



Masters_final_FINAL
2020



HEARTH_GRADUATE_EXHIBITION

GRADUATES_OF_2020

HEARTH

GRADUATE EXHIBITION

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GRADUATE EXHIBITION

UQ SCHOOL OF ARCHITECTURE

-

MASTER OF ARCHITECTURE

**GRADUATES OF
2020**



**THE UNIVERSITY
OF QUEENSLAND**
AUSTRALIA



Welcome to HEARTH, the School of Architecture's 2020 exhibition.

This student-championed showcase of graduate achievement celebrates significant milestones in a life in architecture.

The past year has been challenging in many ways and as the academic year draws to a close it is timely for us to reflect on the way recent events and developments are shaping architecture. The work in this engaging exhibition and the enduring Master of Architecture graduate yearbook remind us that our socially and intellectually nourishing community of practice is distinguished by its resilience and capacity for innovation. The synthesis of architectural ideas and research-informed responses to the difficult, and increasingly urgent, issues that are shaping our world will certainly distinguish the architects of our global future. This moment of celebration anticipates the contribution of UQ graduates to the trajectory of the discipline and practice of architecture.

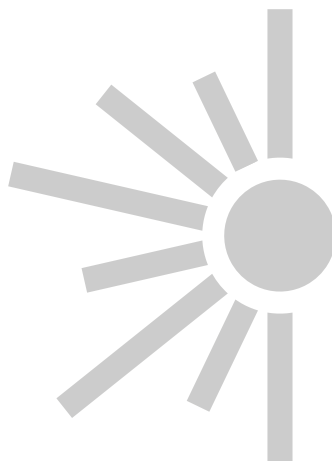
For Master of Architecture graduates this book formalises the next stage of their careers and the pathway to professional practice. Our heartfelt congratulations to the 2020 Master of Architecture and Bachelor of Architecture cohorts.

Professor Cameron Bruhn
Dean and Head of School
School of Architecture

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On behalf of the UQ School of Architecture, we would like to acknowledge the traditional custodians of Brisbane/Meanjin, the Turrbal and Jagera people and their ongoing unique relationship to ancestral country. We would like to pay our respects to elders past, present and emerging-whose land on which we have had the privilege of conducting our studies.

Over our many years of architectural education, we have finally reached the end of our university chapter and without a doubt our final year of 2020 has been a unique and unforgettable finale! From online learning in Semester One, to flexible and external learning in Semester Two due to the COVID-19 pandemic, our cohort has shown strength in our ability to adapt to a changing world and has remained united through our studies here at UQ despite regional and international dispersal.

This year's theme HEARTH reflects upon the distributed nature of this unique year. The exhibition reaches out to places where students and the public congregate, interact and engage to create a contextual network that bridges from the anchor and HEARTH of our community, The UQ School of Architecture. Much like our experiences and time here at UQ this network has reached a pinnacle at the HEARTH Graduate Exhibition.

This relationship is not only representative of our connection to the HEARTH over our years of study, but equally represents the numerous opportunities that await us as we embark from the UQ School of Architecture for the last time.

Congratulations graduating class of 2020 ... WE DID IT!

The Exhibition Curatorial Team.

THANK YOU

To the many Lecturers, Tutors, Assistants and staff who have set us on our paths to becoming Architects, thank you.

To BRUCE, thank you for organising all the events, talks, BBQ's, beers, and unexpected pizza lunches.

To the exhibition organisers and team, thank you for all the time and energy you have invested in 'Hearth'.

And,

To our families, friends and co-workers, the biggest thank you, for the abundance of support, patience, study snacks, and proof-reading - we could not have done it without you.

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I am passionate about creating meaningful architecture through the synthesis of planning, design, and construction. I believe architecture has a tremendous opportunity to inform the built environment and world around us at a variety of scales, and this can be done effectively through careful consideration and collaboration.

Project to right, Title: The Precinct

Description: 'The Precinct' is an adaptive reuse of the Valley Metro Carpark. The project is a response to a potentially not so distant future, where Brisbane's inner city has been gentrified and overrun by profit driven high rise developments. The project aims to re-establish the Valley's rich urban culture and amenity, and celebrate what brought people there in the first place. Agricultural production is re-introduced into the city centre, providing the Valley's growing community with fresh, local, and affordable produce. In addition, the Valley's once bustling entertainment precincts are reborn through a series of bars, restaurants, and entertainment venues.

Images from Top

1. View of southern street frontage
2. View of 'The Precinct'
3. View from within live entertainment venue

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3.



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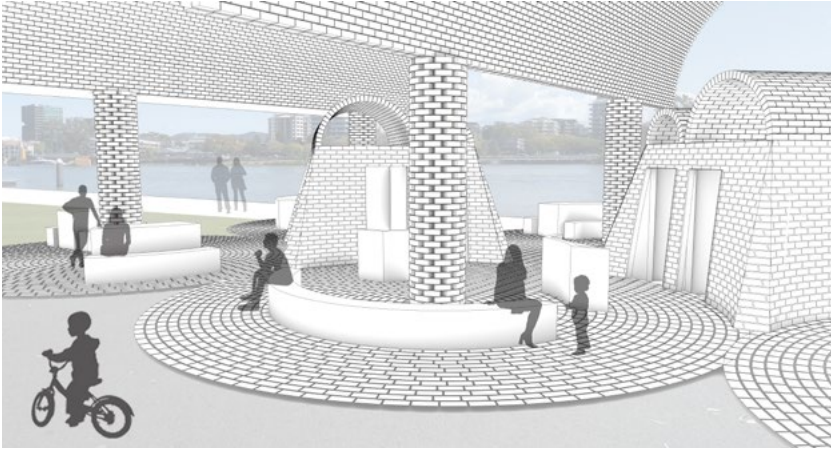
I first knew I wanted to be an architect after completing work experience at a firm in high school in 2011. I began my first step towards this goal in 2014, when I enrolled in my bachelors at UQ, after which I completed a year out in 2018 and began my Masters in 2019. My favourite studios have always been those that have promoted physical model making and testing of abstract forms such as Material Experiments, Design Processes and Materials and Making, which have allowed me to design at 1:1 scales in brick, bamboo and timber.

On the right is my project for Material Experiments titled 'Round', which utilized rectangular bricks to create circular geometries, together forming an adaptable, open air pavilion for the West End Riverside. The project was scripted entirely inside Grasshopper, down to the location and orientation of each individual brick, and has led to my strong interest in computational and parametric design.

Images from Top

1. Interior Perspective
2. Long Section
3. Cross Section
4. Form Isometric
5. Physical 1:1 Model

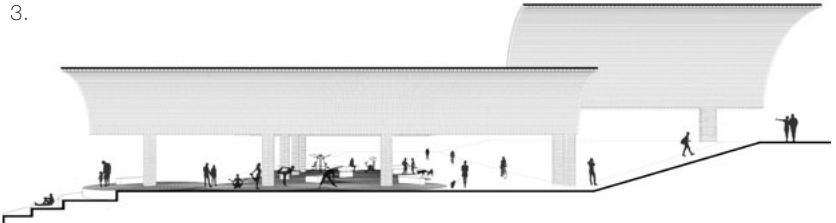
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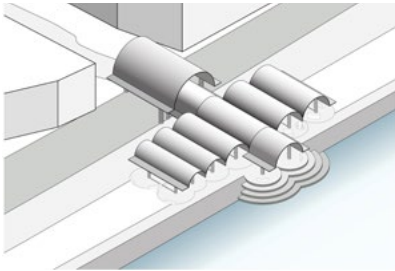
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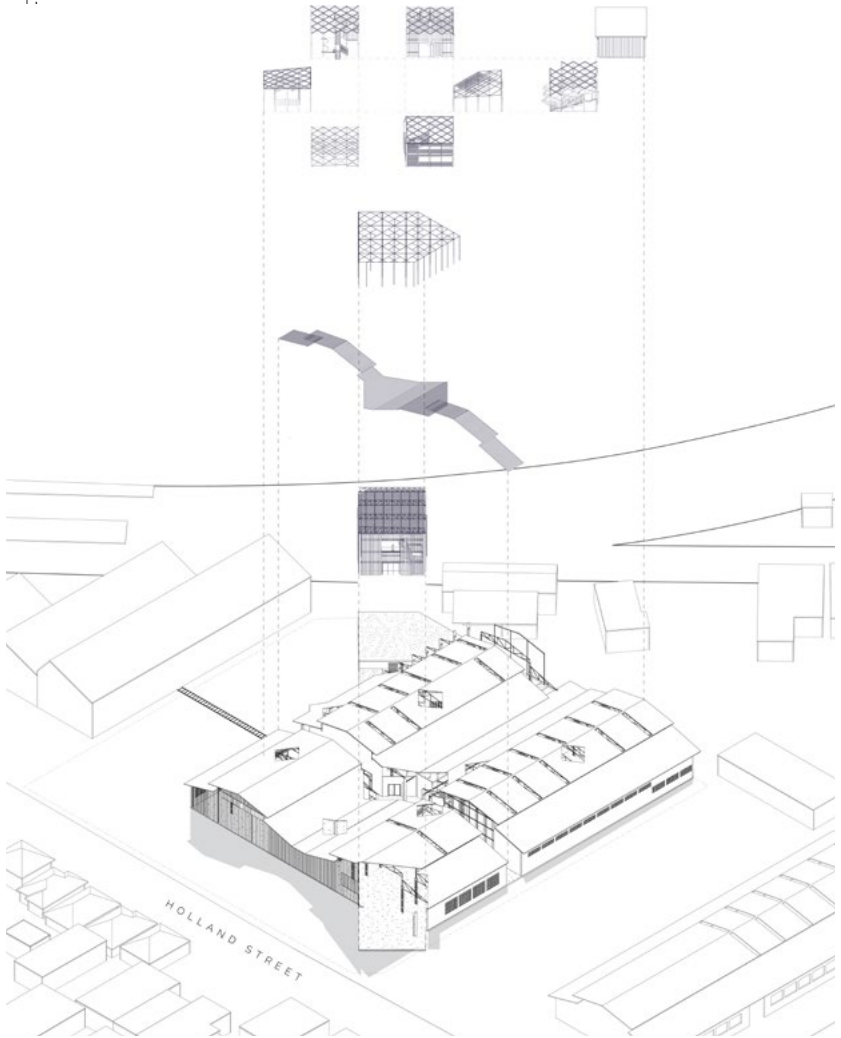
I commenced my Masters of Architecture in 2019, having graduated from my Bachelors of Architecture at UQ in 2017. Throughout the masters program, I undertook a variety of design studios including Dwelling and Density, Adaptive Capacities, and Architecture and Commerce. These studios were greatly enjoyable and intriguing, offering great opportunities to explore a range of architectural concepts and ideas.

The project displayed on the adjacent page was completed as part of the Adaptive Capacities studio, exploring the adaptive reuse of two existing sheds in Northgate. Driven by a large scale urban study, the project explored the insertion of a series of nodes within the sheds, and how they interacted with the preserved existing elements, including the industrial structural elements, and the rail line that runs through from the Northgate Junction station. The nodes provide new function, aiming to transform the sheds into a productive, community precinct, featuring a micro-brewery, coffee roastery, library and community garden.

Images from Top

1. Axonometric Diagram | Adaptive Capacities, 2020
2. Building Front Facade Elevation | Adaptive Capacities, 2020
3. Sectional Perspective | Adaptive Capacities, 2020

1.



2.



3.



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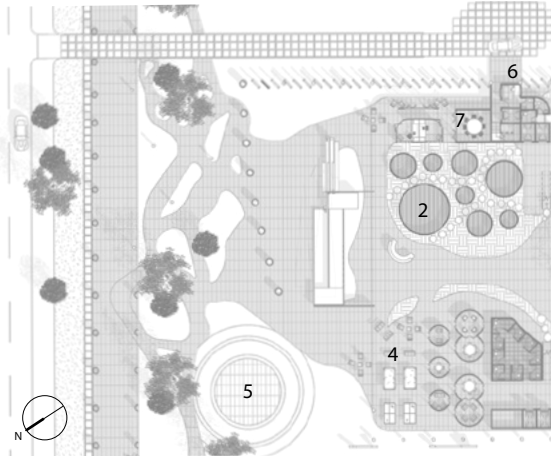
ig: [bmharchi](#)

I grew up in Christchurch, NZ, and after traveling for a year after high school, I decided to jump across the ditch to study my Bachelor of Architectural Studies at Bond University on the Gold Coast. After an intense 2 years, I graduated from Bond at the end of 2018 and a couple of months later I committed to the commute to Brisbane to do my Masters at UQ.

The Cairns Community (P)Re-cinct is a community and restorative justice centre located in the existing "justice precinct", where government, policing, and justice institutions interact in Cairns. With the aim of eliminating crime and injustice derived from the systematic discrimination within the existing precinct, the (P) Re-Cinct focuses on equality in justice, community well-being, and overall crime prevention. The (P)Re-Cinct juxtaposes the existing systems and structures, and instead provides restorative spaces, assisting the re-organisation of the justice system and the re-connecting of the Cairns community. The structure of the existing privatised monolithic courthouse is utilised as a frame, which contrastingly opens up the space with a porous climatically responsive skin attached, and the space is re-formed through a series of smaller buildings with functions that challenge typically private and segregated areas.

Images from Top

- 1.External atmospheric of facade, entry and amphitheatre.
- 2.Porous facade elements alongside original concrete structure.
- 3.Ground floor plan
4. Reconciliation pods (Court alternative)
- 5.Wellness hub section
6. Entry, reading steps/circulation



Facilities on ground level encourage community connection through various functions that are not related to the restorative justice element of the (Pre-)court. The open floor plan encourages general public to come and connect within this space, with restorative justice functions on the upper floors.

1. Fitness Centre
2. Wellbeing Hubs
3. Communal Kitchen & Dining
4. Gathering Spaces
5. Amphitheatre
6. Offender Hold & Private Lift
7. Community Justice Administration



CASSANDRA LIDDELL



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Hello!

When I first started Architecture didn't know what a journey it would be. As a first year student at UQ in 2014 I thought I would finish a year and see if it was a good fit for me. Here I am 6 years later and couldn't image doing anything else. Through undertaking my Masters at UQ, I have discovered a genuine love for architecture. I have been blessed by the love and support of my parents and my family at MODE Design who helped me through the last two years. I don't think I would have made it through without you.

The project I have decided to share was undertaken in a studio run by Ashley Paine, Ideologies and Institutions. This was a particularly challenging project as we were required to re-brand the National Australian Maritime Museum, while taking into consideration the existing Cox Rayner building, its context and history. This was a fantastic experience as we travelled to Sydney to see the museum and were lucky enough to visit the Cox Office.

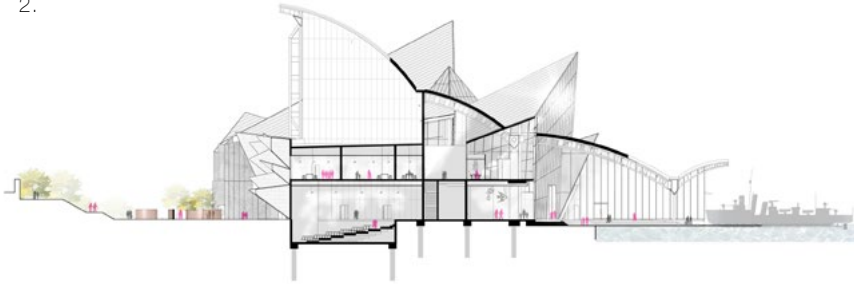
Images from Top

1. Main Night Image in as part of Sydney's "Vivid"
2. Section
3. Axonometric

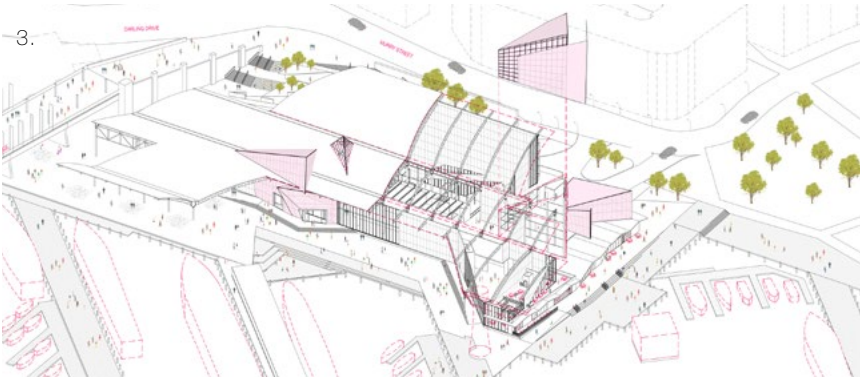
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DANIEL AVILA



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I started my architecture studies in 2014 at the University of Tarumanagara, Jakarta and completed it in 2018. After a brief 6 months internship, I started my Master of Architecture studies in 2019 at UQ. Throughout my studies, I've always been interested in architecture's ability to make an impact to its surrounding and its users whether its big or small, as well as good or bad.

On the right is the project completed for the Masterclass studio titled "The New Citadels: Enclosed Paradise of Toowong", exploring the future possibilities of Brisbane's suburbs after a fictional catastrophe known as "The Event".

In the event of social disintegration, some suburbs are abandoned in favour of citadels. The citadels are walled cities, rich worlds unto themselves, and harbour captured landscape within. The former suburbs decay over time, forming a crumbling museum of what was. Occasionally the citadel occupants venture out, and assisted by light sculptures, mark by way of ceremonies the passing of a former pattern of life.

Images from Top

1. Exterior render
2. Interior render
3. Interior render
4. Monuments render







ELIZABETH ROBBINS



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A year after completing my Bach degree, I commenced my masters program here at UQ in early 2019. It is impossible to summarise what I have learned over the years into a single sentence, though I am endlessly grateful to the dedicated academic staff and friends who've made this experience so enriching and special.

The following project is one I completed as part of the Masterclass studio, run by Peter Besley. I enjoyed this studio immensely, it was challenging and unlike anything I had experienced before. We were tasked with constructing a narrative that detailed the occurrence and fall-out of a disastrous event. My project depicts the aftermath of a chemical explosion which results in the abandonment, isolation and progressive decay of four inner city blocks. Years hence, a unique urban system forms, elevated above the ground floor and protected from the air toxicity, re-integrating buildings once annexed or abandoned back into the urban fabric of the city. After twenty years, air toxicity dissipates and the ground floor is reclaimed as a public domain, revealing an underworld that had flourished in the years of abandonment, reminiscent of history and ruin.

Images from Top

1. Elevated "wasp nest" structures
2. Site model
3. Aerial photo montage of 2050 scheme
4. Series of collages depicting ground floor conditions

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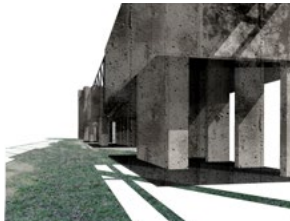
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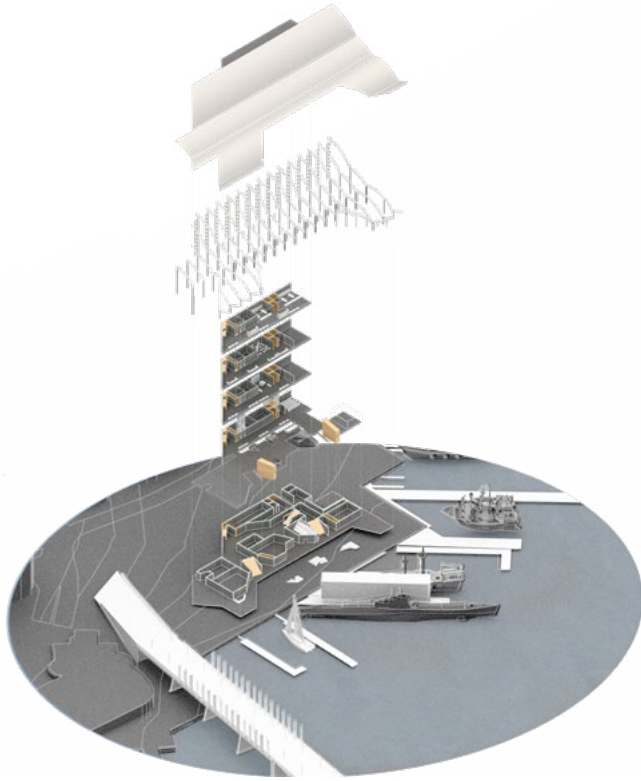
I started my studies in 2014 at the University of Stuttgart in Germany. After completing my Bachelor degree there in Architecture and Urban Planning I moved to Brisbane in 2019 where I started my Master at UQ. Throughout my four semesters I undertook different studios: Generative Structures, Institutions and Ideology, Dwelling and Density and Urban Infrastructures. I really enjoyed the design projects that allowed me to explore and learn a range of different scales and building typologies.

The project displayed in the following page was part of the Institution and Ideology course. The aim was to redesign the Australian National Maritime Museum in Sydney. We had the great opportunity to fly to Sydney to visit the site and talked to Cox Architects who were involved in the design of the original Museum. The new proposed narrative focuses on emphasizing the unique historic boat collection by creating a “floating” exhibition underneath a great sail roof.

Images from Top

- 1.Exploded axonometric
- 2.Section
- 3.Render entrance
- 4.Render exhibition space

1.



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4.



JAS STANCOMBE



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Hi, I'm Jas Stancombe.

Whilst studying my Master of Architecture degree part-time I also worked in an architectural office and was the 2020 representative for the University of Queensland architecture student magazine, [Barbara \(barbara.org.au\)](http://Barbara(barbara.org.au)). I am passionate about public spaces, environmentalism and architectural writing.

Common | Place was a co-housing design project designed in Hamilton Northshore, undertaken for the Dwelling and Density course during the Summer Semester 2019 - 2020. This project showcases the importance of community, providing a number of areas for both intentional and incidental interaction. As a co-housing project, the overarching concept for the project was an extension of the home. This offered residents additional spaces that are expected in traditional housing but not apartment living, such as a workshop and community garden. Dual key units allow for flexibility as older residents age-in-place or as family dynamics change. This project aimed to bring residents together in a flexible and supportive environment, enabling future changes and self-expression.

Images from Top

1. External view from the street
2. Hallway perspective
3. Section
4. Internal courtyard perspective



JEFFREY ZHENG



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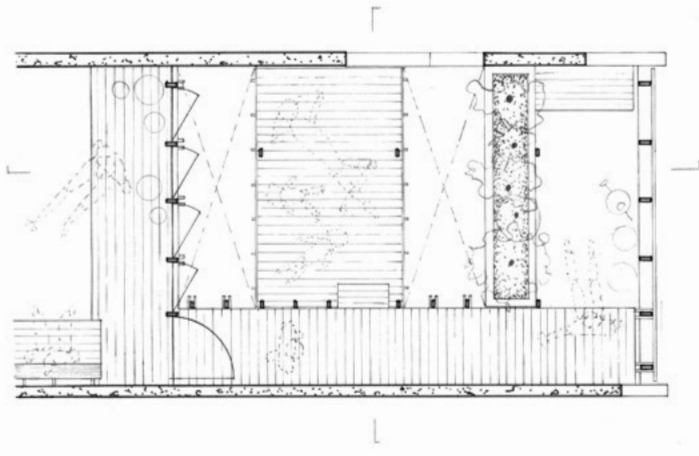
I first studied architecture at UQ, graduating from my bachelor degree in 2017. Learning about architecture has led me to embark on journeys in Australia and abroad, from Singapore to Japan. The experiences over the years have been invaluable and includes studios which have introduced us students to ideas about utopian cities, alternative housing and how to recycle buildings.

The project shown is a scheme for an alternative medium-density housing project in inner-city Brisbane, undertaken during my penultimate semester in 2020. The process of formulating ideas began at an urban scale with investigations into the potential impacts of massing and density on a suburban plot and its context. Further studies were undertaken in exploring spatial and tectonic repertoires in response to ritualistic inhabitation of dwellings. The scheme as presented incorporated these responses into housing which offered density without sacrificing identity; dwellings are connected to the street through a clear address and a choreographed sequence of thresholds.

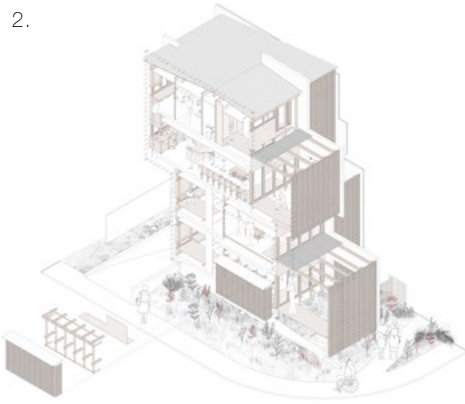
Images from Top

1. Ritual study of an outdoor living room.
2. Isometric section of corner apartments.
3. Isometric section of typical main entry stairwell and sequence.
4. View of typical front yard and entrance to apartment clusters.

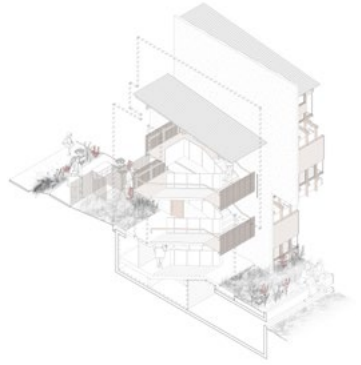
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JIMYEONG PARK



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After graduating Bachelor of Architecture in 2011, I worked as an architectural designer for 6 years. And I commenced my master degree at UQ in 2019. Throughout the program, I have been able to explore my interests in Urban Infrastructure, Responsive Environment, and Generative Structure. And I was awarded the Challenge Winner at the 2019 Urban Design Challenge "Water and Energy Systems Integration".

This project shown on the right was produced for the Dwelling and Density design studio, and was named as a great "Missing-middle" student concept by Queensland Government Architect in 2020. This project is to explore density and diversity across sites at Ipswich. My investigations highlight opportunities to develop innovative low-medium density housing solutions that contribute to the urban fabric of the cities while enriching the lives of those who live within them. I utilised the principles of Q-Design to develop proposals that responded to the local climate, context and end-users.

Images from Top

1. Building Facade at Night (Ipswich Social Housing, 2020)
2. Ground Floor Plan and Section [Brisbane St. - Limestone St.]
3. Sectional Perspective - Communal outdoor space

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JONATHAN BUTTSWORTH



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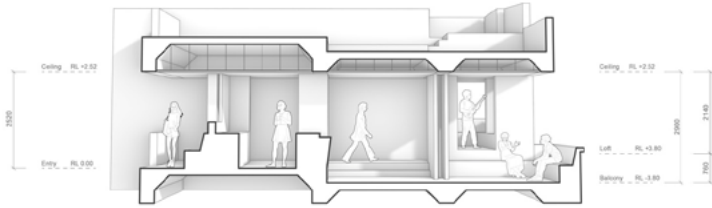
I am a graduating Master of Architecture student from the University of Queensland. My studies commenced back in 2015 through the undertaking of a Bachelor of Architectural Design. Over the course of completing my undergraduate and postgraduate degrees, I undertook a semester abroad at UC Berkeley's renowned College of Environmental Design and have worked part-time in several architectural practices. Throughout my professional and educational experience, I have accumulated a strong passion for design and detail, and am an extremely passionate model maker.

The images I have chosen to share are taken from my final design studio project for Dwelling and Density which called for a new housing development in the inner-city Brisbane suburb of Windsor. The building form was created through stepping and shifting the iteratively developed dwelling modules which was intended to create a permeable structure that optimised physical and visual connections to the adjacent parklands.

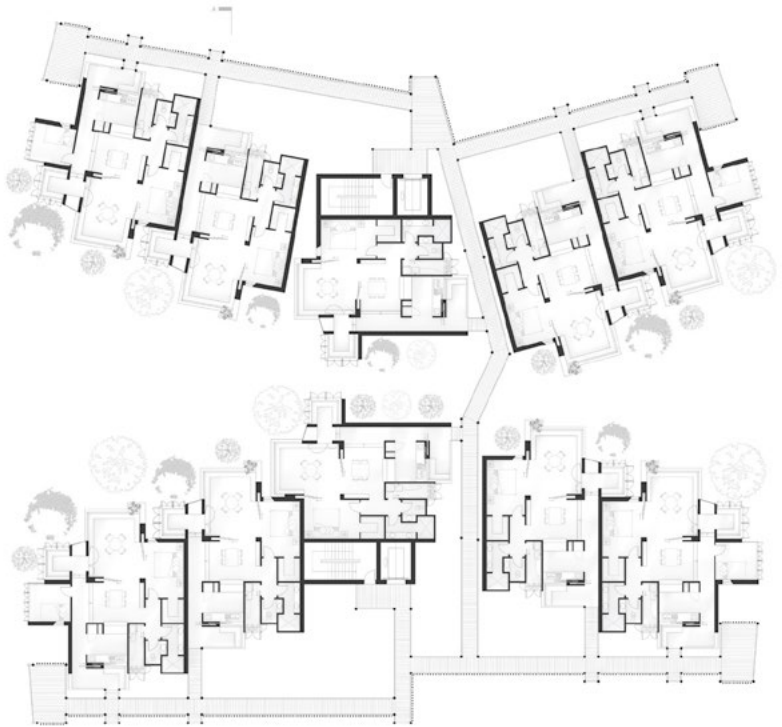
Images from Top

1. Section of typical dwelling
2. Level 1 plan
3. Photo of section model
4. Photo of site model

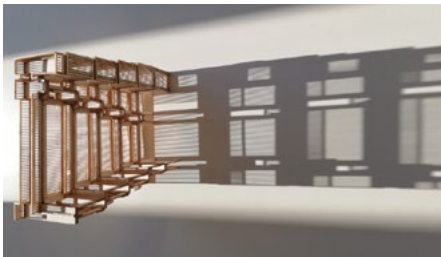
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JOSEPH MAYLE



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Looking back over the last two years, I've realised what I've been able to achieve. And despite some mild suffering, a love for architecture and creating spaces that have a little *wonder* to them. Some highlights include spending \$915.20 dollars on coffee, mastering the computer labs' air conditioning, never owning a gaming laptop and doing 4 design studios in 1 year.In all seriousness, a big thank you to friends and family for your help.

The following project is from a commerce studio that looked at how ideas surrounding the future of retail and the circular economy can manifest themselves into an existing carpark. The idea looked at re-framing what a retail precinct could be, bringing plastic recycling and exhibition to the forefront by creating a Museum of Modern Waste. A centre that focuses on showcasing products that are fit for a more sustainable form of commerce.

Images from Top

- 1.View of central atrium
- 2.Collage showing how exhibition space and art collide
- 3.Sectional perspective
- 4.Gallery collage showing recycled products & installations

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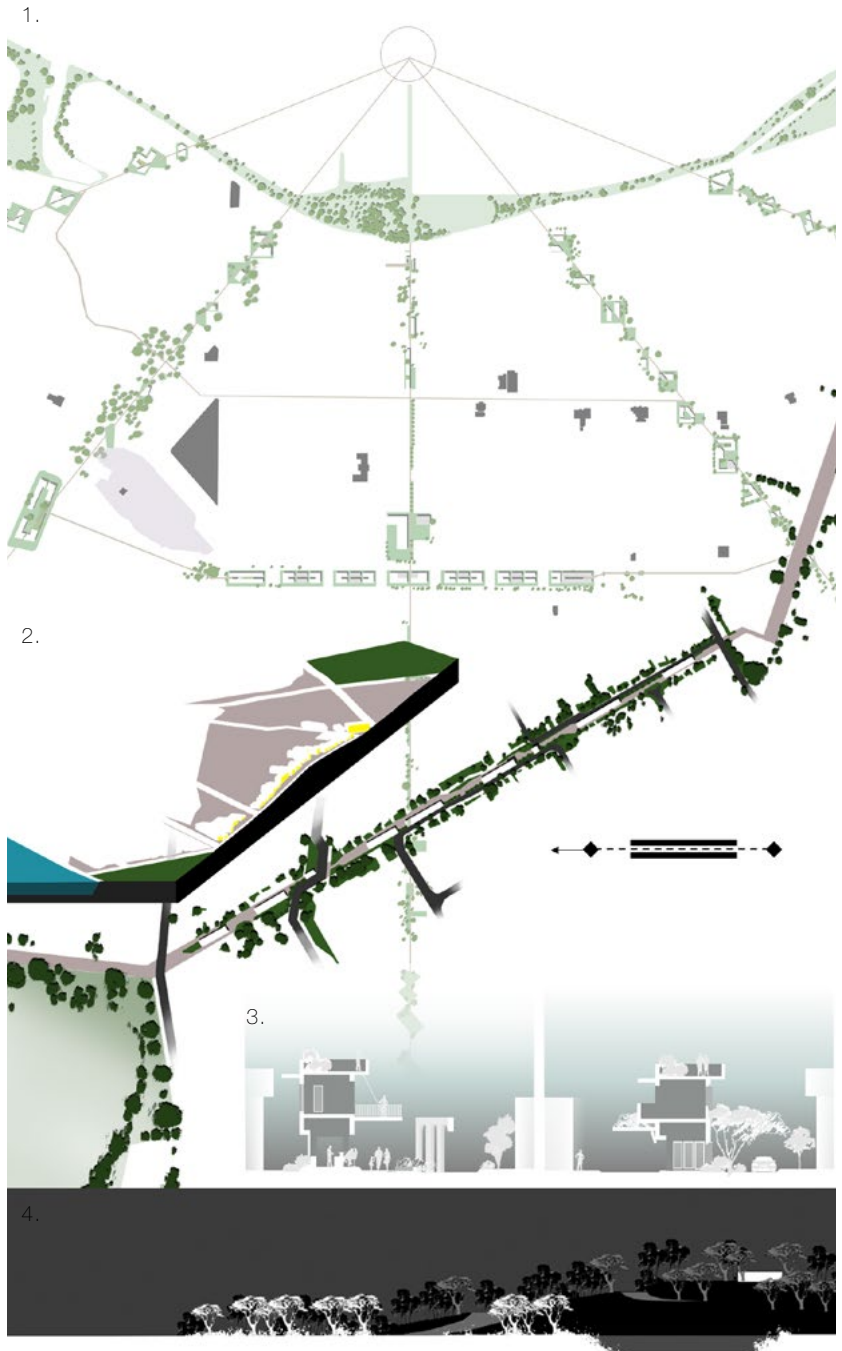
ig: [k04l4h](#)

I graduated with bachelor's degree in Architecture from the University of Kent, UK, in 2015 and started an architecture firm in Brunei, ADN - A. K. Studio. This is when I further enhanced my interests, skills and understanding of the industry. In 2019, I decided to continue my Masters in Australia to expand my grasp and views on Architecture, hoping to come back bringing fruitful knowledge and long-lasting friends.

The architecture here is characterised largely by the international style, embracing the multicultural identity and sustainable design. In UQ, I decided to pursue courses and researches touching on the topic of culture and sustainability. On my final semester, I have selected Urban Design to broaden the scale of my designing abilities. The studio focuses on 4 different sites in Brisbane, looking into evolution in 2025 and 2050. Here, I have been able to amplify the importance of character and integrated designs. The ability to create something in various scale will allow us to be able to 'think like a king and act like the poor.'

Images from Top

1. The hierarchical planning of Wynnum using vistas
2. The narrow linear planning on Jane Street, West End
3. The section of the narrow building on Jane Street, West End
4. The Man-made hill in Rocklea overlooking the Wetland.



LAU YAN LAI



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Hello! I am Yvonne Lai. I am currently completing my Master Degree in Architecture Studies at University of Queensland. I have two years working experience in Hong Kong after I finishing my Bachelor Degree at The University of Melbourne. my favourite topic is sustainability. I believe it will become the most important elements in architecture in the future.

I have chosen my last studio project to share which is the 'Vertical Village'. It was a Co-Living Project. There are lots of co-living places for young individuals, however, just a few for family. It's well-known that caring for small children is difficult, but it doesn't have to be. The vertical village are designed to create an affordable Utopia for young parents to raise their kids. They can live, work, play, live and farm together. Moreover, as cities become more crowded and dependent on apartment living, few of us have access to garden space. One of the solutions to this has been the development of innovative urban farming. It helps people live in sustainable way and provides similar quality of life as living in a house by keeping connection to sky.

Images from Top

1. Overall Perspective
2. Front Entrance Perspective
3. Concept Diagram
4. Farm Market Design



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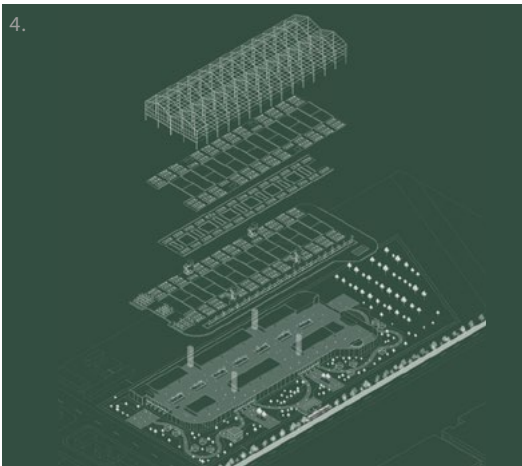
Since starting my Bachelors in 2014, Architecture has taught me many lessons, some transcending design itself. Most importantly, it has taught me that design should be disciplined but fun. It has also taught me that the a good architect should assume the role of a dinner party host, one who anticipates the needs of their guests, all with an element of surprise and ease.

I began my Masters degree in 2018, with this year (2020) being my favourite of all my time at Zelman. I was lucky enough to be apart of a 10-15 person travel studio to Singapore, weeks before covid-19 hit. The studio was my favourite due to its fast-pace, pressure cooker design timeline, as well as the great people involved in the studio.

The project I have selected to share is called 'The Ballina Commons', which was my final masters submission. The Project focusses on a world where global warming has made import/export costs too high, necessitating the need for a rural coastal town like Ballina, to shift its economy to that of an urban agricultural value system. The project seeks to address climate change whilst improving community life.

Images from Top

1. Ballina Commons - Entry
2. Ballina Commons - Logo
3. Ballina Commons - Zero Food Mile Restaurant/Bar
4. Ballina Commons - Exploded Axo
5. Ballina Commons - Market



LINDSAY TAYLOR



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Since commencing my architectural education at UQ in 2014 in the BArchDes program, I've felt that architecture exists as that of a background art. It is that which attempts to sit quietly, to facilitate the daily inhabitants a heightened awareness of the existing context, be it urban or rural, and create an ongoing dialogue between people and place.

The question for this design project becomes, how do we design for the significant densification of our city, whilst maintaining the established poetic suburban characteristics? The challenge of city making therefore becomes informed by the re-imagining of the existing. Through careful fragmental re-ordering of the (ordinary) detached housing of Stafford into a suburban tower typology, a new model for densification is proposed. The introduced towers allow for the incremental growth of the suburb on a small footprint, thus maintaining and framing the open and in-between spaces of gardens and mango trees, characteristically specific to the sub-tropical suburbs of Brisbane. As a result the ongoing project of city making sits quietly allowing the daily inhabitants the increased awareness of the existing context whilst densifying the suburban fabric.

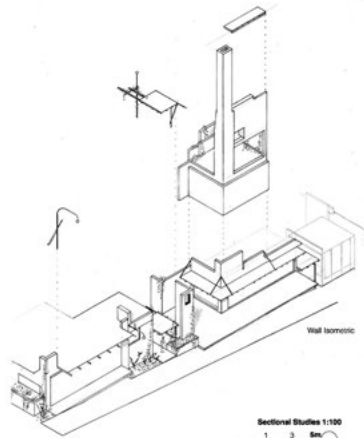
Images from Top

1. Existing Stafford built fabric
2. Short Section
3. Odd Lots
4. Ground Floor Plan

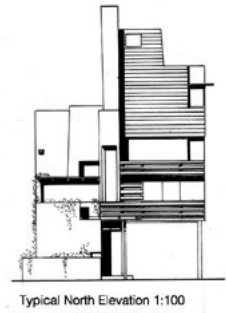
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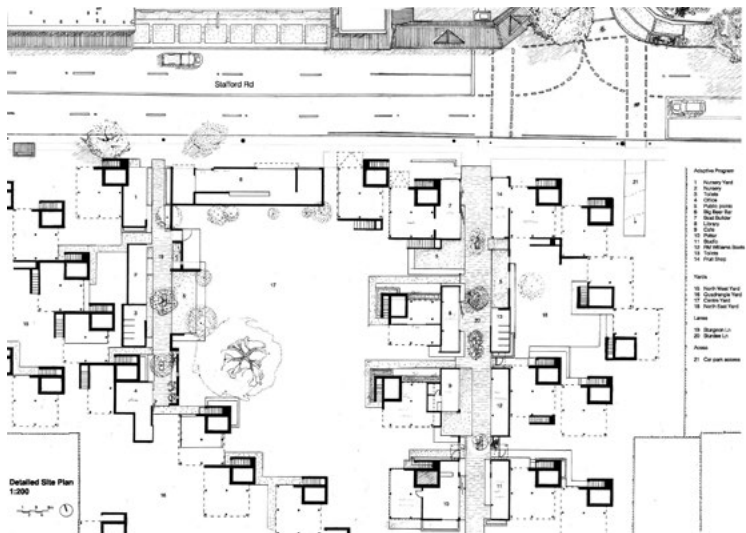
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3.



4.



- Allegation Program
- 1. Access Yard
 - 2. Access
 - 3. Access
 - 4. Access
 - 5. Access
 - 6. Access
 - 7. Access
 - 8. Access
 - 9. Access
 - 10. Access
 - 11. Access
 - 12. Access
 - 13. Access
 - 14. Access
 - 15. Access
 - 16. Access
 - 17. Access
 - 18. Access
 - 19. Access
 - 20. Access
 - 21. Access
- Notes
- 10. Access Yard
 - 11. Access Yard
 - 12. Access Yard
 - 13. Access Yard
- Access
- 10. Access
 - 11. Access
 - 12. Access
 - 13. Access
- Access
- 21. Car park access

LISA HERBOHN



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I am a final semester Master of Architecture Student who was born and grew up in Brisbane. Throughout my masters beginning in 2019, I have found a passion in both sustainable design approaches along with heritage studies. I believe projects should have a strong link to site, context, and climate.

Project approach:

TRADITION as a SHADOW in MODERNITY

The adjacent project acts as a shadow of tradition, abiding by ideas of placement and setback to achieve a sense of unity in the neighbourhood. Building envelope and form however communicate modern ideas of use, comfort, efficiency, and circulation. This concludes in a repertoire of building edge treatments which reflect internal building use and ideal experience. Pre-existing space between built form can then be adapted to create a web of connections throughout suburbia, while the left-over space at the rear of the site can be given back to the community, safely removed from the street scape.

Images from Top

1.Postcard Shot

2.Ground Floor Plan

3.Laneway Visualisations



MATTHEW WALTON



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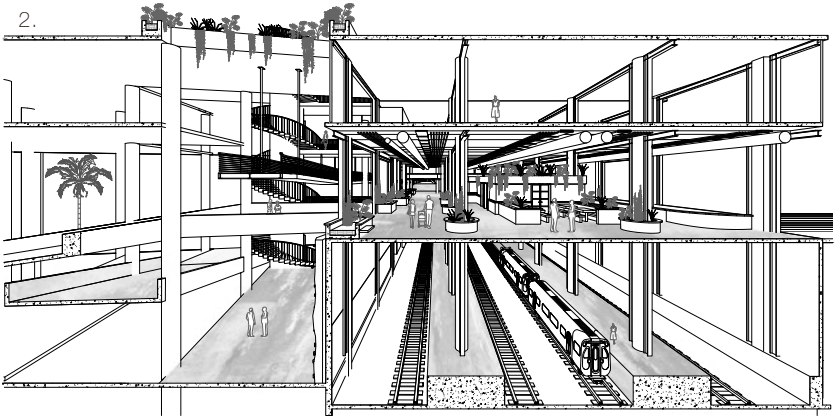
I am passionate about using architecture as a tool to develop and improve our urban environment. Through careful consideration, architecture has the ability to solve problems at both the urban and the human scale. My goal is to take the opportunities that are presented within the built environment and create spaces that are both engaging and equitable.

Project to right, Title: Multi-nodal city.

Description: An adaptive reuse of Toowong Village Car Park as a social condenser in a "fictional" future that has caused cities to become decentralized due to a series of future pandemics. Due to sky-rocketing fuel prices, public transportation and cycleways have become the main method for travel. Abandoned car parks are used to connect cycleways, provide community facilities, sporting facilities, and public spaces. Dubbed the "Subtropical Boulevard," the site acts as a connection point over the invisible and visible walls created by Coronation Drive. The existing fabric and character is still apparent in these once underutilized spaces.

Images from Top

1. View from north of Toowong Village
2. Section through "Subtropical Boulevard"
3. "Subtropical Boulevard"







MEGHANA BODIREDDIGARI



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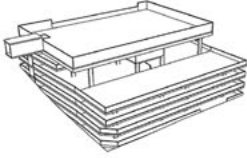
I completed my Bachelor's in Architecture in 2018, at Manipal University, India, and commenced my Master's in Architecture at UQ in 2019. I am passionate about architecture and hope to leave a positive footprint in the urban environment. I have worked in Bali, Indonesia as an Architectural Intern and did two freelance projects in Madanpalli, India. I aspire to gather as much knowledge as I can from different practices around the world and carry it forward with me.

The project I have chosen on the right is the Adaptive reuse of Astor Terrace Carpark. Despite sharing the same postal code as Brisbane's CBD, Astor terrace is a quiet place. With the proposal of the programs for Astor terrace carpark, we aim to change this. The programs allocated for Astor Terrace Carpark are a gallery, markets (a place for young budding artists to sell their work, a mix of food, clothes, and handmade jewellery markets), and a rooftop bar and restaurant. Different massing options were explored, and one of the options was developed with a proposal for spill-out programs.

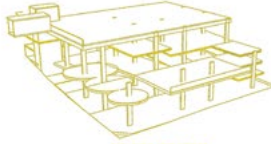
Images from Top

1. Existing, Removed and Added Structure.
2. Axonometric view of the proposal
3. Renders

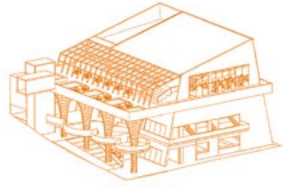
1.



ORIGINAL STRUCTURE

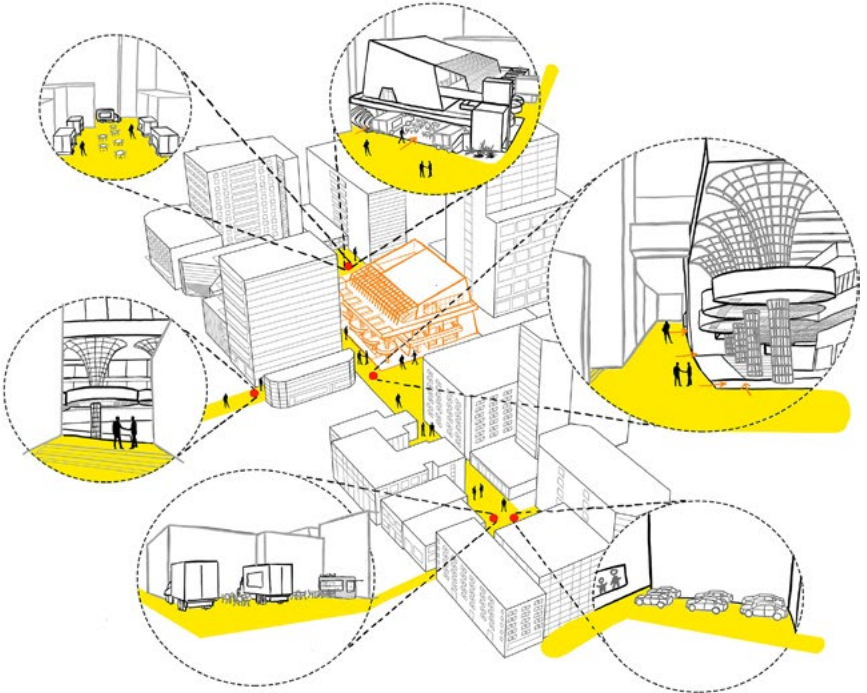


REMOVED STRUCTURE

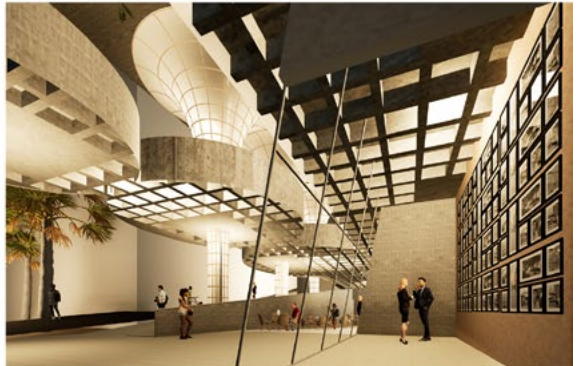


ADDED STRUCTURE

2.



3.



MEGHNA PRASANTH



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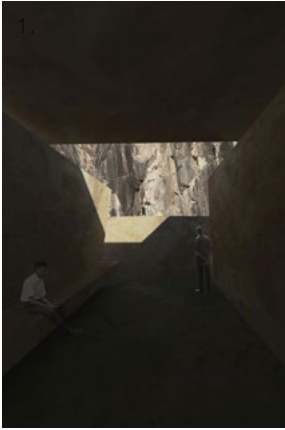
li: [linkedin.com/in/megprasanth](https://www.linkedin.com/in/megprasanth)

I started my Bachelor's degree in Architecture in 2013 in Madras, India, and began my Master's degree at UQ in 2019. I chose to study Architecture as I've always been interested in the way people lived, and find the power Architecture has over the most passive of subjects compelling. Now, as I come to the end of my education, I'm moved by the possible future where I can be an enabler of change in a field that I took great joy in being a student of.

Project to the right: Citizens of Brisbane are afflicted by an unprecedented epidemic. With no cure in sight, the victims are ferried by boat to a quarantine facility at the foot of the Kangaroo Point Cliffs. Isolated from the rest of the city by river and cliff, they resemble an archipelago of rocks and turn into a sanctuary for the patients as quarantine turns into exile. Patients in the midst of their convalescence look out at the dead being ferried away to a crematorium down the river and the recently cured, returning to the city by boat as they arrived.

Images from Top

1. Render showing internal space
- 2,3. Views of the facility
4. Level 01 floor plan



MILLICENT LUPTON



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Having completed my undergraduate degree at UQ in 2017, I commenced my Master of Architecture in 2019. During my time in the masters program, I have undertaken design studios relating to commerce, institutions, social housing and urban infrastructure. I selected these studios primarily due to my interest in public architecture and in particular the movement of people through public spaces. Each of these studios provided me with the opportunity to explore this on various scales and for multiple users.

The project pictured to the right is a proposal for the major renovation and extension of the COX designed Australian National Maritime Museum in Sydney. The design was completed as part of the Institutions and Ideology studio and involved the studio travelling to Sydney to visit the site. The project explores the establishment of a new axis for the museum in which it is re-orientated towards the ocean. The existing white steel structure is retained, with a large public plaza established below the wave-like canopy of the existing roof. This plaza allows for a continuous pedestrian path from Barangaroo around the harbour, and contributes to the vibrant future of Darling Harbour.

Images from Top

1. Museum Entry Plaza

2. Internal Perspectives through Museum

3 & 4. Sectional Perspective



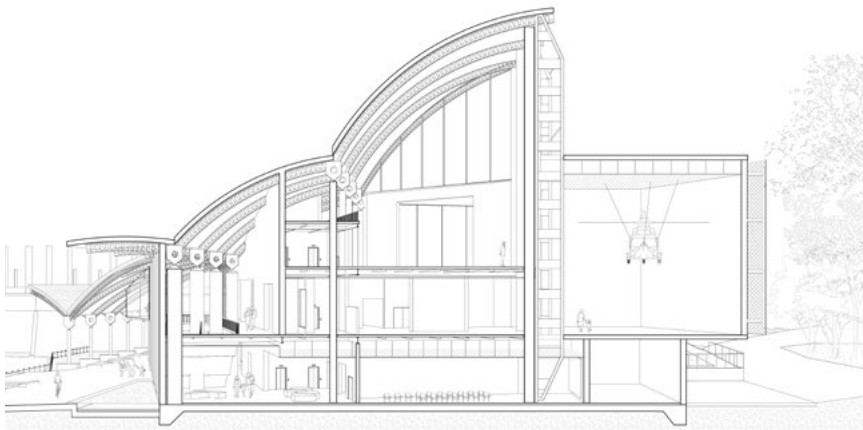
2.



3.



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MOKSHA MAISURIA



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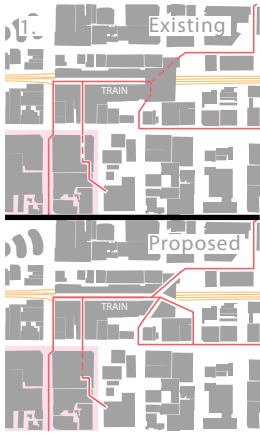
Hello!

I have just completed the Masters of Architecture program at the University of Queensland. I have a passion for helping others and making a difference through personal interactions, community engagement and sustainable design. I am currently working towards becoming a Green Star Accredited Professional so I can further my ambitions in sustainable development throughout my career.

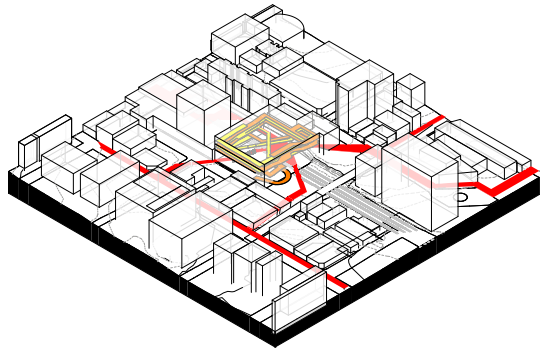
Throughout my Masters degree I participated in a variety of design studios including Institutions and Ideology, Architecture and Commerce, Landscapes and Architecture, and Architecture and Urban Infrastructure. I have chosen to include work from my Architecture and Urban Infrastructure course where we were required to adaptively reuse car parking facilities around Brisbane in a re-imagined future for the city. My project focussed on creating a clear route through the building to facilitate pedestrian movement. Enjoy!

Images from Top

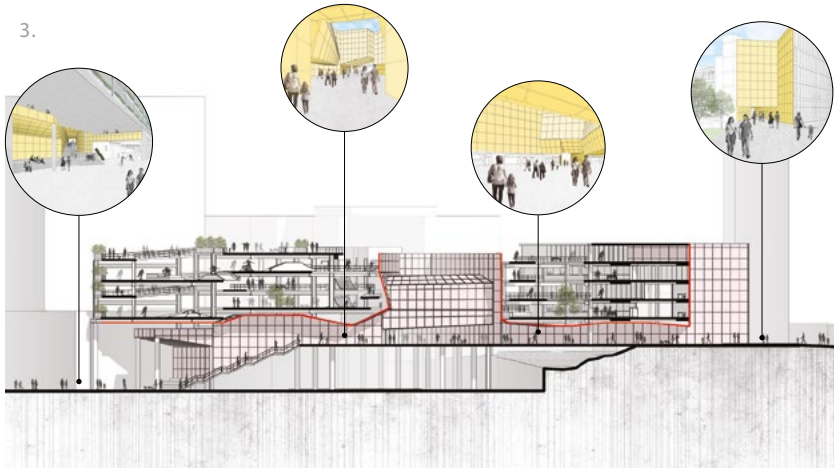
1. Analysis of creating pedestrian paths through building
2. Circulation axonometric of social condenser
3. Long section
4. Short section



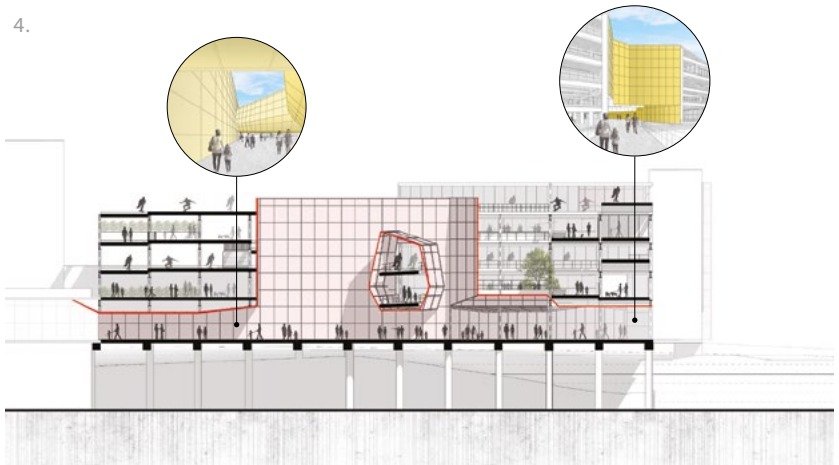
2.



3.



4.



NICOLA MYATT



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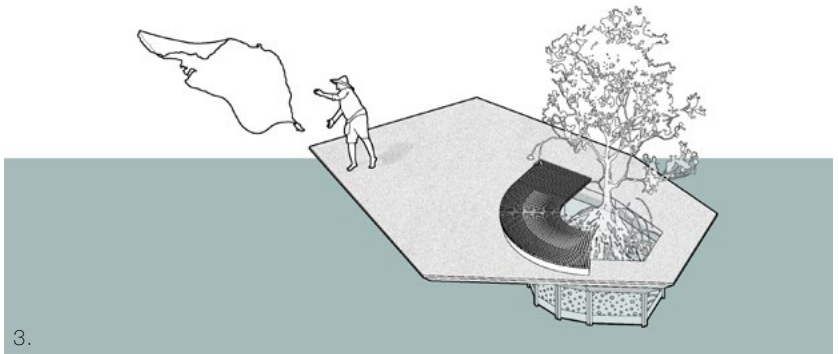
ig: @nicollaaamay

I commenced my Master of Architecture in 2019, having previously completed the undergraduate program in 2017. Throughout the master's program I have had the opportunity to study a variety of studios, including commercial, institutional, and residential design. Significantly, the courses I have taken allowed me to explore my interest in community architecture, both locally and internationally. I am so thankful for the opportunities the master's program has provided, and I am so grateful for the support I have received from friends, family, and academics.

The adjacent project was designed as part of the Urban Infrastructure studio for which we travelled to Singapore. Through interrogating the use – and underuse – of local public space, small, innovative design interventions can increase the activation of valued community precincts. The design proposes tessellating pontoons, housing mangrove trees. This infrastructure reintroduces endangered mangrove species to Singapore's ever-changing shoreline, whilst responding to local use of coastal spaces and government desire for 'novelty' in public precincts.

Images from Top

1. Sectional Perspective, View from Water.
2. Pavilion Plan - East Coast Park, Singapore.
3. Mangrove Pontoon.



NINO MIDDLETON



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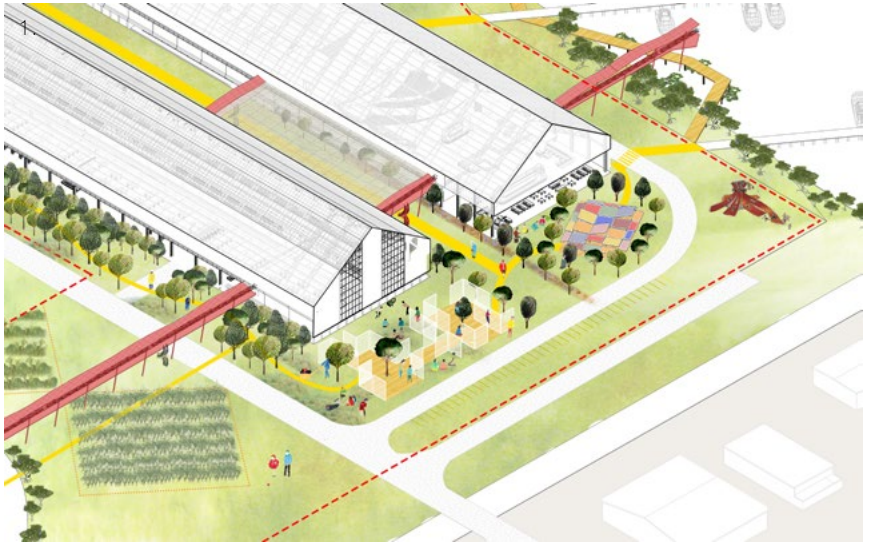
The past three years of Master's have been characterised by late nights, ever-increasing coffee consumption, and a deep-seated fear of jacaranda flowers & the impending crits they foreshadow.

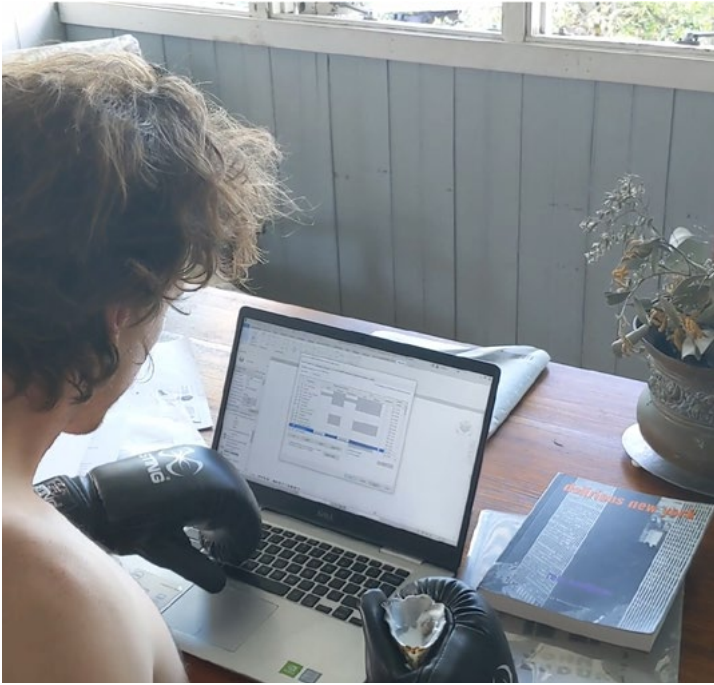
Luckily these are overshadowed by many beautiful moments: from exploring the Taj Mahal at sunrise to post-crit drinks on the Zelman rooftop at sunset. Thanks to everybody who made it so special.

The project to the right was developed during the Institutions & Ideology studio, and examines how underutilised agricultural infrastructure can be repurposed to offer additional amenity to the city of Cairns. Bulk sugar storage sheds are transformed to also hold research and cultural programme, while an existing cane railway acts as a catalyst for a series of suburban hubs. The novel transportation of artwork between sites creates a sense of spectacle that makes the city more energetic, vibrant, and in touch with the processes of the land and industry supporting it.

Images from Top

1. Illustration of precinct
2. Collage of machinery workshop
3. Vignette of suburban station
4. Vignette of artwork in transit.







OCTAVIA SMITH



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I started my studies for architecture with an bachelors degree in 2016 at UQ, followed by a year out of work experience. I came back in 2019 and began the Master of Architecture program. These past two years have solidified my learnings and inspired me in so many ways. Of particular note, and the studio in which the following project was produced, was Peter Besley's Masterclass studio. The course prompted students to create a narrative based on the occurrence of a disastrous event. Students then had the freedom to respond and create their own story. My project is based off an urban response to a pandemic, of all things..., and results in a series of buildings aimed to treat and isolate the sick. The facility is formed as a large raised landscape plinth, with a eucalyptus oil distillery and working spaces below and around the perimeter. Roof forms are sculpted above to shelter the baths and form as a landmark. Settled into a forest of silver gum, the paintings evoke the experiential nature of attending the baths.

Images from Top

1. Sectional perspective through the baths and distillery
2. View from a boat approaching the baths
3. View travelling along perameter leading to the distillery
4. View out into the silver gum forest
5. View into one of the baths



SIUBHAN RUDGE



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I commenced my Master of Architecture degree in 2019 and over the past two years I have had some incredible opportunities; a notable highlight being my study abroad experience during a global pandemic! I would like to say a big thank you to my family and friends who have supported me on this wonderfully chaotic journey. A special mention to Lakeside Cafe for keeping me energised, to the regulars in the lab for your encouraging words at 4am and to the lecturers for providing us with a one hour grace period.

The adjacent project, "The Ecotone Precinct" reflects my interest in the relationship between built and natural environments. In this scenario, the downfall of Cairn's tourism industry has redirected the city's focus towards ecological well-being. The research institute explores the ecotone conditions that stem from sea-level rise, blurring the boundaries between urban and marine environments to develop a harmonious equilibrium of co-existence. As a symbolic gesture of change, the precinct re-adapts abandoned hotels that have privatized valuable land and returns this space back to the community and environment.

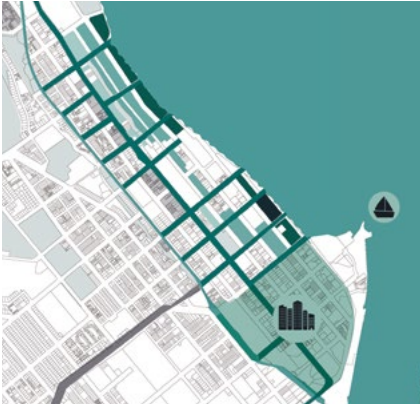
Images from Top

1. Ecotone Precinct: Overview
2. Precinct Strategy: Re-adapting hotels to create a presence.
3. Ground plane plan
4. Precinct Section
5. Detail Section: Promoting citizen science.

1.



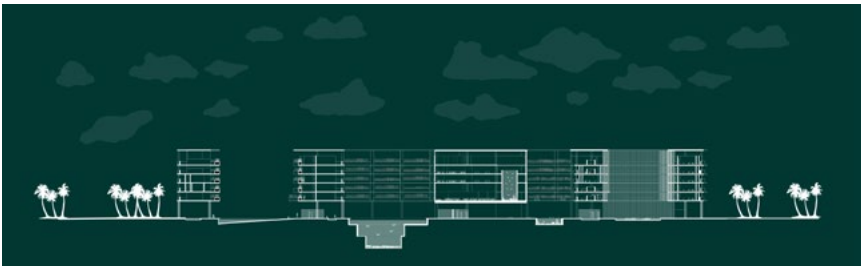
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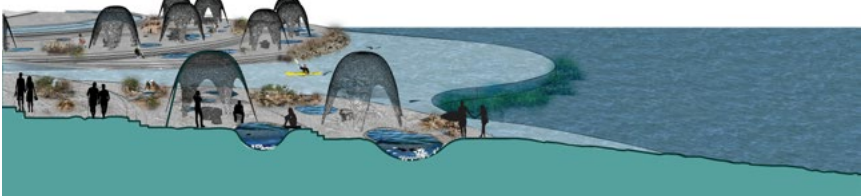
3.



4.



5.



SIYUAN CHEN



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Graduated with a bachelor degree in 2017 in Guangzhou, China, after a year of work. I found that my level at that time could not match what I wanted, so I applied for master degree. I am very grateful to the University of Queensland for giving me a chance to study, and I have worked very hard myself. The progress in the past two years can be seen and touched.

In the future, I will continue to work hard, hoping to live up to the hard work of the past two years.

The Project beside is the rebuild car park. This car park is in the Milton area. I want to change the car park to a new recreational space, sharing office and incubator space. The perspectives illustrate the sunset time of the area and the rainy time. In addition to the interior of the building, the facade of the building is also very important. Thus, I use a lager steel frame to support the outdoor stairs and lifts. At the same time, the frame also provide the sun-shading of the building.

Images from Top

- 1.Perspective of the Milton Car Park
- 2.Perspective of the Milton Car Park
- 3.Building Ground Floor
- 4.Building Sections



2.



3.

4.



TUAN ANH LE



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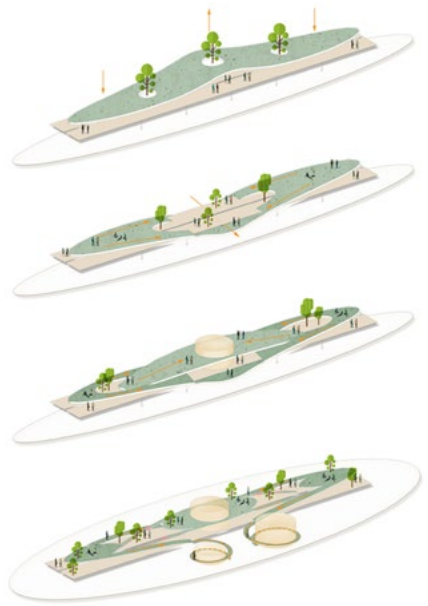
ig: [anh_le12994](https://www.instagram.com/anh_le12994)

I graduated from my Bachelors of Architecture at Curtin University, WA in 2018. I then moved to Brisbane and commenced my Masters of Architecture at UQ in 2019. During master course, being able to engage with professionals during review sessions and extra curricular activities have offered great opportunities to explore variety of architectural concepts and approaches. I am interested in sustainable green design and how architecture is interpreted through the transitional of spaces.

The project on the right was completed as part of Responsive Environments Studio. The brief calls for the new development of the existing Expressway along the riverfront of NorthBank Precinct. The project is to design a new institutional pavilion serves as the link the Botanic Garden and the Expressway. The main concept is to explore systems of circulation to integrate and connect different plane/ layer of the Expressway. The journey through architectural spaces created within layers and living facade offers users sensational experiences and the revealing of professionals work.

Images from Top

1. Site Plan
2. Concept Diagrams
3. Sectional Perspective across Riverfront
4. Section along the Expressway



WILLIAM ZI JIN WONG



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I graduated with my Bachelor of Architecture at the University of Sheffield, United Kingdom in 2017. After 13 months of internship in Farrells (HK) working as an architectural assistant, I commenced my Master of Architecture at UQ in 2019. I have a huge interest in sustainable design especially in the field of biomimicry approach and algae-driven technologies. I also love to study urbanisation history which I believe one good way to improve the urban building context would be to learn from both the success and failure in the past.

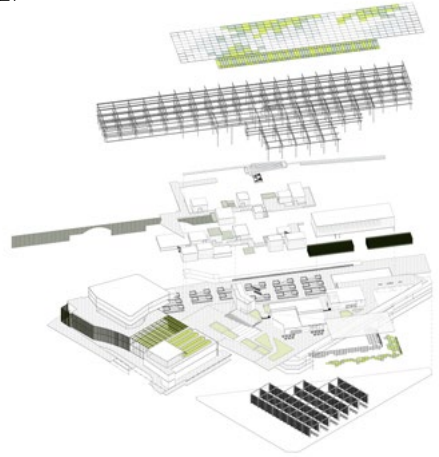
The Architecture & Commerce shown project on the right is based on the two themes: "Circular Economy" and "the Future of Retail". We were to propose a master plan for Albion, Brisbane and focus on a smaller part based on the development. The building is designed for disassembly which leads to the megastructure approach made with timber frames and modular units. Algae is used radically in this project as sustainable strategies and the appearance of the building, featuring the algae pipe facade and algae bioreactor panels for the roof.

Images from Top

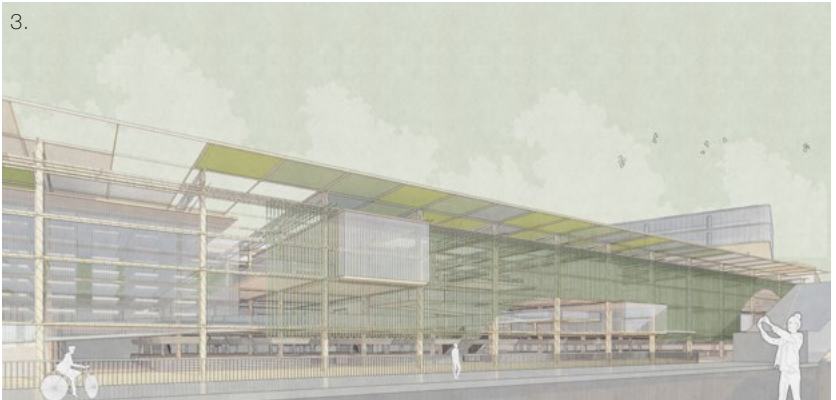
1. Street Level Plan
2. Exploded Axonometric Drawing
3. Perspective from Albion Train Station
4. Sectional Perspective



2.



3.



4.



ZACHARY BRADFORD



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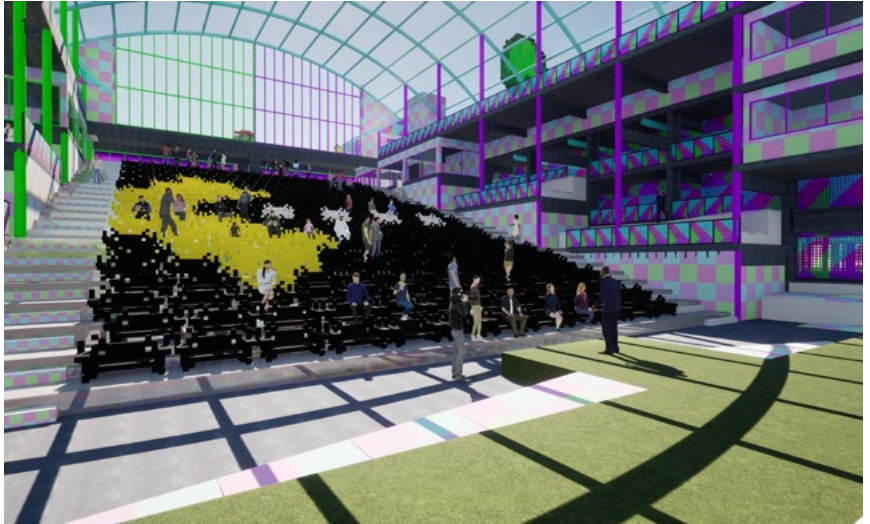
I'm most interested in the process of architectural design rather than outcomes. I like to explore non-typical working methods with user research, science, mathematics and computational design based strategies. How can these ideas form a new outcome that benefits society and the occupants?

Project to right, Title: 8Bit Remix.

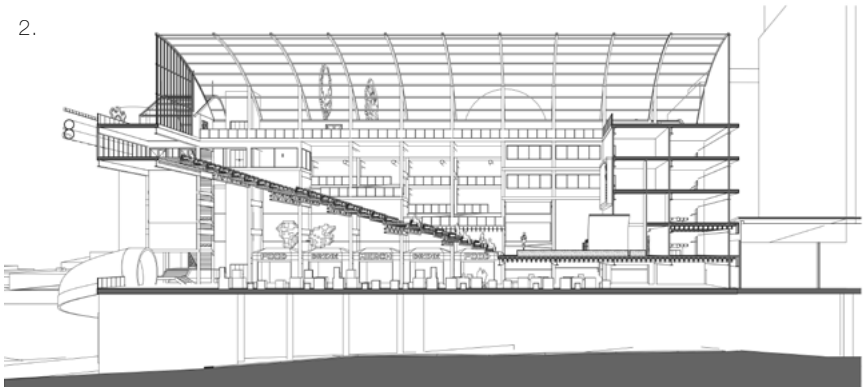
Description: An adaptive reuse of the carpark adjacent to Fortitude Valley Station that is focused on the program of an esports arena. The project was an exploration of virtual world aesthetic in the classic super mario and pokemon games mixed with post modern architectural influences such as James Stirling's Neue Staatsgalerie. The arena and public ground plane take precedence with the former bridging over the top of the latter creating memorable light and spatial qualities. References and motifs to video game pop culture are applied both whimsically and thoughtfully to bring life and fun to a building devoid of both.

Images from Top

1. Esports arena
2. Section through public ground plane and arena
3. Project in context before and after



2.



3.



ZOE WEDDELL



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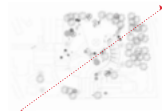
ig: [zoeweederle](#), [zippysnake](#)

Catch me in the architecture labs at 4:51am, talking to myself, wearing no shoes and deliriously cry-laughing with the other stragglers while I peel masking tape from my hair. I reach for my 8th Caramello Koala™ and glance out the window at the rising sun and the shockingly HD trees. What a perfect jpeg to use in my collage. My mind subconsciously photoshops the trees using the Magic Wand Select Tool, and as I hear the kookaburras laughing at me I ask myself, why am I still here? The reason is that I love creating something I can be proud of. To me, this means using architecture as a catalyst for engaging people with nature and sustainability, and facilitating inclusive social environments whether amidst an intimate or public surrounding. That, and questionable time management.

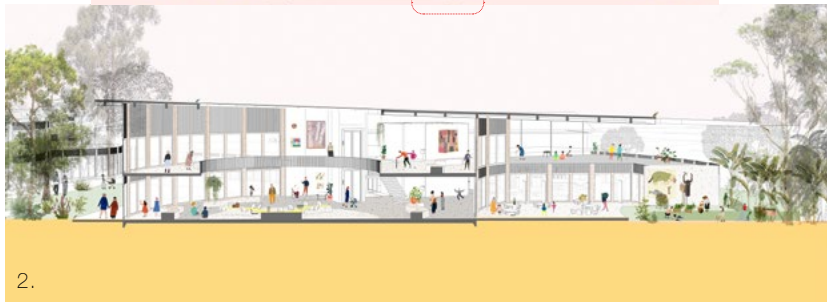
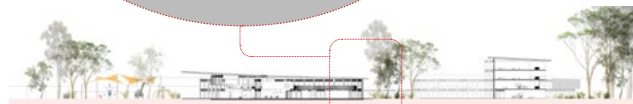
At right is my Well-Being Co-Lab project for Institutions + Ideologies: sprinkling a new model of personal, community and ecological care around Cairns city. It's been an extraordinarily meaningful 6 years of Bachelor and Master degrees at UQ, filled with every emotion, so cheers to the next chapter and cheers to the freakin' weekend !

Images from Top

1. Recycled Art Gallery / Garden Threshold Callout
2. Inter-Generational Care Section
3. Precinct Plan
4. Inter-Generational Care Program Perspective



1.



2.



3.



4.

ACKNOWLEDGEMENTS

Executive Team:

Co-Curators: Siubhan Rudge (5th) and Aaron C Barton (3rd)

Treasurer: Monique Pousson

Logistics: Cam Changuion

Marketing: Sophia Fu

Graduate Book & Studio Guide:

Angela Galati, Jinny Lee, Millie Lupton and Nicola Myatt

Digital Exhibition (www.hearth2020uq.com):

Bill Job, Jas Stancombe and Ketki Mahadik

Satellite Exhibition:

Ellie Whittaker, Katie Lee, Swati Kannan

All who participated and submitted work.

Physical Exhibition:

All who have helped with bump-in, bump-out and construction.

Student Documentary and Projection Realisation:

All who gathered and submitted footage.

Clay Schrieber from Aldergrove Studios and

Freddy Komp from Budget Features

UQ Staff: Lisa Hinchy, Kim Baber, Sam Butler, Mark Lynne,
John de Manincor, Tim O'Rourke and Paul Violett

Special thanks to Hutchinson Builders for supplying the temporary fencing for the Hearth Exhibition.

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