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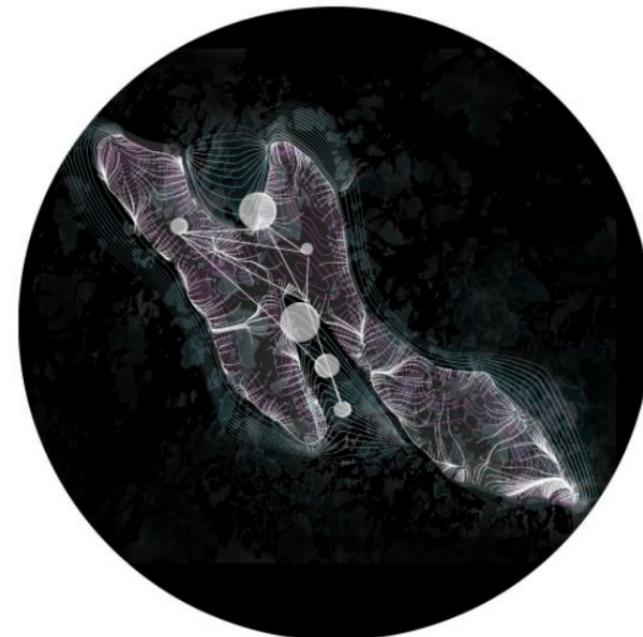
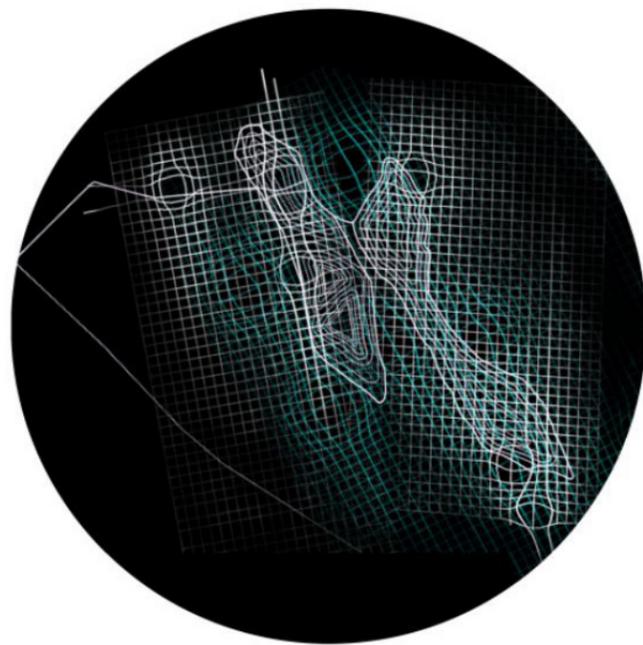
VERONICA HERNANDEZ

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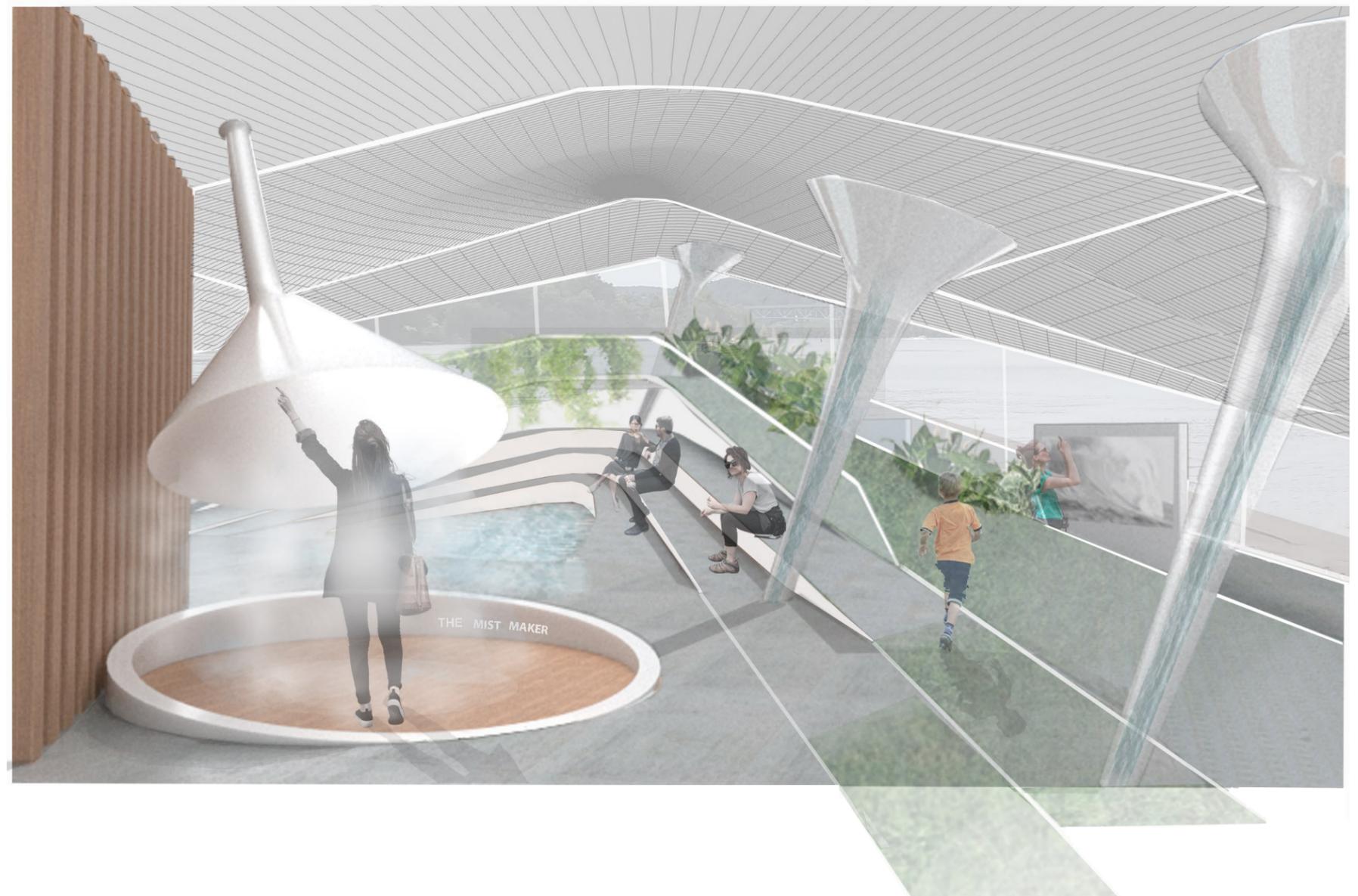
TABLE OF CONTENT

AQUA-SEUM	2
SCANSIO	5-7
ALGAE	8-9
SACO LAKE BATH HOUSE	10-12
INTERCONNECTEDNESS	13
YOUTH HOSTEL	14-15
CANDAS WETLANDS	16
TRI-VISOR	17
CONFLUENCIA	18-19
EYRI PAVILION	20
TINY PIPE HOME	21-23



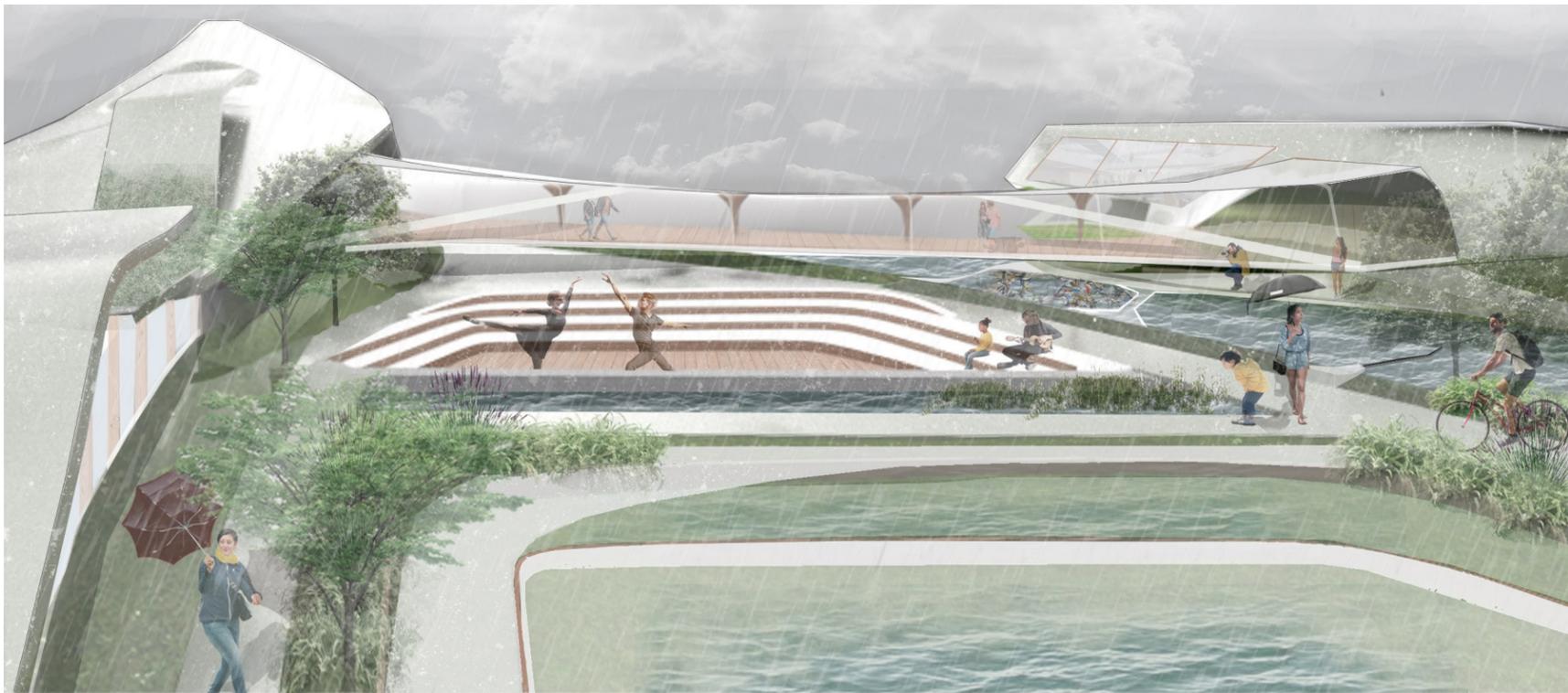
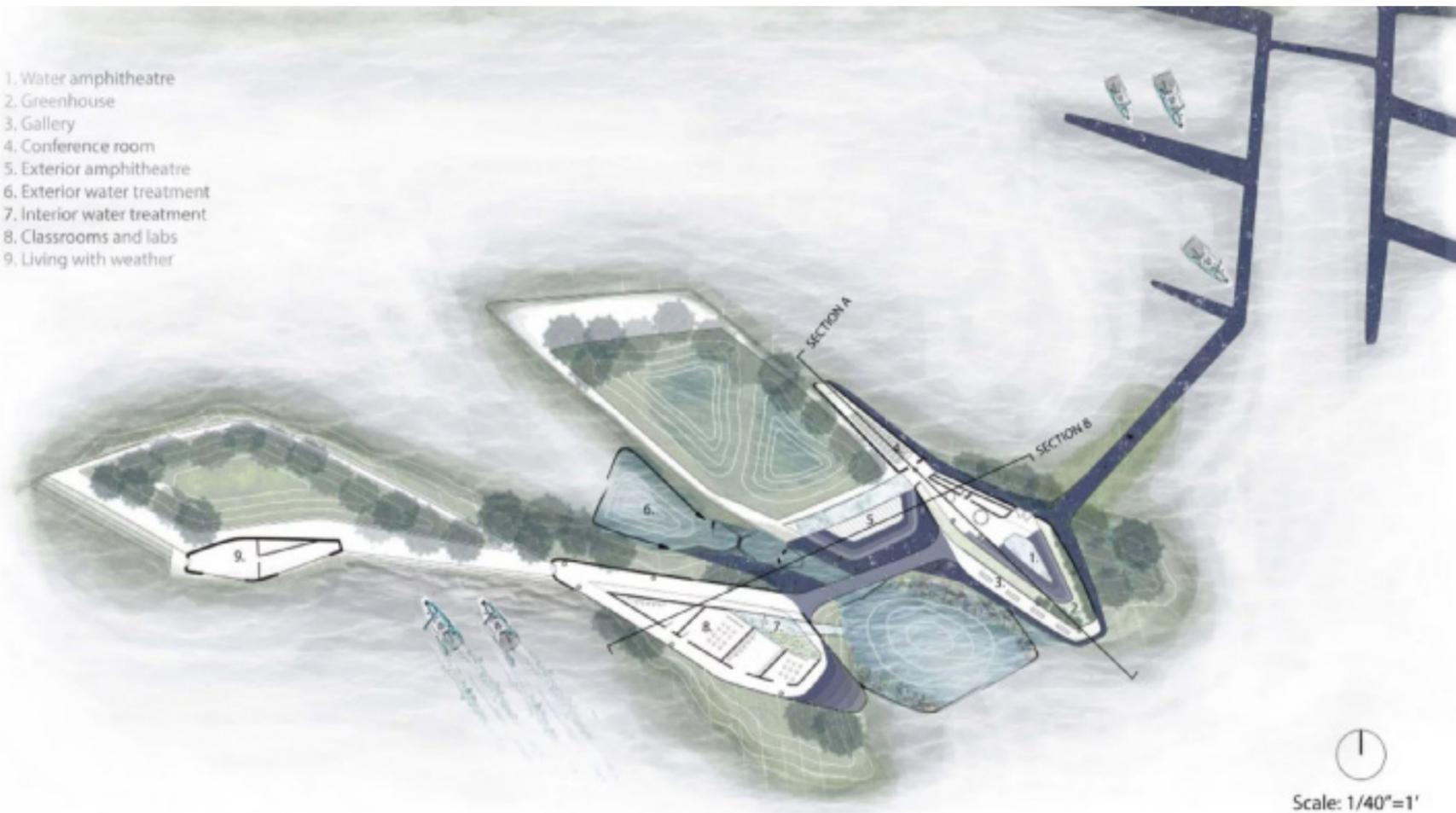
AQUA-SEUM

THE MUSEUM SERVES AS A WEATHER TRANSFORMATION AGENT AND A TEACHING AND LEARNING SPACE FOR CURRENT AND FUTURE GENERATIONS ABOUT WATER PRESERVATION FOR ENVIRONMENTAL PURPOSES. THE DESIGN USES PARAMETRIC AND GEO TECTONIC STUDIES FOR A LANDSCAPE AND ARCHITECTURE INFORMED DESIGN.



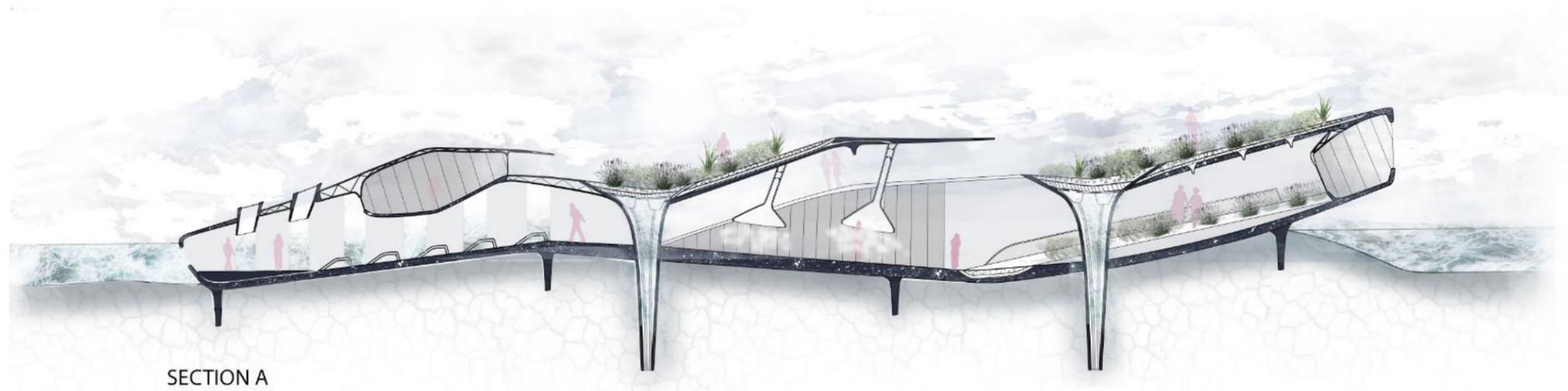


1. Water amphitheatre
2. Greenhouse
3. Gallery
4. Conference room
5. Exterior amphitheatre
6. Exterior water treatment
7. Interior water treatment
8. Classrooms and labs
9. Living with weather

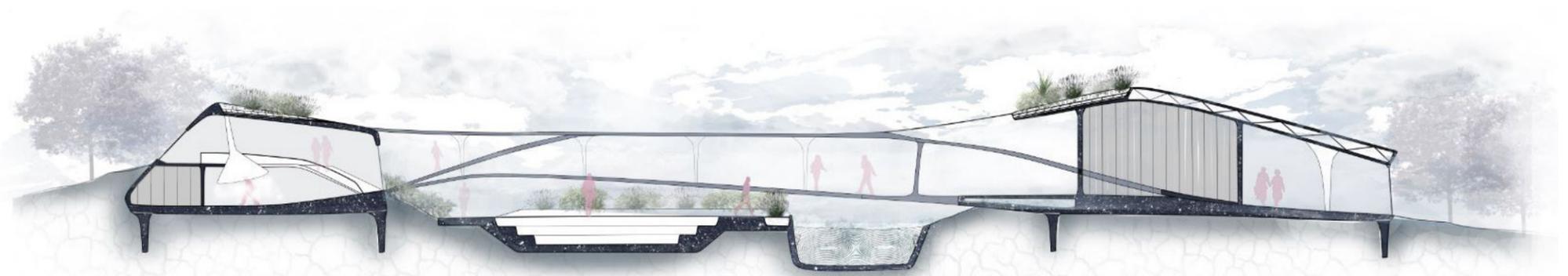




3D PRINTED CHUNK MODEL



SECTION A



SECTION B

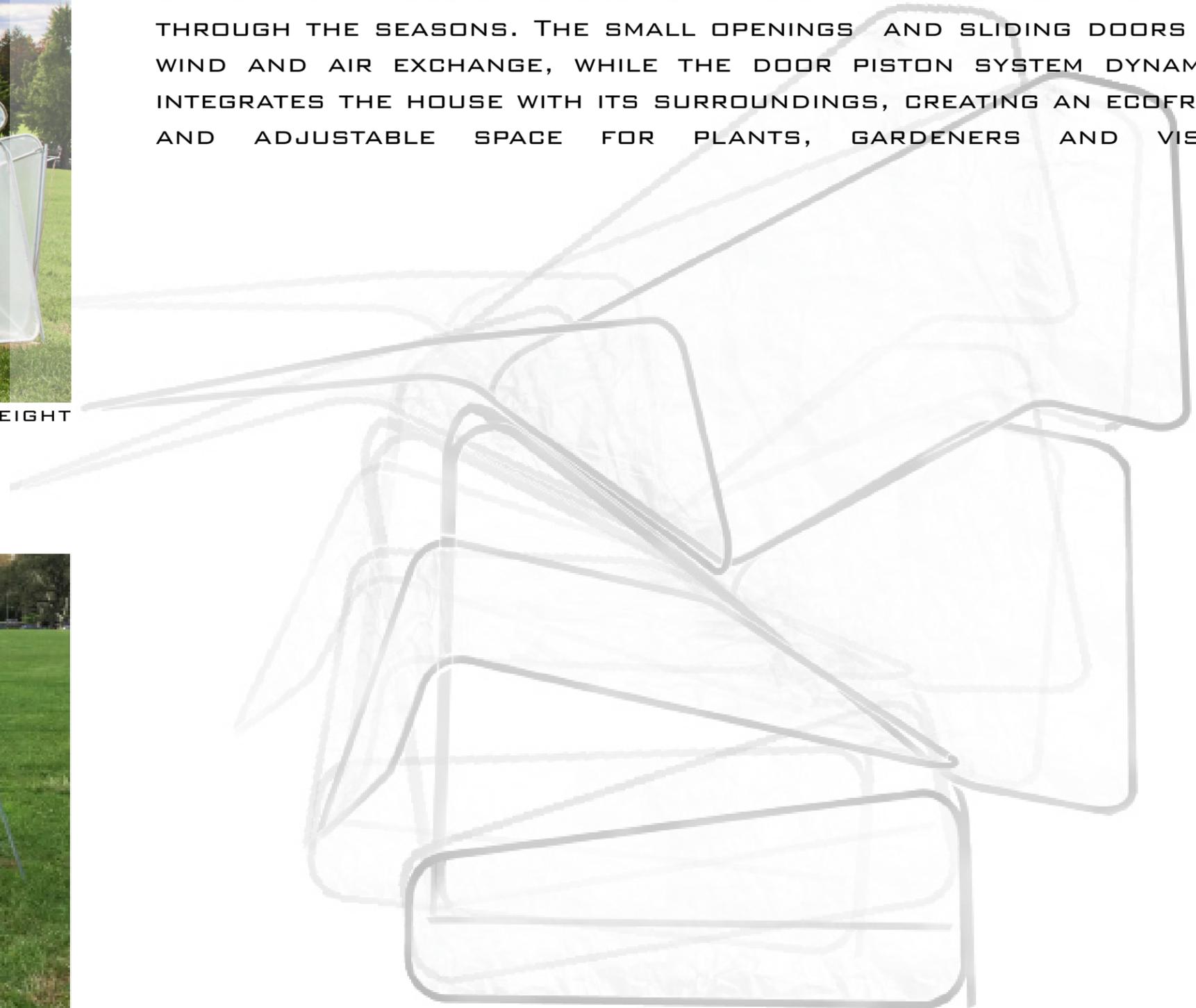
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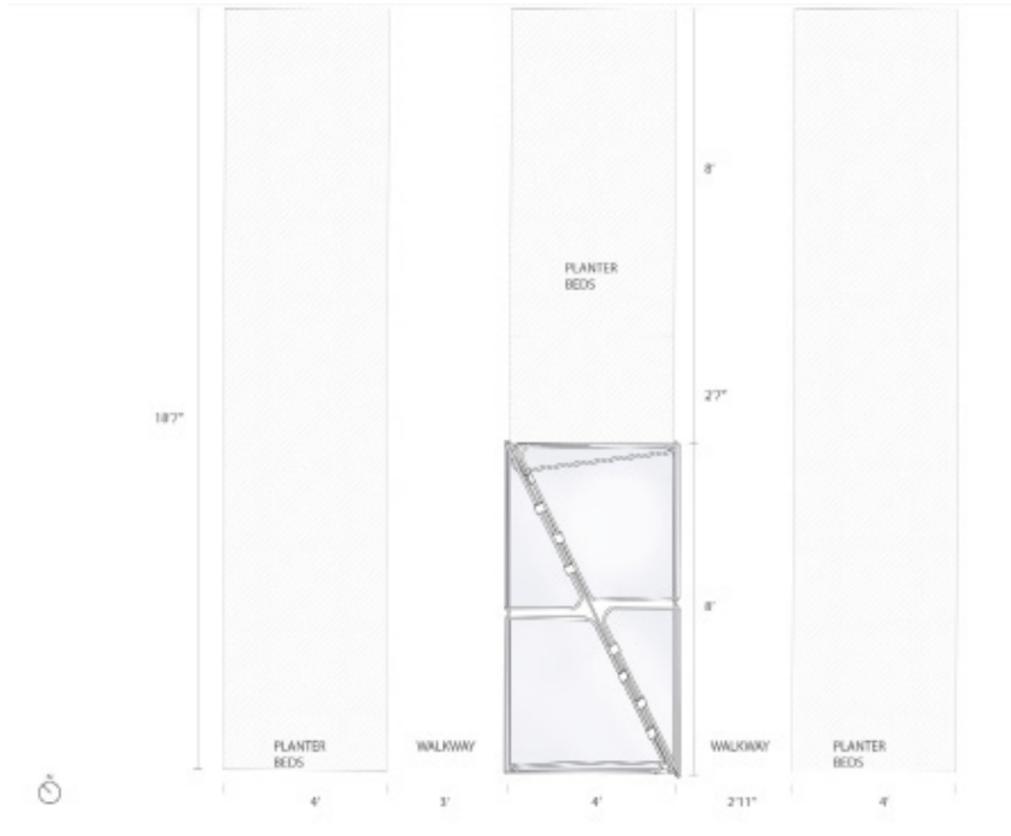
S.C.A.N.S.I.O [HOOP HOUSE]

THE HOOP HOUSE IS A COMISSION FOR PITTSBURGH'S PHIPPS CONSERVATORY OF PLANTS. IT SEEKS TO CREATE A HEALTHY ENVIRONMENT FOR PLANTS THROUGH THE SEASONS. THE SMALL OPENINGS AND SLIDING DOORS ALLOW WIND AND AIR EXCHANGE, WHILE THE DOOR PISTON SYSTEM DYNAMICALLY INTEGRATES THE HOUSE WITH ITS SURROUNDINGS, CREATING AN ECOFRIENDLY AND ADJUSTABLE SPACE FOR PLANTS, GARDENERS AND VISITORS.

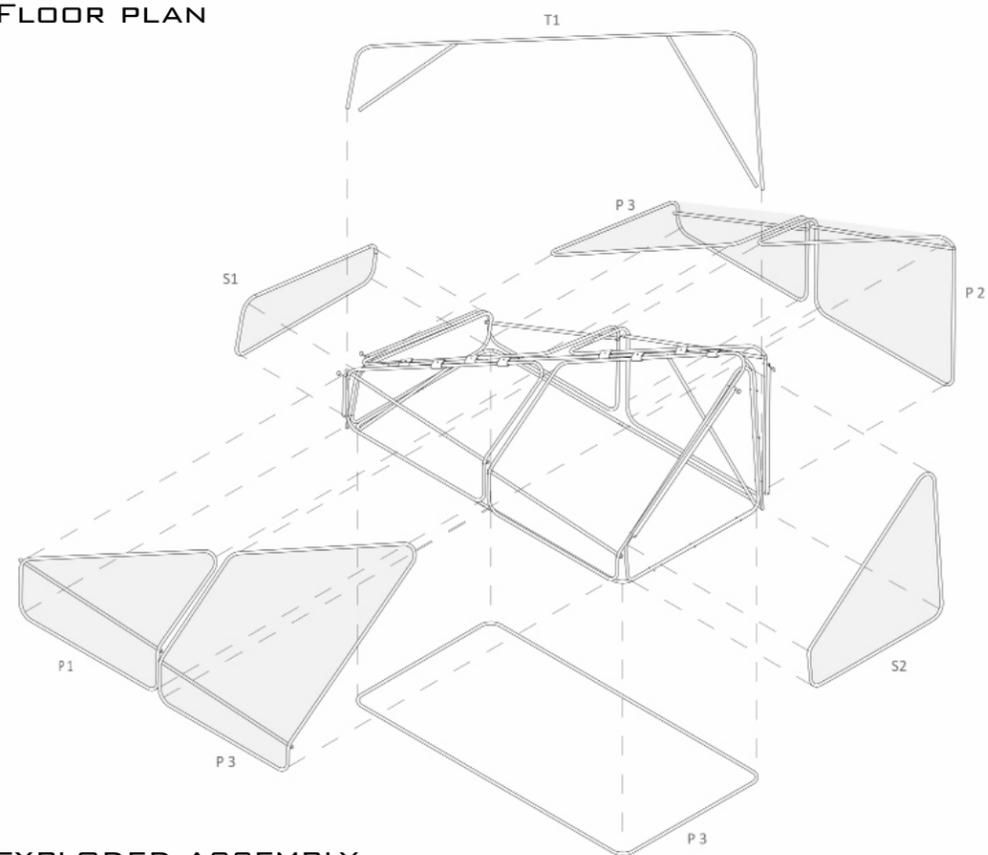


PHYSICAL 8 FT LENGHT X 4 F WIDTH & 6 FT HEIGHT





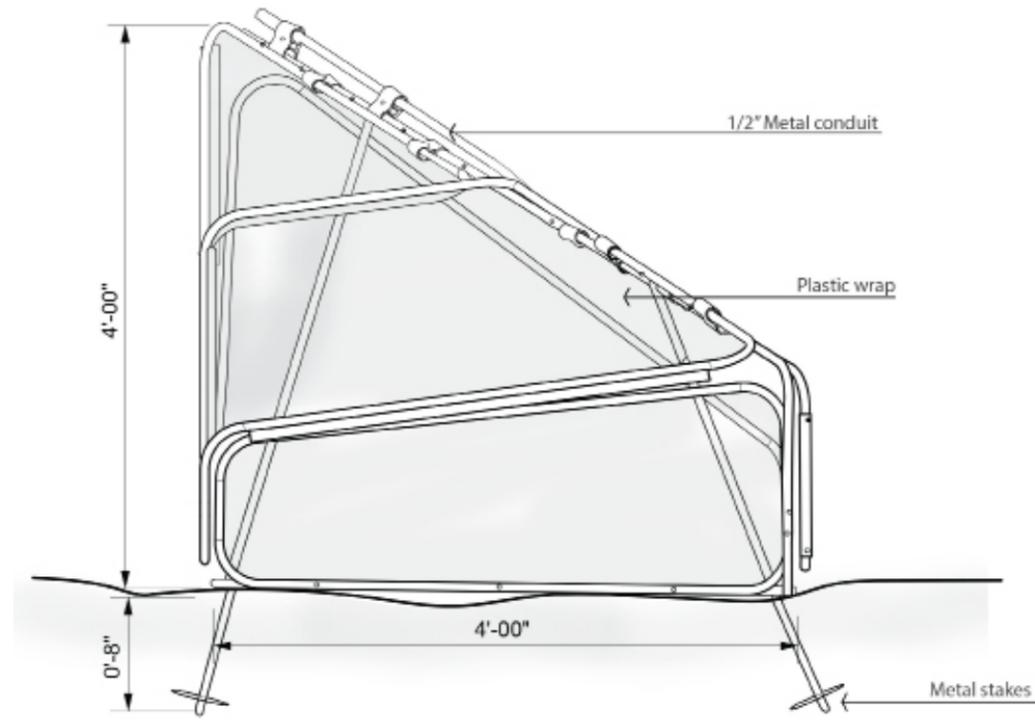
FLOOR PLAN



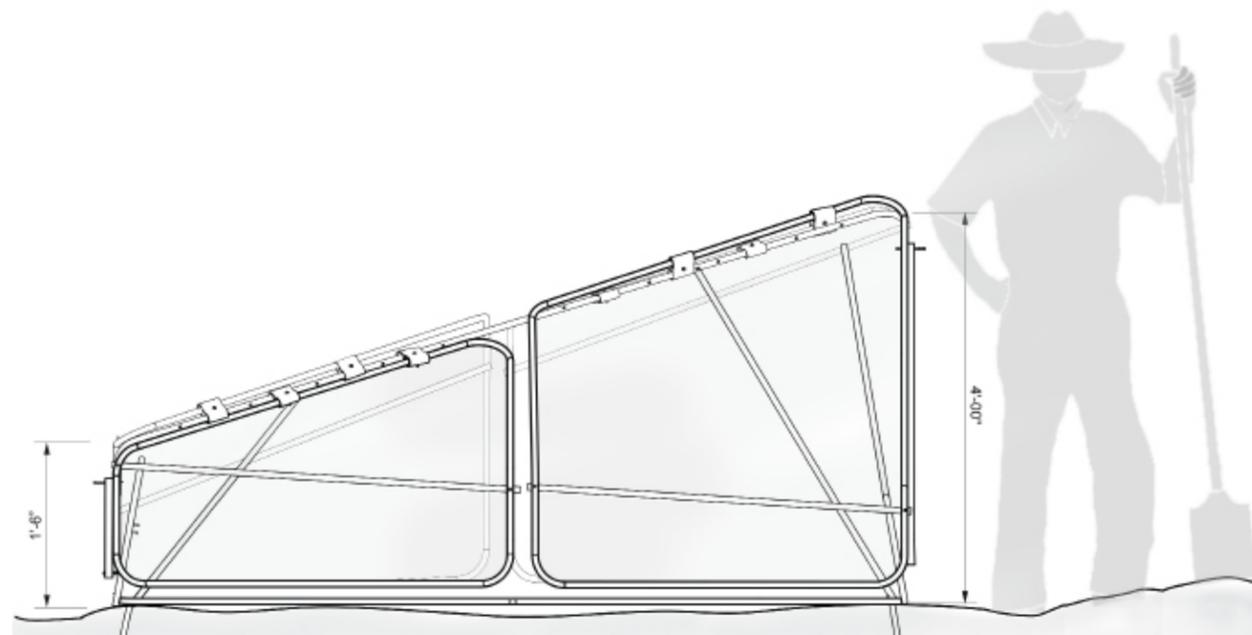
EXPLODED ASSEMBLY



PHYSICAL MOEL
SCALE: 1.0" = 1.0'



SOUTH-WEST ELEVATION



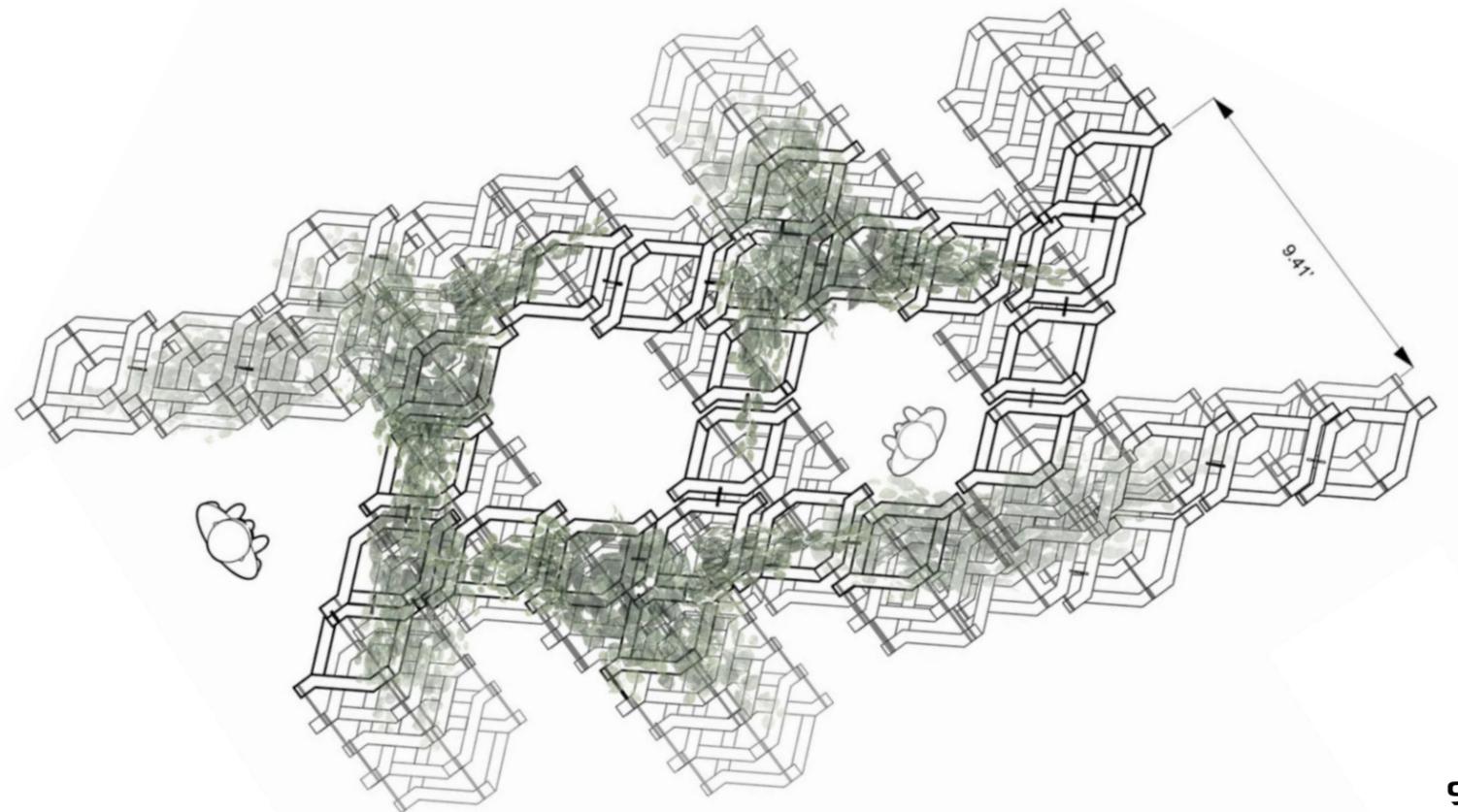
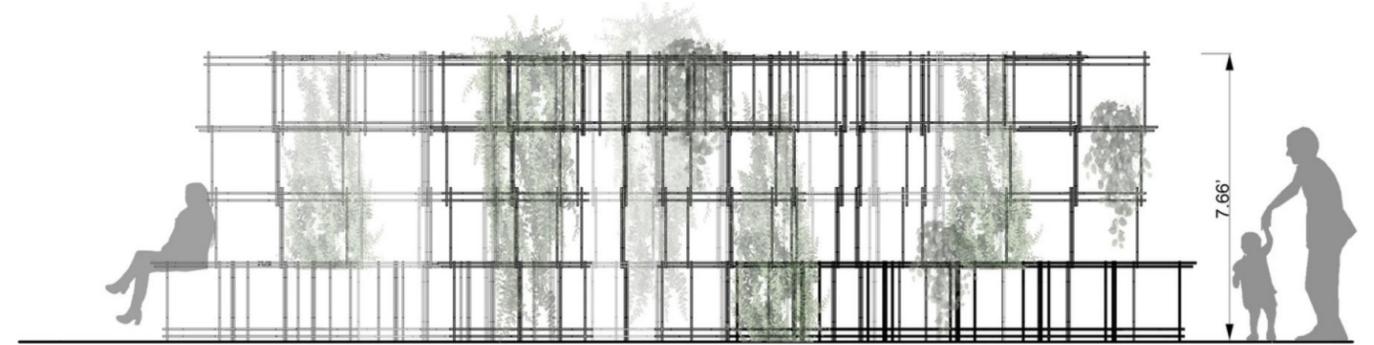
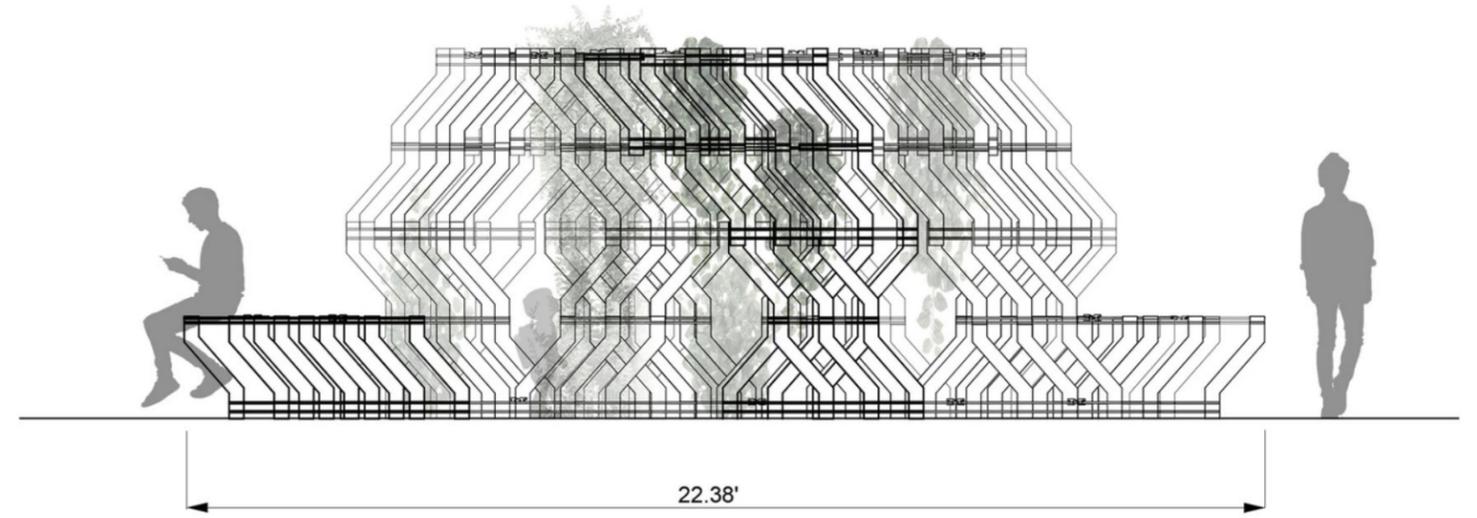
NORTH-WEST ELEVATION



ALGAE

A VERTICAL GARDEN THAT EXPLORES THE FUNDAMENTALS OF COMPUTATIONAL DESIGN. THE STRUCTURE DEVELOPED WITH GRASHOPPER PARAMETRIC TOOLS USES A REPETITIVE BASE UNIT ARRANGED TO CREATE A DYNAMIC INSTALLATION FOR THE GROWTH OF VINES AND THE USE OF PEOPLE. A 8FT TALL PORTION OF THE PROJECT WAS BUILT IN WOOD WITH THE CNC MACHINE.



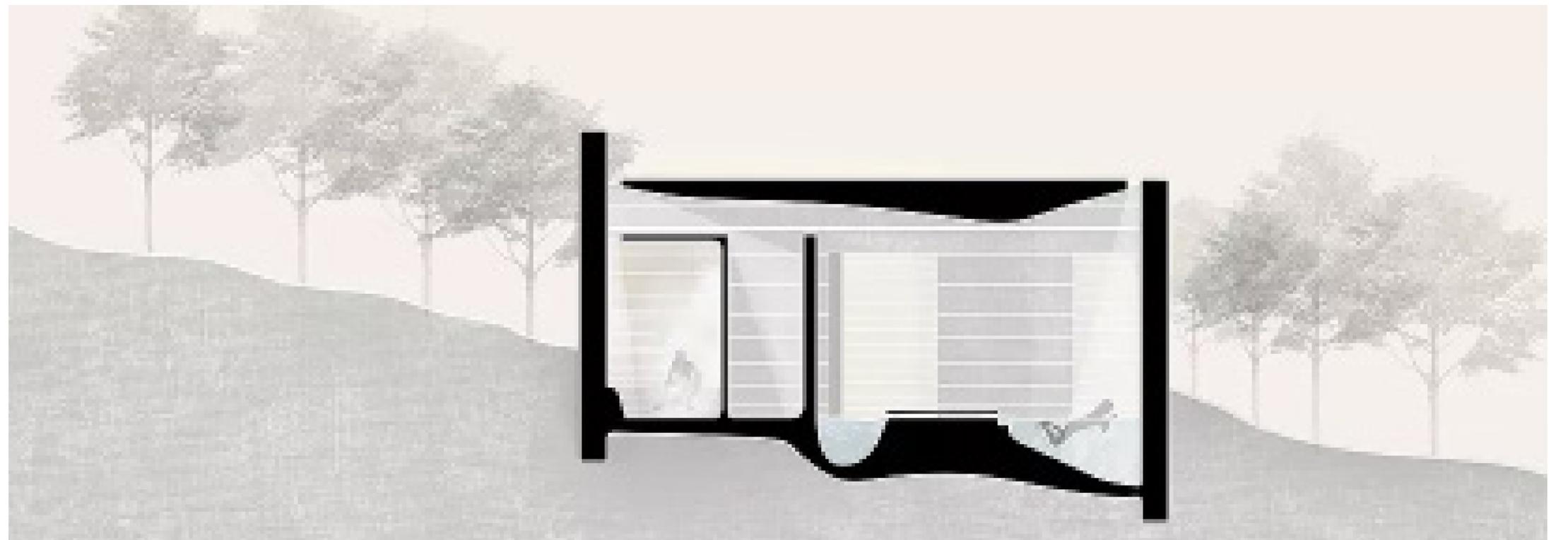


SACO LAKE BATHHOUSE

LOCATED IN NEW HAMPSHIRE, THE BATHHOUSE IS INSPIRED BY THE FORM & MOVEMENT OF THE TOPOGRAPHY & SURROUNDING ENVIRONMENT. THE INTERSECTIONS BETWEEN CONCRETE SURFACES SERVE AS OPPORTUNITIES TO BRING THIN STRANDS OF NATURAL LIGHT INSIDE, CREATING AN ILLUMINATED PATH. THE INDOOR/OUTDOOR MECHANISM ALLOWS FOR VISITOR'S RELAXATION AND CONNECTION WITH THE NATURAL ENVIRONMENT.







INTERCONNECTION

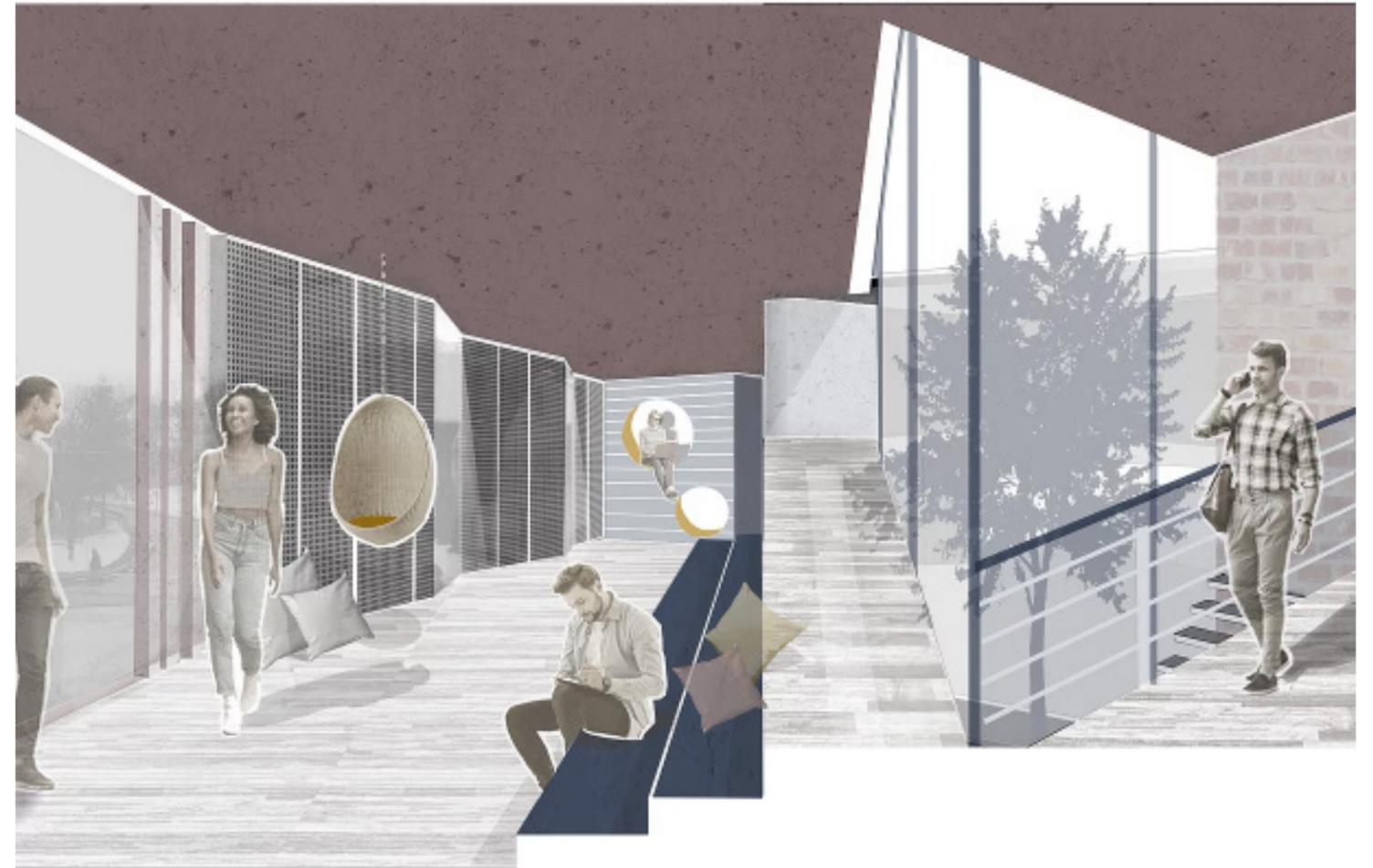
A DOUBLE SIDED WOOD TRUNK PAINTED WITH ACRYLIC AND OIL PASTEL. IT IS INSPIRED BY THE CONNECTION BETWEEN THE FEMALE AND THE MALE BODY WITH OUR NATURAL ENVIRONMENT.

DIMENSIONS: 1,10 x 1,0 M



SPRING AVE. YOUTH HOSTEL

THE SHIFTING OF ANGLES AND THE OFFSET OF THE TWO FLOORS ALLOWS FOR OPEN AND FLEXIBLE SPACES OF SOCIAL INTERACTION BETWEEN THE OLD BRICK STRUCTURE, THE NEW BUILDING AND BETWEEN THE HOSTELERS AND RESIDENTS OF THE NEIGHBORHOOD.







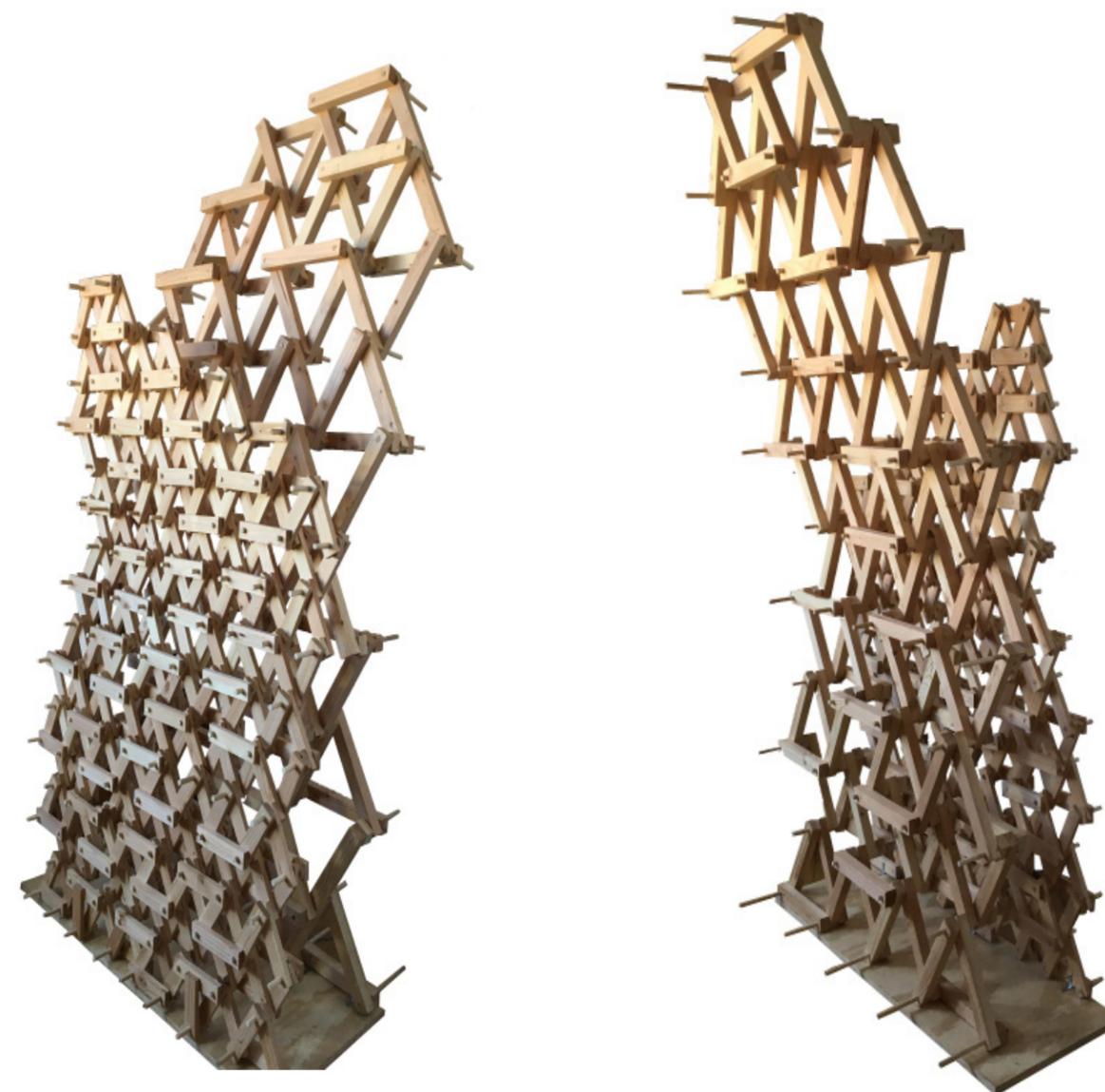
CANOAS WETLANDS

DRAWINGS AND ANALYSIS DEVELOPED FOR THE LANDSCAPE ARCHITECTURE FIRM DIANA WIESNER. THE 2024 PROJECT SEEKS THE RESTUARTION OF 5 STAGES OF THE BOGOTA RIVER, ONE OF THE MOST POLLUTED YET IMPORTANT RIVERS OF COLOMBIA. THE RESTORATION IS DONE BY INTRODUCING BIOPHILIC PLANTS, ANIMAL SPECIES AND GREEN BELTS. NEW PATHS AND VISITOR FACILITIES ALLOW FOR PUBLIC EXPERIENCING OF THE RIVER.



TRI-VISOR

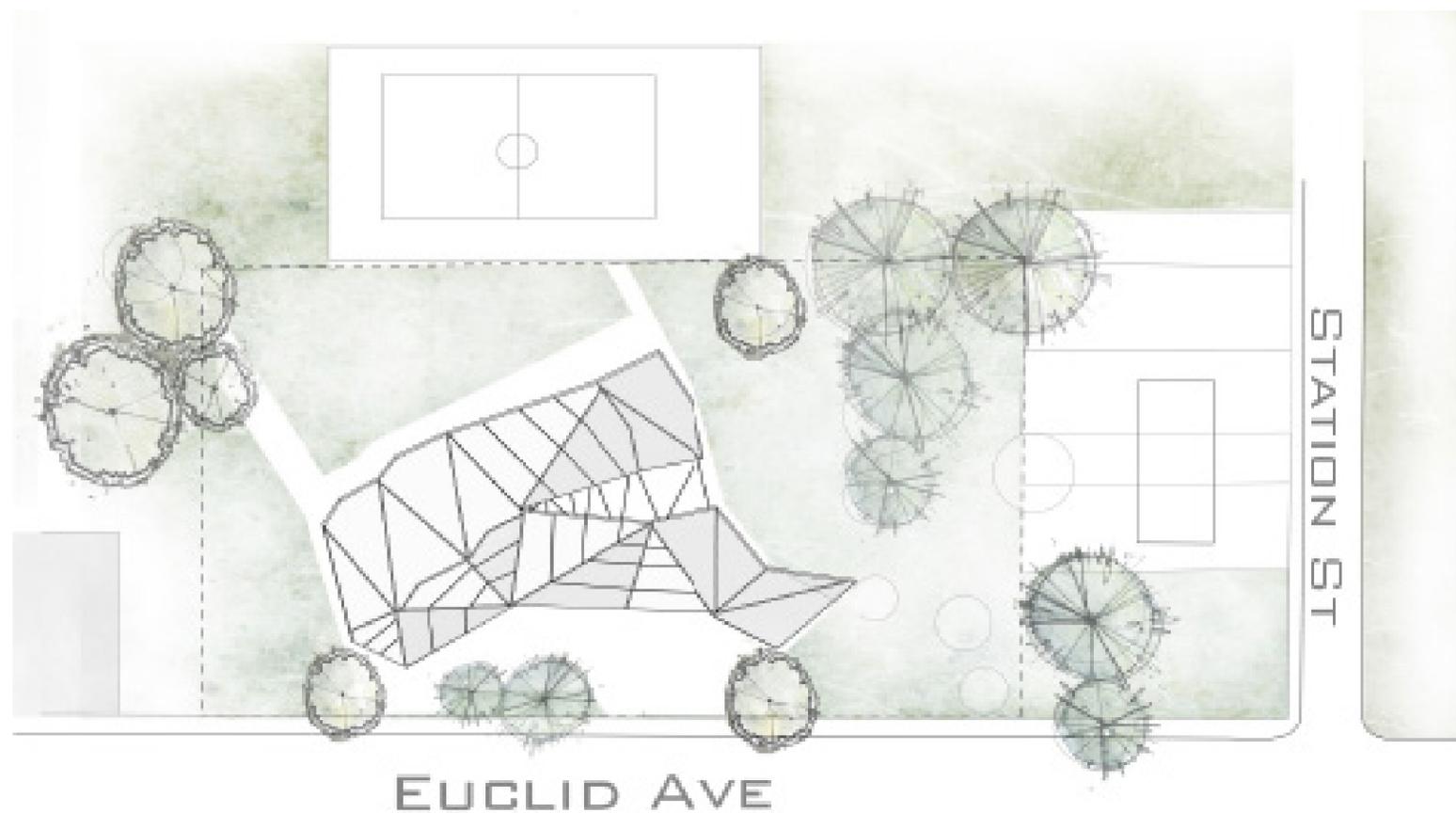
THE TRI-VISOR IS A DOUBLE LAYERED WOODEN WALL MADE OF VARYING TRIANGULAR UNITS. IT SEEKS TO ENGAGE THE HUMAN BODY AND THE SHADOWS OF LIGHT IN THE ACT OF SPACED DIVISION. AS AN OUTCOME, A 8 FT TALL BY 4 FT WIDE FRAGMENT OF THE DIVISOR WAS HAND BUILT IN WOODSHOP.

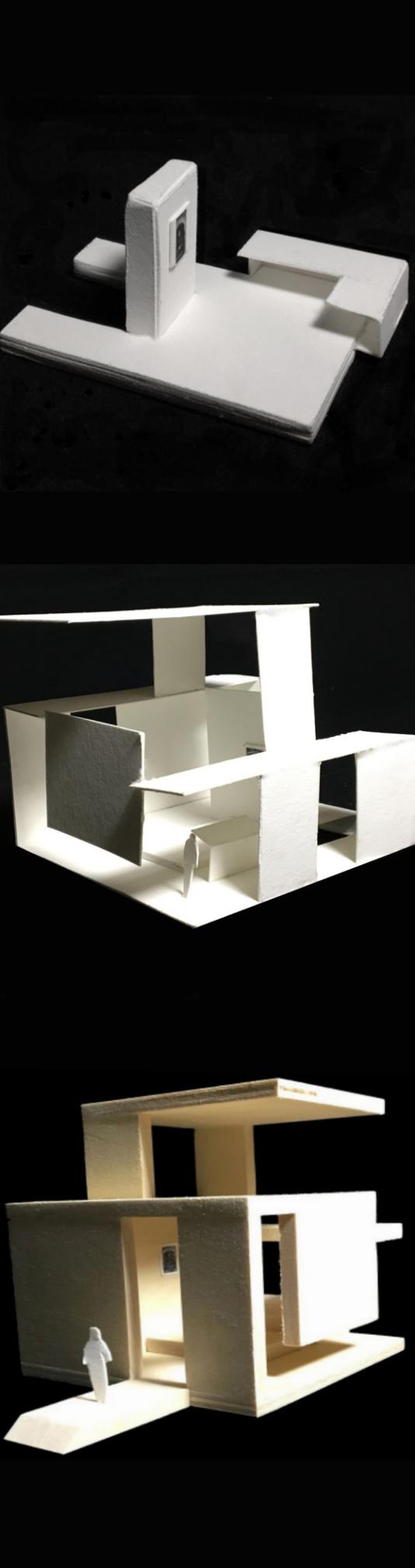


CONFLUENCIA

IN SPANISH CONFLUENCIA IS A MEETING PLACE FOR PEOPLE, WHERE A MERGE OF ENERGIES TAKES PLACE. THIS URBAN GROWTH CENTER LOCATED IN PITTSBURGH'S GARLAND PARKLET CELEBRATES THE BRINGING TOGETHER OF LOCALS AND THE TEACHING OF AGRICULTURAL PRACTICES. THE CONCEPT OF AN OPEN TERRACE WITH THREE PAVILIONS DRIVES THE DESIGN, ESTABLISHING AN INDOOR/OUTDOOR FARMERS MARKET THAT SETS THE MOVEMENT OF VISITORS AND CREATES A PLAZA ENGAGEMENT.

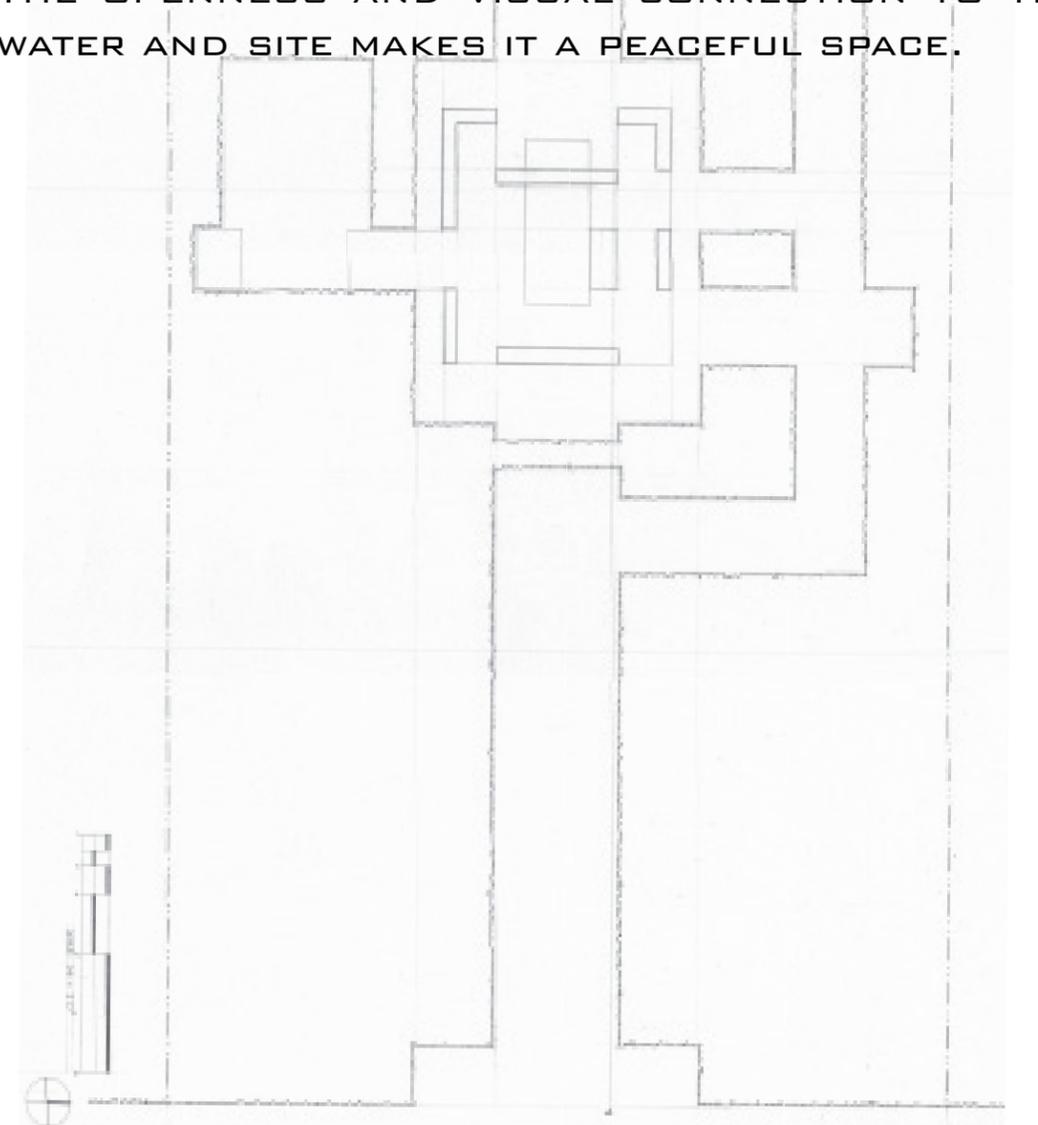




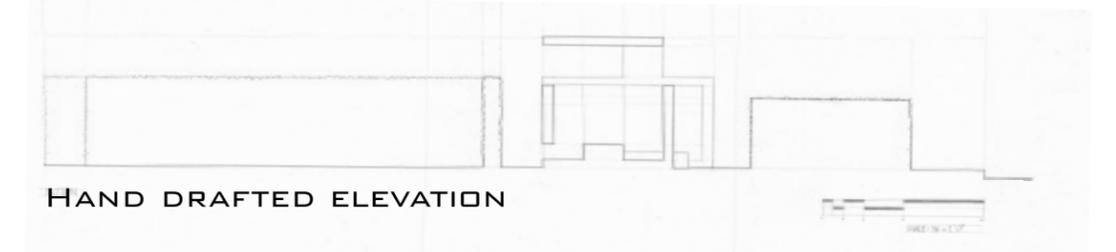


EYRY PAVILION

OVERLOOKING LAKE EYRY AND INSPIRED BY CUBISM, THE SMALL PAVILION INTENDS TO BE A SPACE OF CONTEMPLATION OF A VALUBLE PAINTING. THE OPENNESS AND VISUAL CONNECTION TO THE WATER AND SITE MAKES IT A PEACEFUL SPACE.



HAND DRAFTED PLAN



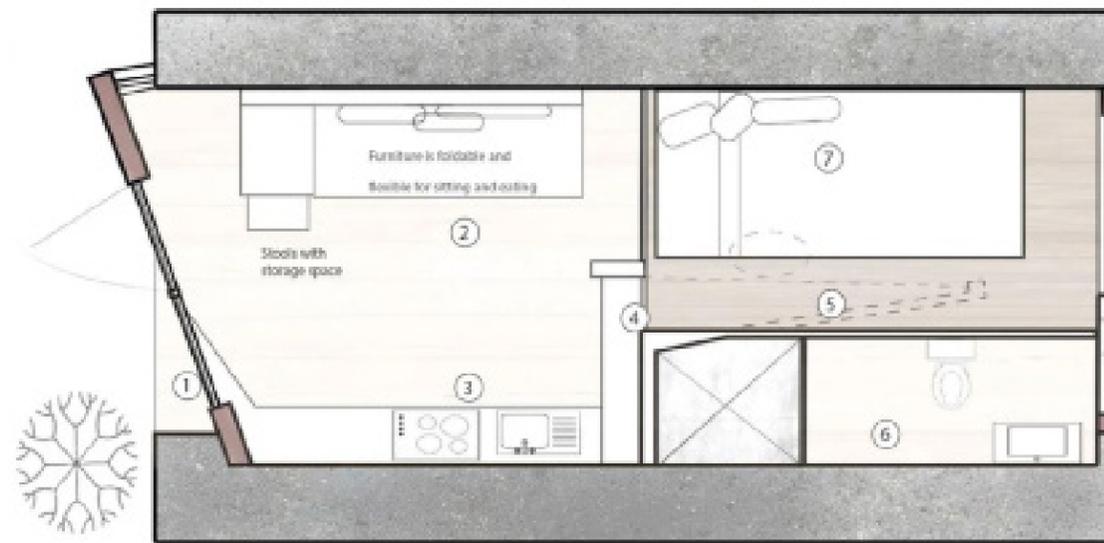
HAND DRAFTED ELEVATION

[SHIFT] TINY PIPE HOME

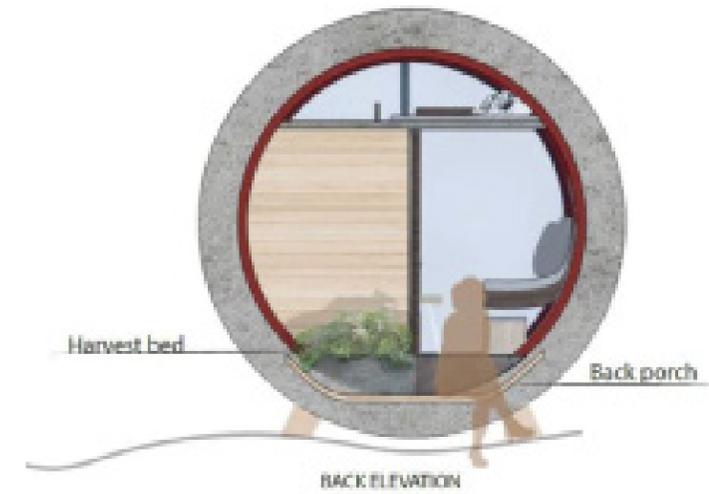
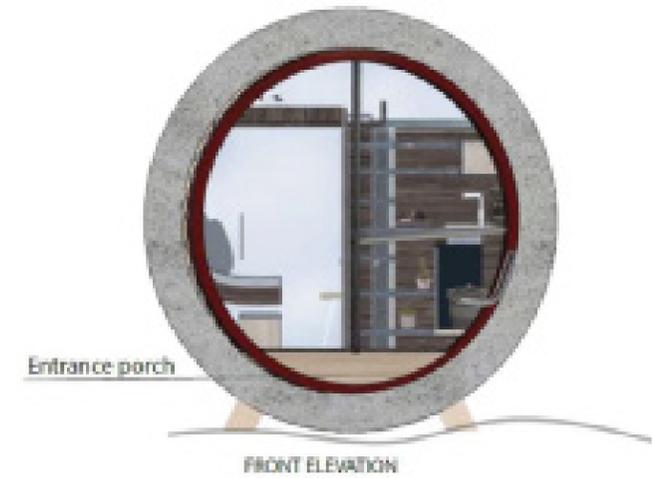
AIAS ARCHITECTURE COMPETITION

BIG HEARTS FIT IN SMALL SPACES... SHIFT AIAS PIPE DREAM HOME USES RECYCLED MATERIALS AND THE SHIFTING/OVERLAPPING OF SPACES TO CREATE A SUSTAINABLE, OPEN & COST EFFECTIVE LIVING. SHIFT AIMS TO PROMOTE COMMUNITY INTERACTIONS AND ENVIRONMENTAL CONSOIUSSNESS WITH THE USE OF FRONT & BACK TERRACES WITY HARVEST AREAS.





- 1. Entry porch with recycl metal bench
- 2. Living room and dinning
- 3. Kitchen
- 4. Shelf for storage and display
- 5. Study area and hall
- 6. Bathroom
- 7. Raised floor for sleeping
- 8. Back porch and harvest bed



Twisting of glass frame to gain space, increase connection with the exterior and allow wind circulation

Furniture: foldable and flexible for sitting and eating. Stools with storage capacity



Shifting of bathroom wall to create wider open hall and flowing circulation

