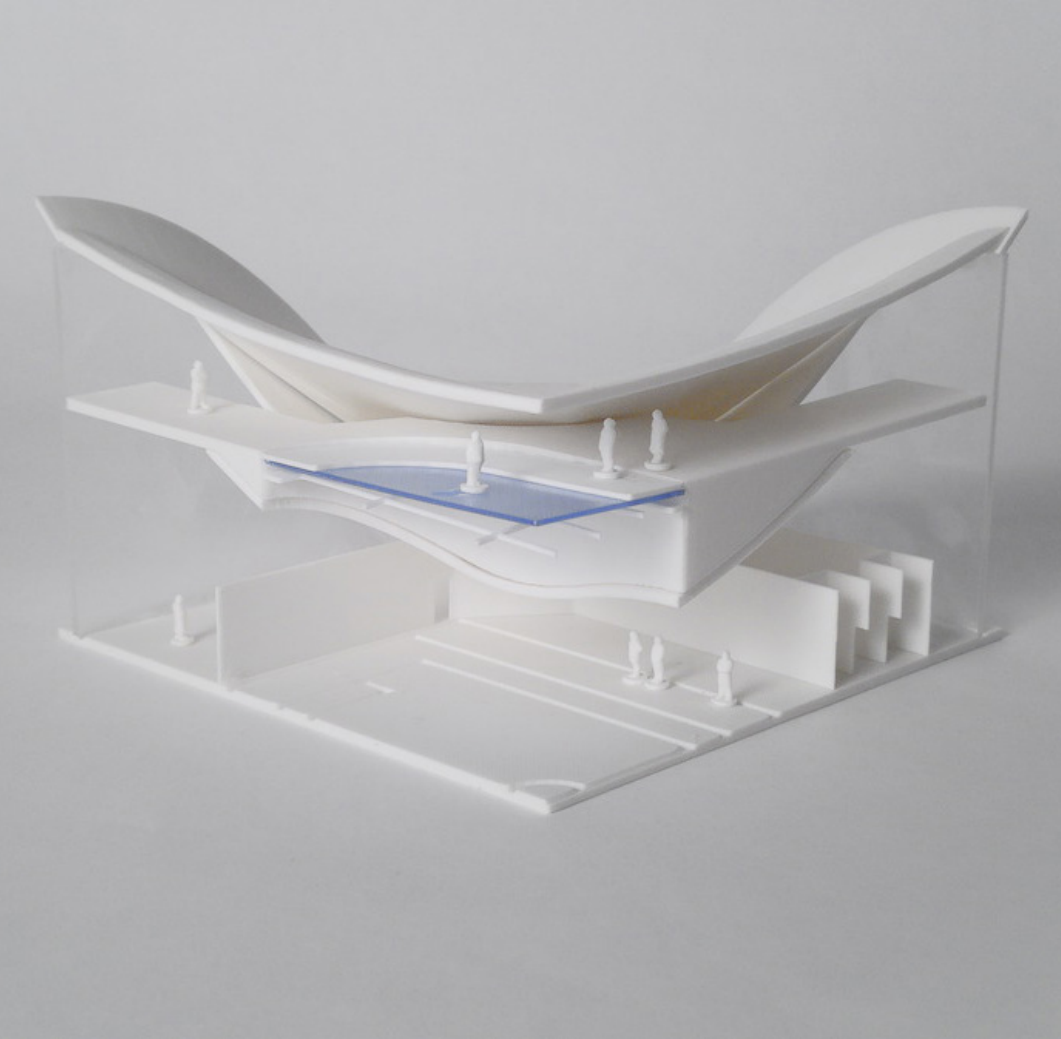
E 7th Ave

009, N9, 099

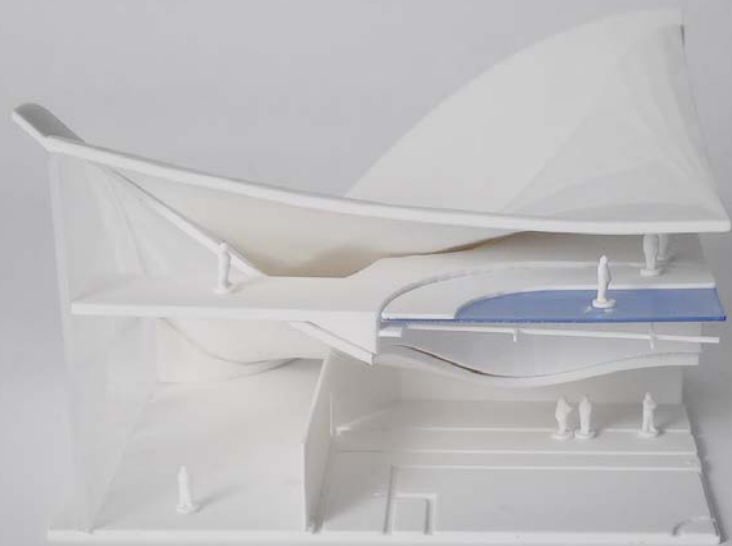


Site Plan 1:500





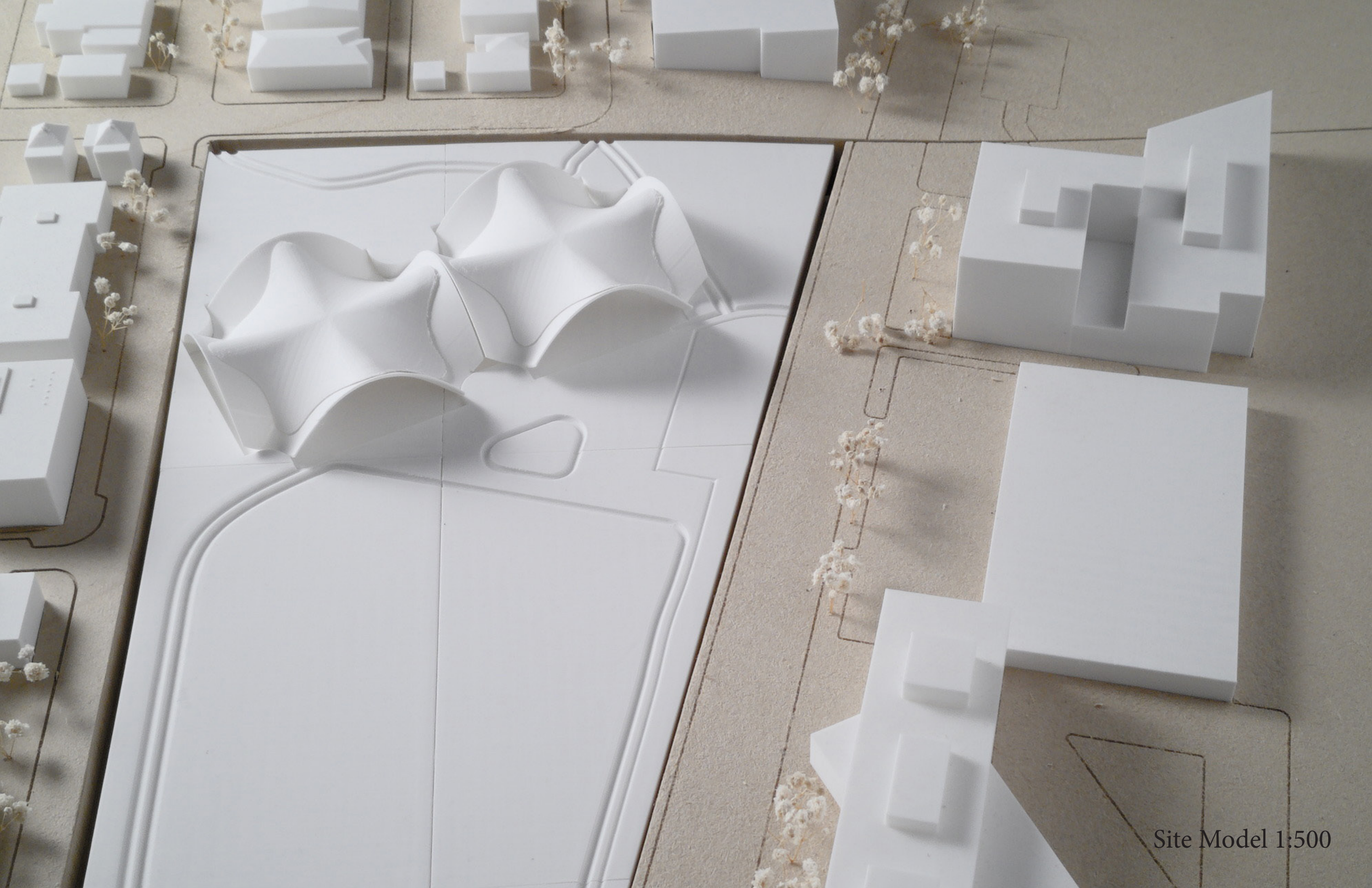
Sectional Model 1:200



Sectional Model 1:200



Site Model 1:500



Site Model 1:500

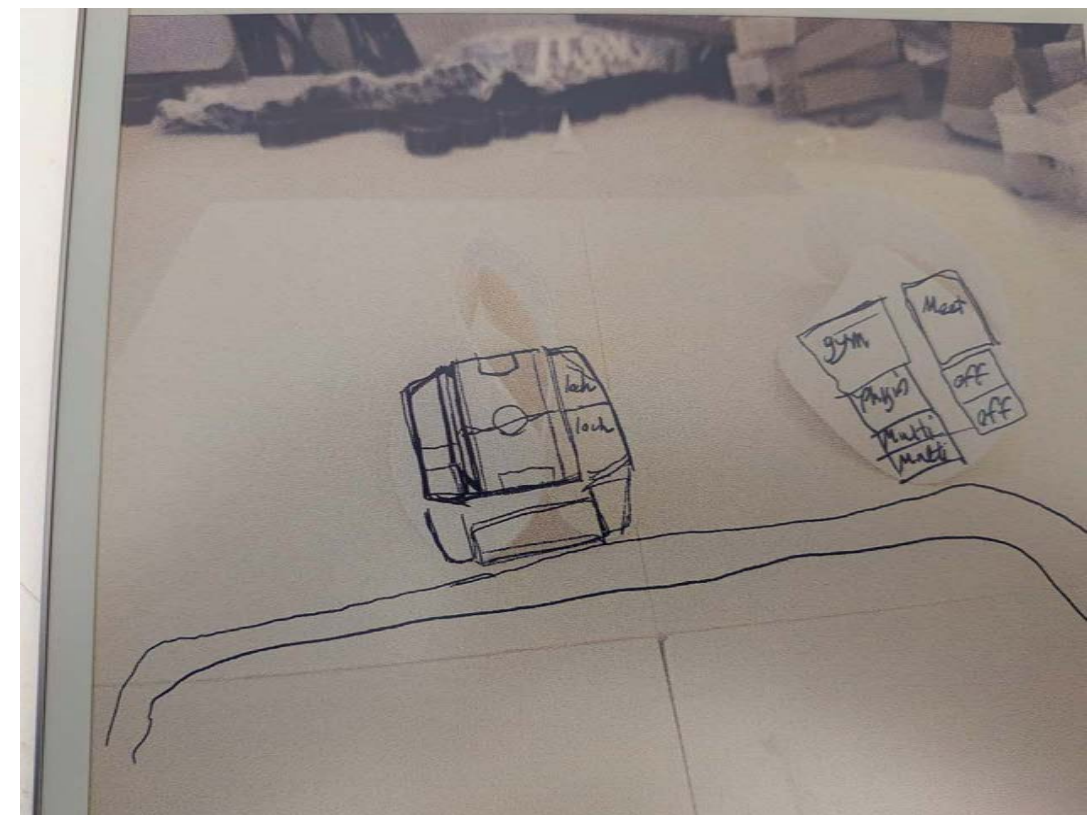
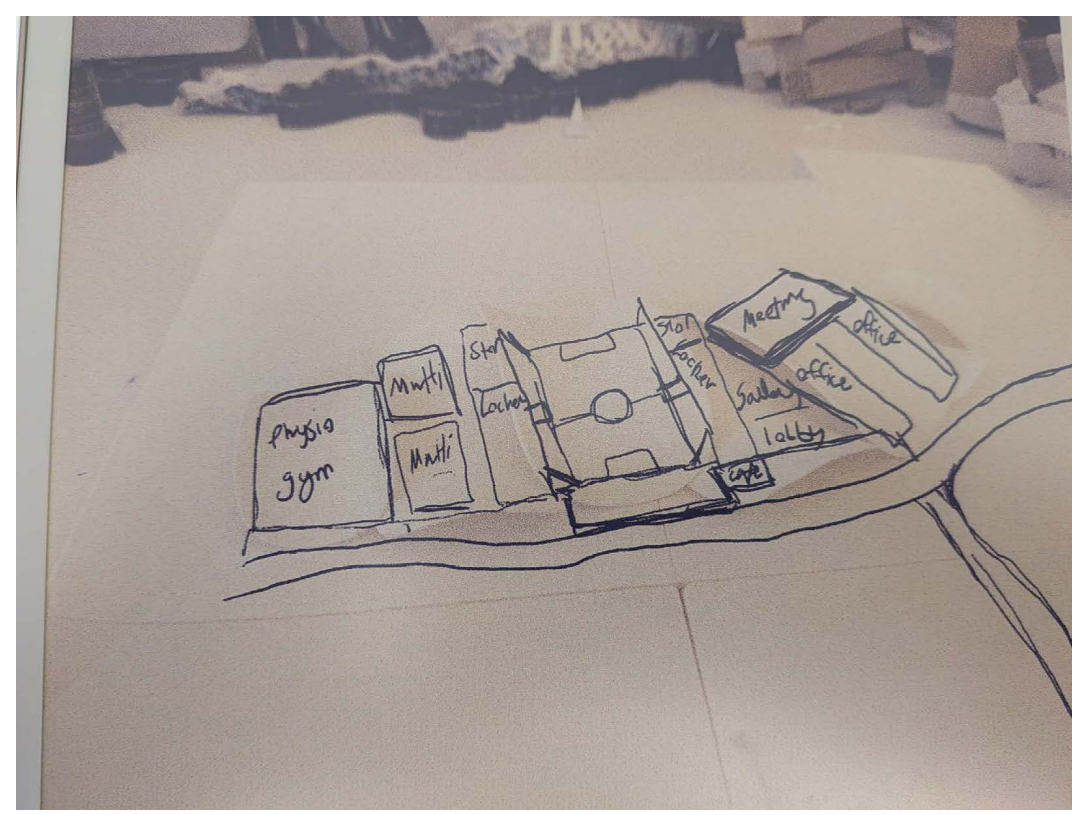
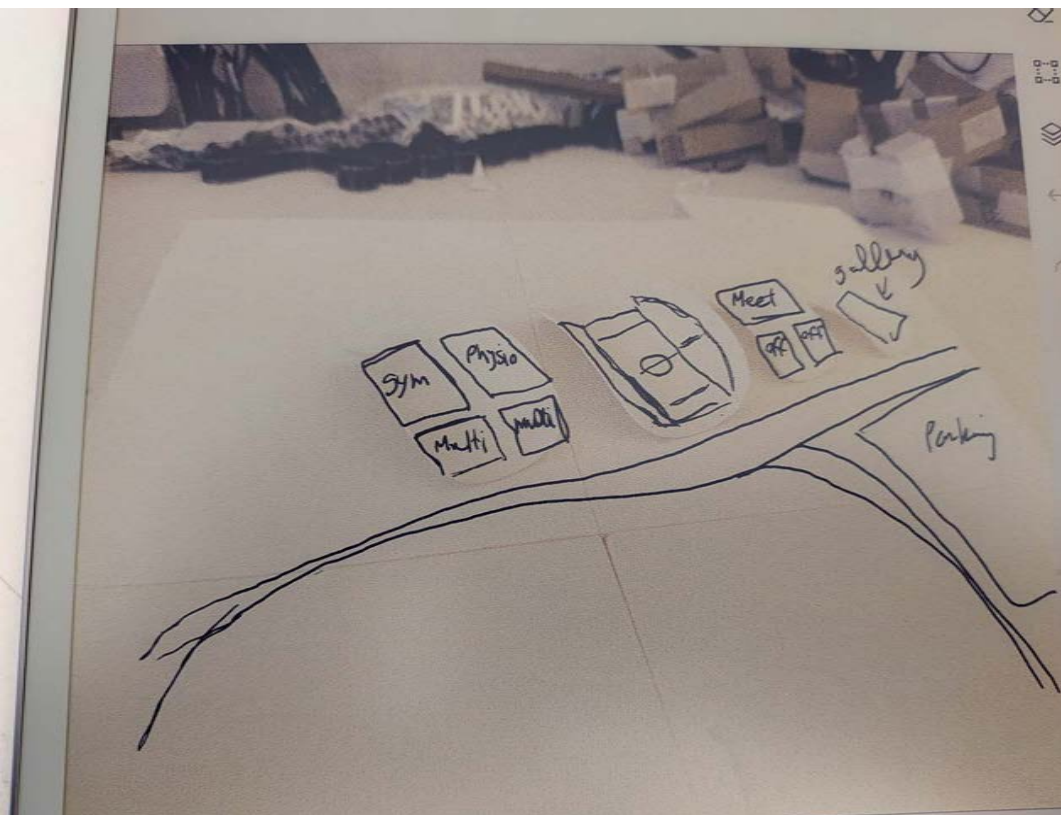
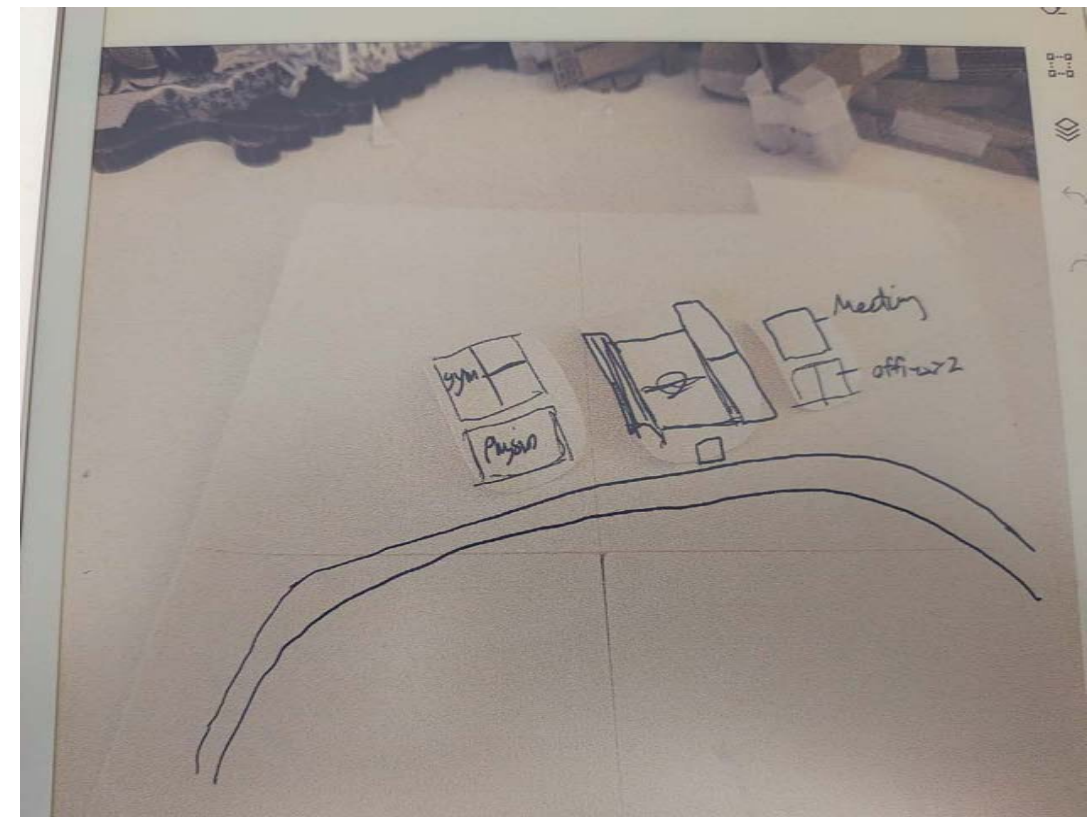
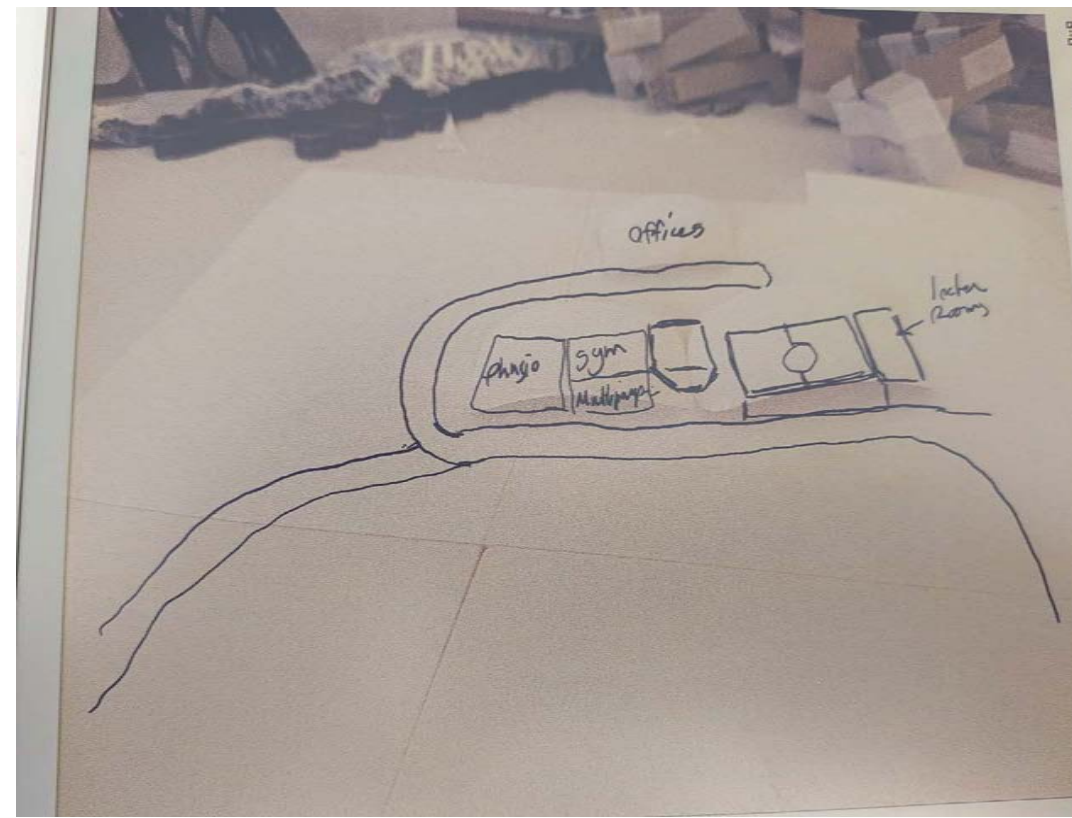
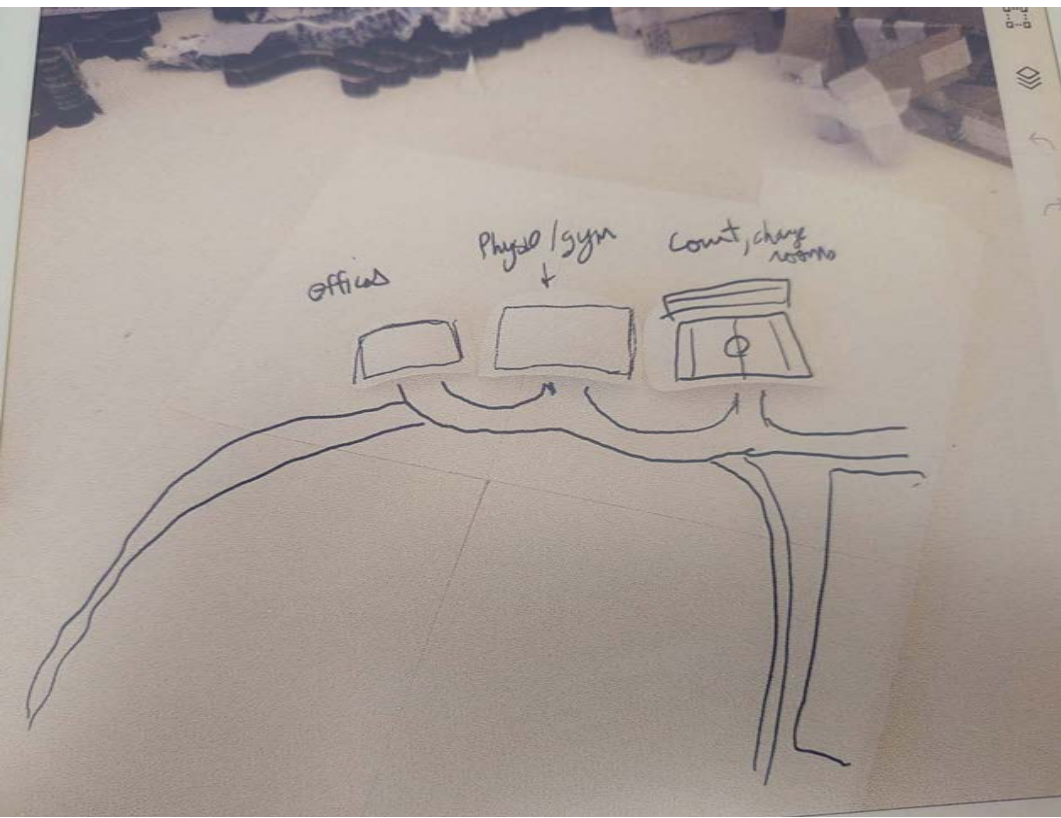


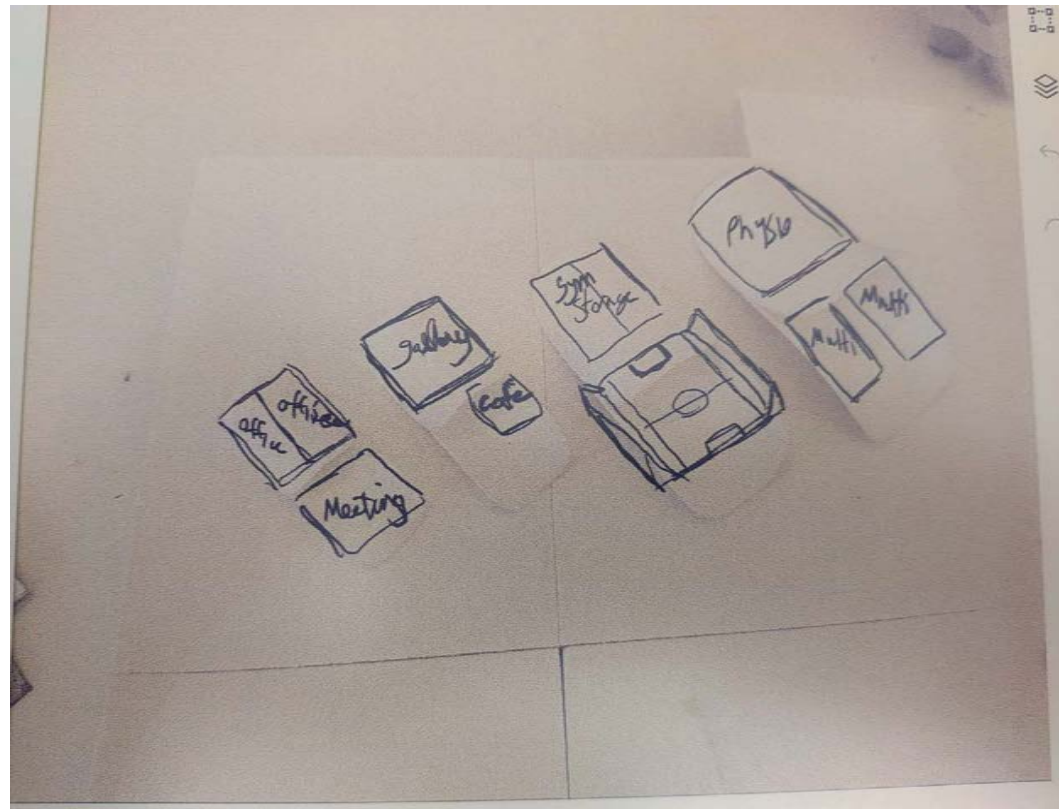
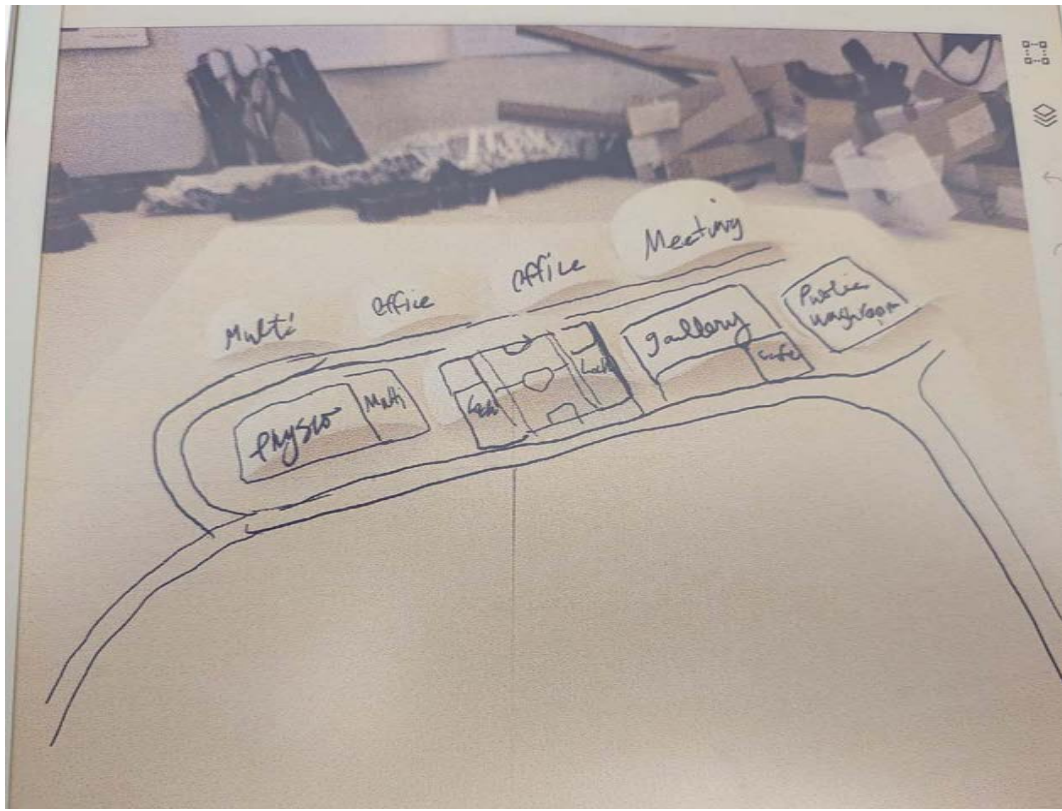
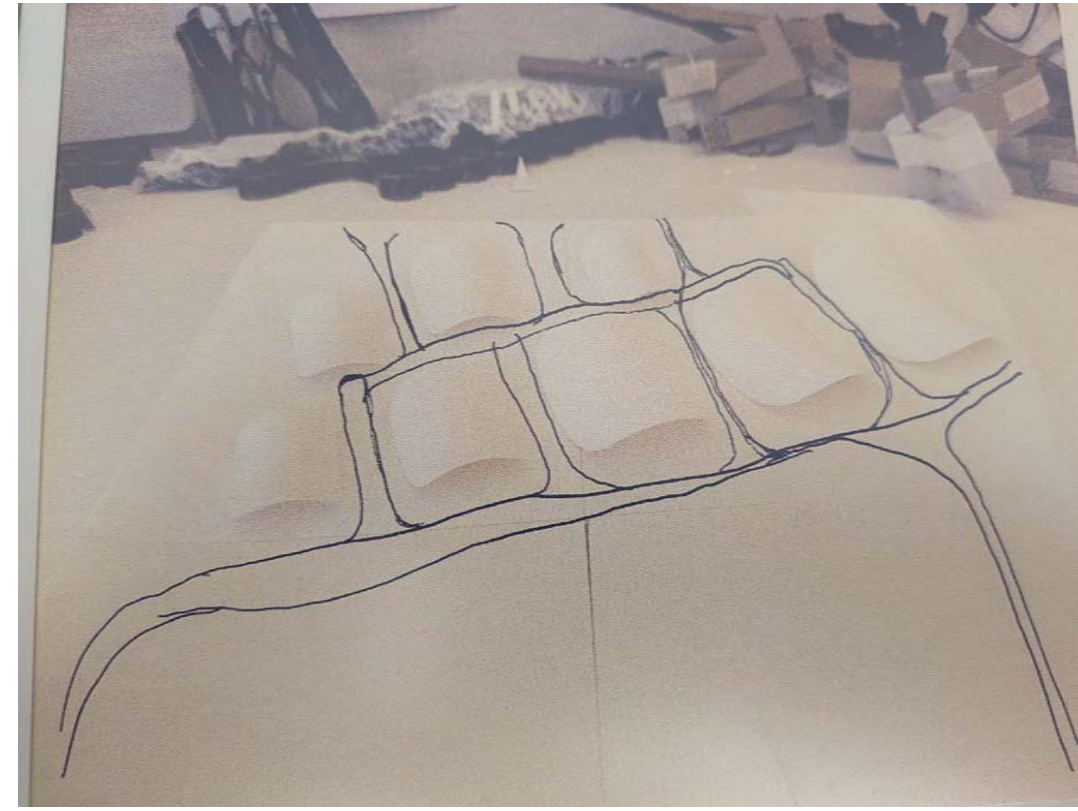
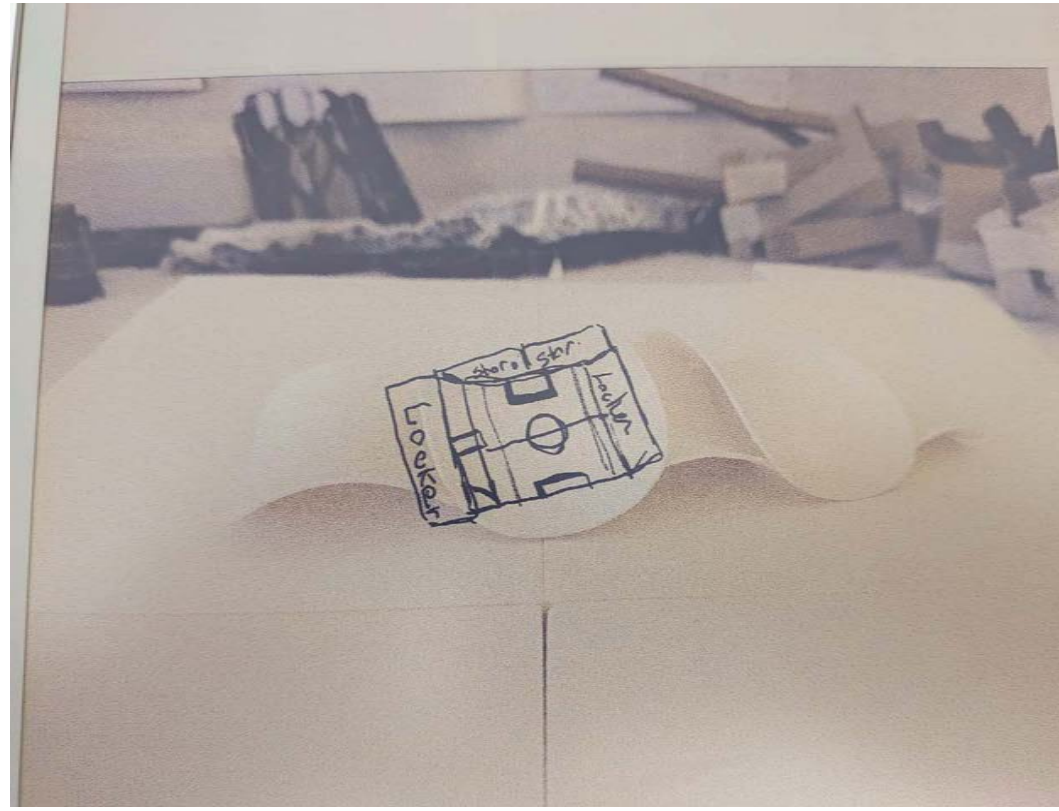
Site Model 1:500

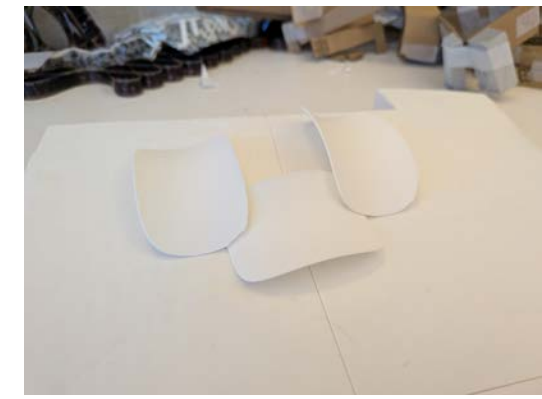
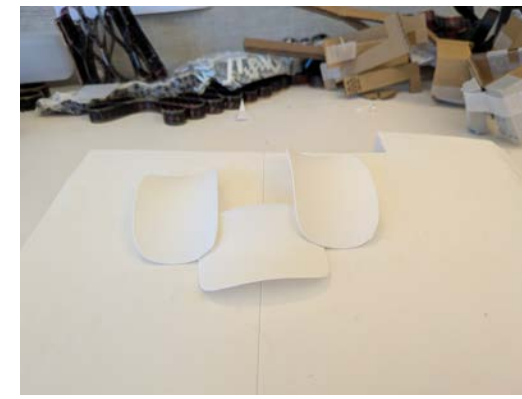
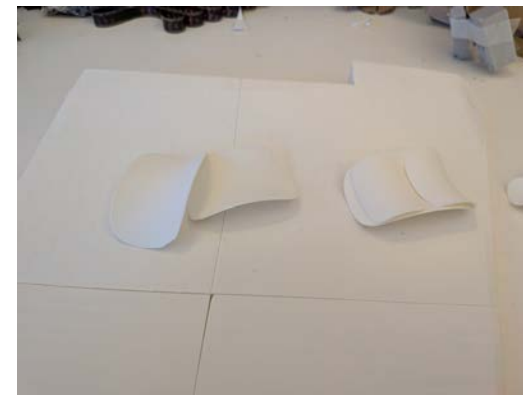
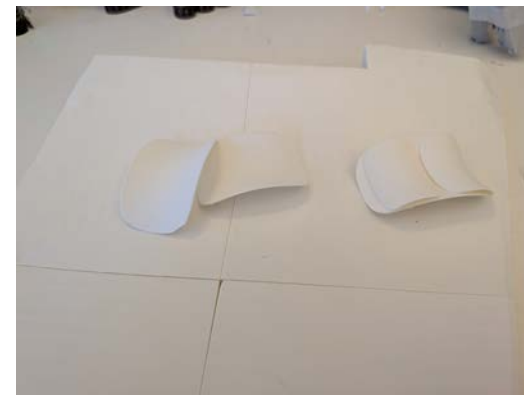
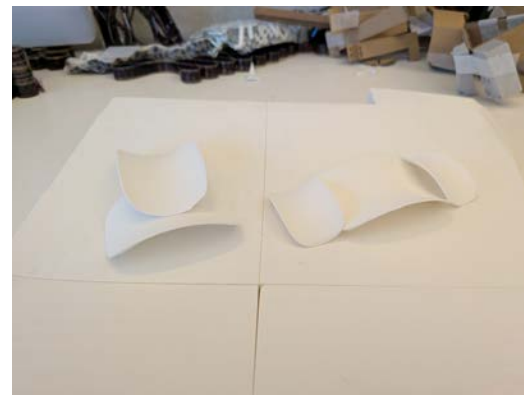
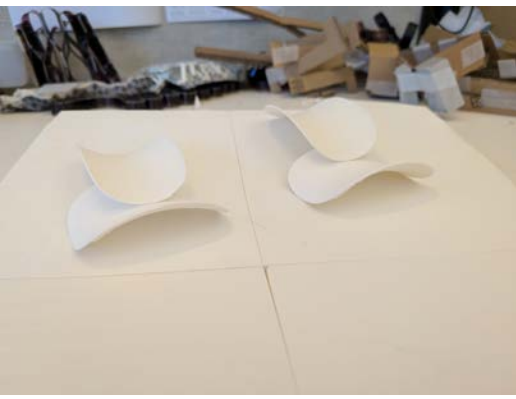
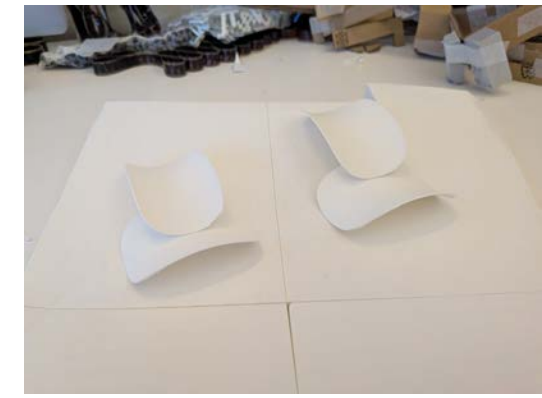
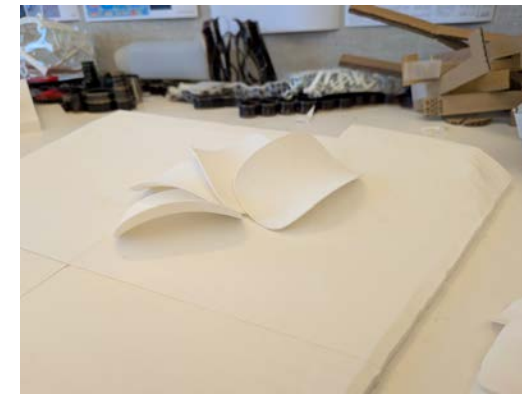
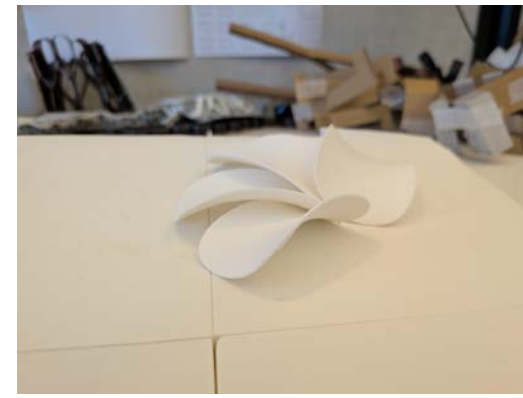
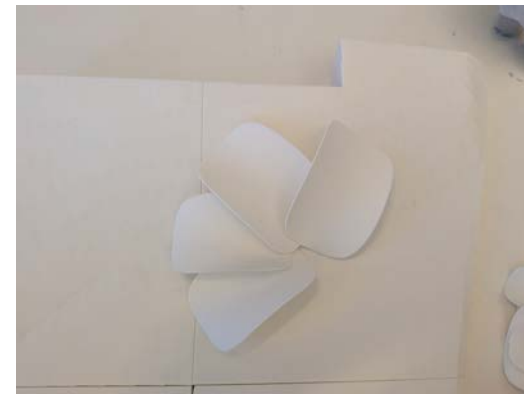
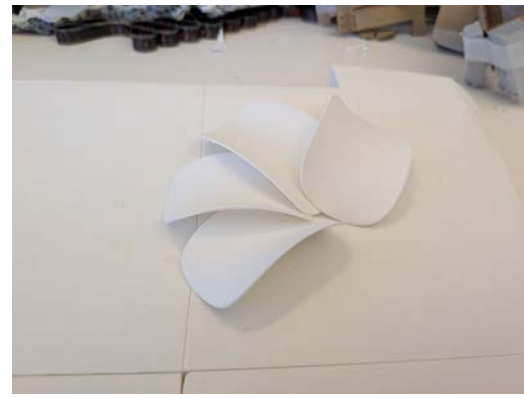
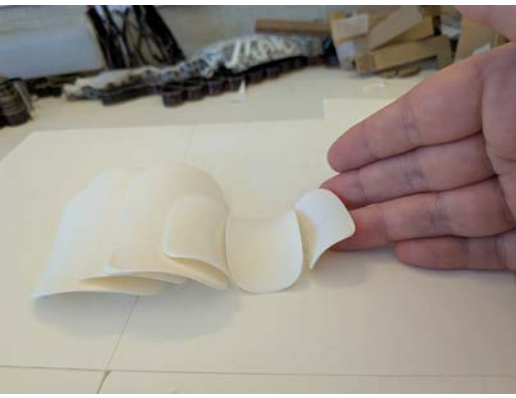
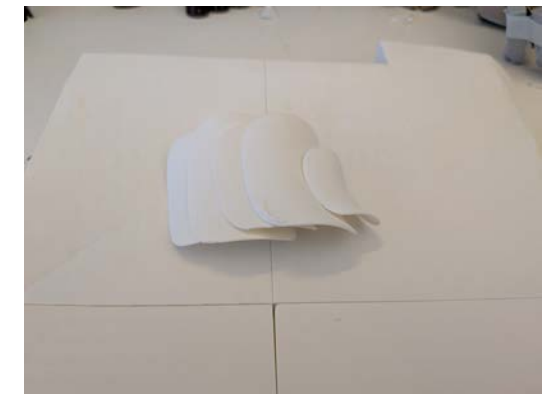
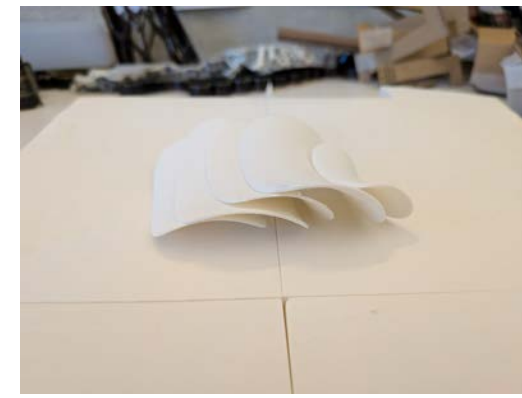
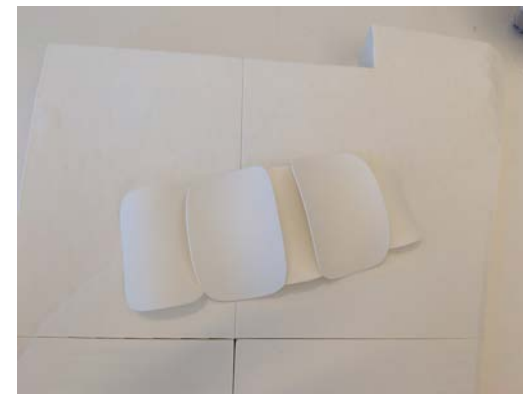
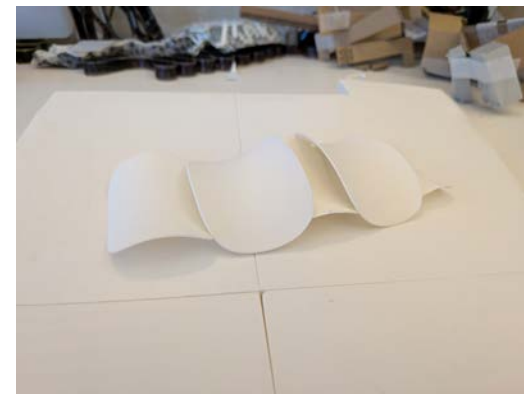
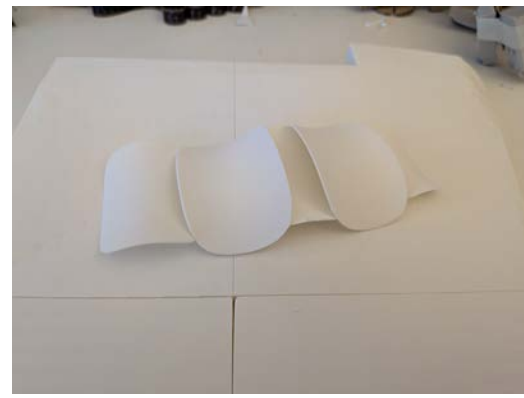
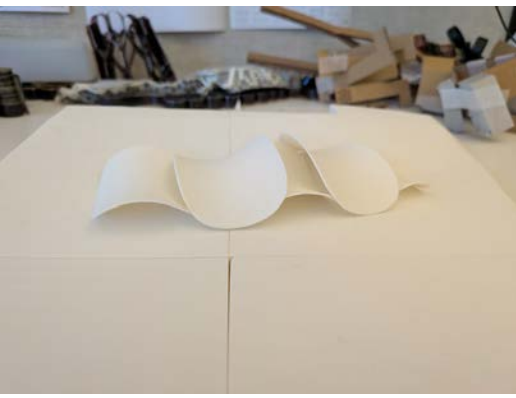
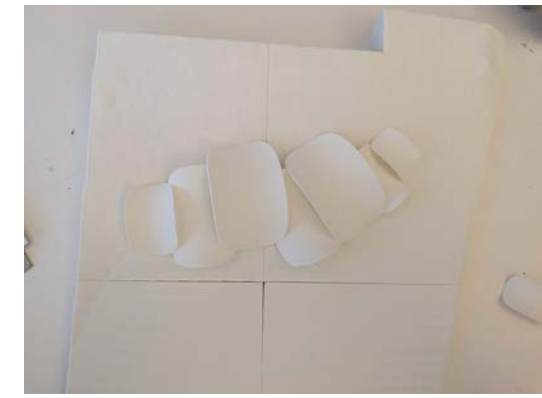
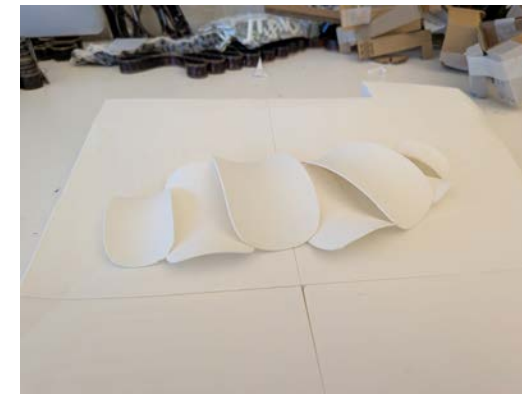
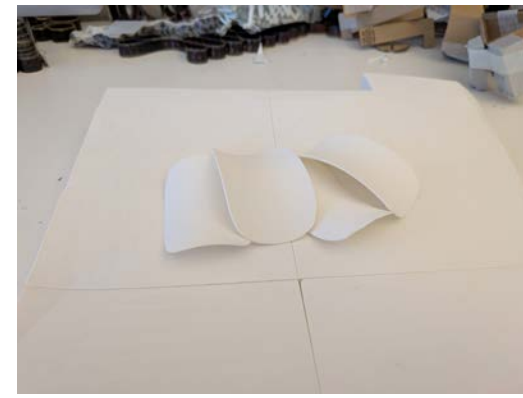
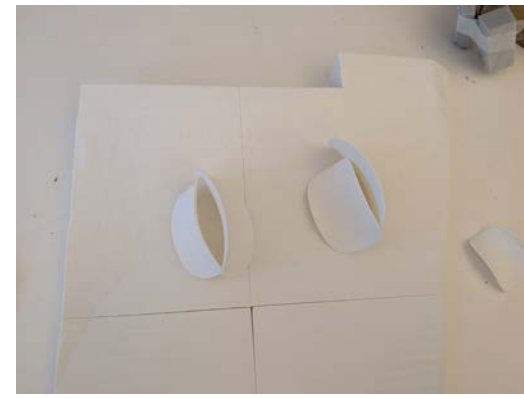
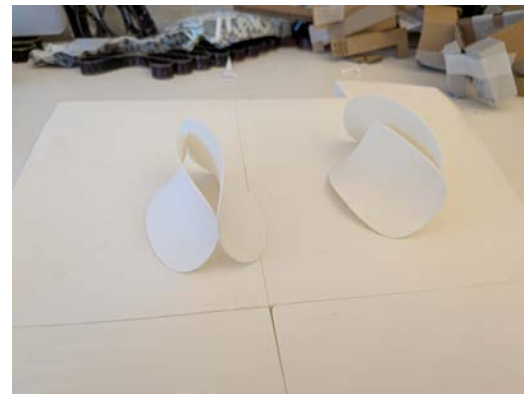
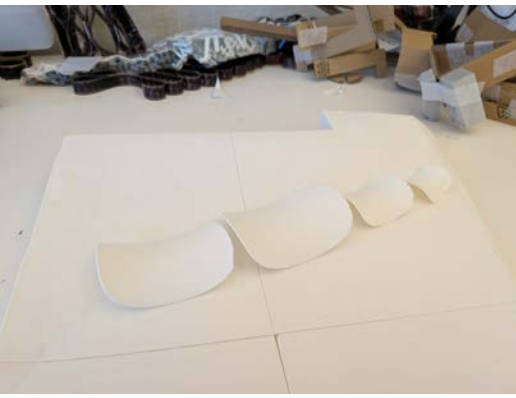
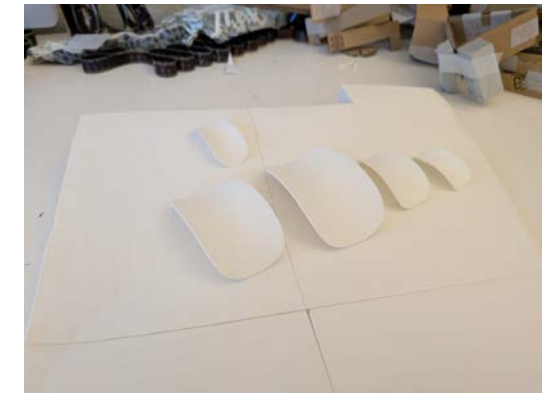
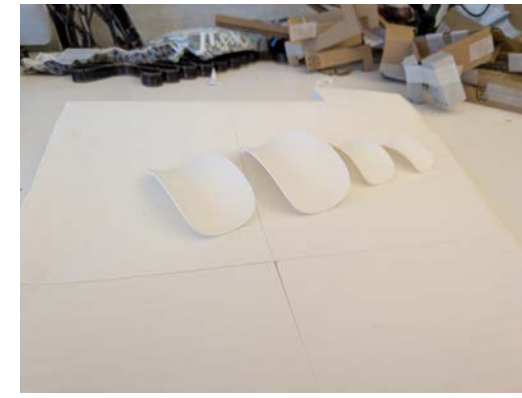
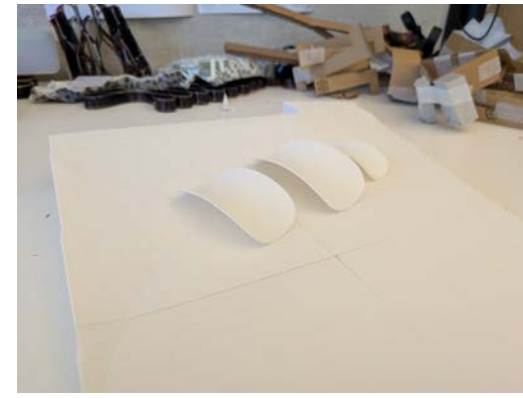
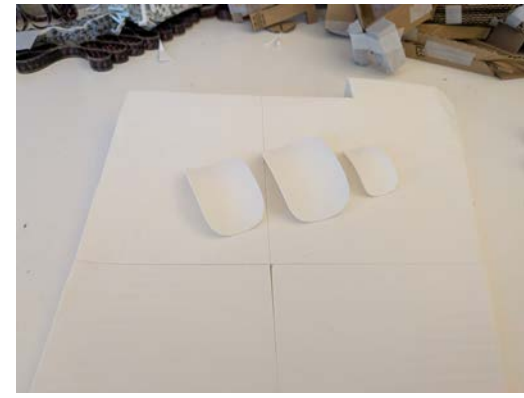
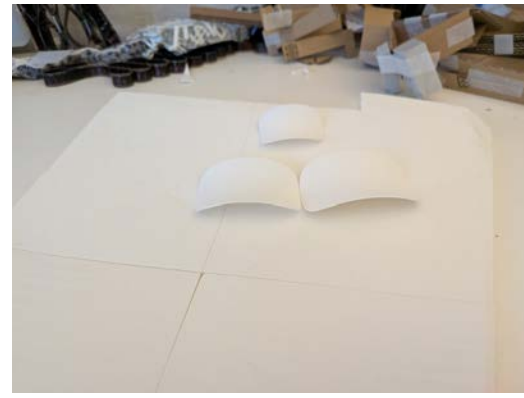
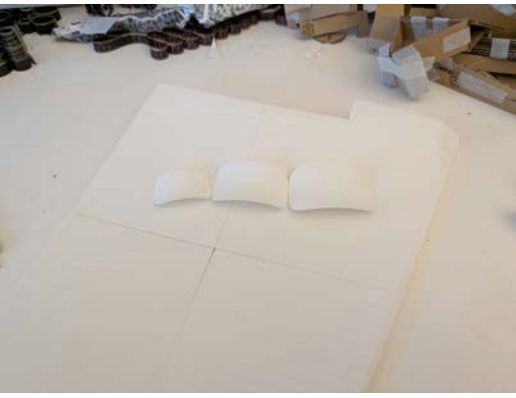


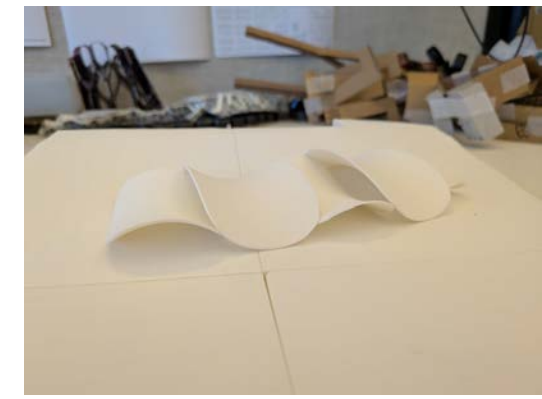
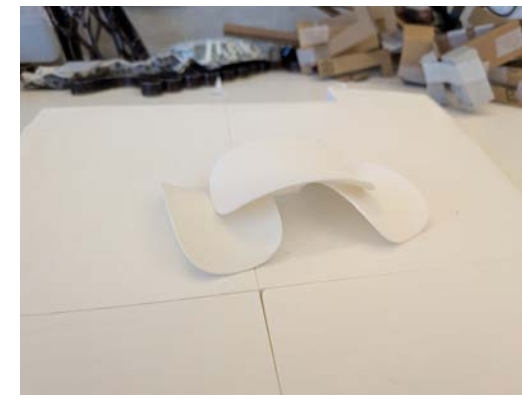
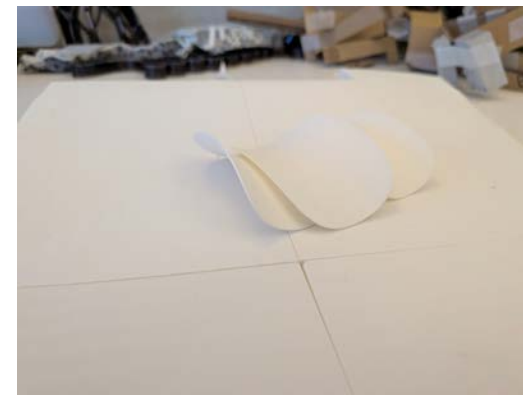
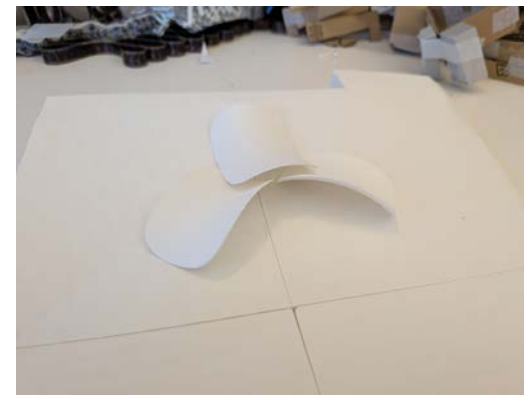
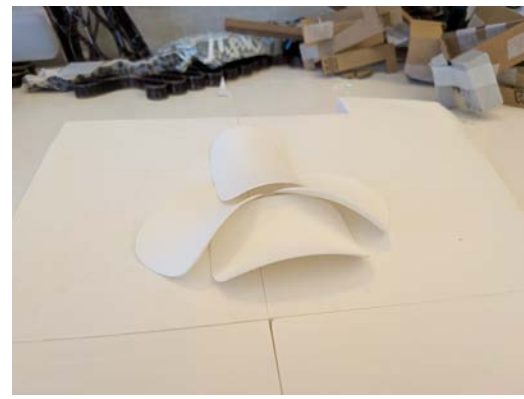
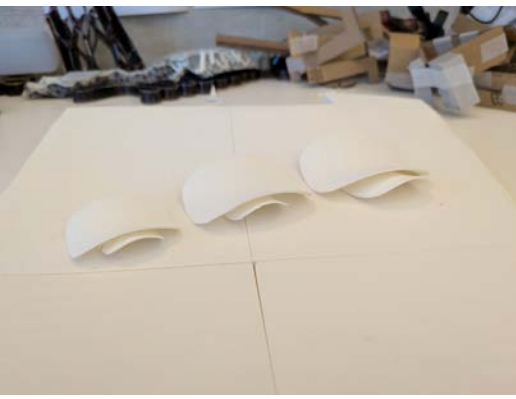
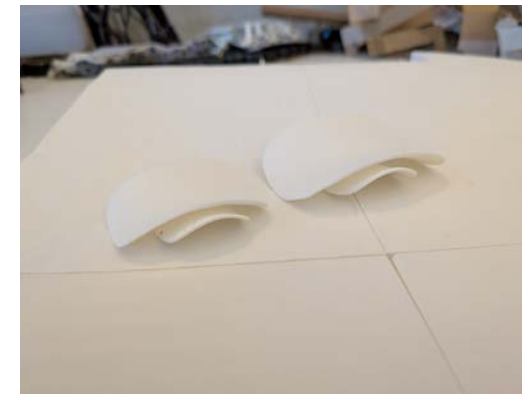
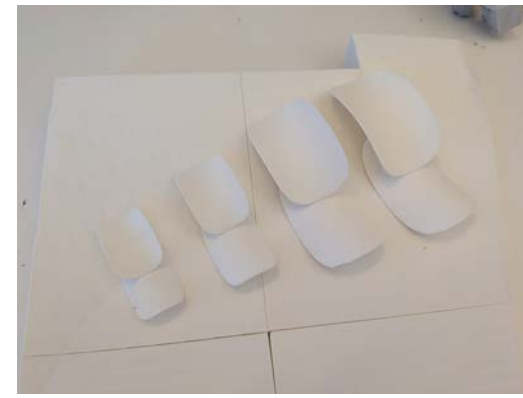
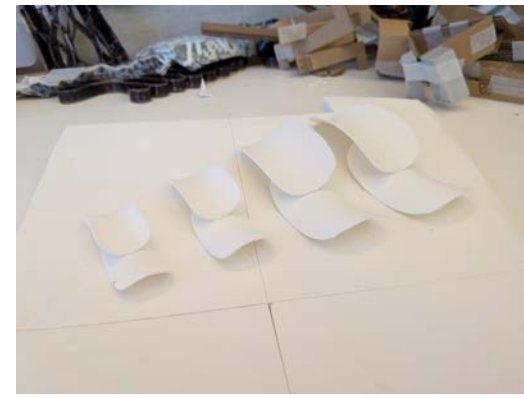
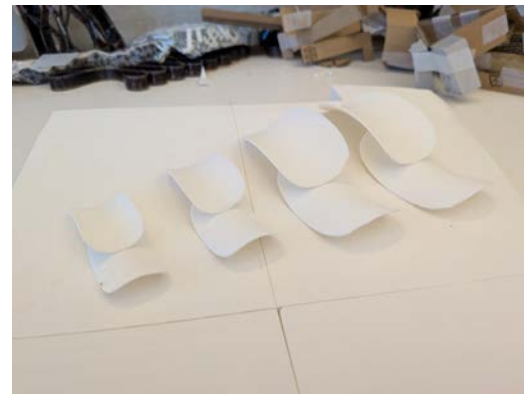
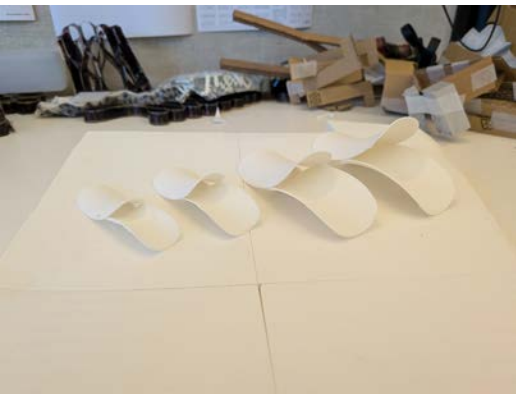
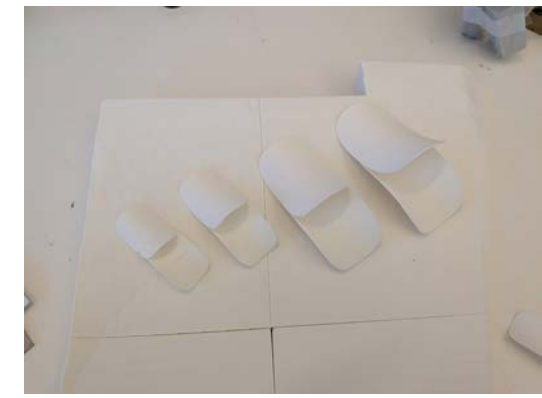
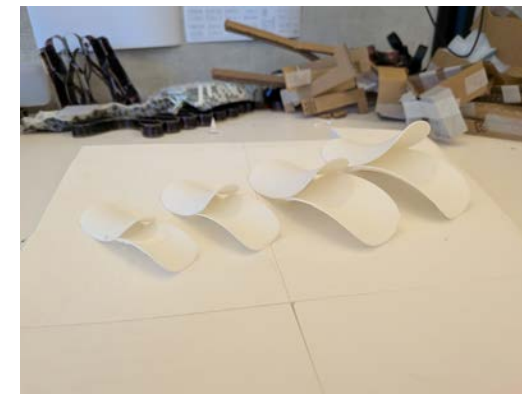
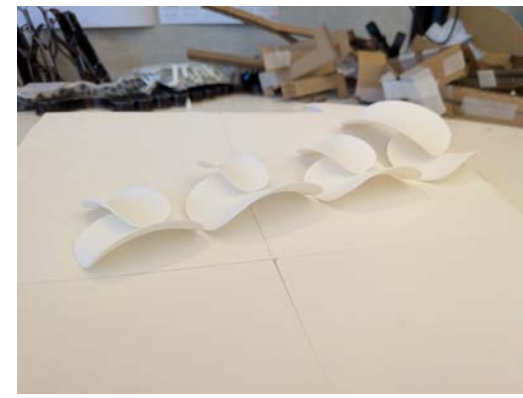
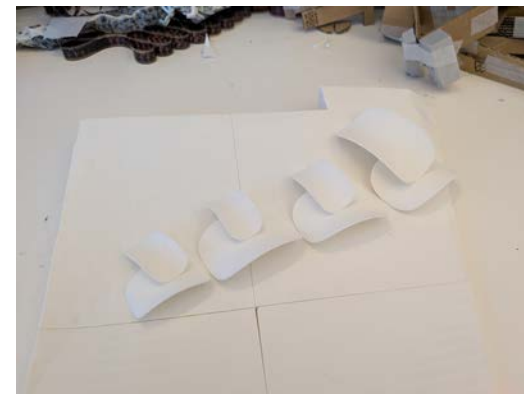
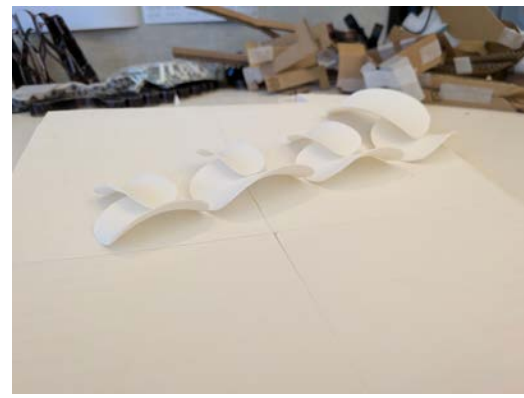
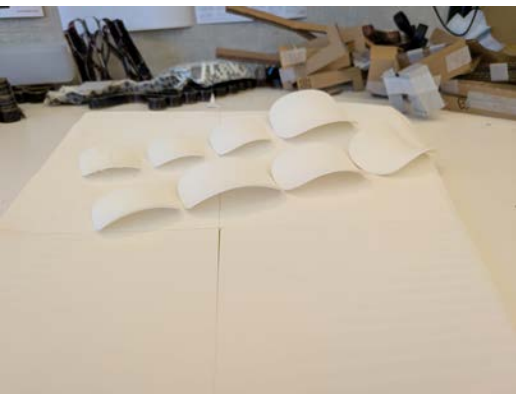
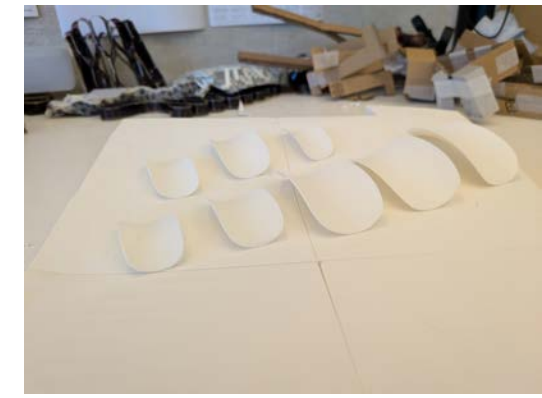
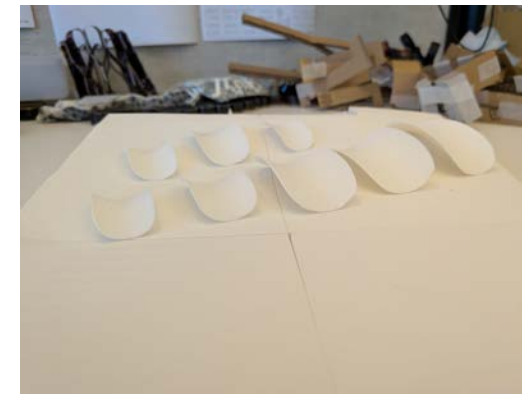
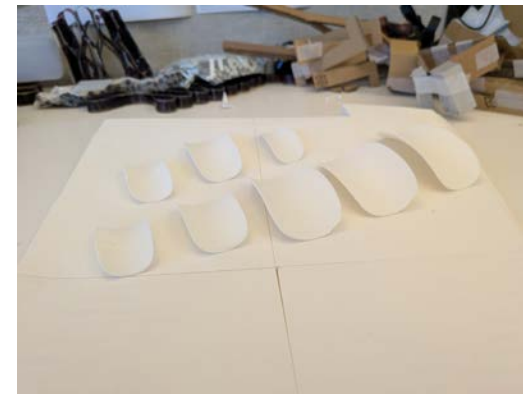
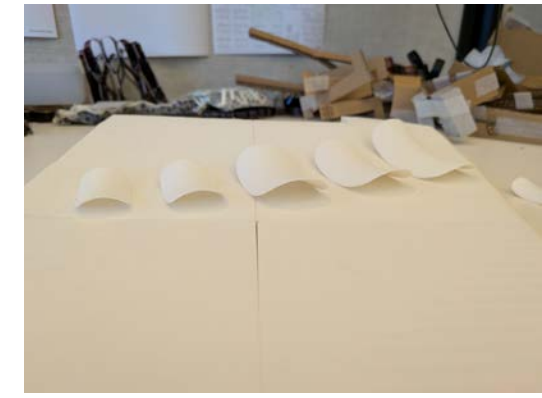
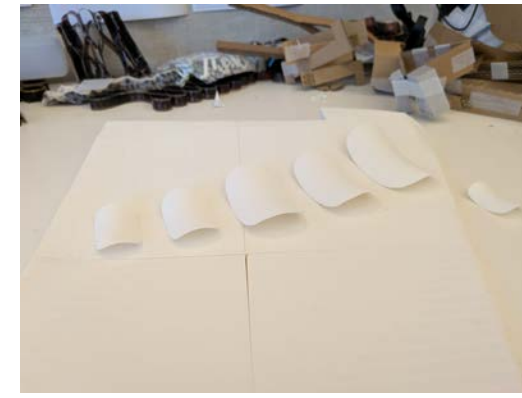
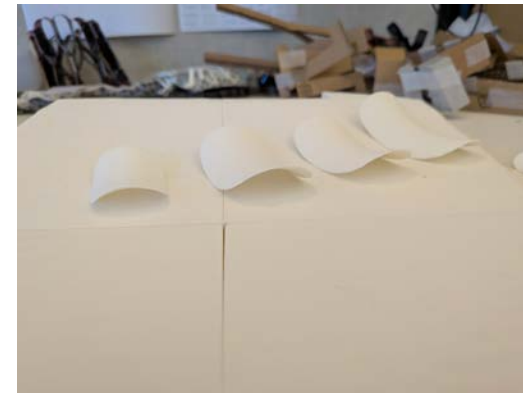
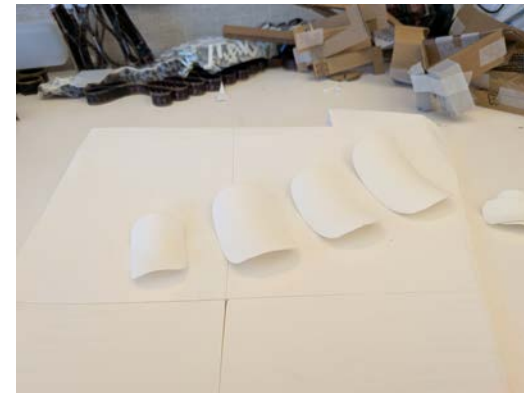
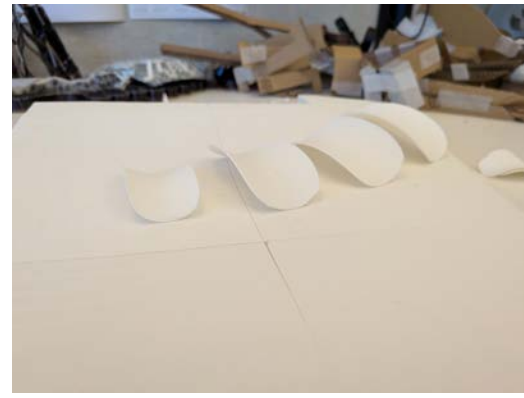
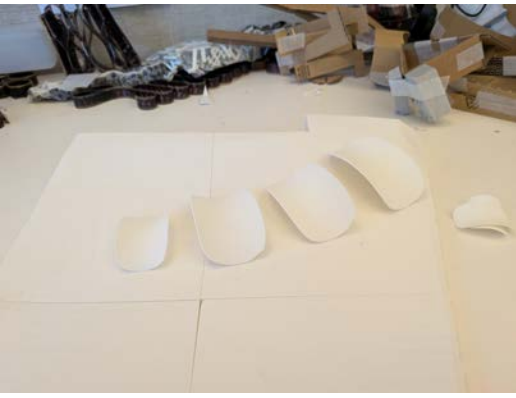
Site Model 1:500

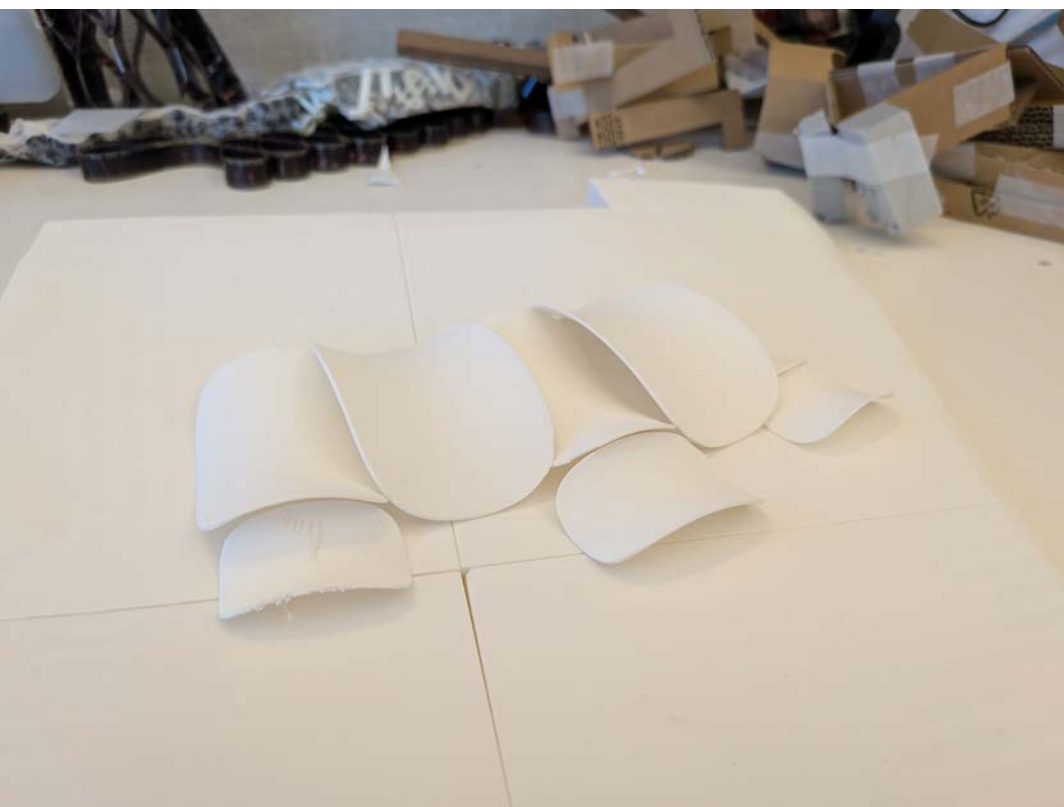
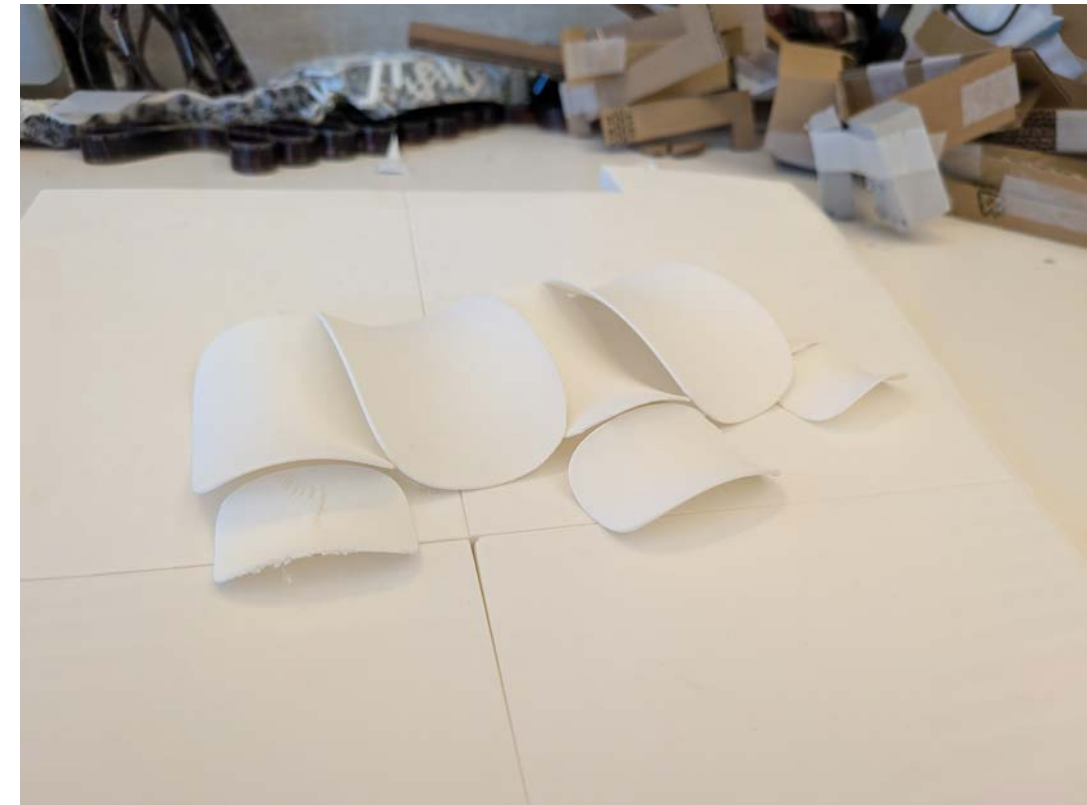
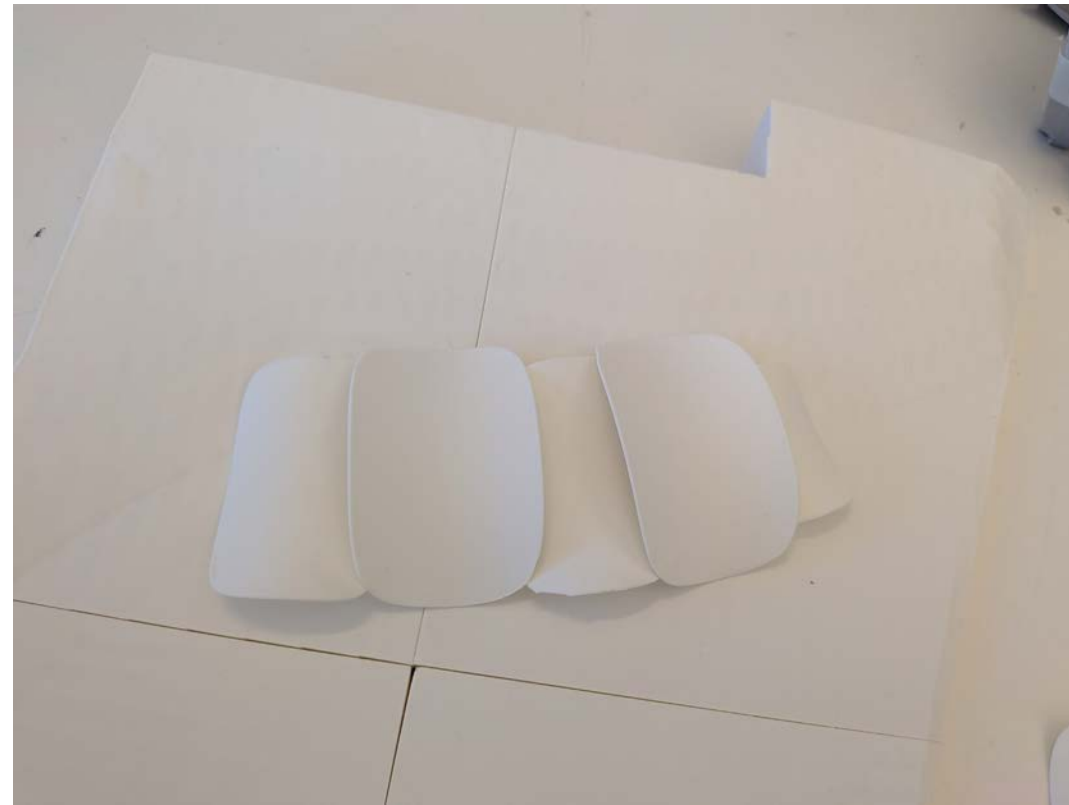
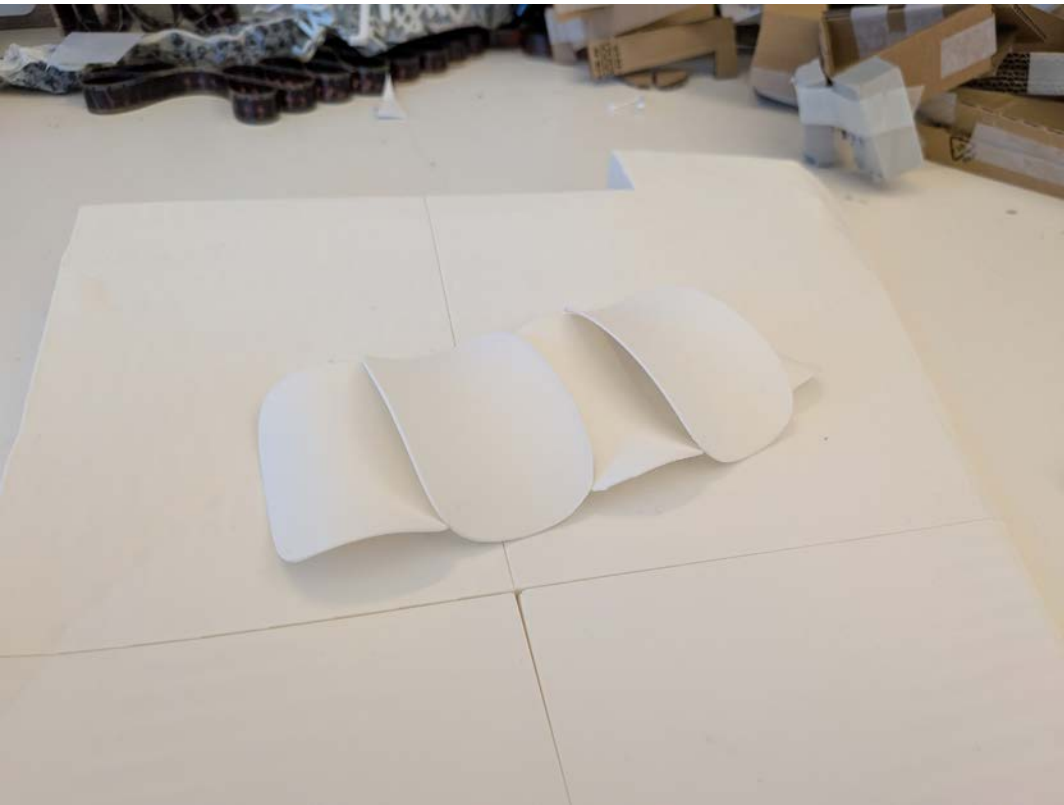
Process Work

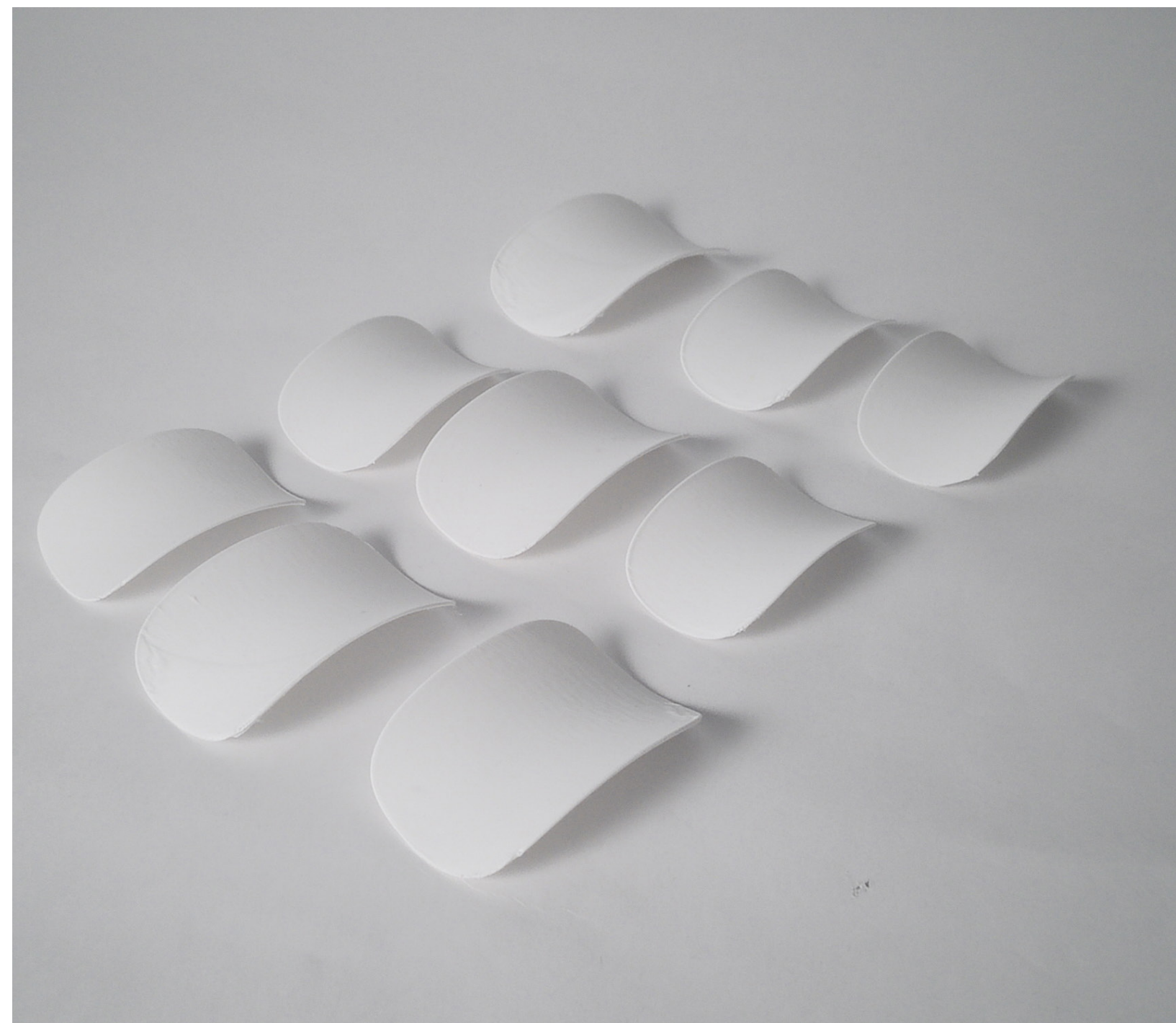


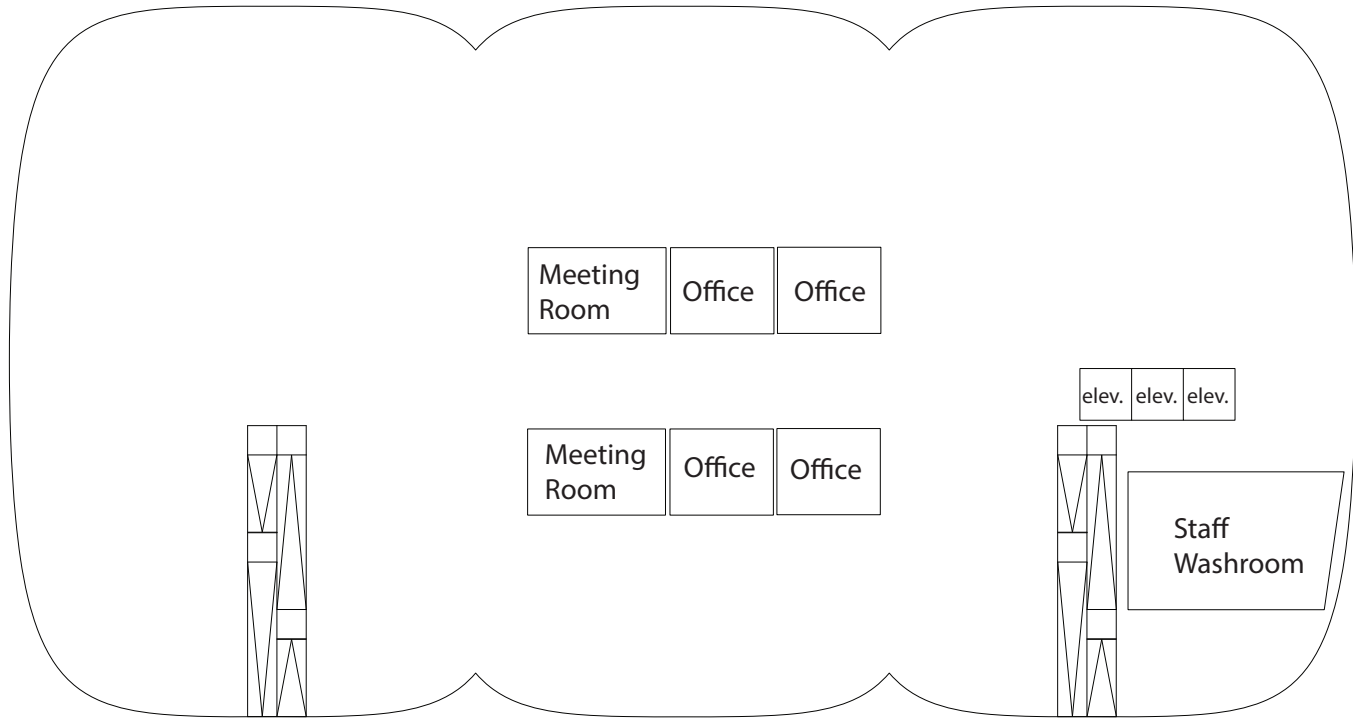




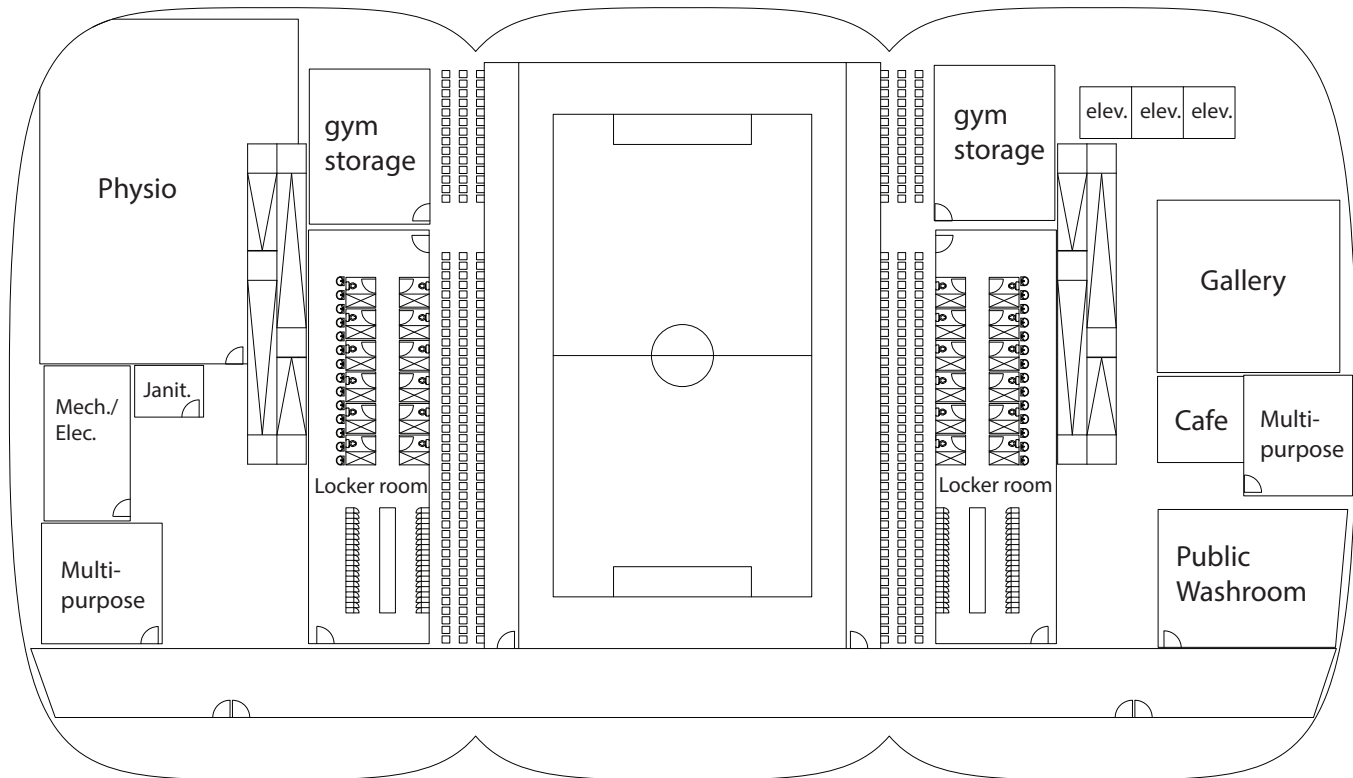
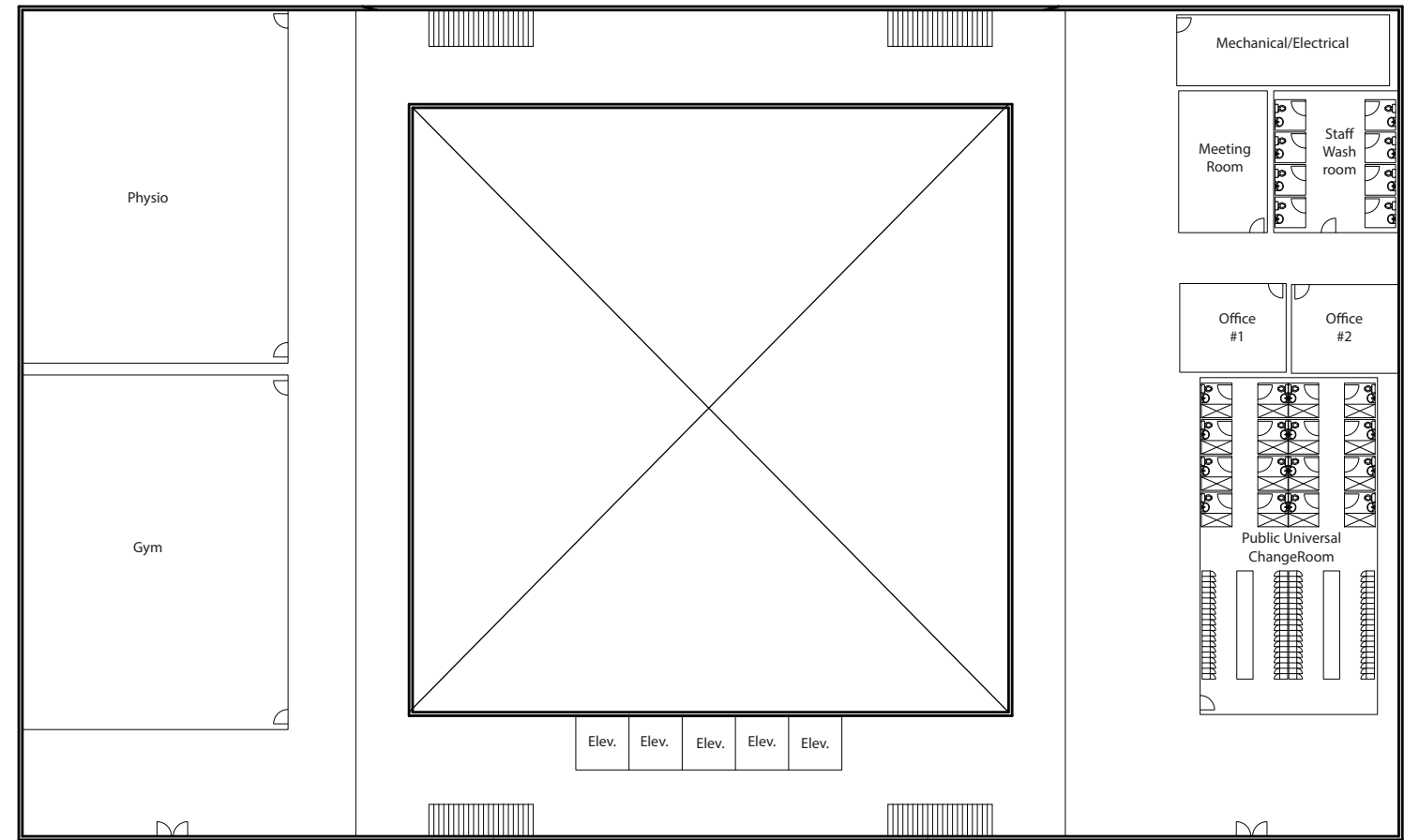




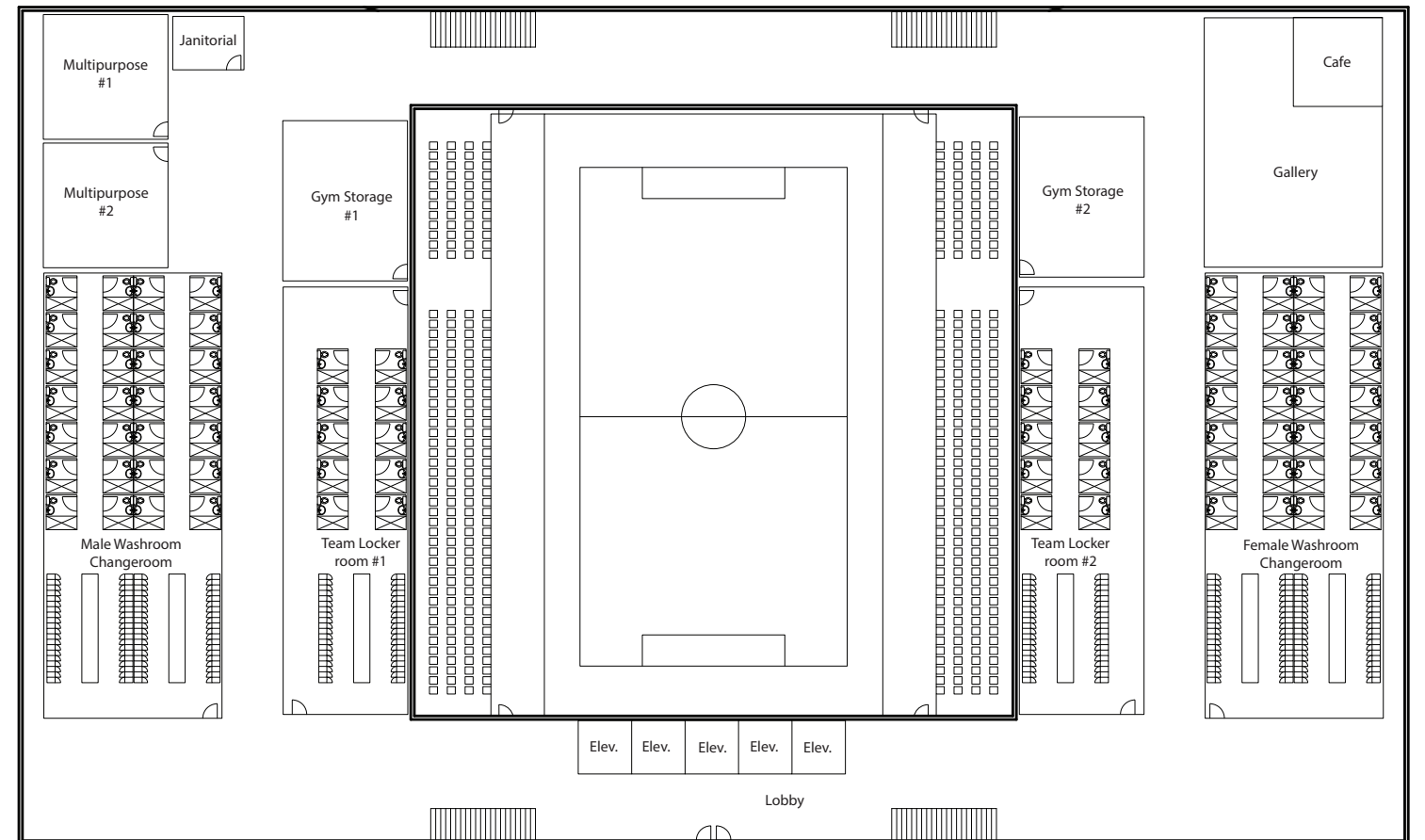


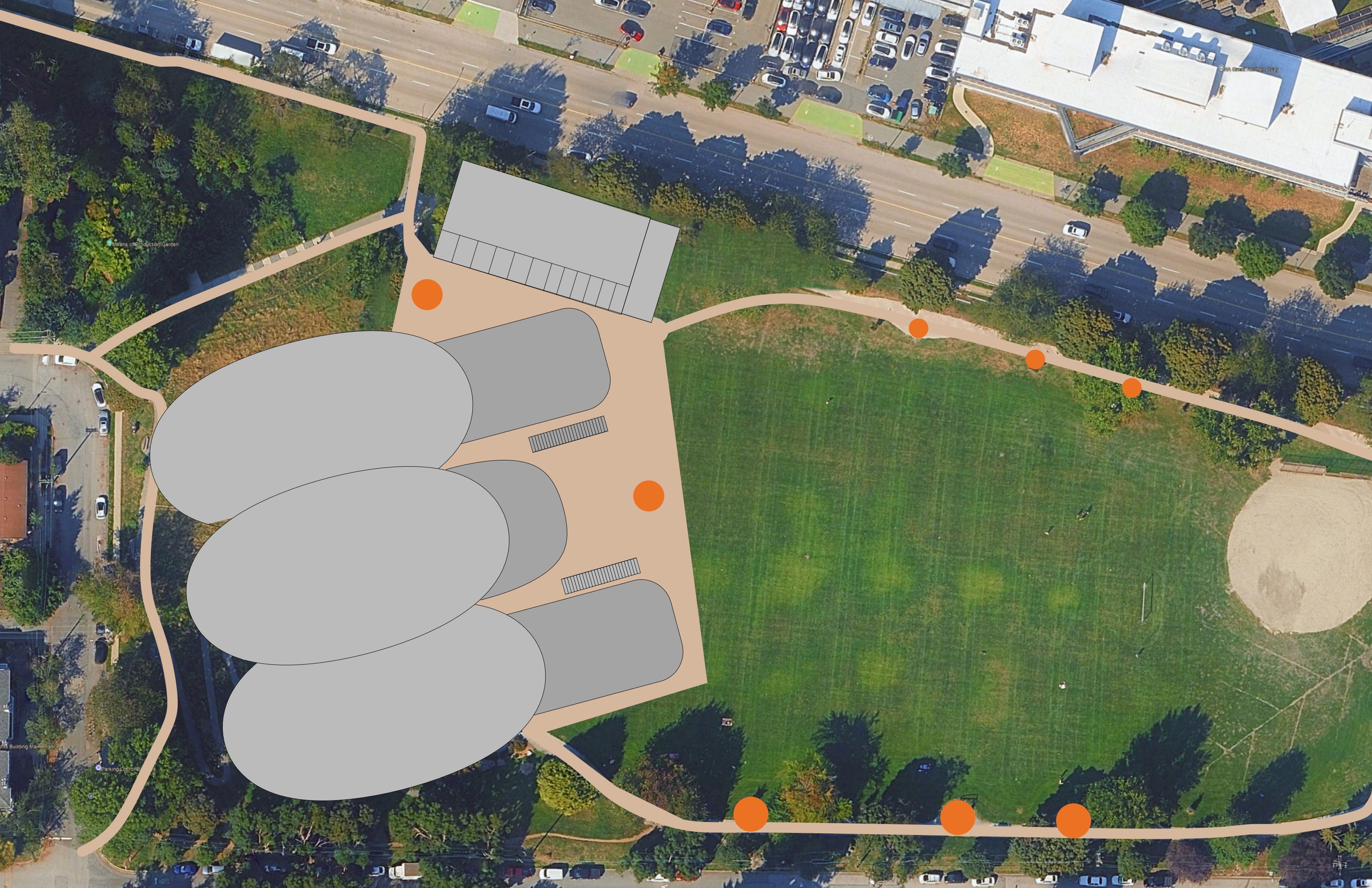


2nd Floor
1:400



1st Floor
1:400



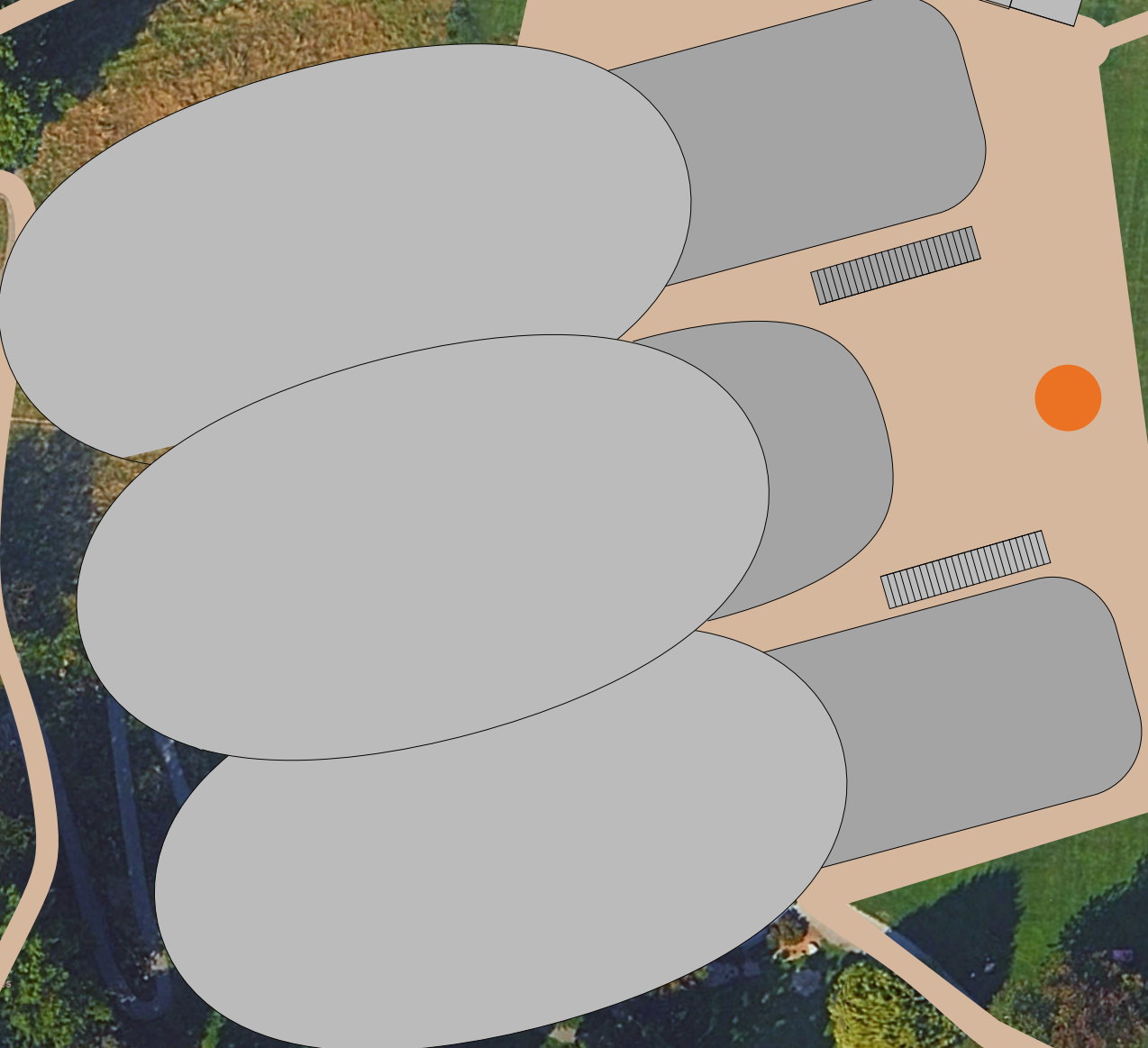
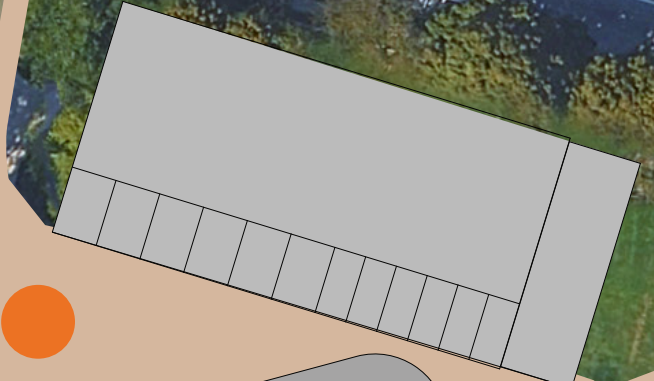


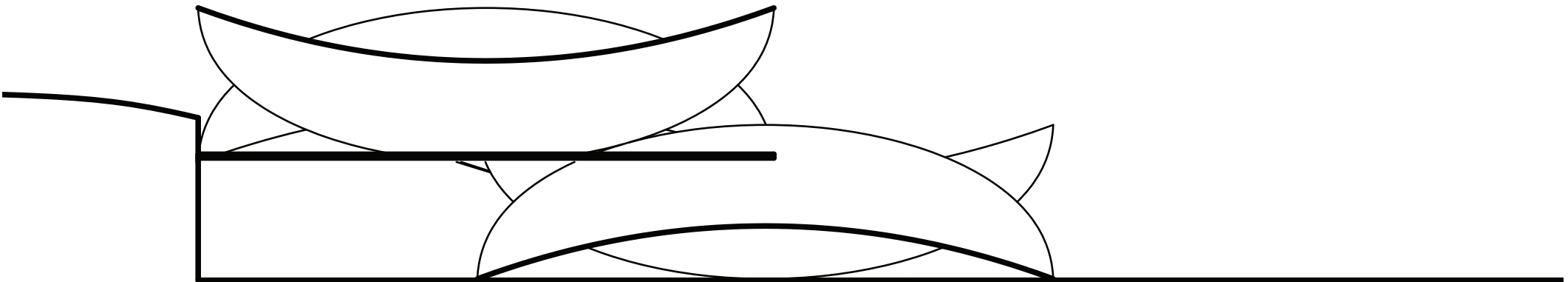
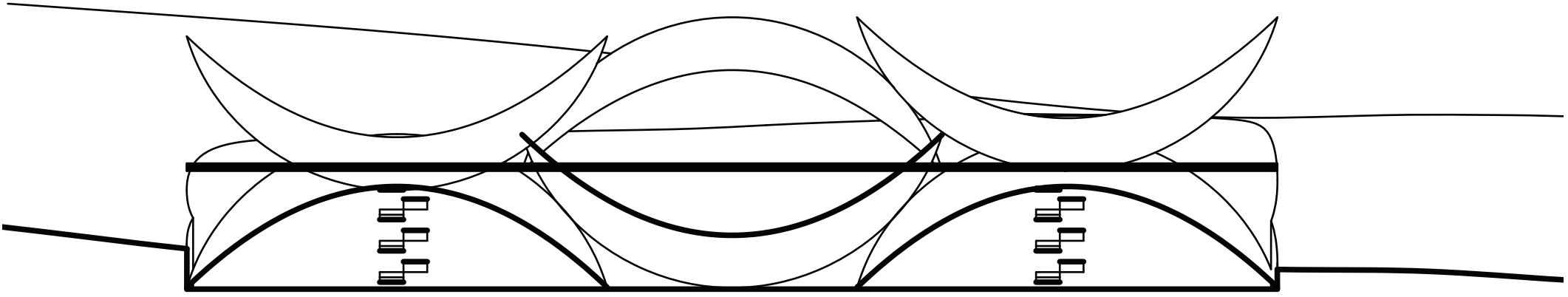
© 2014 Black Mountain Way

Means of Production Garden

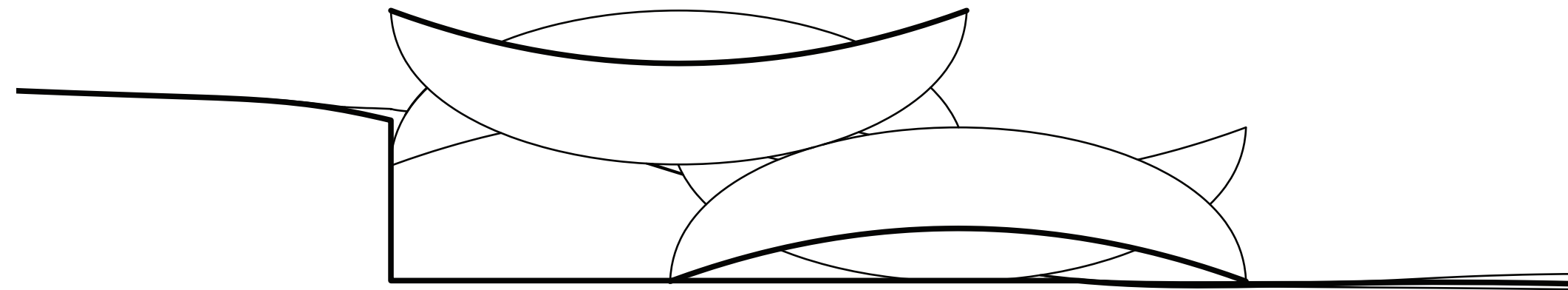
Building Maintenance

Parking Lot for Bikes

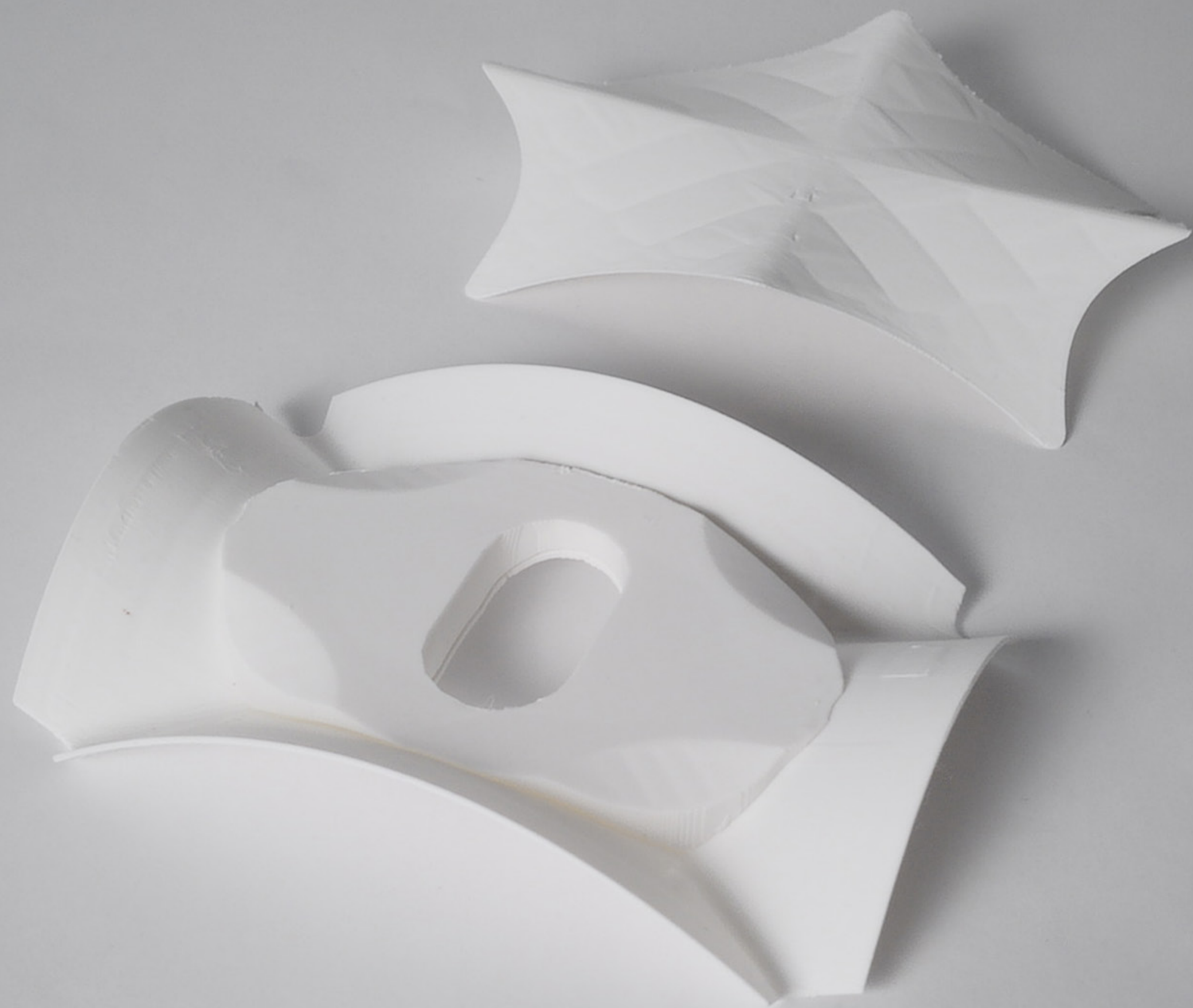


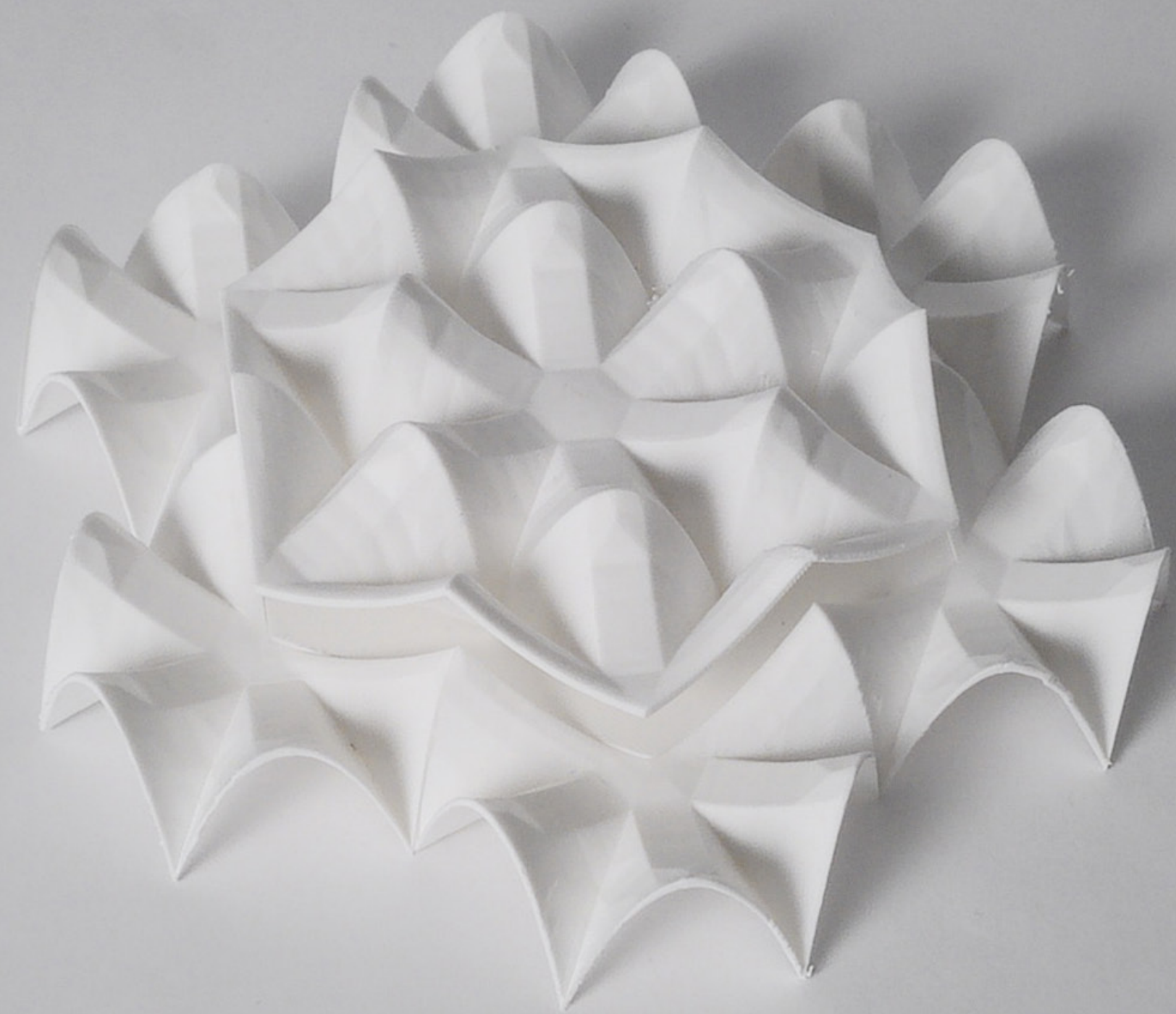


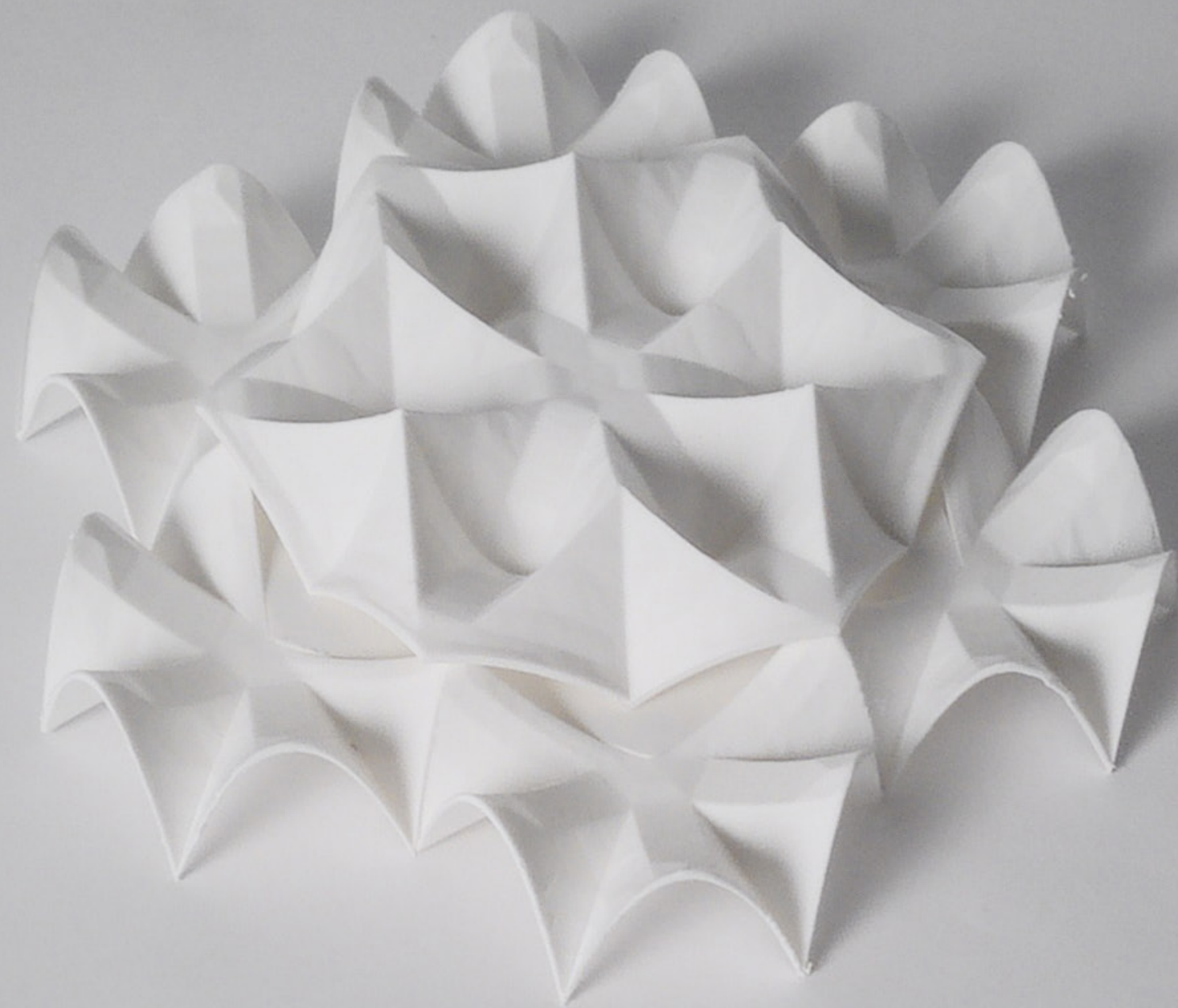
Section
1:400

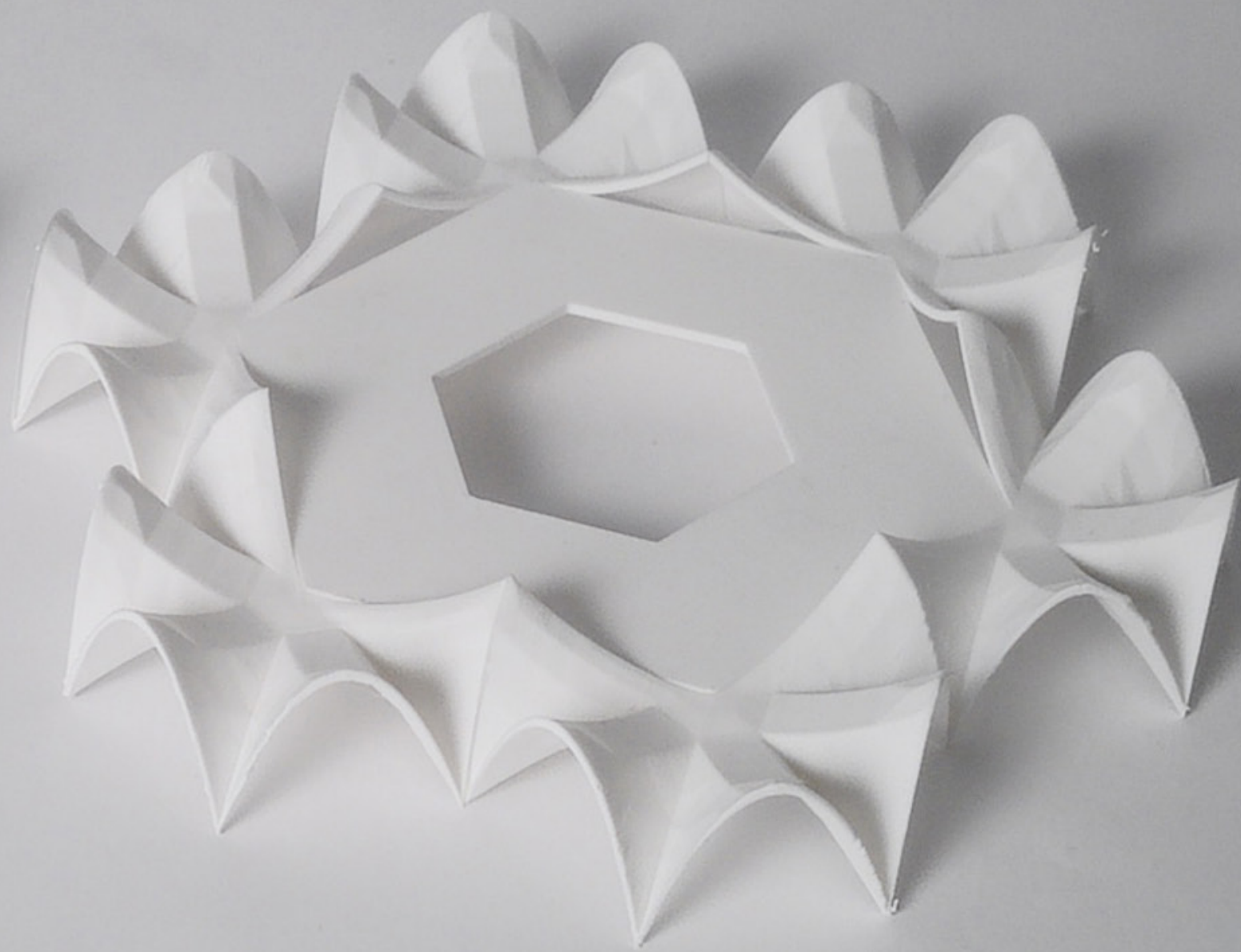
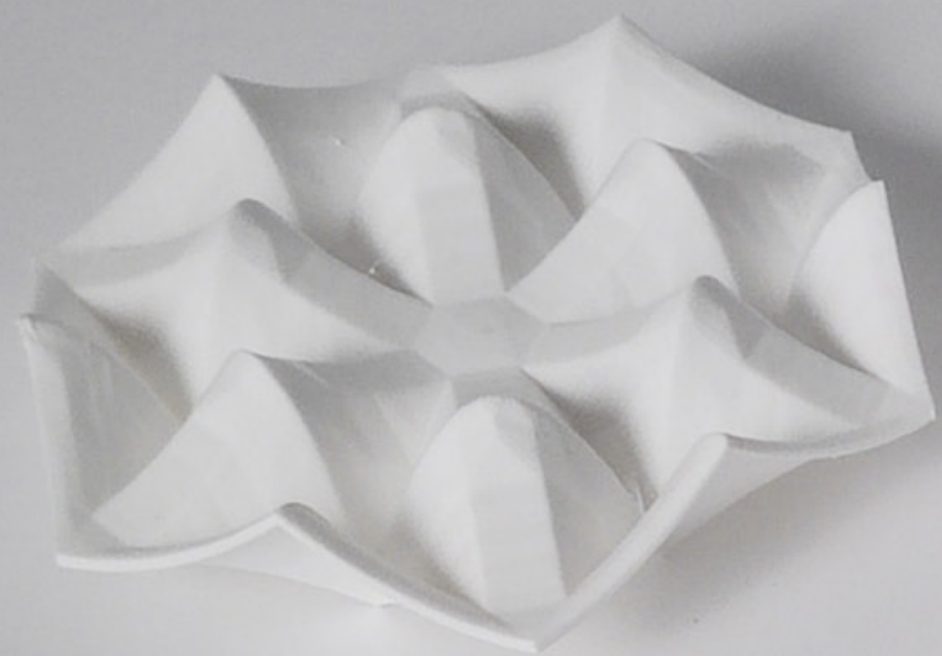






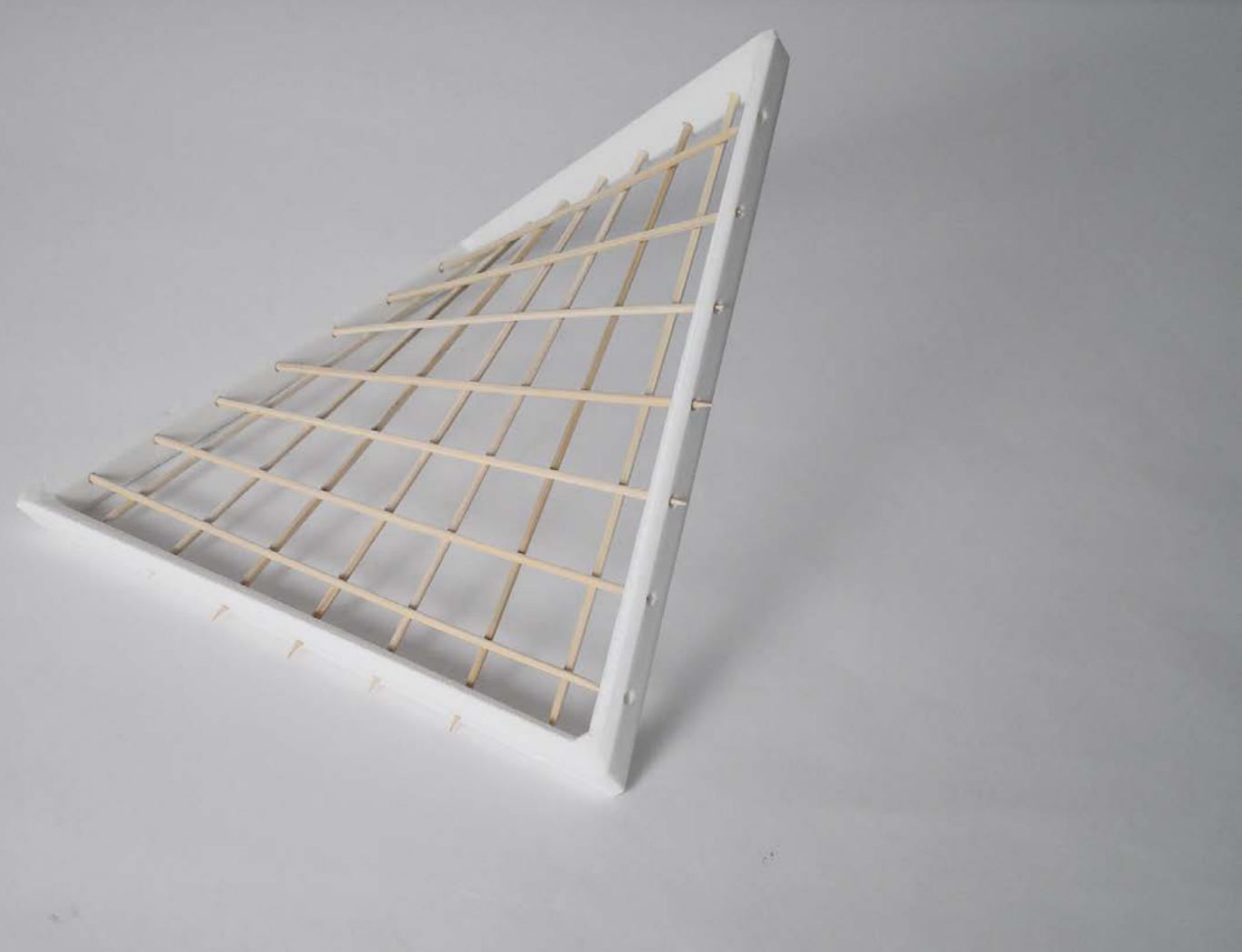
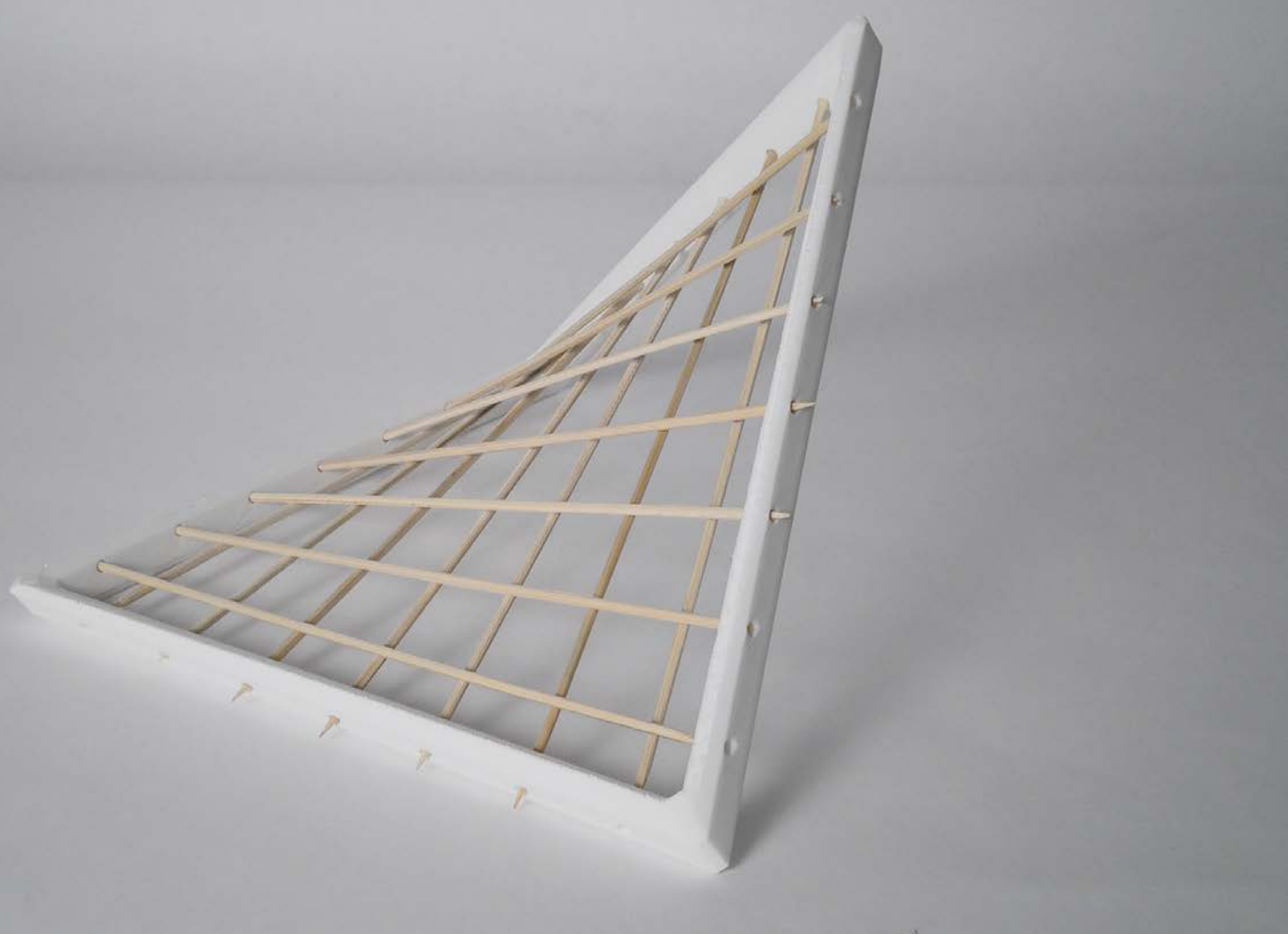


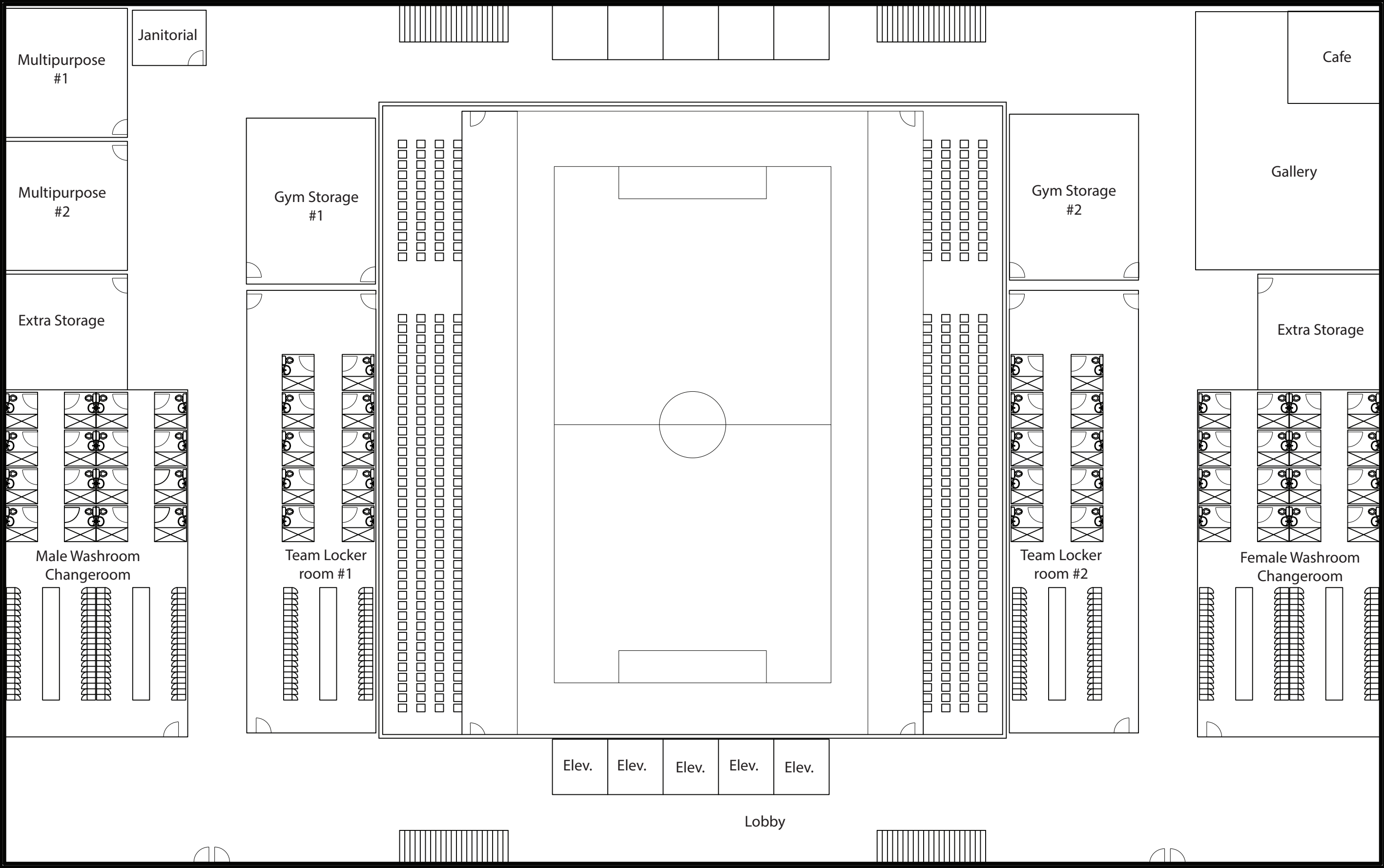




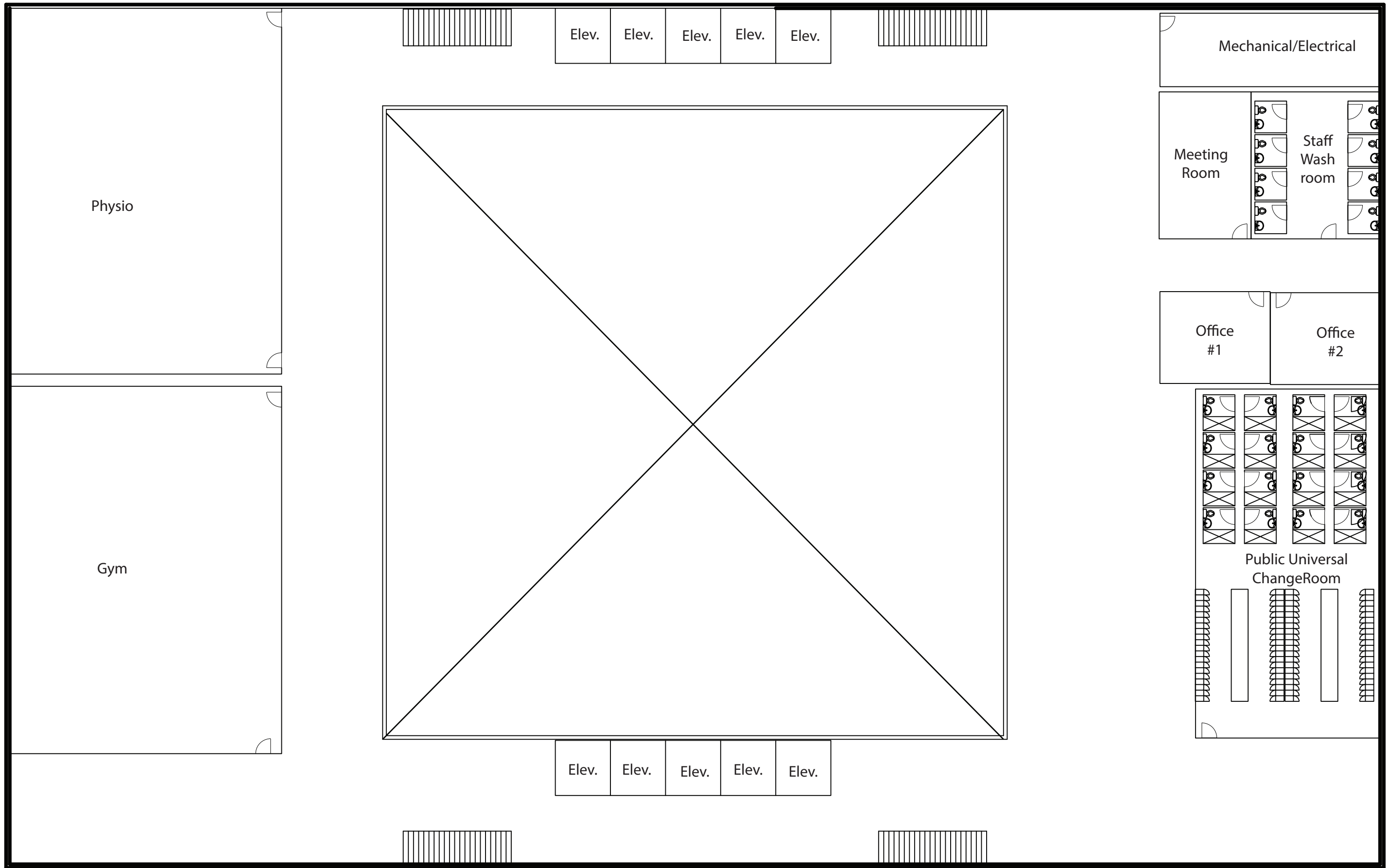




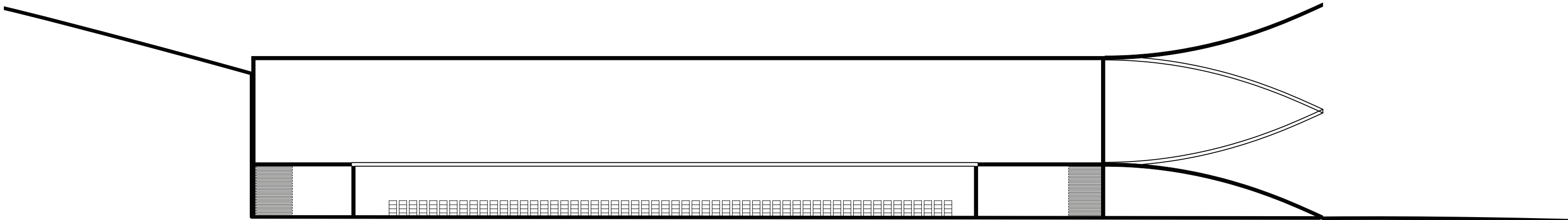




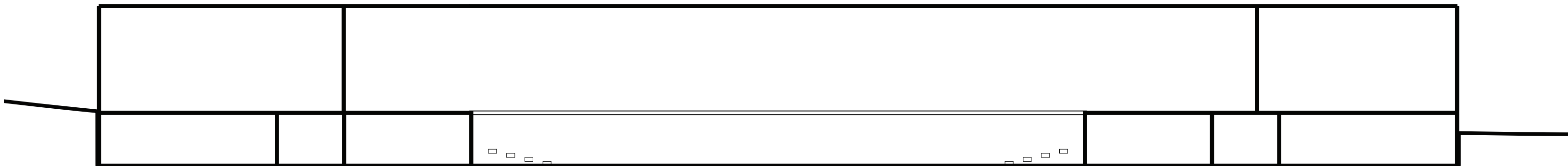
1st Floor - 1:200



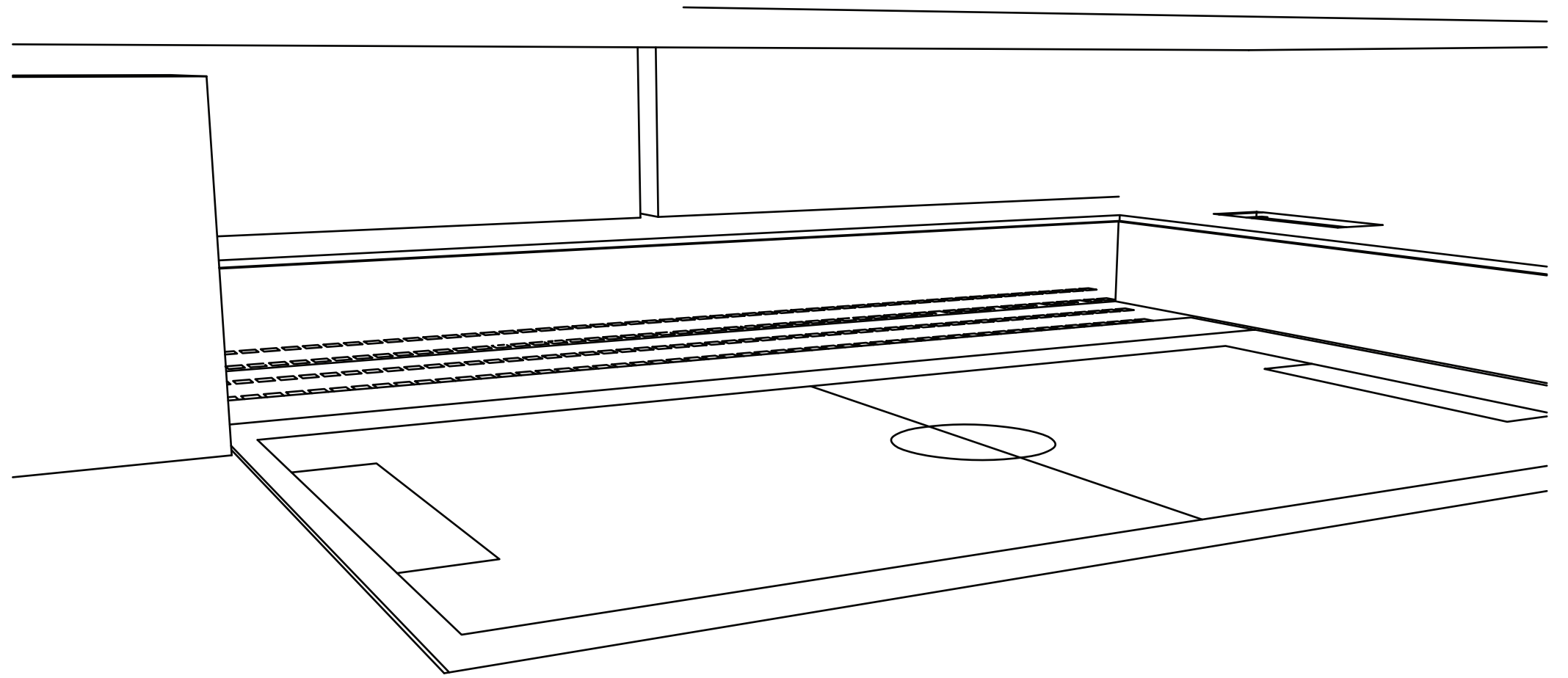
2nd Floor - 1:200



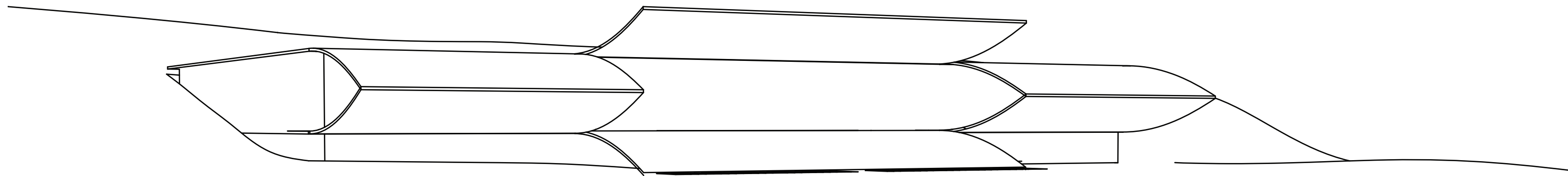
Side Section
1:200



Front Section
1:200



Interior Court Perspective



Exterior Perspective



Mount Pleasant Child Care

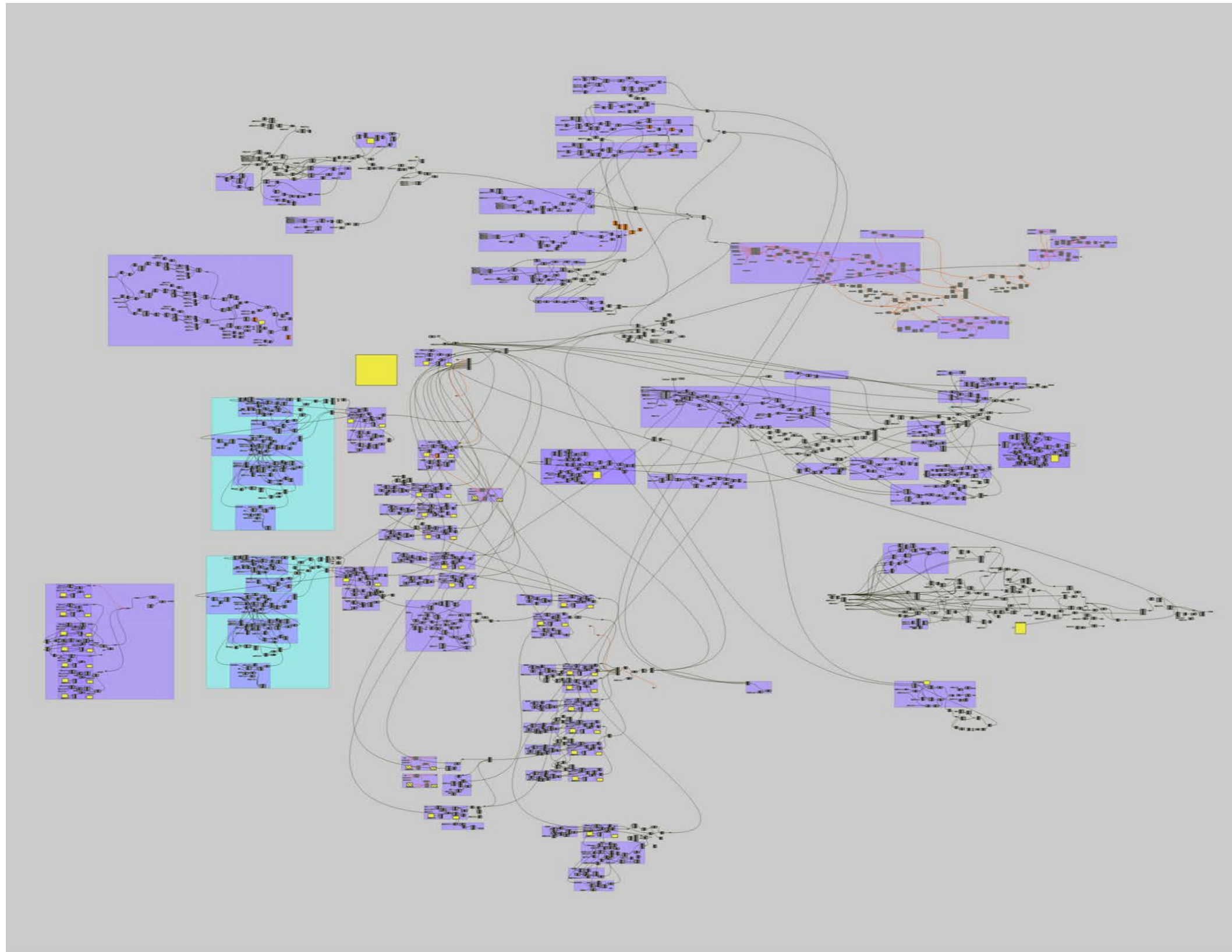
Parking Lot 10B

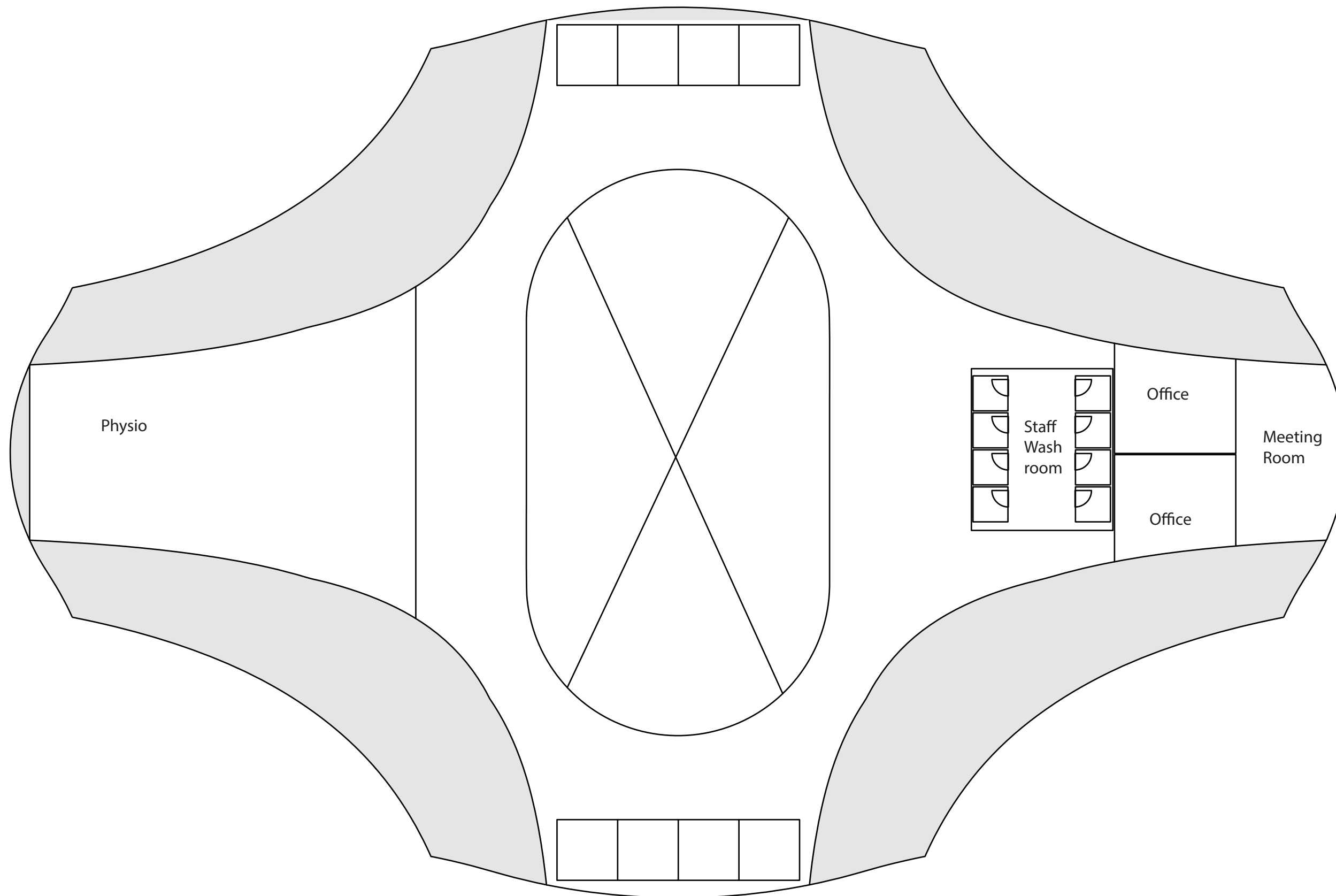
Chickadee Western Way

Chickadee Western Way

Mount Pleasant Child Care

Chickadee Western Way





Electrical / Mechanical

Janitorial

Multipurpose

Multipurpose

gym Storage

gym Storage

Gallery

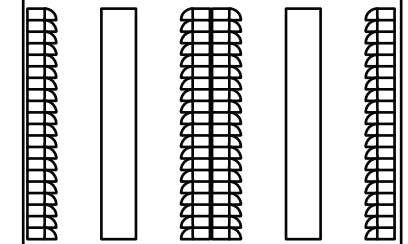
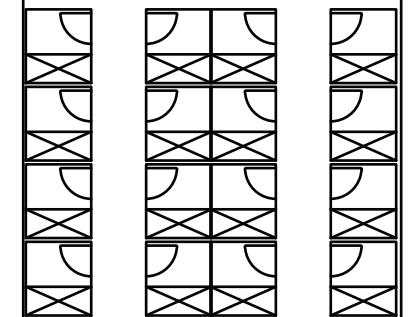
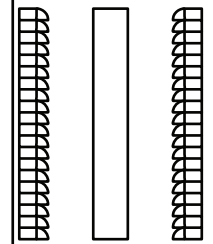
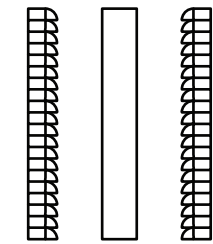
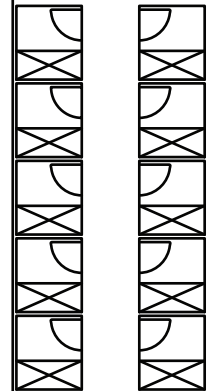
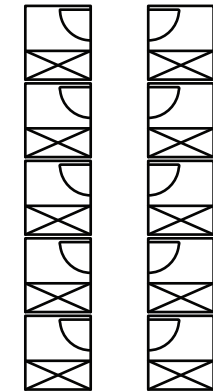
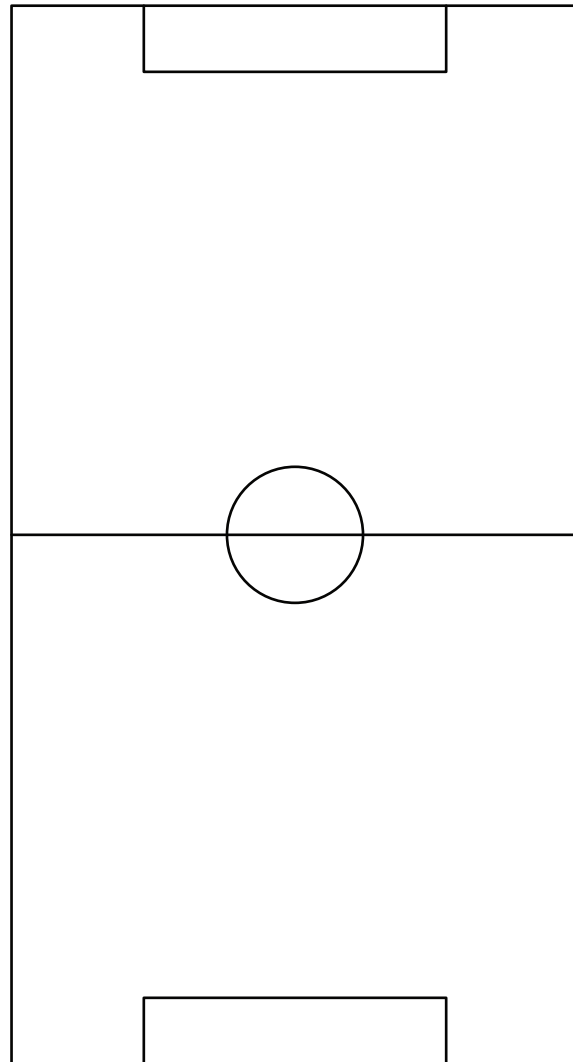
Cafe

Team Locker

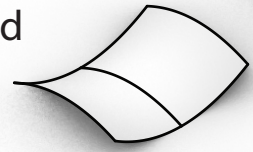
Team Locker

Universal washroom

Gym



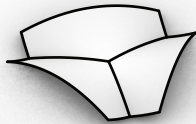
1) Hyperbolic Parabaloid



2) Half



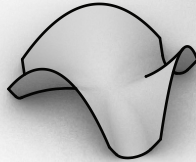
3) Trim



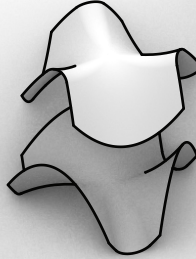
4) Polar Array



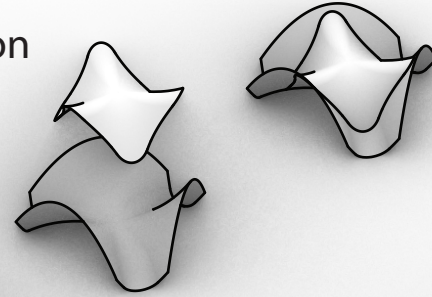
5) Fillet Edges



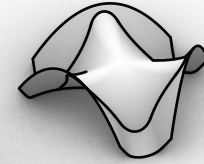
6) Flip, Scale, and Rotate



8) Trim Intersection



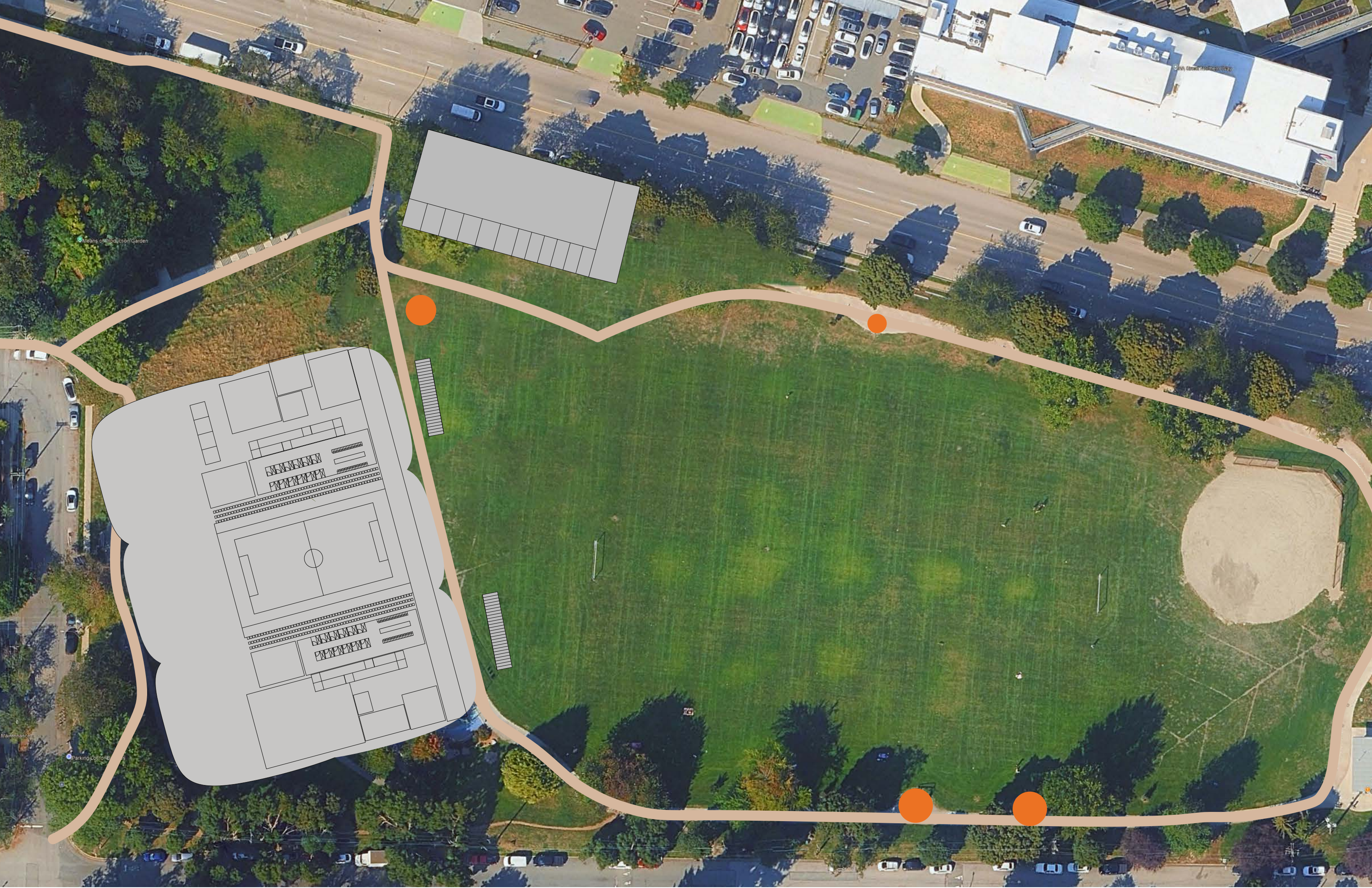
9) Result



3 Sides

4 Sides

5 Sides



Means of Production Garden

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Maintenance

Parking Lot for Buses

