



tmpisaunga@gmail.com
www.lf2dy.weebly.com
170 Breezehill Ave N
Ottawa, Canada
+1-613-914-4607

Tamara Rudo Mpisaunga

Architecture Portfolio



Hello,

My name is Tamara Rudo Mpisaunga but I simply go by Rudo. Thank you for taking the time to look through my portfolio, a selection of some of my, educational and professional work.

The works illustrated in this document are a reflection of my architectural interests. Having studied and practiced architecture for the past six years, I have a strong foundation within the field of design and I am eager to expose myself to new information and further my architectural education.

My ambition is to build a successful career in community-driven architecture, planning and property development and I have spent the last two years developing a comprehensive understanding of the development and construction process under the mentorship of architects and designers who are driven by the desire to build thriving environments and communities.

Thank you,

Tamara Rudo Mpisaunga

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Beacon House|2017

Ottawa, Ontario. Canada



Beacon House Perspective |

Beacon House|2017

Ottawa, Ontario. Canada

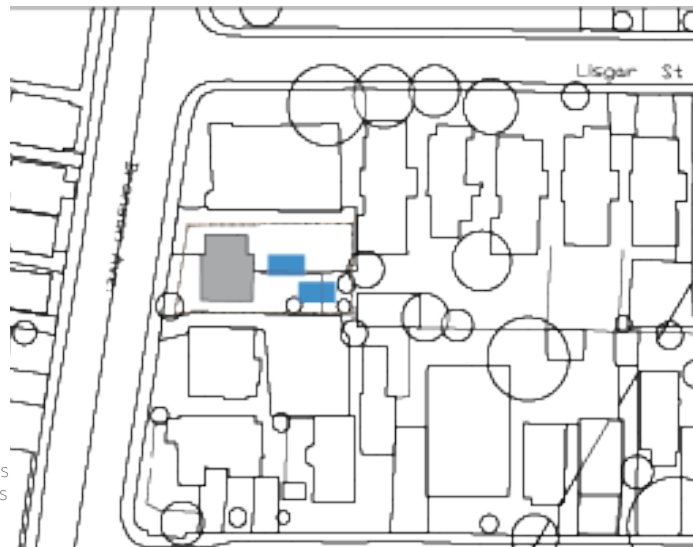
Beacon House is a housing scheme that caters to the increasing demand for affordable housing in the city of Ottawa, specifically transitional housing for women. Transitional housing programs are designed to provide individuals who identify as women, or genderqueer with semi-independent, supportive and affordable housing for up to 1 year.

The McPhail House, operated by Cornerstone Housing for women, is one of Ottawa's oldest transitional homes and offers a supportive housing environment for single women who are homeless or at risk of becoming homeless. The Beacon House project offers the Cornerstone Housing for Women an affordable expansion option to implement throughout the city.

Two homes were designed to implement in the back yard of the McPhail House and would primarily accommodate mothers with children. The micro-homes were constructed from PSBIPs (prefabricated straw bale insulation panels) and clad in a willow wattle rain screen. Over time these affordable dwellings could be dispatched to multiple shelters throughout the city and erected to cater to the increasing demand for stand-alone transitional homes.



Living Room Perspective |



Site Plan |



2nd Level Stairway |

McPhail Memorial Baptist Church

McPhail House



Floor I

- 01. Battery & Boiler Storage
- 02. Living Room
- 03. Washroom
- 04. Kitchen
- 05. Parking
- 06. Outdoor Patio
- 07. Water Harvesting Shed
- 08. Shared Garden



House 2



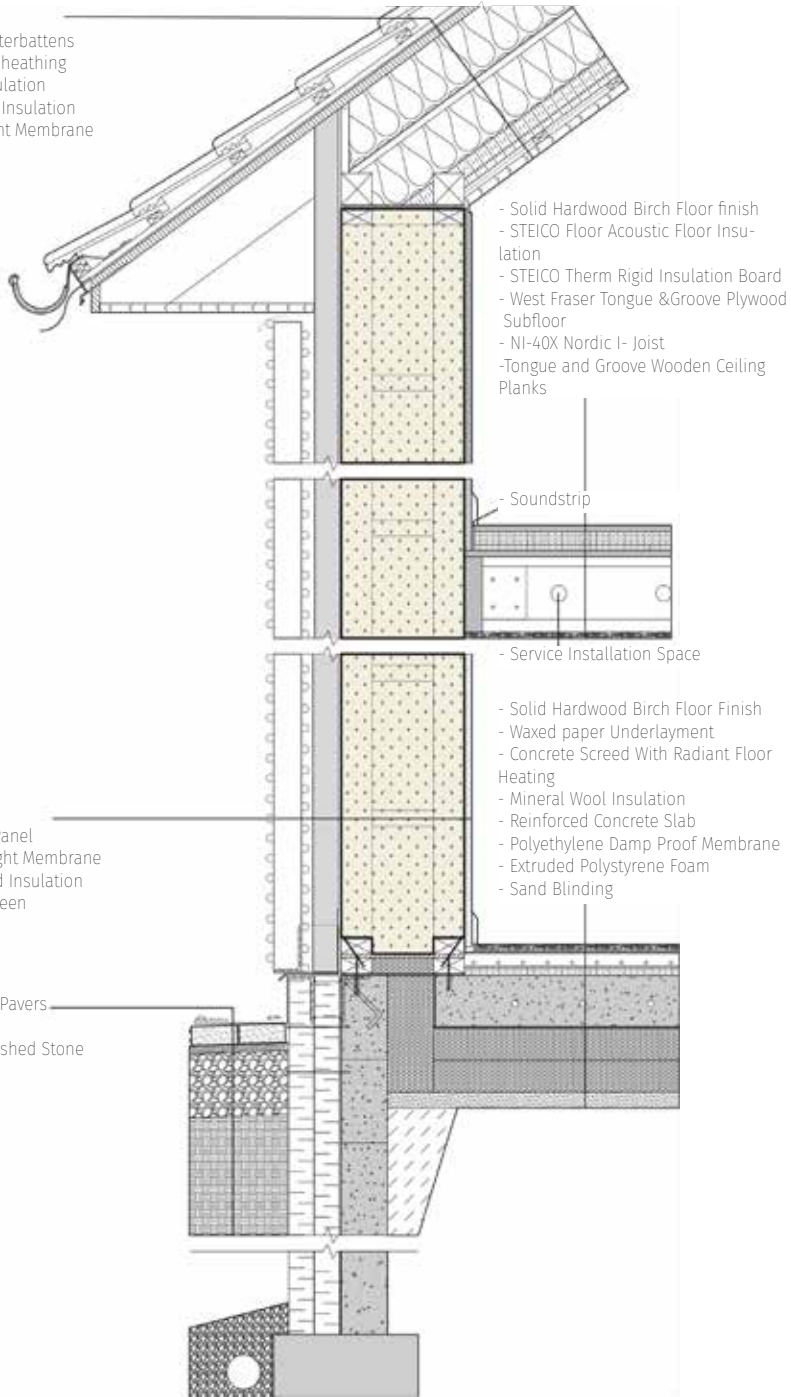
House 2

Floor II

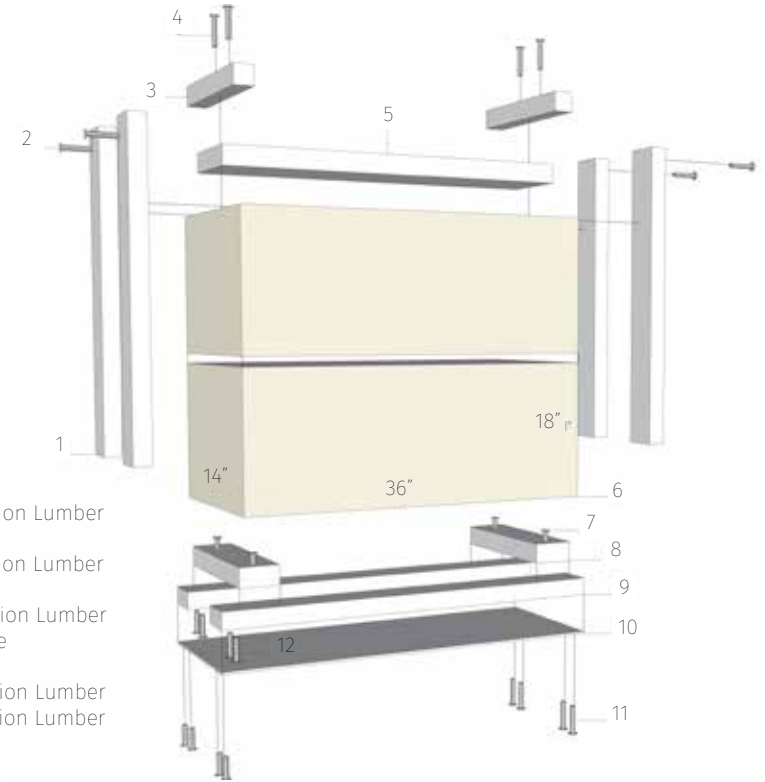
- 01. Bedroom I
- 02. Bedroom II
- 03. Washroom

- Proposed Houses
- Existing Buildings
- Property Line
- Garden
- Path

- Terracotta Roof Tiles
- Roof Battens and Counterbattens
- Tongue & Groove Roof Sheathing
- Rigid Mineral Fibre Insulation
- Rigid Wood Fibreboard Insulation
- Vapor Permeable Airtight Membrane
- Timber Ceiling



Strawbale Insulation Panel Assembly



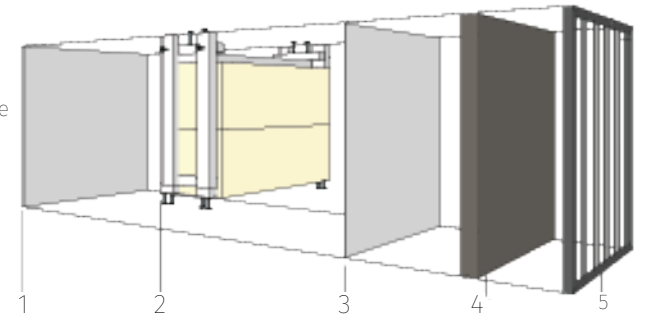
Components:

01. 2 x 4 x 32" SPF Dimension Lumber
02. 3" Deck Screws
03. 2 x 2 x 15" SPF Dimension Lumber
04. 2 1/2" Deck Screws
05. 2 x 8 x 34" SPF Dimension Lumber
06. 14 x 18 x 36" Straw Bale
07. 3" Deck Screws
08. 2 x 4 x 15" SPF Dimension Lumber
09. 2 x 4 x 37" SPF Dimension Lumber
10. 3" Deck Screws
11. 1/2 x 15 x 40" Plywood
12. 1 1/2" Wood screws

Strawbale Insulation Panel Assembly

Components:

01. 3 Layers of Lime Render
02. Straw Bale Insulation Panel
03. Vapor Permeable Airtight Membrane
04. Rigid Wood Fibreboard Insulation
05. Willow Wattle Rain Screen



Ankh Wellness Center|2017

Ottawa, Ontario. Canada



Ankh Wellness Center Perspective I

Ankh Wellness Center|2017

Ottawa, Ontario. Canada

The Ankh Wellness Center is a mixed-use residential complex that houses new immigrant families and those relocating to Ottawa from its surrounding rural areas. The center aims to cultivate the six dimensions of wellness: physical, emotional, spiritual, intellectual, environmental and social wellness. Located along the Major Hill Escarpment, across from Parliament Hill, the complex is a microcosm of Canada and serves as a reminder of the importance of bridging the gap between the new urban and traditional rural Canada.

Equipped with a variety of facilities such as continued learning and vocational training programs, the establishment assists residents with the often challenging transition into Canadian urban life and culture.

Divided into 2 sections, the residential portion contains forty-two residences, a gym, and a daycare center. A winding ramp allows visitors a glimpse into the various programs as they meander down from the forum to the grotto, a rotunda with a drumming performance floor. The administrative offices, performing arts learning center, gallery and performing arts theatre seek to promote intellectual and social wellness; while the public boathouse and bathhouse encourage physical well-being.

The raison d'être is the fragrance distillery and perfumery that employ residents and new immigrants in need of work. The herbs and plants used for the fragrances include Lavender, Amyris, Jasmine, and Lemongrass, and are sourced from the greenhouse on the roof of the center. These plants are used to manufacture novelty perfumes, soaps, and fragrant oils. This rooftop belvedere allows access to beautiful views of both Ottawa and Gatineau; combined with the perfumery they promote environmental, spiritual and occupational wellness.



Residence Hallway |



Bath House Perspective I



- 01. Roof Garden
- 02. Cafe Floor 1
- 03. Boat Dock
- 04. Boat House
- 05. Fragrance Distillery/Perfumery
- 06. Exhibition Gallery
- 07. Forum
- 08. Audio Library
- 09. Learning Spaces
- 10. Ngoma Floor
- 11. Residential Common Area
- 12. Bath House
- 13. Residential Unit

Section 1 |



Office & Administration Space |



Ngoma (Drumming) Floor - Performance Space |

Yokohama Community Center & Boat House | 2016

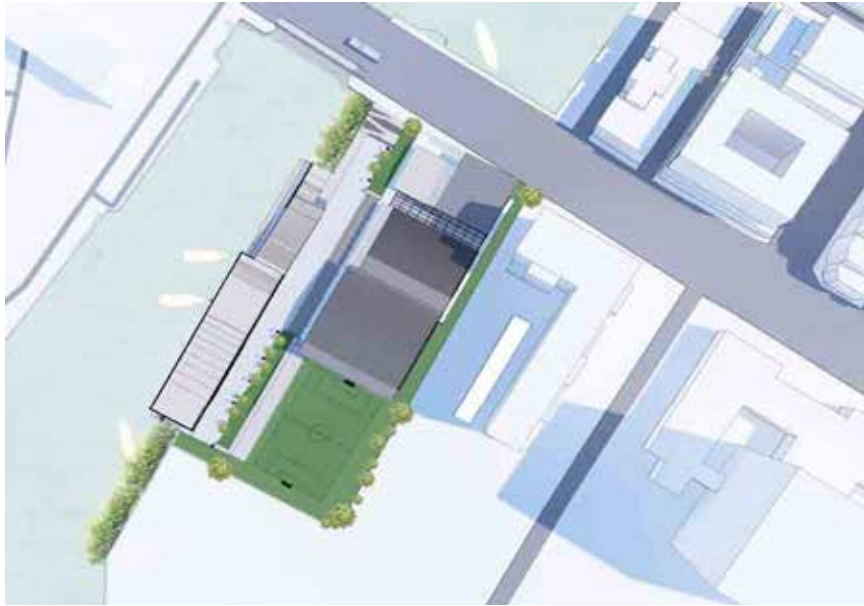
Yokohama, Japan



Boat House Perspective I

Yokohama Community Center & Boat House | 2016

Yokohama, Japan



Site Plan |



Gymnasium Perspective |

This project examined the notion of polarity and the pairing of opposing programs in a single project. Located along the Ooka River the Yokohama Community Center & Boat House combined three programs- a dynamic recreational center, a subdued library, and a community-oriented boat club and boardwalk. Contained within the main building are a public library, a terrarium, classrooms, a gymnasium and a soccer field beside it. Opposite the main building, resting on the river is a boat club with a cafe and a public boardwalk on its roof.

The three programs are divided by 3 water features; a terrarium separates the library from the recreational center and serves as an additional reading space. Two minor water features run parallel to the main building, separating it from the boat club and creating a promenade between the two.

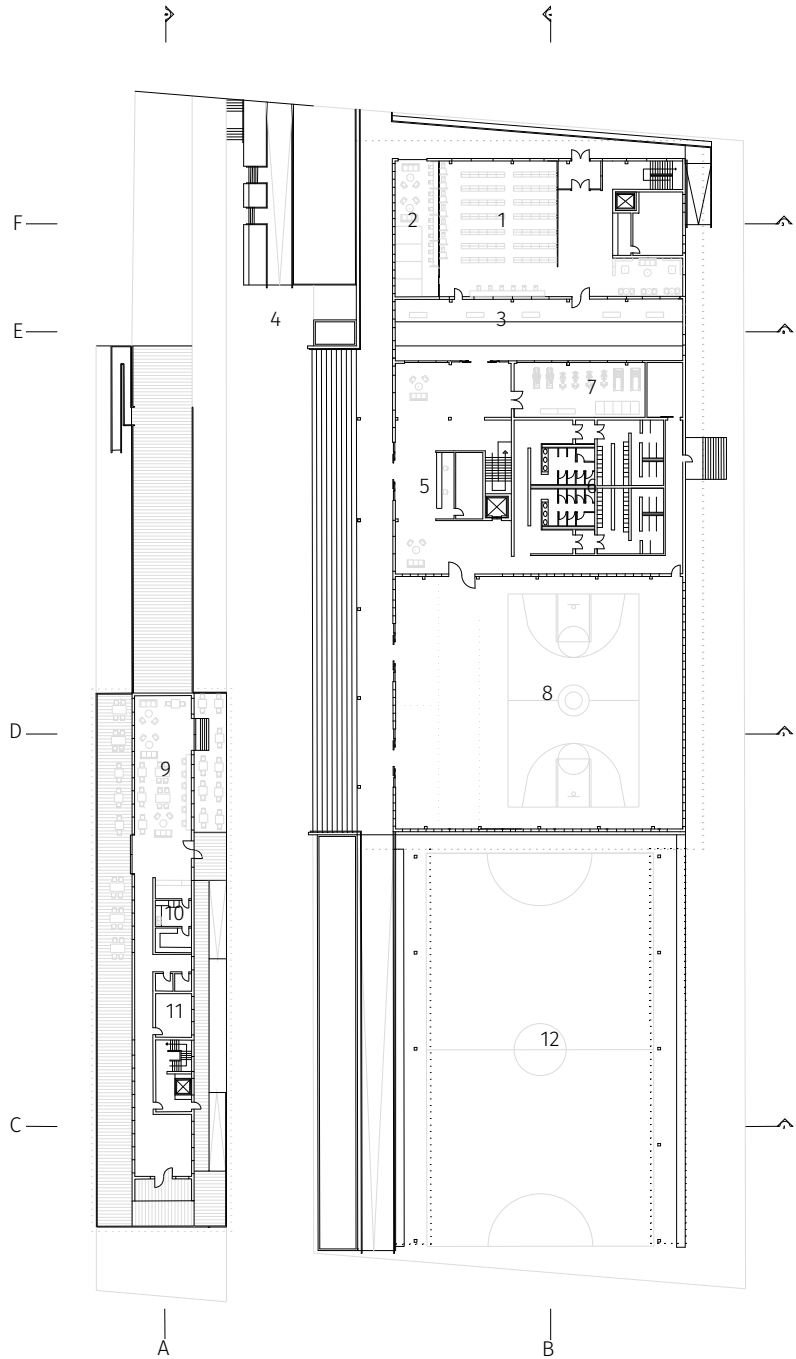
The distinguishing elements between the buildings are the three wave-shaped roofs that represent the progression from the dynamic street (peak) down the terrarium (trough) and back up to a peak as it moves through the recreational center. The boathouse mimics the recreation center in a "big brother-little brother" relationship but levels out to allow for a public observation deck.



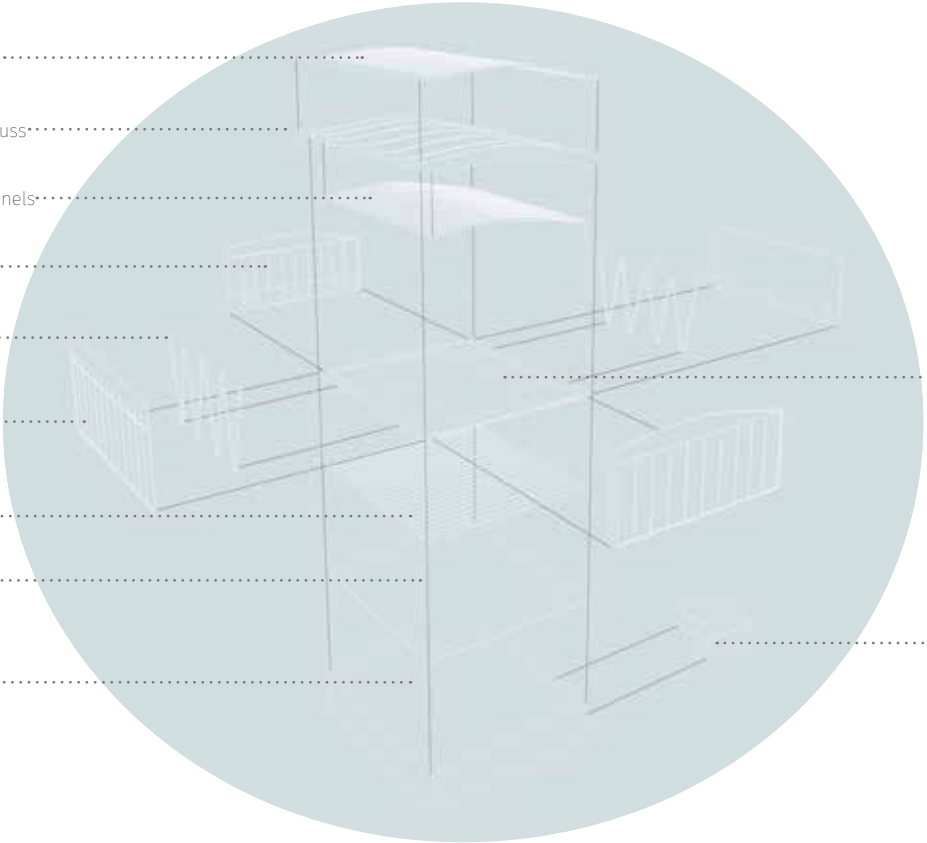
Promenade Perspective |

Ground Floor Plan

Exploded Axonometric Gymnasium Structure



- 1 Reclaimed Roof Tiles
- 2 Salvaged Wood CLT Truss
- 3 Suspended Ceiling Panels
- 4 Glazing Unit 1
- 5 V Columns
- 7 Glazing Unit 2
- 8 Radiant Tube
- 9 Subfloor
- 10 Foundation



- 6 Ecowarm Harwood Floor
- 11 Electrical Room

- 01. Library
- 02. Library Classrooms
- 03. Terrarium
- 04. Promenade
- 05. Recreational Center Reception
- 06. Rec Center Changing Rooms
- 07. Rec Center Cardio Room
- 08. Gymnasium
- 09. Boat House Cafe
- 10. Boat House Kitchen
- 11. Boat House Reception & Offices
- 12. Soccer Field



Terrarium Perspective |

Asian Kitchen | 2019

Kacyiru, Kigali. Rwanda

Year: In construction

Client: Life Style Rwanda Ltd

Size: 250sqm

Cost: Private

Asian Kitchen is a fine dining restaurant that serves a fusion of Japanese and Indonesian cuisines. This project had many constraints, and we had to be innovative in our interventions. Some of these challenges included creating a space that was reflective of both cultures within the context of Rwanda and through the use of locally sourced materials. As the property was a rental we had to propose an option that would be easy to dismantle and replicate elsewhere.



Restaurant Perspective 1 |



Restaurant Perspective 2 |

Busogo School Phase 2 | 2019

Busogo, Musanze. Rwanda

Year: In construction

Client: SVMMC - KARIT Solidarios

Size: 2200sqm

Cost: 300\$/sqm

Busogo School Phase 2 is the continuation of a primary school. In Phase 2 we oversaw the construction of a canteen & multipurpose hall and their related services (kitchen, storage, toilets). The design concept was heavily influenced by the geometry and restrictive characteristics of the site and the position of each block had to respond to its complex topography, which has a height difference of eight meters from the lowest to the highest point.



Busogo School |



Reed Ceiling Detail |



Primary Educational Block |

Iwacu Academy Furniture | 2019

Vision City, Kigali. Rwanda

Year: 2018 - December 2019

Client: Iwacu Academy

Size: 2800 sqm

Cost: Private

The Iwacu Academy is a Montessori school centered on learning through experimentation and play. Every material in a Montessori classroom supports an aspect of child development to create a match between the child's natural interests and the activities in the class. The furniture in the classrooms needed to be reflective of this, they had to be multi-purpose and easy to move to open up space in the classroom. This resulted in the development of a chair that can be used as a chair, desk, and a toy.



Image 1 |



Image 2 |



Image 3 |



Image 4 |



Playground |



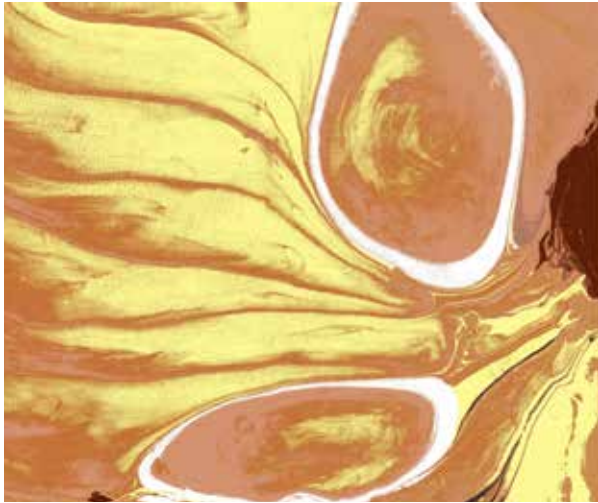
Nursery Learning Space |



Hall |

Personal Work | 2019

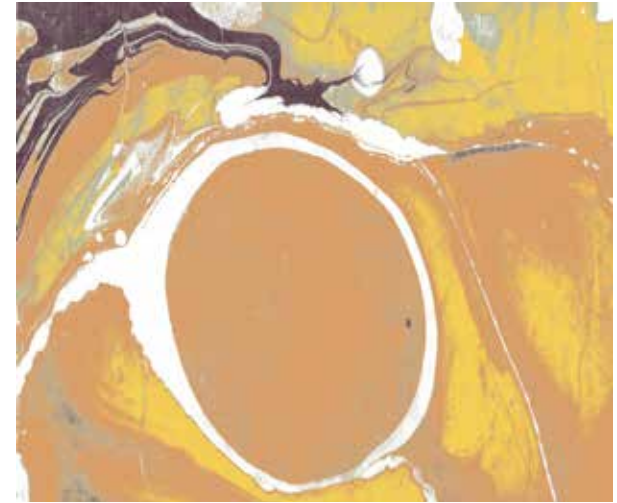
Textile Print Making



1



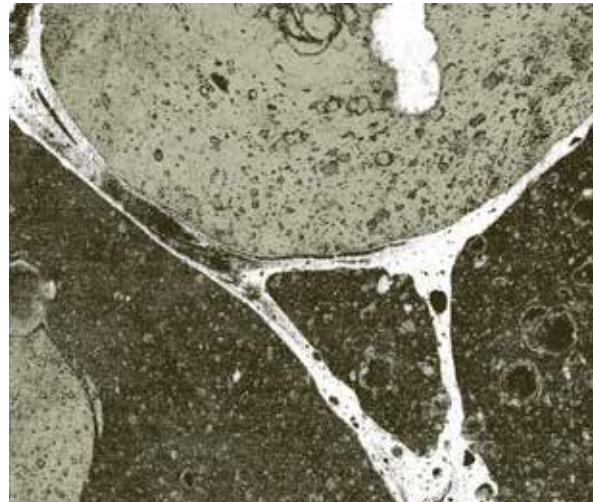
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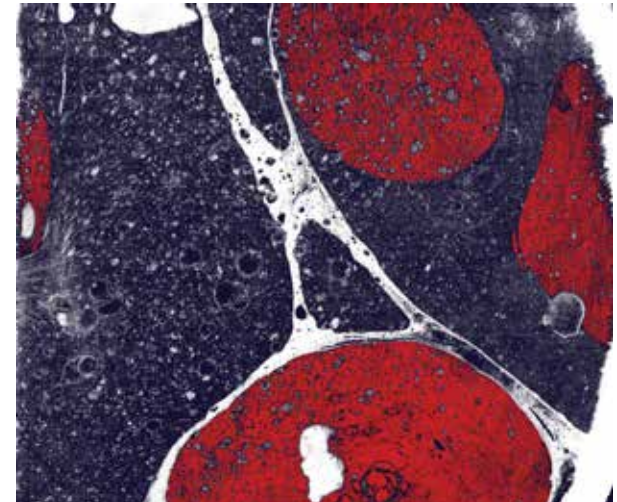
3



4



5



6

These are scans of textiles I have created through the use of marbling. I have an interest in textiles and textile print making and hope to eventually produce my own upholstery fabric prints that I'll use on my reupholstered furniture.

01. Child you(r)

02. Child you(r) not

03. Gafa

04. Toi Toi

05. Magamba

06. Cosmos
