

MANCHESTER SCHOOL
OF ARCHITECTURE



YEARBOOK
2019

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OF ARCHITECTURE**

**YEARBOOK
2019**






Image: LULU Students, MArch



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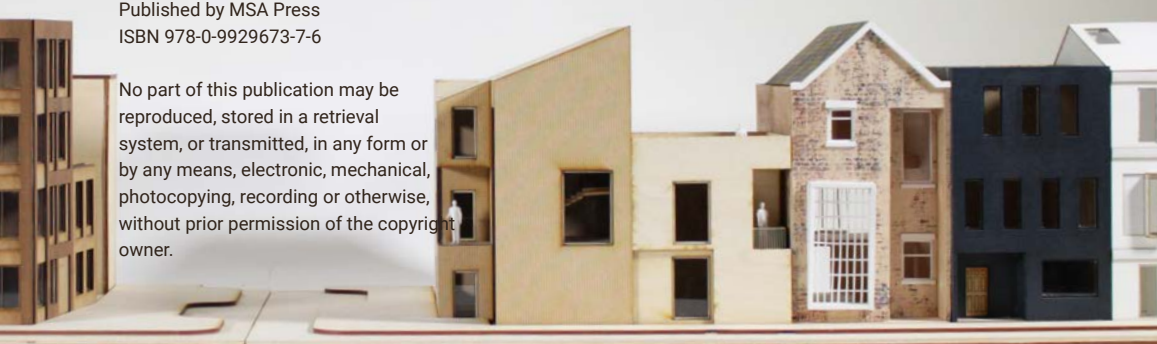
Manchester School of Architecture
Manchester Metropolitan University
University of Manchester



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Manchester School of Architecture

Head of School
Prof Tom Jefferies

Internationally Local: Global Mancunians

Our School is a place where complex, sometimes apparently intractable, issues are addressed. Using design research to explore complex questions and propose possible futures, we develop architectural thinking that connects architecture and society.

Professionalism and trans-disciplinary architectural design practice are fundamental to our approach, researching complex contemporary questions about what inhabited space could and should be. This underpins creative, sustainable and critically robust proposals for action.

The need for architecture that expresses collective values and creates spaces for social interaction is critical. Our work proposes possible inclusive futures, whilst exposing the risks of division. We transcend the boundaries of the School, collaborating with numerous stakeholders and audiences in the city and beyond, influencing decision making and promoting better futures.

This year we worked with local authorities, proposing visions for the Future of the High Street, and design research on socially inclusive,

intergenerational urbanism contributed to the UK All Party Parliamentary Committee Report 'Healing The Generational Divide'. Analysis of the current and future spatiality of Brexit was presented at the Irish Parliament and our students are finalists in the U.S. Department of Energy Solar Decathlon Design Challenge, proposing zero carbon solutions for future housing.

Exhibitions showed exciting modes of construction, presentation and making, including structural knitting at London's Southbank, the augmented reality Manchester Plinth at 10 Downing Street, philosopher Ludwig Wittgenstein's Norwegian window Un-Done at Castlefield Gallery, Manchester, and the award-winning film 'What We Do Here' at the 2018 Venice Architecture Biennale.

School staff help shape the UK professional architectural landscape, with Privy Council appointment to Architects Registration Board board membership, and RIBA National Education Committee membership.

This book celebrates the range of our work, connecting with diverse partners through strong, research driven, professionally engaged networks. Our shared ambition is to shape culturally rich, inclusive and sustainable futures, in which Global Mancunian graduates will play an important part.



All School Project 2017/18

Urban Space: Cultural Terrain

The All School Project started the academic year asking mixed collaborative teams of students from years 1-5 of the School to reimagine the city and the university campus as a maximised cultural terrain. How can the latent culture of a city, its treasures, history and unbuilt futures be released and celebrated as an essential component of urban living and liveable space?

Using any available, potential or imaginable architectural, spatial, material or digital means the proposals demonstrated how architecture can frame collective, sustainable, culturally rich zero carbon futures.

The city is a terrain created by the intersecting functional demands of inhabitation with the spatial and technological means necessary to support these. Architecture emerges from the need to place this within an understandable cultural frame. Across this terrain there are foci for arts and culture that result from our need to concentrate, gather and celebrate cultural production and events.

Within the project site the world's first computer was built, the atom was split for the first time and graphene was discovered, radical political thought

was developed, world renowned music produced, and cultural movements started. Manchester has a tradition of creative iconoclasm and innovation.

Beneath visible manifestations of culture there are hidden archives, galleries, music and stories that form part of the latent cultural capacity of the city. MMU Special Collections holds one of the UK's largest collections of fragile Arts and Crafts artefacts. Projects such as the Manchester Plinth1 and brings these into augmented digital space in the city.



Group 48 - All School Project
 Shijie Cai, Flynn Collins, Anastasiia Dynko,
 Gergely Jelinek, Anas Muda, Veroniki
 Nikolopoulou, Nina Pjevac, Vasiliki Souti,
 Simeon Orlinov Stefanov, Phoebe Stevens,
 Ashif Shafi, Saad Sharifeh, Joseph Shepherd,
 Adrian Todorov Dimov, Reshmy Easwaran, Jack
 Williamson, See Ting Dawn Wong

Image: Adam De Vere

BA (Hons) Architecture



BA(HONS) ARCHITECTURE

Programme Leader

Matthew Ault

Students enrolling on the BA (Hons) Architecture begin their journey towards becoming world-class graduates, joining an elite, international community of alumni across a diverse spectrum of roles within the profession and academy of architecture, and related design disciplines.

The unique and innovative design of our programme offers a large amount of choice and variety to students allowing them to tailor their route through the School, aligning with their ambitions, feeding their interests and curiosities, and forming a strong platform on which to build their onward careers.

Our graduates are equipped with all the expected skills and competencies required in contemporary professional practice. Further, they excel in challenging and interrogating ideas and arguments as individual and independent thinkers, and in their strengths in teamwork, collaboration and leadership.

In first year, students are immersed in the community of MSA through the

whole school project, working in teams with colleagues from every year of the School. This year, design projects in Studio focused on fabrication and manufacturing space, employing physical modelling integral to design process. In Humanities, students reflected on design paradigms through study trips in the UK and Europe. Design projects in Technologies introduced techniques for iterative design testing through digital modelling and fabrication, exploring creative spatial effects via a canopy design.

In second year, students developed a strong awareness of design in historic contexts through study visits to Manchester Town Hall's Grade 1 listed refurbishment project. Studio briefs also focused on contemporary interventions within the industrial heritage of central Manchester. Through elective seminars in Humanities, students used film making as part of their enquiries into history, theories and modes of professional practice. Design projects in Technologies introduced environmental modelling and analysis to iterative design testing, applied to the scale of a single volume community hall.

In third year, the Studio brief is interpreted through the selective focus

of each atelier, driven by research specialisms of staff. Students' atelier selection allows their work to align with their own position and agendas. This is supported by continued reflection on modes of practice in the architectural profession in Humanities. The Technologies design project is systematic in approach, focusing on a multi-storey office and building skin. The brief echoes those encountered in the profession, providing students with a first taste of the scenarios they will encounter as they graduate into practice.

Our students accumulate a rich and varied portfolio of experiences through the innovative design of our programme that has been characterised by examiners as 'distinctly Manchester'. Students graduate with a sought-after skill set that is highly attractive to employers placing international opportunities within the reach of our world-class graduates – Global Mancunians.

YEAR ONE

Coordinator
Emily Crompton

Tutors **Maggie Atanasova, Charlie Butterwick, Julia Chance, Emily Crompton, Johnathan Djabarouti, Julie Fitzpatrick, Vik Kaushal, Jennah Kinsey, Dino Kotlar, Carma Masson, Ian McHugh, Dragana Opacic-Wilkinson, Maryam Osman, Jonathan Morrison, Richard Morton, Steve Wall.**

Teaching Assistants **Florence Booth, Jaemin Shin, Tara Aveyard, Sandhya Parekh, Ethel Ng, Daniel McBride, Daria Pavlova, Muhammad Faris Bin Mohd Sabri, Sioned Williams, Rachel Alty, Frixos Petrou, Victoria Adegoke, Gabriel Kai Wyderkiewicz, Nicholas Royce, Anahita Mohammadkhani**

Special Thanks **Jim Backhouse and Scott Miller, B.15 Model Making Workshop. Ernst ter Horst, Feilden Clegg Bradley Studios. Simone Ridyard, Urban Sketchers Manchester. Andrew Barnett, Hopkins Architects. David Mellor Design Centre. Our Town Hall Project. Justin Kay, Mogan Sindall and Oli Haywood, Allies and Morrison. Jos Boys, Dis/Ordinary Architecture. Jonathan Greenaway, MMU Student**

Support Officer and Elaine Cooke, MMU Libraries.

GENESIS

BA01 augmented the existing knowledge and skills of students, and aimed to value their understanding and experience of space. STUDIO units considered the relationship of people, site and space through projects of increasing scale and complexity. Projects had a range of 'Starting Points', introducing students to the many ways of 'doing' architecture. Students were encouraged to experiment, play and refine their designs, along with a consideration of 'otherness' which manifested in workshops focussing on disability and ergonomics. Sites were located in Manchester's Northern Quarter for the first and last projects, and gig venues across the city offered a variety of existing conditions for the parasitic project. Over the year, students have developed strong design methodologies, the ability to construct narratives as well as a robust set of fundamental skills. In the second term there was a large emphasis on students' own heritage and culture to allow each student to create an individual connection to the brief. BA01 students have displayed a

detailed understanding of how social, economic and political factors all affect the regeneration of a specific urban context by exploring how to embed a single building into Manchester's own narrative as a city.

STUDIO 1.1

CHAMBER explored the relationship between audio, visual and spatial qualities in the design of a single space for listening to a specific piece of music chosen by the student.

FABRICATE asked the students to create large scale models of their chamber projects. This allowed the students to consider their designs in relation to volume, light, form, materials as well as the production of space.

STOPOVER explored the notion of 'home' through the design of an occasional micro-home for a musician, attached to a gig venue. Students used a musician as protagonist for their project, examining the human form and specific ergonomics and personality of the musician. By locating projects on existing buildings, it gave students the opportunity to consider existing conditions in their design solutions.

STUDIO 1.2

MAKER / SPACE began by inviting students to select a product from their home country or town. The brief asked for the design a new building for the manufacture, sale and education of that specific product.

SITE/ PRODUCT/ PROGRAMME asked the students to interrogate a given site in the Northern Quarter, research their product, document the raw materials and the manufacturing process, as well as investigate the programmatic challenges of the brief.

RESOLUTION allowed project development and culminated in a final design of a building for the students' imagined clients.

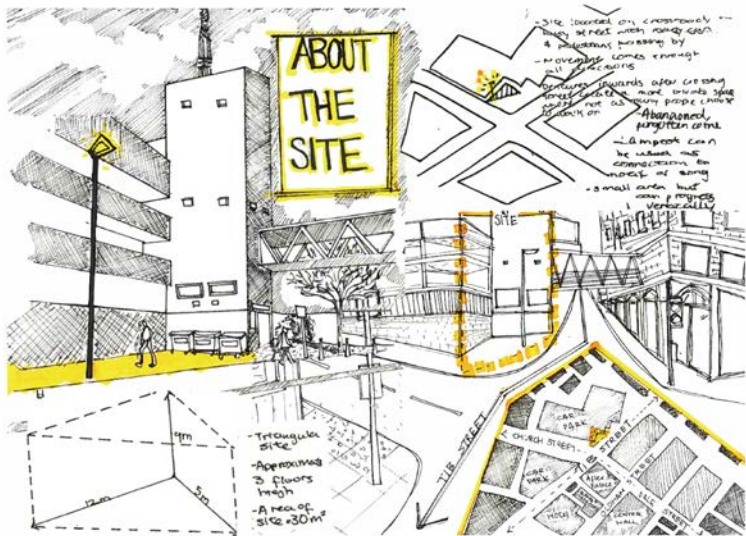
EXHIBIT explored architectural drawing and model making as a method of communication through the creation of one outstanding exhibition piece. Methods and testing were recorded in an experimental sketchbook.



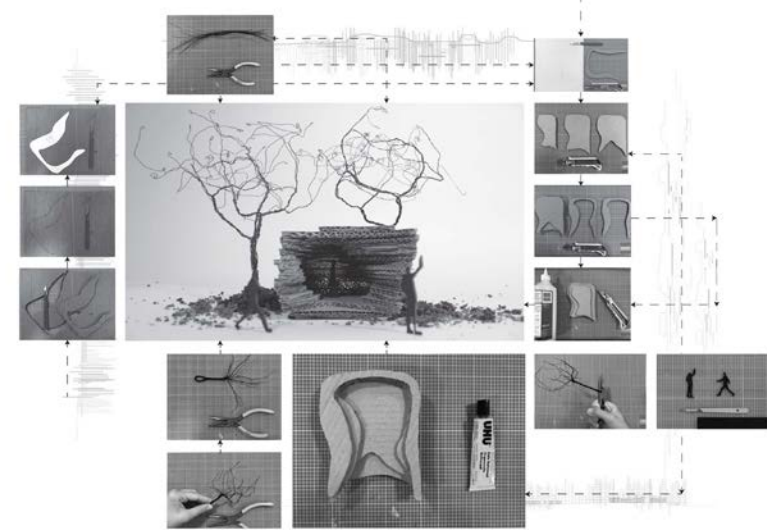
Jamie Loh: CHAMBER / Photo collage



Lukas Somodi: FABRICATE/ Model



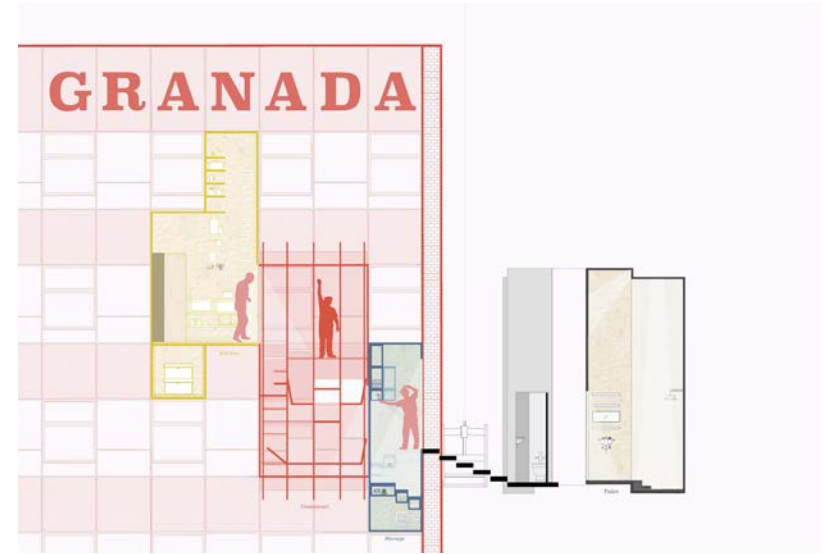
Chung Yan So: CHAMBER / Site Analysis



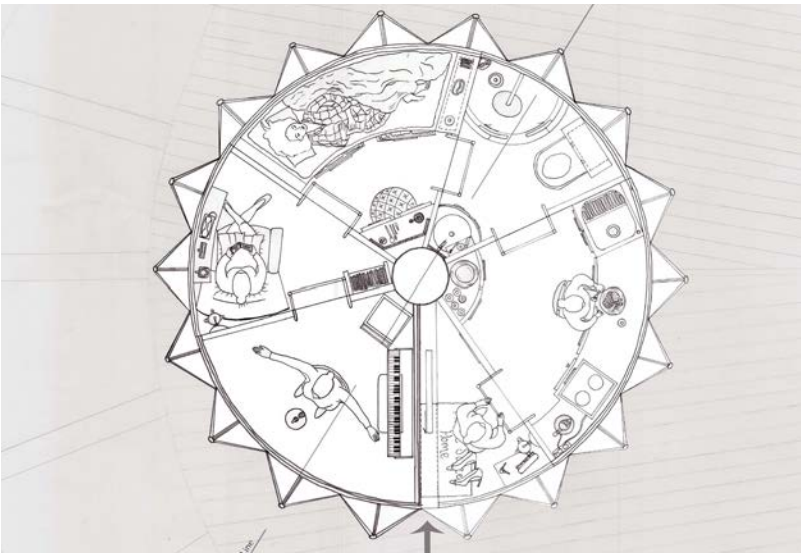
Radu Neagoe: FABRICATE/ Model Making Process



Jasper Cheng: STOPOVER / Photo collages



Jamie Loh: STOPOVER / Section



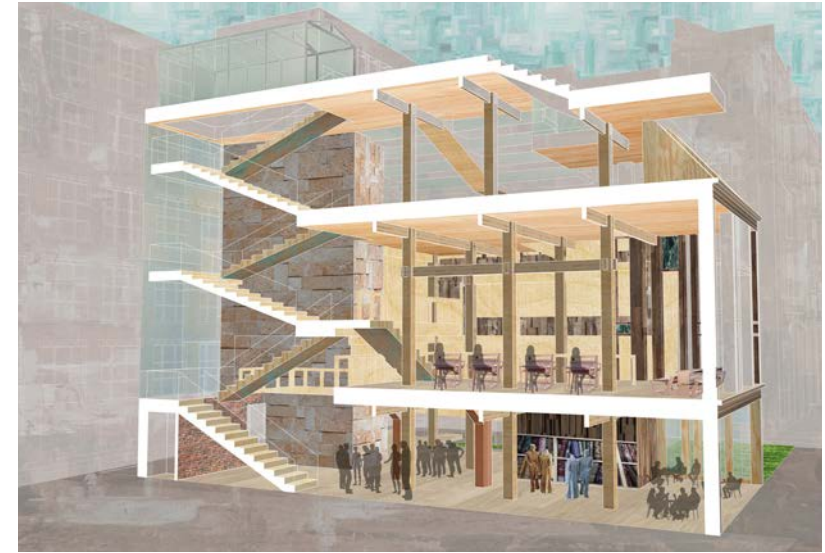
Rowdah Charbak: STOPOVER / Plan



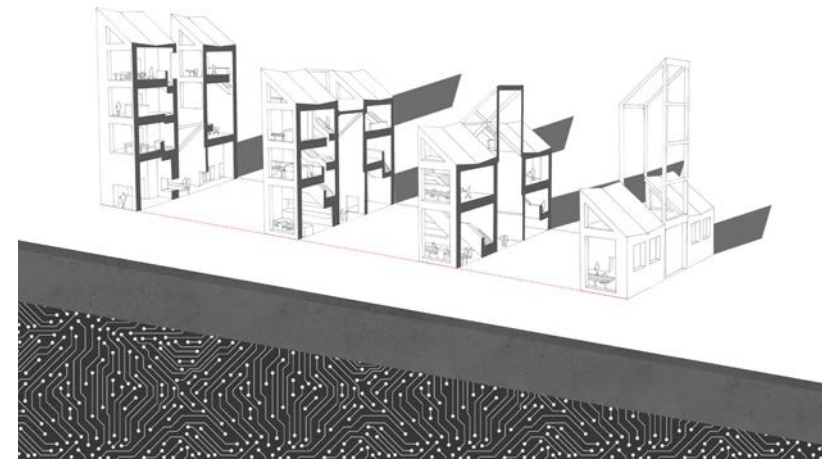
Amanda Lim: STOPOVER / Photo collage



Keta Silina : SITE/ PRODUCT PROGRAMME / Ergonomic Study of Manufacturing Longboards



Ahmad Hariz Bin Zahidi: EXHIBIT / Sectional Perspective of Songket MAKER/SPACE



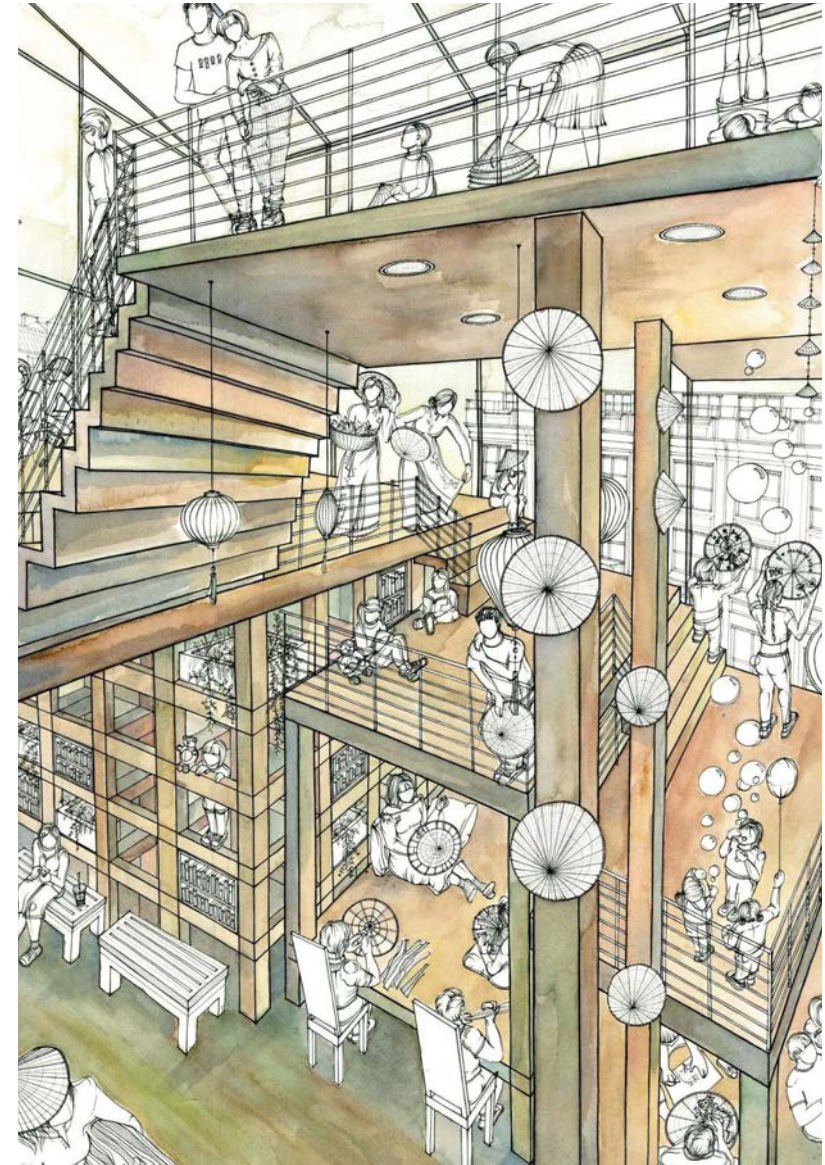
Christian Brook Barnes: EXHIBIT / Sectional Axonometric of Raspberry Pi MAKER/SPACE



Matt Norris: EXHIBIT / Section of Fake Tan MAKER/SPACE



Ke Ling Neoh: EXHIBIT / External Perspective of Labu Sayong MAKER/SPACE



Karolina Mylan Thuroczy - Internal Perspective of Vietnamese Conical Hat MAKER/SPACE

YEAR TWO

Coordinator

James Robertson

Staff

Neil Allen, Siobhan Barry, Rick Dargavel, Julie Fitzpatrick, Ashley Hunt, Carrie Lawrence, Ian McHugh, Claudio Molina Camacho, Dan Newport, Dragana Opacic-Wilkinson, Maryam Osman, James Robertson, Mathew Steele, Andy Wilde, John Wood

Teaching Assistants

Pranav Radhakrishnan

Studio projects

2.1 - Archetype / All School Project / Study Trip / Design Journal

2.2 - An Architecture Hub for Manchester / Events / Exhibit / Design Journal

Students in the second year of the BA (Hons) Architecture programme are uniquely positioned to be both retrospective and prospective in the undergraduate trajectory. They began the year consolidating and enhancing skills required for their first year, followed by increasing acquisition of knowledge in anticipation of the culture

and expectations of third year.

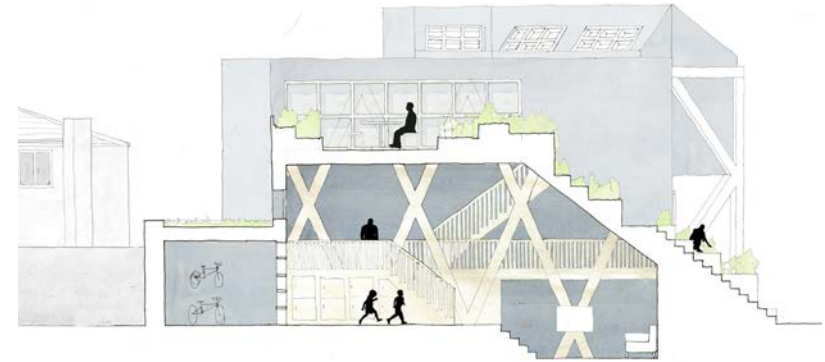
This year students have been tasked with two main architectural design projects in addition to shorter dynamic design activities. As in previous years, students' progression and experience of the architectural profession has been enhanced by the invaluable RIBA mentoring scheme. In addition, participation in the All School Project and Events offered collaborative experiences and contact with local practices. Students also benefitted from talks by practitioners, architectural writers, and those involved in construction projects, where topics such as typology, sustainability, design process and the realities of architectural practices were discussed, in addition to heritage and regeneration projects. Guests have included Anthony Campbell, Neil Allen, Phil Griffin, Nick Willson, Helen Walker and James Heather. The autumn term project encouraged students to explore and challenge typology through the design of a suburban semi-detached house located in Withington, South Manchester. This provided the opportunity to re-think a British archetype and to investigate how it could be updated to meet 21st century requirements by questioning its stereotypical characteristics such as construction method, form, layout

and functionality. Connections between programme, context, environment and daily rituals of inhabitation were made whilst considering ergonomics, atmospheric spirit, richness of material and sensorial experience. Towards the end of the first term, students visited Belgium to better understand the processes involved in the design of new public buildings and the connection to their context, and approaches to the re-imagining of architectural heritage, in Ghent and Brussels.

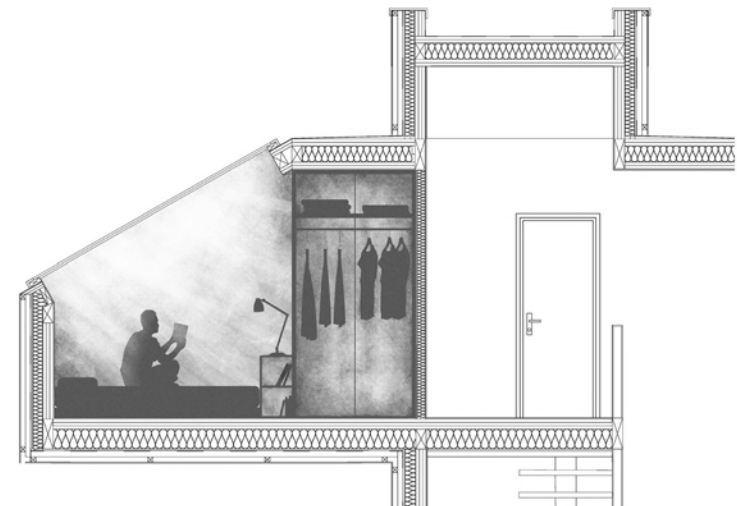
During the spring term students composed an architectural hub for Manchester on a challenging inner-city site adjacent to the former Mayfield Station, the area being a linchpin in the city's former, current, and future rail network. In doing so, students contributed theoretically to the area's physical and cultural re-awakening. Spatial composition and language, and dialogue with heritage and landscape were key to this project, in addition to the disposition of private and public spaces in a hybrid structure that united modular and long span spaces.



Eve Talty Sanghera - Archetype Axonometric



Joe Dunphy - Archetype Section



Reicela Zapevalova - Archetype Detail Section



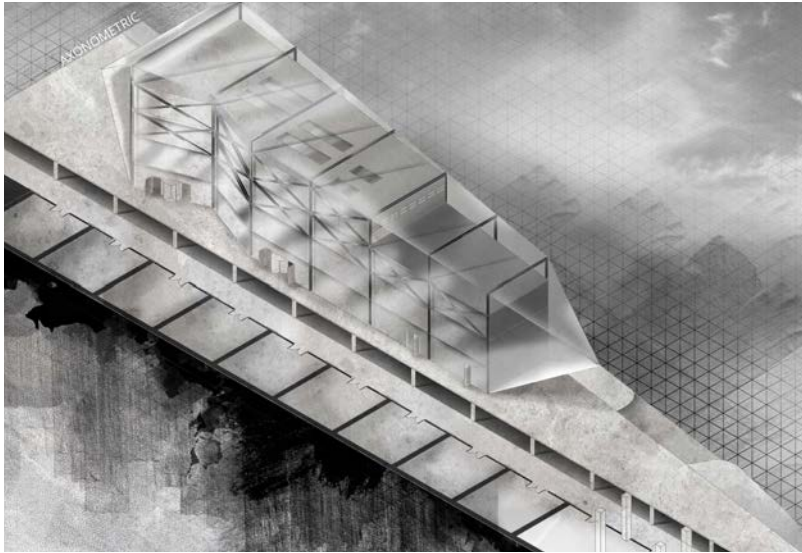
Max Frost - An Architecture Hub for Manchester



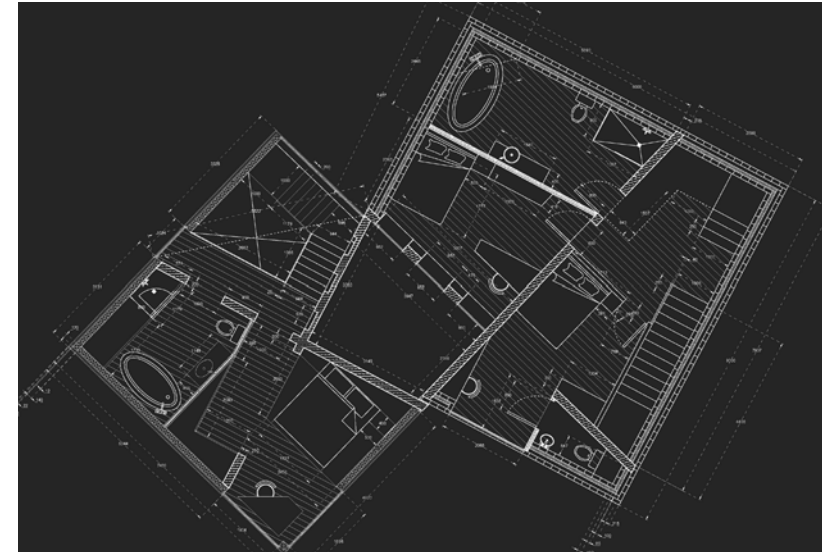
Reicela Zapevalova - Archetype Perspective



Joe Dunphy - Archetype Model



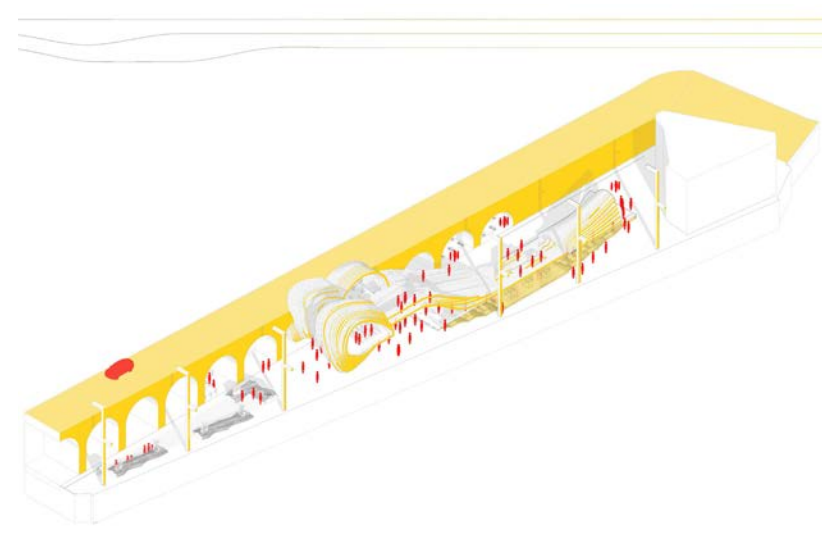
Sandra Janik - An Architecture Hub for Manchester.



Max Frost - Archetype Plans



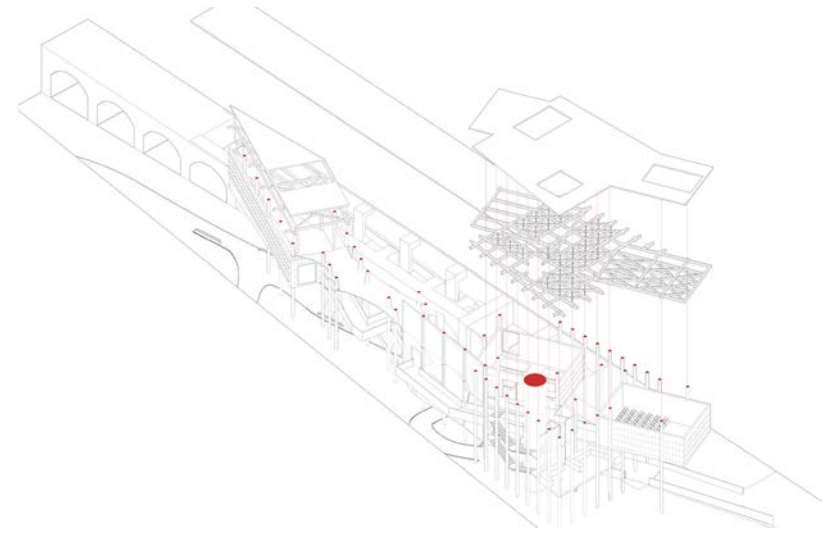
Catalina Nicoara - Subjective Response, An Architecture Hub for Manchester.



Georges Gedeon - An Architecture Hub for Manchester



Eve Talty Sanghera - Archetype Exploration Models



Vilius Petraitis - An Architecture Hub for Manchester



Georges Gedeon - An Architecture Hub for Manchester



Adriana Tomeci - An Architecture Hub for Manchester

YEAR THREE

Coordinators

Helen Aston
Stephen McCusker

Ateliers

Common Ground – Stephen Connah & Martin Lydon, Continuity in Architecture – Mike Daniels & Amy Pearce, INFRA. SPACE – Laura Coucill (semester 1), Richard Brook (semester 2) & Jack Penford-Baker, LOOP – Stephen McCusker & Rhiannon Hodgeon, PRAXXIS – Helen Aston & Sarah Renshaw, PLATFORM – Matt Pilling & Adam Blaney (with support from Matt Ault), USE – Becky Sobell & Christina Stuart

With special thanks to additional contributors to our Professional Studies & Studio Lecture Series

Orla McGrath (Urban Splash), Matt Cartwright (Twelve Architects), Jamie Ashmore/Emma Howard (HTA), Ben Aston (BFF Architects), Ernst der Horst (FCB Studios), Sue Emms (BDP), Pepper Barney (BIBO), Sophie Way (Hamer Way), Matt Osmont (Donald Insall Associates), CAUKIN Studio, Charlie Butterwick (Architecture Unknown), Eleanor Alexander, Gina Kirby, Jason Boyle, Kat Timmins, Kristin Mishra, Ventia Solly, Tom Prendergast, Maggie

Atanasova, Remi Phillips-Hood, Bismah Zafar, David Watkins (RIBA NorthWest), Dan Crellin (RIBA NorthWest), Sally Stone, Eamonn Canniffe and Dr Mark Hammond.

This year saw the introduction of new exciting studio ateliers to reflect the diversity of work being undertaken in the course. We opened with a Question Time debate for all students to challenge the atelier staff to some pertinent and political questioning. Throughout the busy year our students have engaged with design-led studio ateliers, humanities electives, and technologically driven case studies and mini-design projects. As an overall strategy, we have created a year-long learning environment which offers a rich and dynamic experience to create a supportive and informed experience that prepares our graduates to start their time in practice or undertake further study. Primarily, we ask the students at various stages in the year what kind of architect or creative practitioner they would like to be.

Each atelier run a year-long project with uniquely different briefs, challenging sites and distinct approaches ranging

from typological studies to feminist social engagement, exploring the historic fabric of a place to a live build project and from data driven redundant infrastructure to augmented experiences to the creation of resilient ecologies. We have shared year-wide ambitions, undertaken cross-atelier reviews to experience the cross fertilisation of the ideas and positions of others and, ended the year with atelier designed and built exhibition structures. The built exhibitions present the complex projects our Year 3 students undertake and has allowed us to come together collaboratively to celebrate the diverse and focused work that our students have achieved.

Part way through the first term all students are encouraged to attend a self organised study tour and in the second term each atelier also organised construction site visits, both complementing each atelier discourse and position. In parallel to all of this learning the year leaders run a professional studies lecture series which not only theoretically underpins the approach to the year but has been an outward-facing sequence of dialogues introducing students to different ways architects work and/or how they might use that skill set in other types of

practice. We have also unpacked CVs, discussed tactics for job hunting with previous graduates, looked at other ways of being creative with an architecture degree and projected positively towards future routes of post-graduate studies.

URBAN SPATIAL EXPERIMENTATION

Staff

Becky Sobell
Christina Stuart

Students

Camila Alvarado, Maria Andreescu, Segilola Apooyin, Joseph Brown, Tianmo Cheng, Thomas Cooper, Robert Crutchley-Macleay, Muhammad Hamza, Harry Hillcoat, Weng Lam, Jia En Lee, Anna Meerson, Samantha Millington, Eleanor Nurse, Giorgiana Padurean, Chitradevi Parandaman, Oliver Radcliffe, Jing Shao, Hayley Sheldon, Charlotte Stone, Riyona Varghese, Bagner Villacis, Daniel Walsh.

Thanks to

Andy Thomson; BCA Landscape. Daniel Kirkby; SimpsonHaugh. Emily McKay; Renaissance. Jenny Bedford; Purcell. Mark Cunliffe; BuroHappold. Peter Mitchell; Fielden Clegg Bradley. Rob Moore; Planit IE. Rob Van Katwijk; Dakakker. Vanessa Torri; Purcell. Wouter Bauman; Rotterdams Milieucentrum.

In 2017 entomologists in Germany published a study that recorded more than 75% loss of insect biomass over a 27-year period*. In response scientists around the world began to study other animal populations, only to discover similarly alarming statistics. It is now clear our responses need to respond to carbon emissions and loss of wildlife.

Climate change and loss of wildlife are problems that cast a large, and gloomy shadow over all of our urban design and architecture proposals. Facing these seemingly insurmountable global concerns is overwhelming – but in BA3 USE we take these facts as a starting point to inspire our projects, proposing practical steps to make positive change.

Our aim is to devise resilient designs that connect cultural and biodiverse natural systems for the benefit of both. We are interested in how wider green infrastructures relate to our site; how our site relates to our buildings; and how our technological approach relates to resources. Incorporating appropriate vegetation and resource conservation are key to resilient human life on our planet.

Our principles for the design of landscape and building are low tech, low embodied energy, minimal carbon and net biodiversity gain. Students have free choice of programme resulting in a diverse range of projects for our city centre riverside site. The results are a varied suite of projects which seek to improve Manchester's resilience, biodiversity, and wellbeing.

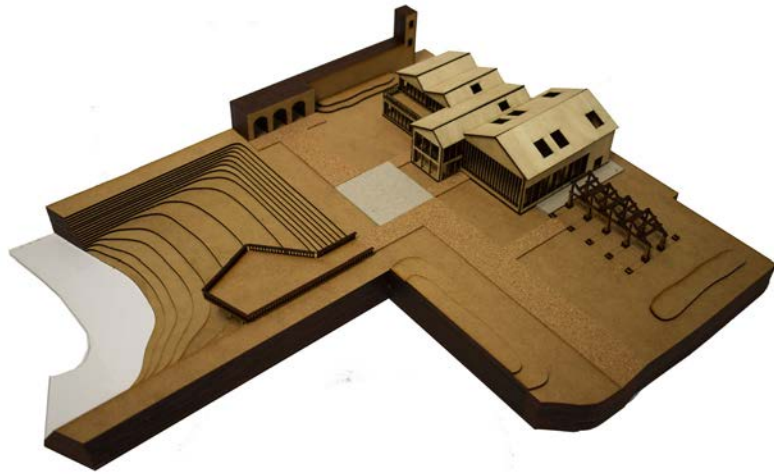
Each scheme is resolved in detail; often employing low-energy technologies. Every person is encouraged to develop their own style, means and interests, according to the limits set out by the briefs.

The results are a varied suite of projects which look to improve Manchester's resilience, biodiversity, and wellbeing; using the urban fabric to mediate.

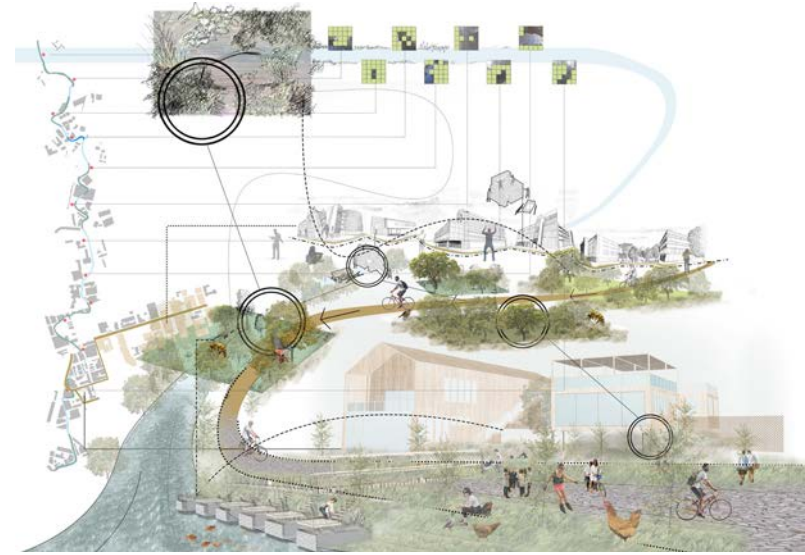
*Hallmann CA, Sorg M, Jongejans E, Siepel H, Hofland N, Schwan H, et al. (2017) More than 75 percent decline over 27 years in total flying insect biomass in protected areas. PLoS ONE 12(10): e0185809. [online] Available at: <https://doi.org/10.1371/journal.pone.0185809> [Accessed 14.08.2018]



Camila Alvarado - The Earth Hub



Bagner Villacis - The ReJunk Hall



Daniel Walsh - Safe Haven



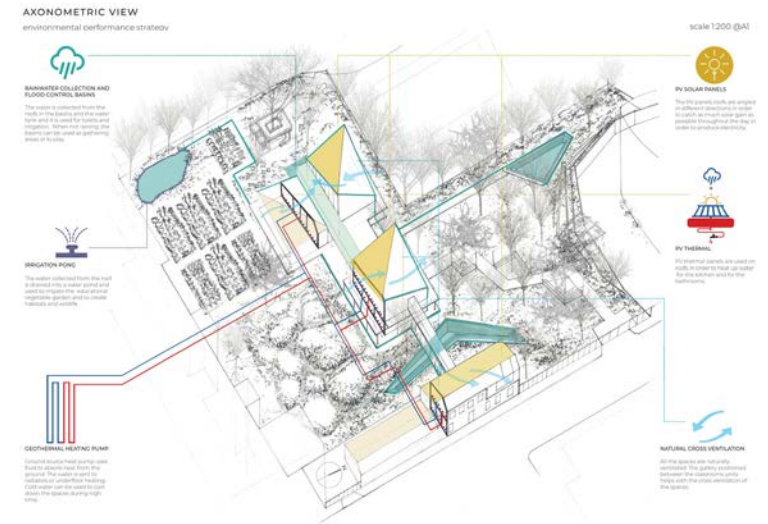
Joseph Brown - Tree Tops Daycare



Tom Cooper - New Living



Giorgiana Padurean - Environmental Learning Kindergarten



Giorgiana Padurean - Environmental Learning Kindergarten



Eleanor Nurse - Gaythorn Memory Centre



Maria Andreescu - Plastic Recycling Plus

PRAXXIS

Staff

Helen Aston
Sarah Renshaw

Students

Sarah Al-Ajeeli, Millie Barrow, Nikol Borisova, Paul Cedillo Mendoza, Renata Chatzistavropoulou, Joe Curtis, Emily Edwards, Yousra Kandil, Sun Min Kong, Leyli Kursun, Michelle Majalang, Maia Ojerinde-Ardalla, Mayed Omraj, Yuki Pan, Lina Pham, Oliver Porter, Tazeen Raza, Rowena Rowland, Caroline Strassenburgh and Becky Whitehead.

With special thanks to our visitors

Kat Timmins (PRAXXIS MArch and the Greater London Authority), Ben Aston (Burrell Foley Fischer Architects), Architecture Unknown and Caukin Studios.

PRAXXIS is a feminist research collective and a reformulated atelier at the MSA in both BA3 and MArch pursuing pedagogy and research within, and through, feminist architectural theory and practice, and has emerged and builds upon the last twenty plus years of teaching, building design and practice experience of Helen Aston alongside Sarah Renshaw, Emily

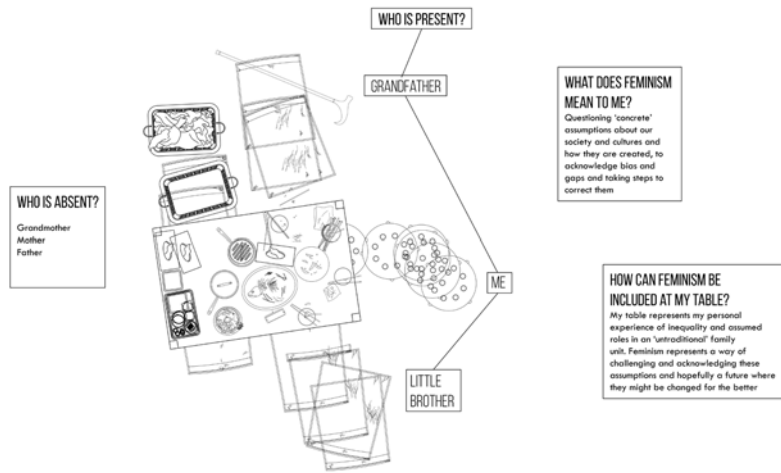
Crompton and Kat Timmins. We have asked the students to explore feminist strategies and tactics to move our discipline towards a fairer and more equal society. This year we have challenged the students to construct their own agenda and develop forms of practice whose aim is not just a building but a tool to transform the social, political and economic conditions of a place.

PRAXXIS has created a critical platform where process, methods and products are tools themselves. We will use feminism and its political, ideological, and social movements to explore inequalities in society and how they manifest in the built environment. Initially, students created a series of theoretical architectural practices, which enabled them to explore alternative forms of spatial practice - emergent individual projects but with shared common goals to define, establish, and achieve political, economic, personal, and social equality.

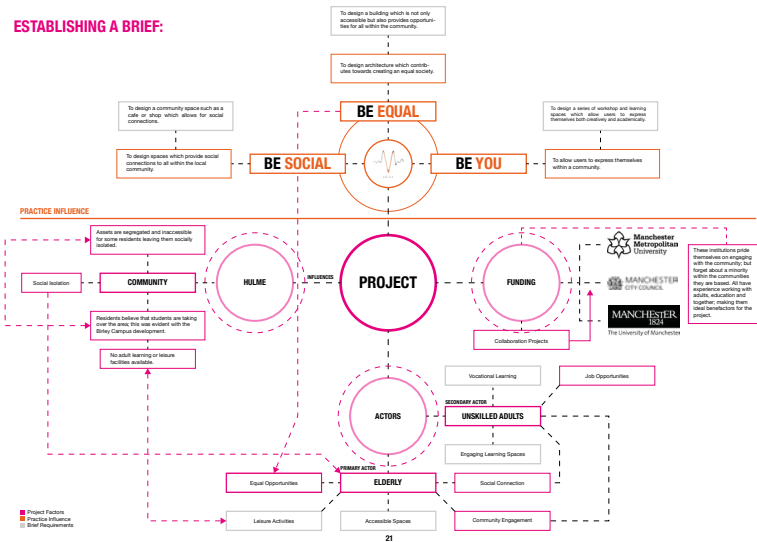
We have aimed to use these Feminist Design Tools such as Feminist Theories, Dialogues, Interruptions, Interventions and Participatory Tools to create projects which explore issues such as social, environmental + economic

inequity, intersectionality, having a voice, democracy, leadership + representation, economic freedom, childcare + care, access to education, workplace politics, sexual politics, choices, body politics, gender politics, and role models. The BA3 PRAXXIS atelier worked as a parallel collaborative architectural platform to the MArch Year 1 students on the old Hulme Library to collectively investigate, interrogate and test design processes, which involved in participating and engaging in the public and civic realm. All projects have an element of building re-use which has been an additional challenge for our year 3 students this year.

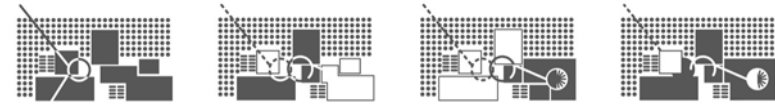
The legacy of materials used in our exhibition will be reused into other constructed spaces projects, and the knowledges shared will continue beyond our students in practice. PRAXXIS encourages robust and open discussions, and we are interested in projects which are both personal and political. Our overall aim is to create places shared between people of all ages, abilities, attitudes and occupations.



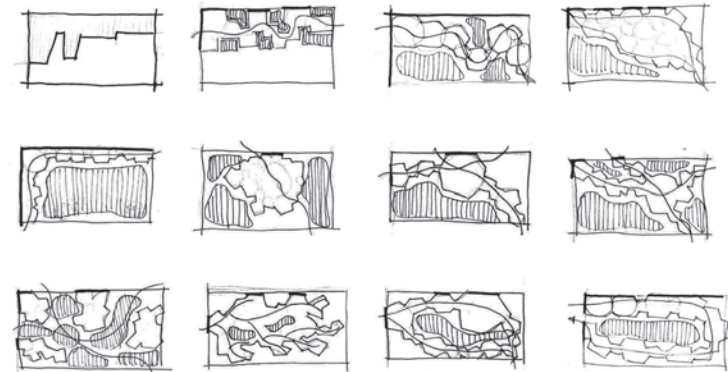
Who is around your table? - Yuki Pan



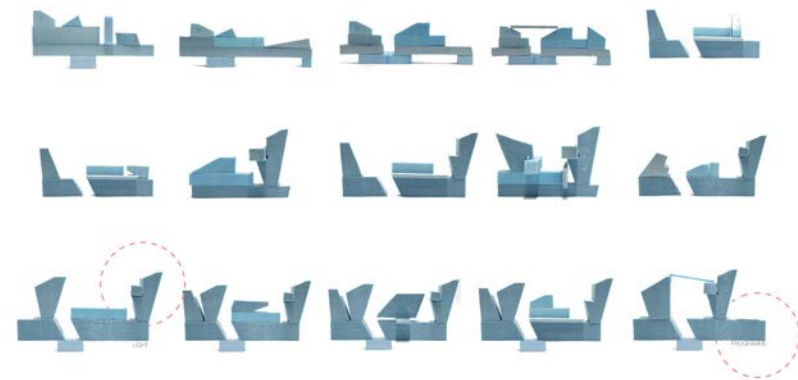
Establishing the brief - Joe Curtis



Diagrams - Yuki Pan



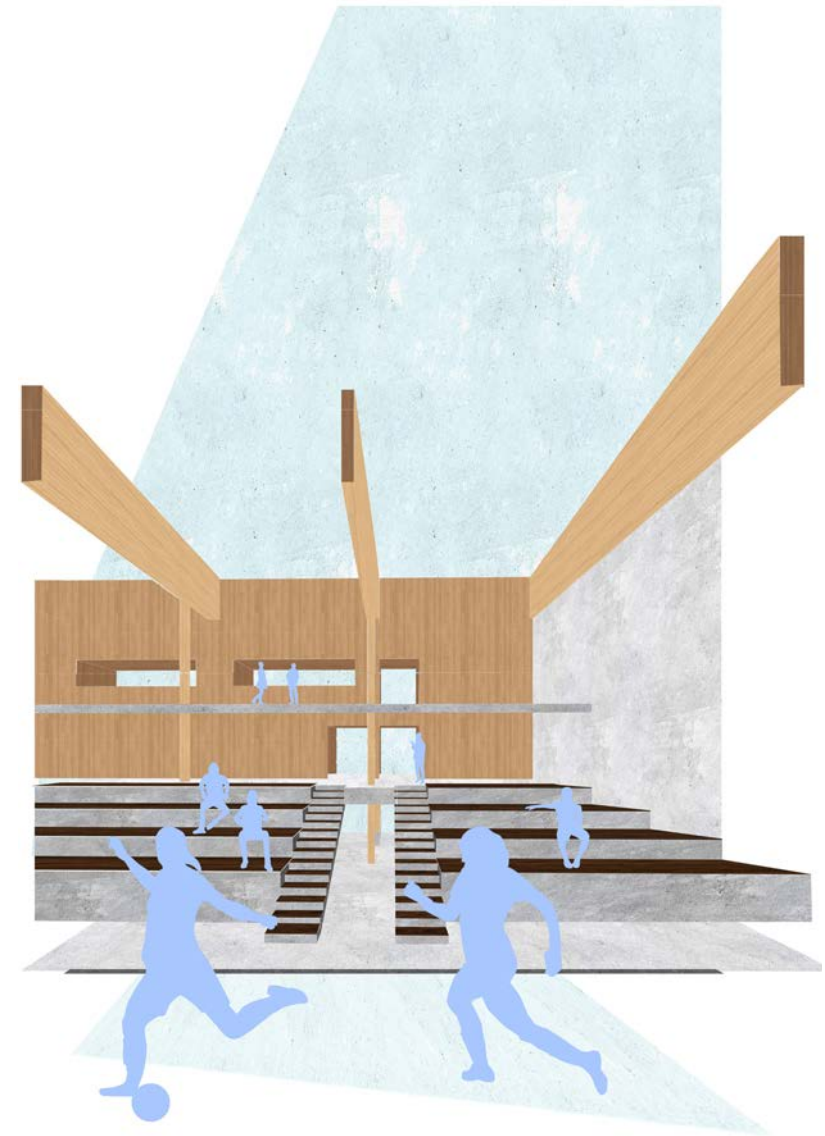
Access + Form Study - Youyra Kandil



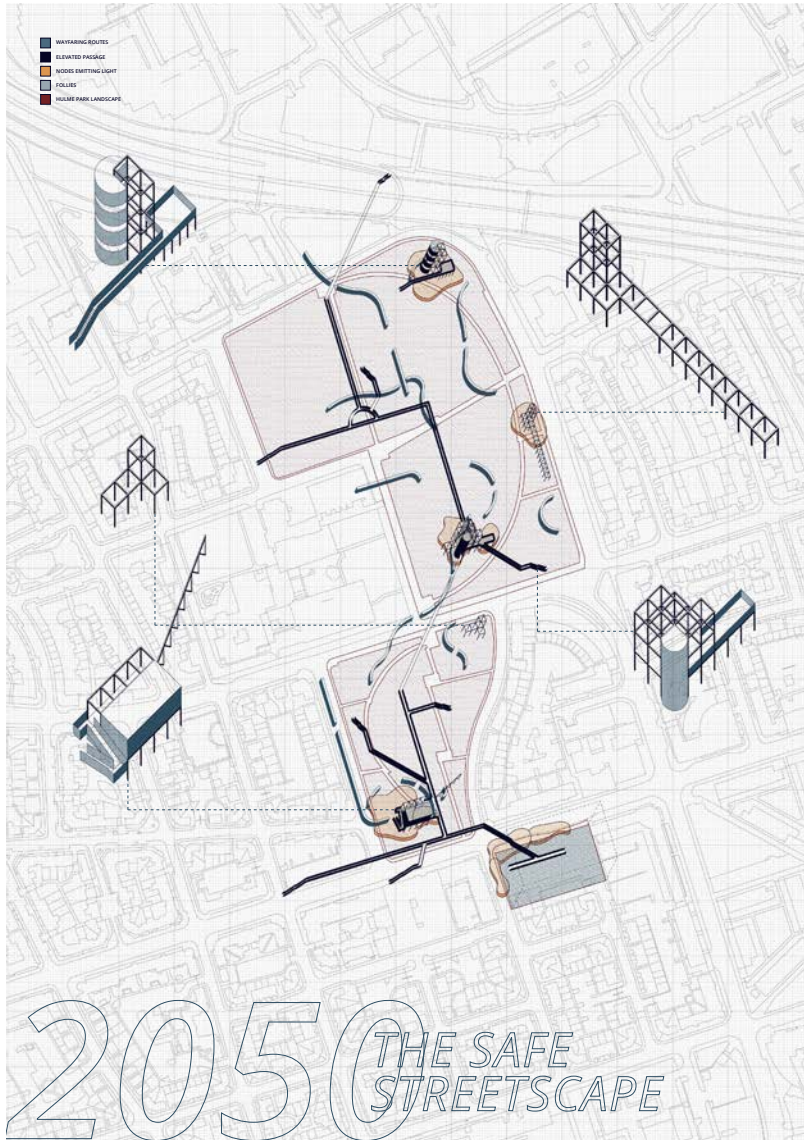
Exploratory Massing Models - Taz Raza



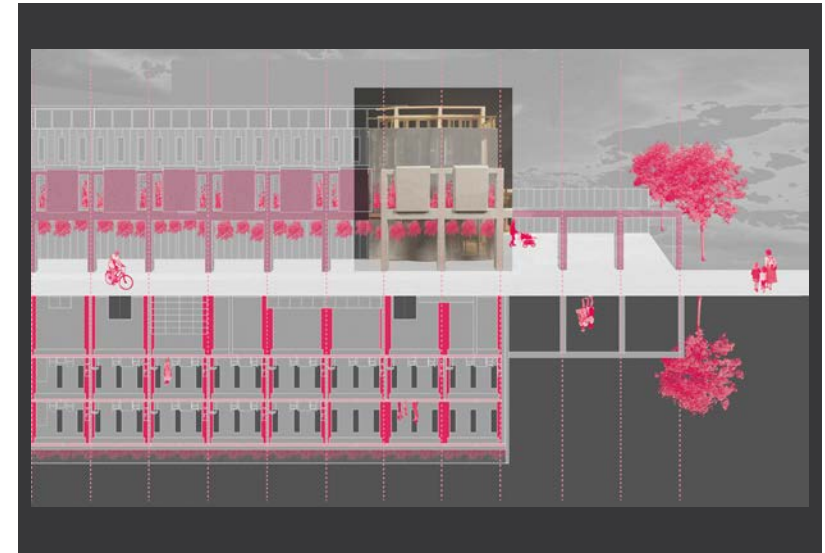
Praxis Poster - Millie Barrow



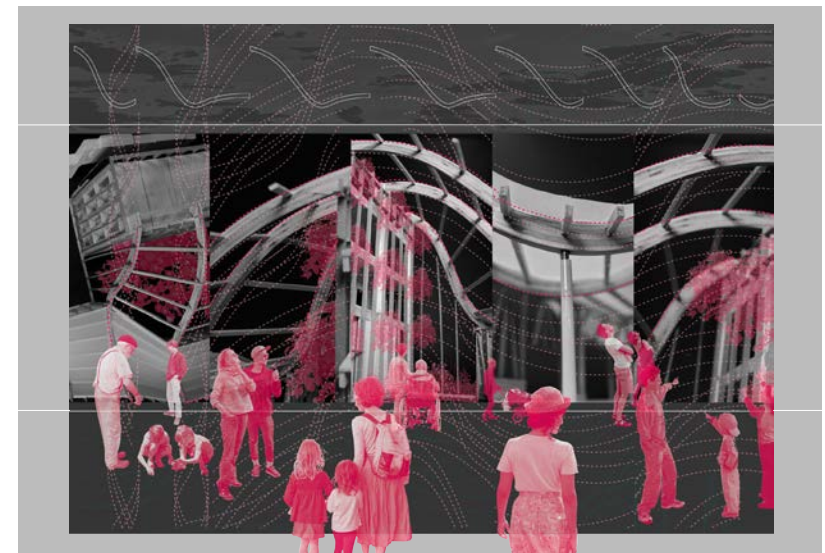
Hulme Footballscapes - Oli Porter



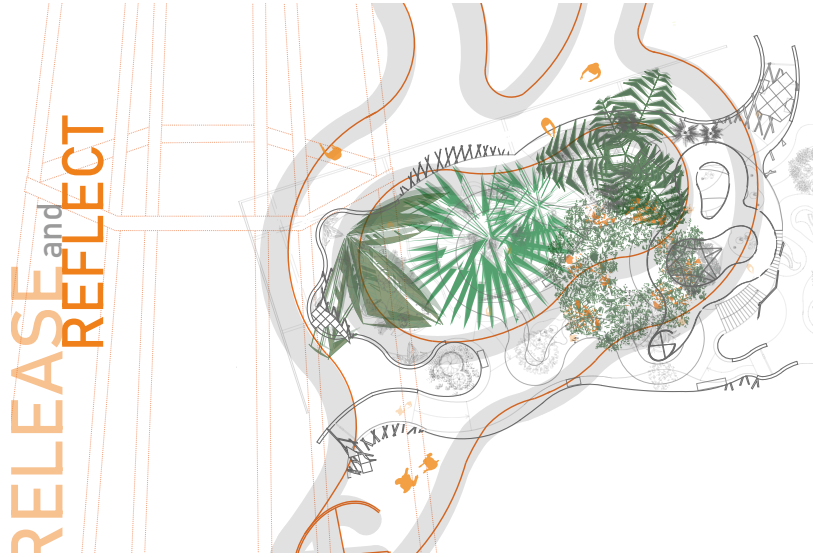
The Safe Streetscape - Becky Whitehead



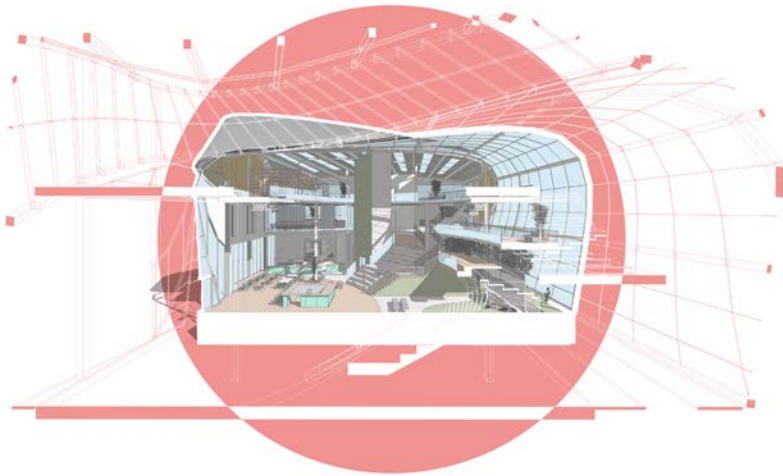
Rethinking Typologies - Em Edwards



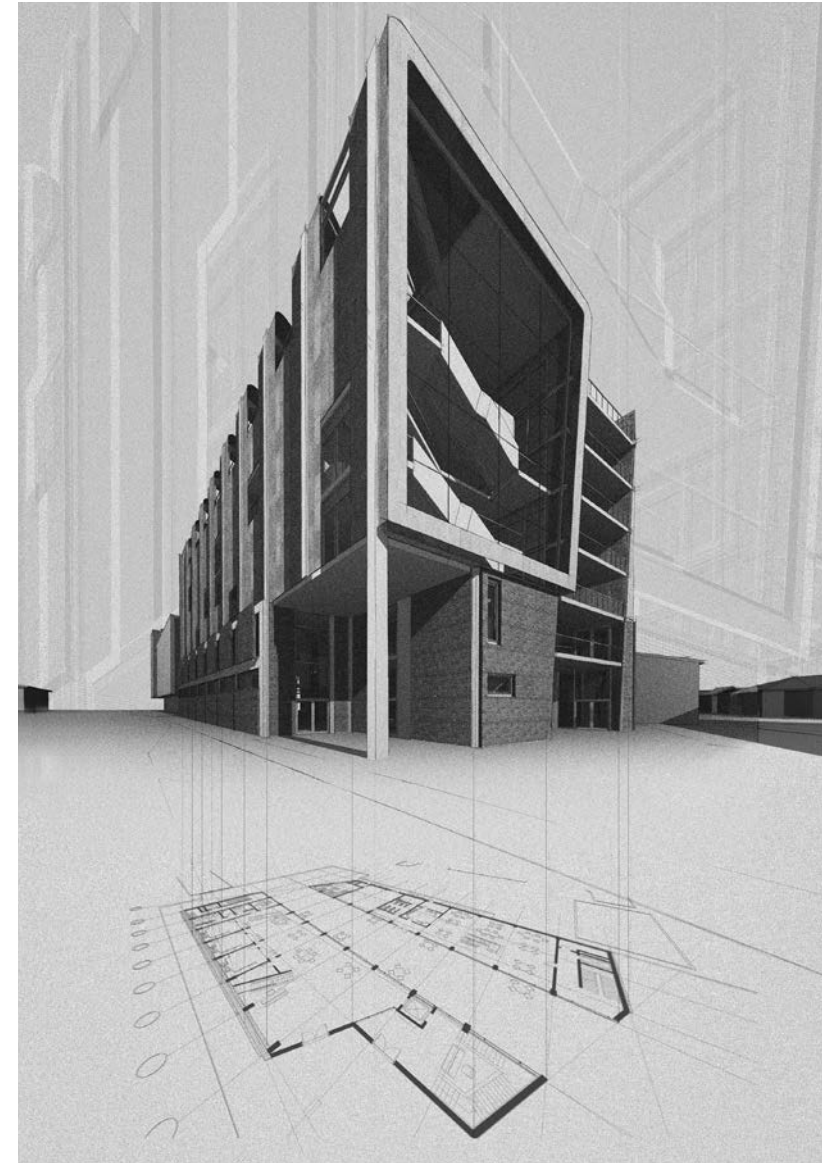
The Canopy - Em Edwards



BIOM15 - Rowena Rowland



Hungry Hulme - Michelle Majalang



Beyond Food and Shelter - Paul Cedillo

PLATFORM

Staff

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Matt Pilling
Adam Blainey

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Platform wishes to thank

Francesca Froy, Bartlett School of Architecture, University College London; Annie Shaw, Manchester School of Art; Jack Thomas, Manchester School of Art ; John Bridge, Studio John Bridge; Mariia Pashenko, Prior and Partners; Florence Collier, Humble Bee; Tom Dobson, Hawkins Brown; Mark Collier, Laing O'Rourke; Reece Singleton, Laing O'Rourke; Chris Oates, Building Design Partnership; Jim Backhouse, Scott Miller, B.15 Workshop; Sam Meech, Manchester School of Art; Genevieve

Marciniak, British Council in Venice; Lucia Pedrana, European Cultural Centre, Venice

Platform is an architectural design research group with ateliers in the BA Architecture and Master of Architecture programmes. The atelier is conceived as a think tank and test bed. It is a platform for research via experimentation by design. Ideas, theories and design methods are tested, investigated and interrogated via architectural design propositions- tectonic interventions in the contemporary city that are positive, restorative and equitable.

All design projects are integrative and holistic in their consideration and approach, each engaging with contemporary design methods, contemporary material (and immaterial) systems. The programmatic brief provides a context or testing ground for design research relating to the broad practice of architectural design and its production and delivery, within the various contexts and ecologies with which it interacts.

Manchester's Contemporary Textile Industry

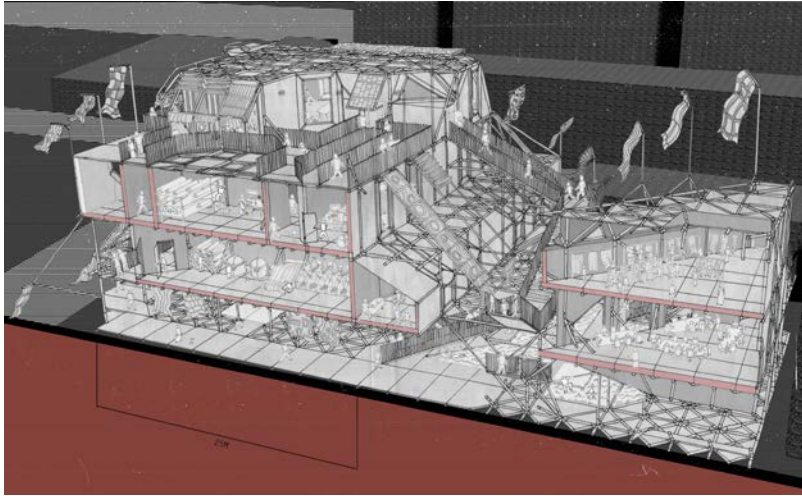
The design research vehicle this year was a small fabrication or manufacturing/ production space with an associated installation/ exhibition venue and supporting ancillary spaces situated in the context of Manchester's well-known heritage in textile manufacturing and also engaging with its lesser-known but thriving contemporary economy. The success of the city centre as an attractive and sustainable place to live provides impetus for the conversion of industrial buildings and spaces into residential use- profiting from textile heritage, whilst, at the same time, displacing and dispersing those economies and industries from the close proximity on which they depend.

Design Methods

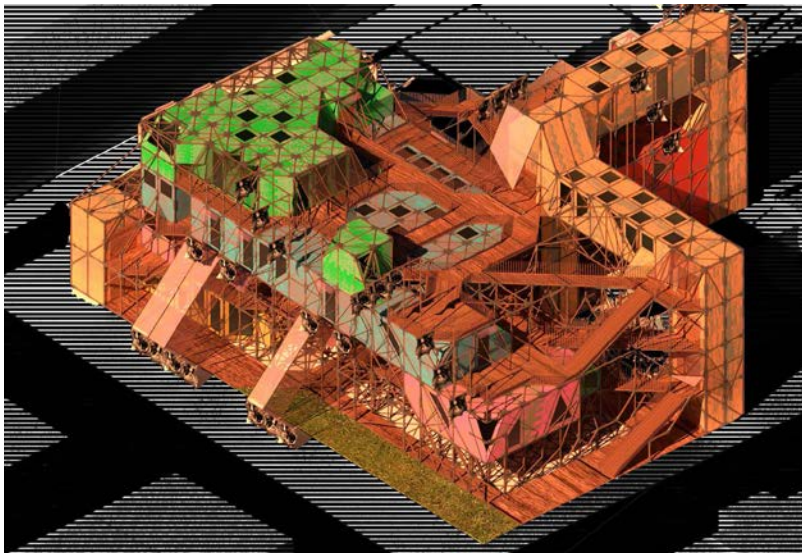
Students employed observational and experiential techniques to explore the context of Ancoats and New Islington. Design work began with experimentation in physical and digital modelling, computation and algorithm aided design techniques to design architectural installations as a point of departure for developing comprehensive building

design projects. Generative design methods included simulations of fabric membranes, rhisomatic growth patterns and flocking. Material studies included paper origami, molten sugar, weaving and knitting techniques and digital fabrication of waffle structures.

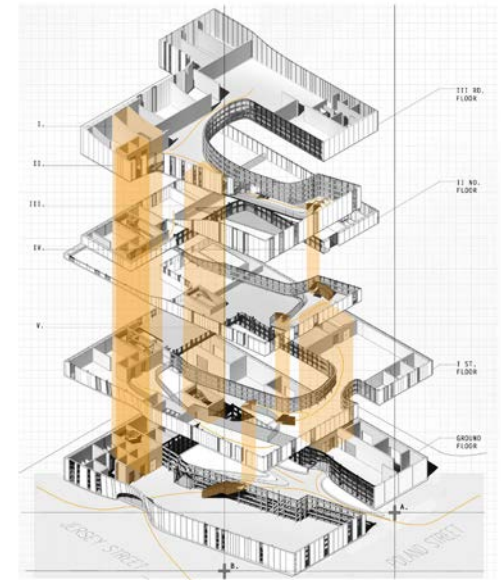
Students participated in innovative workshop collaborations in architectural scale knitting with Manchester School of Art, Victorian cork modelling with B.15 Modelmaking and an augmented reality installation at the British Pavilion, Venice as part of an atelier symposium at the 2018 Architectural Biennale.



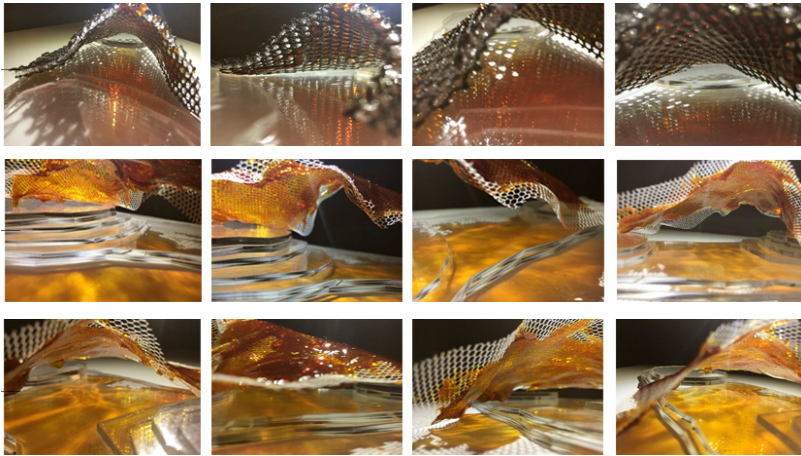
Adam De Vere - Spiritual care, mindful design and reality engagement



Adam De Vere - Spiritual care, mindful design and reality engagement



Iulia Tenea - Morpheus gallery and factory complex- context studies and general arrangement



Julie Lekve - Spatial and morphological studies in sugar



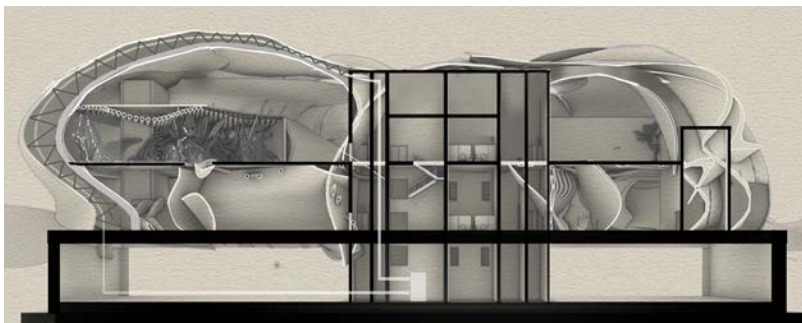
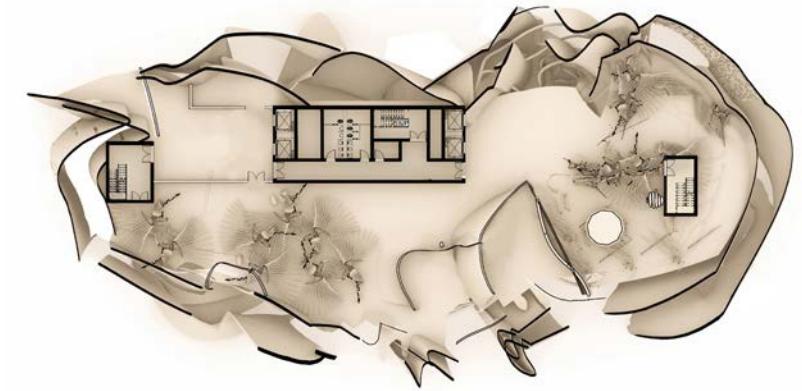
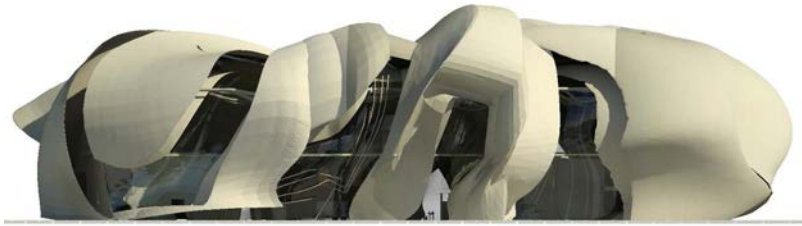
Joby Barret - Lighting and materiality study



India Mitchell-Jarvis - Lighting and materiality study



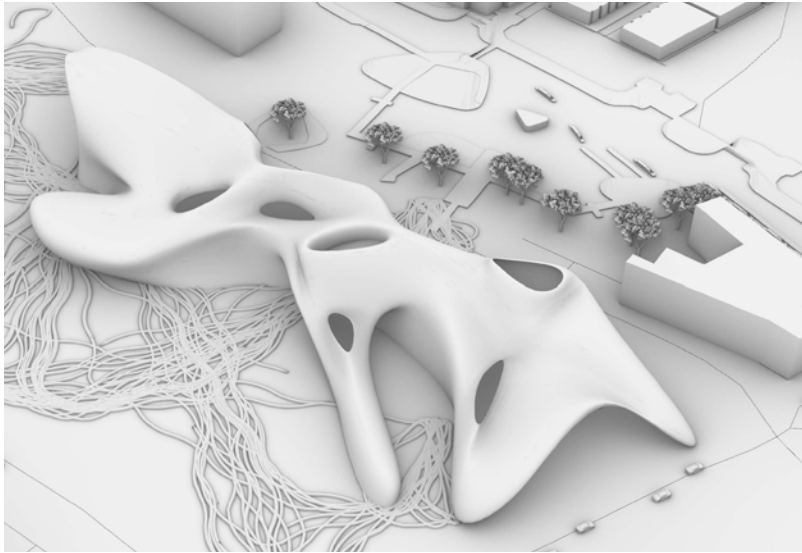
Theo Ploutarhou 'soft' installation, Noor Nahan Majid facade shading studies



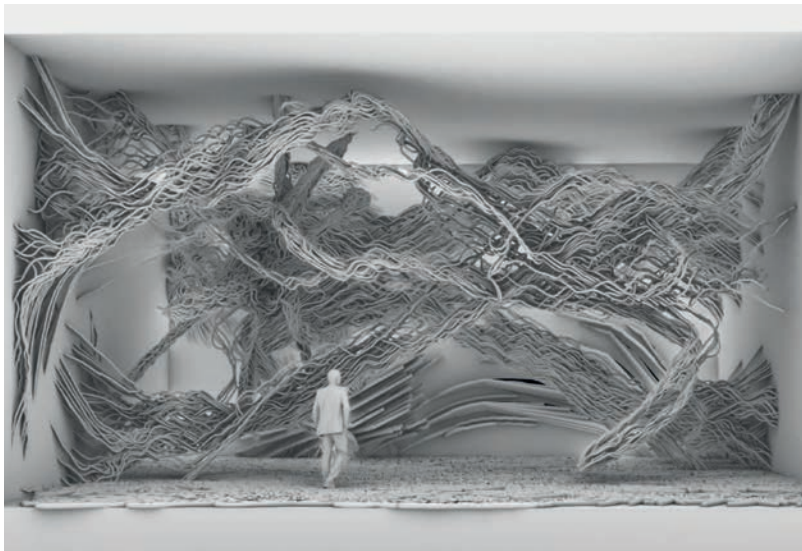
Ioana Lordache, 'GRONA' - textile development lab and clothing atelier



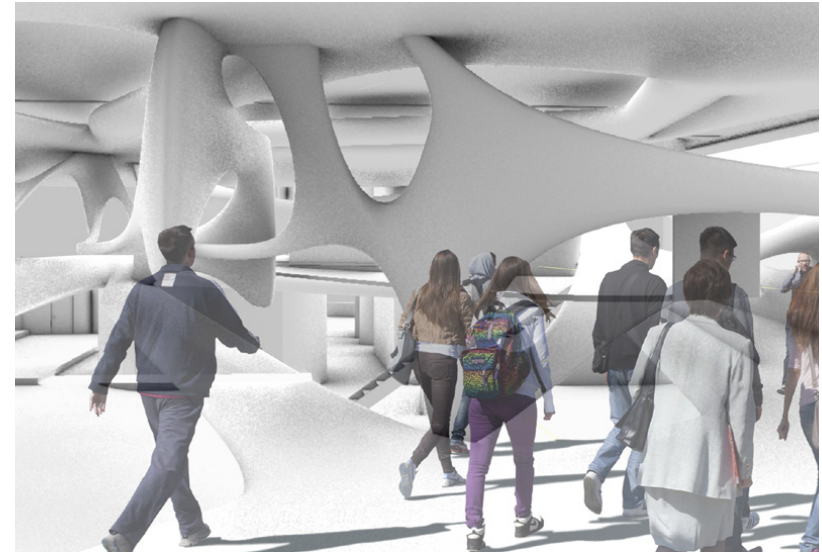
Ioana Lordache - Spatial and morphological studies in digital simulation



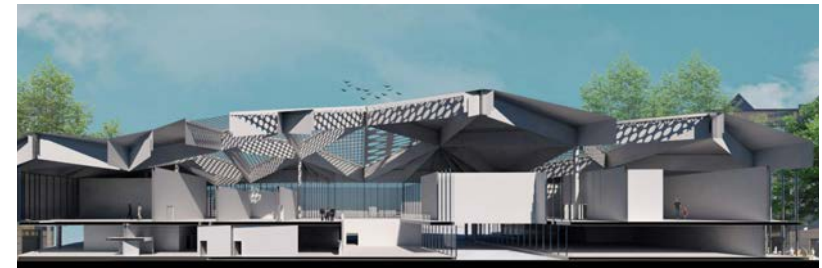
Raymond Lwin Oo - 'Slime' project, applying simulated growth processes to architectural design



Raymond Lwin Oo - Installation studies exploring digital simulations



Alexandra Cosmina Albu - FIBERSPACE Mill



Tadiwa Sam Mashiri - SHINDA Fabric Gallery

LOOP

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Rhiannon Hodgeon

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With Special Thanks to

Neil Allen (Loop Systems Founder), Pepper Barney (Bibo Studio), Bridget Collin (illustrator & Artist), John Cunniffe (AHR Architects), Prof. Tom Woolley, Stretford Arts Collective (SAC32), Kingspan, Loop Systems Co-operative, Trafford Council, Friends of Victoria Park & TRADA (Timber Research and Development Association)

Our new atelier set out to explore projects emerging from student-led engagement with partners from beyond our educational establishment through links established via our practice partner (Loop Systems Ltd – An award-winning architects co-operative). Using real practice scenarios, with a real client and budget, we exposed the students to manufacturing, testing of details and in the first 7 weeks collaborated on a design commission with Stretford Arts Collective (SAC32) to enable an exhibition at the end of November 2018. The students presented us with their ideas, costed up options and learnt the importance of budgets, how to work in small teams (and then in big teams), how to value mistakes, how to communicate ideas to real clients. They explored how to use timber (our starting point for everything) or other materials when it was appropriate, how to put a production line in place and how to meet a real deadline – on budget.

These experiences and skills fed into their individual projects and narratives; working in the same region of Trafford and parallel to the ongoing Victoria Park Community Café as part of our extended live practice. By drawing (and redrawing) on these, our team of students developed alternative projects

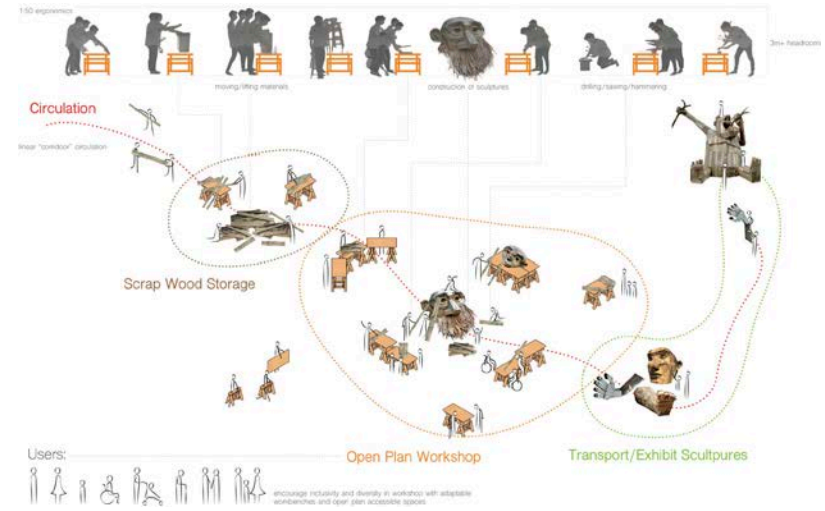
involving sushi, cats, dogs, star-gazing, gardening, sitting, walking, overlooked opportunities, making, infusing, dyeing, playing, printing, baking, talking and sharing that range from small, intricate, self-build scenarios to larger community engagement and exhibition activities; all inspired by the context, people and activities we've been exposed to over a period of months.

Everyone created a story of their journey of thinking and testing with support from our graphic/illustration experts and our team of experienced designer-makers. After a visit to Kingspan's SIPS factory and a hempcrete workshop, we've finished the year by re-visiting the exhibition stands and taking on client feedback (They've had to apply for 'planning permission' to adapt them) and we've re-used them in the end of year show – it's the 4th exhibition they have featured in and they were only made in November!

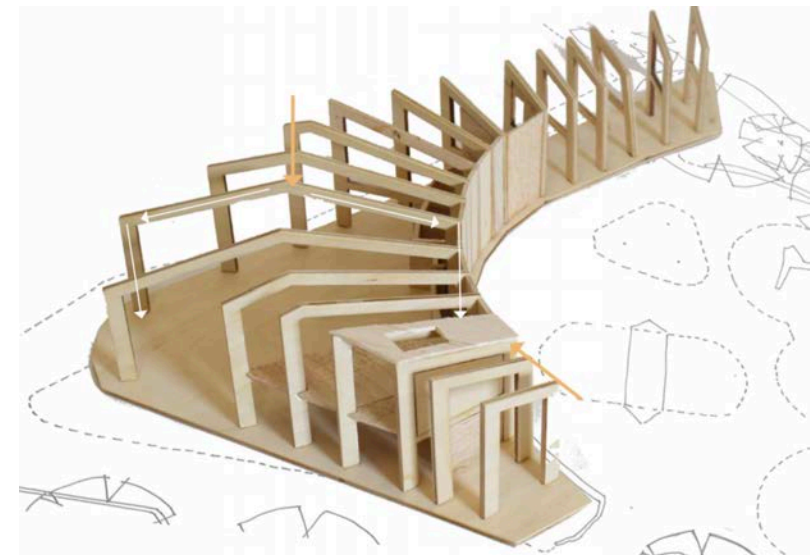
In the same way that the exhibition stands will have a longer life in future exhibitions or as part of the scenery for the Stretford Children's theatre, so too will these ideas and project feed back into the ongoing work in the park.



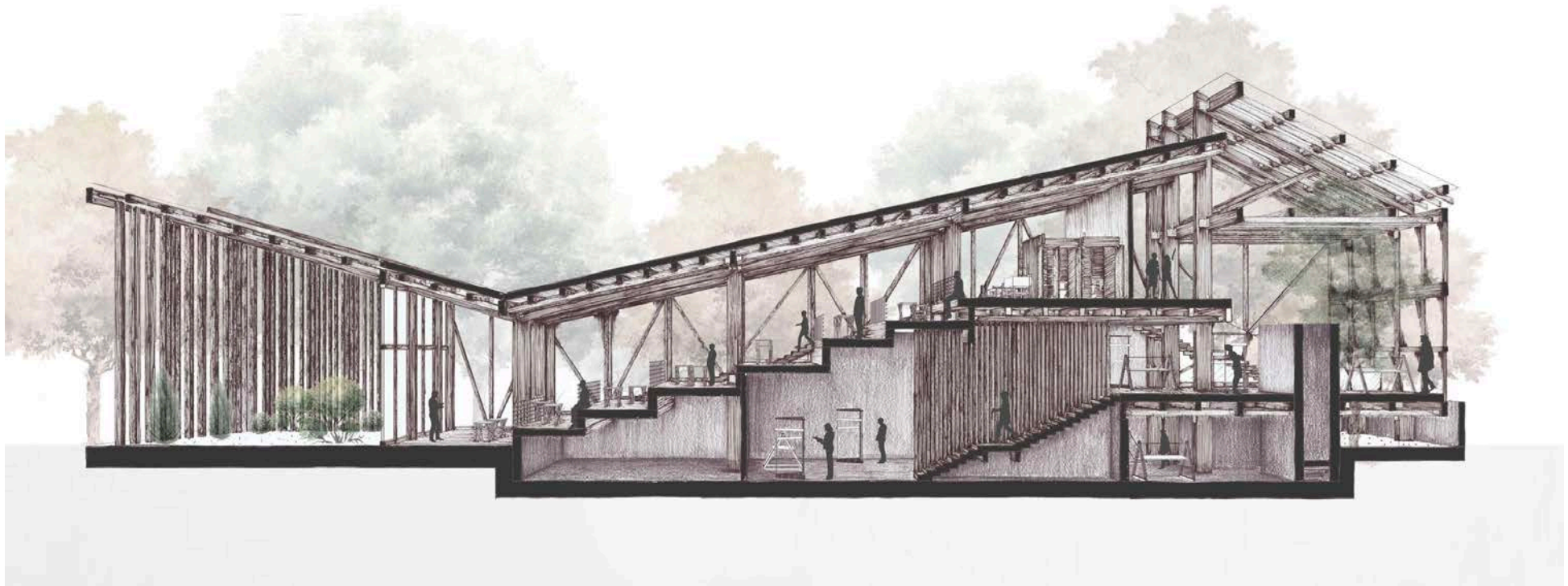
Team L.O.O.P. at SAC32 Movement exhibition, Stretford Public Hall



Project diagram - Max Tillotson



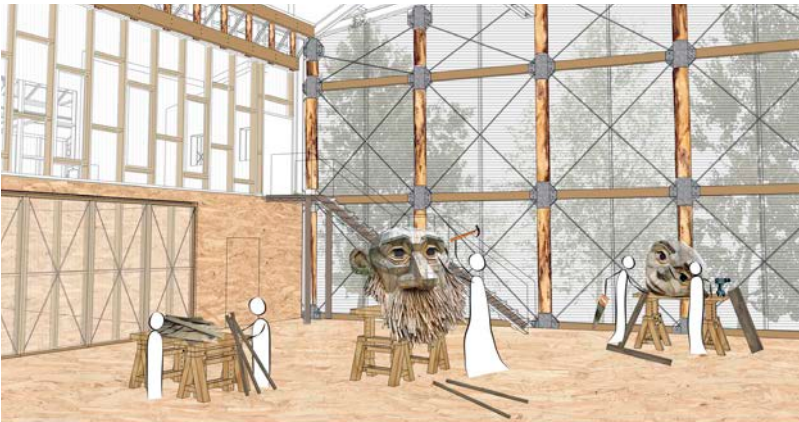
Structural model - Mayte Alvarado Munoz



Timber Workshop - Mohamed Harfoush



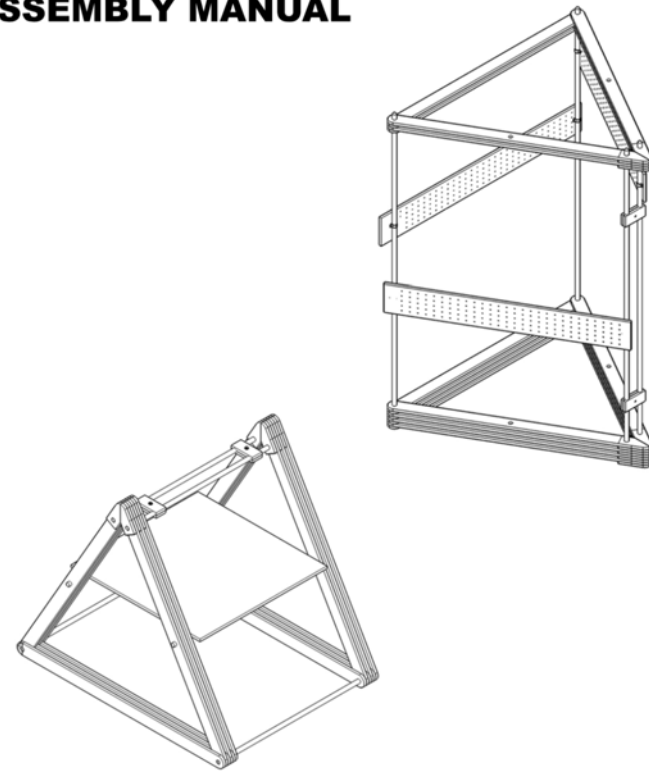
Screen printing in context - Hannah Byrom



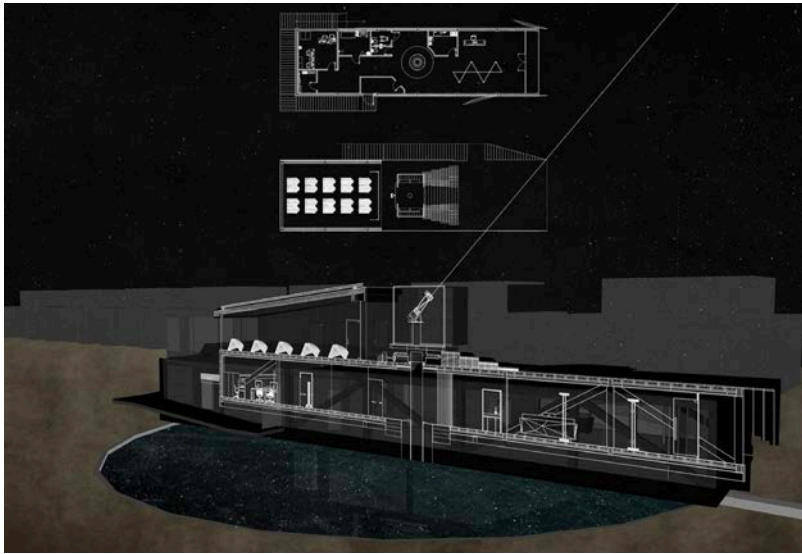
Self-build Workshop - Max Tillotson

TRI STAND

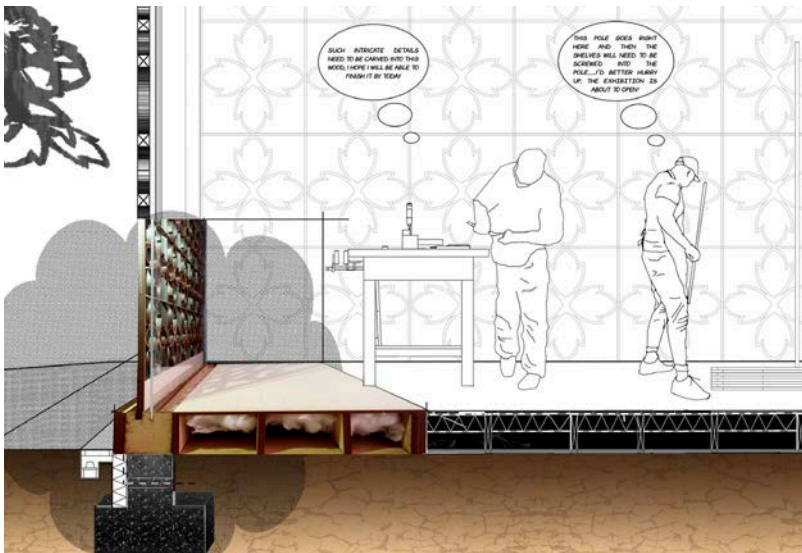
**LOOP FURNITURE
ASSEMBLY MANUAL**



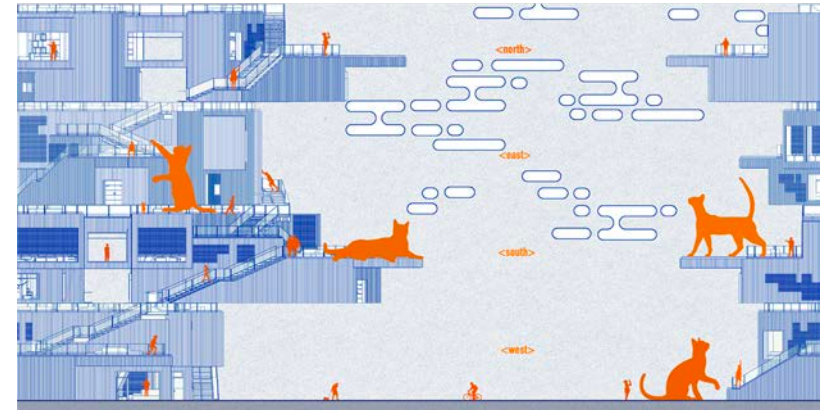
L.O.O.P. Exhibition Stand Manual



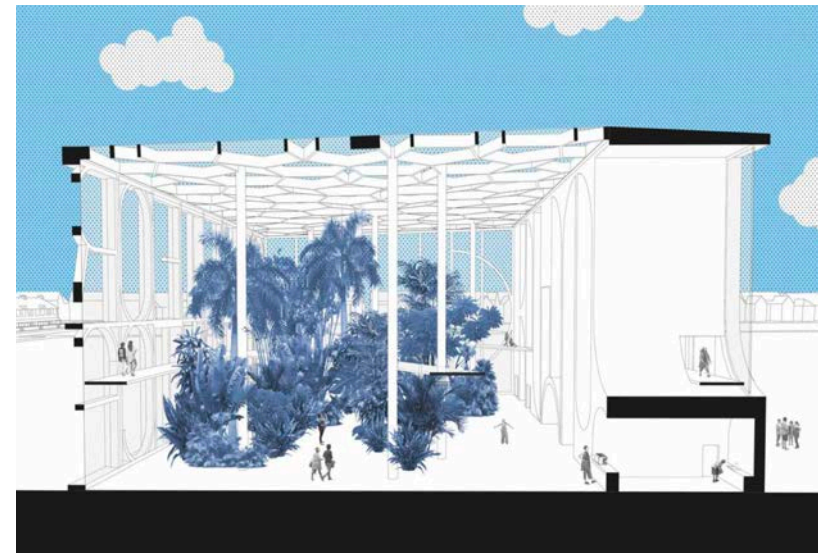
Stargazing observatory - Aidiel Bin Ahmad Shukri



Workshop details - Iman Ibrahim



Cat Cafe - John Dollosa



Winter garden - Daryl Quayle

INFRASPACE

Staff

Dr Laura Coucill
Dr Richard Brook
Jack Penford-Baker

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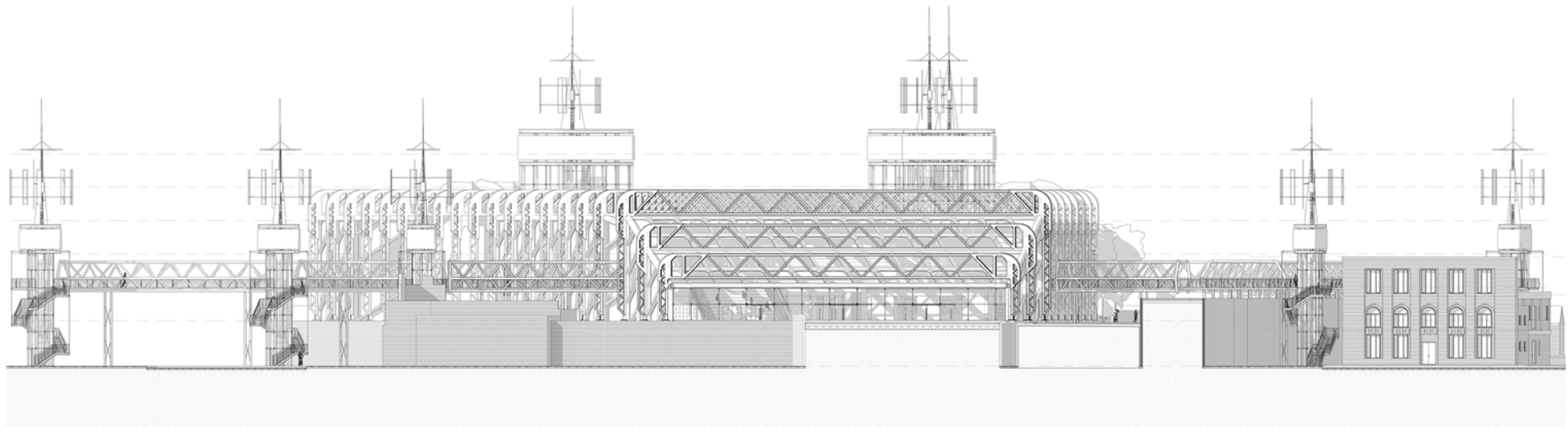
Our interest is in space: the field in which buildings are situated. We are interested in the social, economic, political and environmental frameworks that underpin the operation and performance of this field and inform architectural and material interventions made within it. Our other interest is in infrastructure: physical and digital, edifices and networks, which exist as visible and invisible components with the ability to activate space. To this end, we are interested in the latent value of space;

specifically the design actions that can reconcile the speed of technological change with value. The atelier is informed by the exploration of past conditions and precedents with a view to challenging field conventions and exploring alternative possibilities, using architecture as a tool. We are interested in polemical propositions and designing near-future spaces.

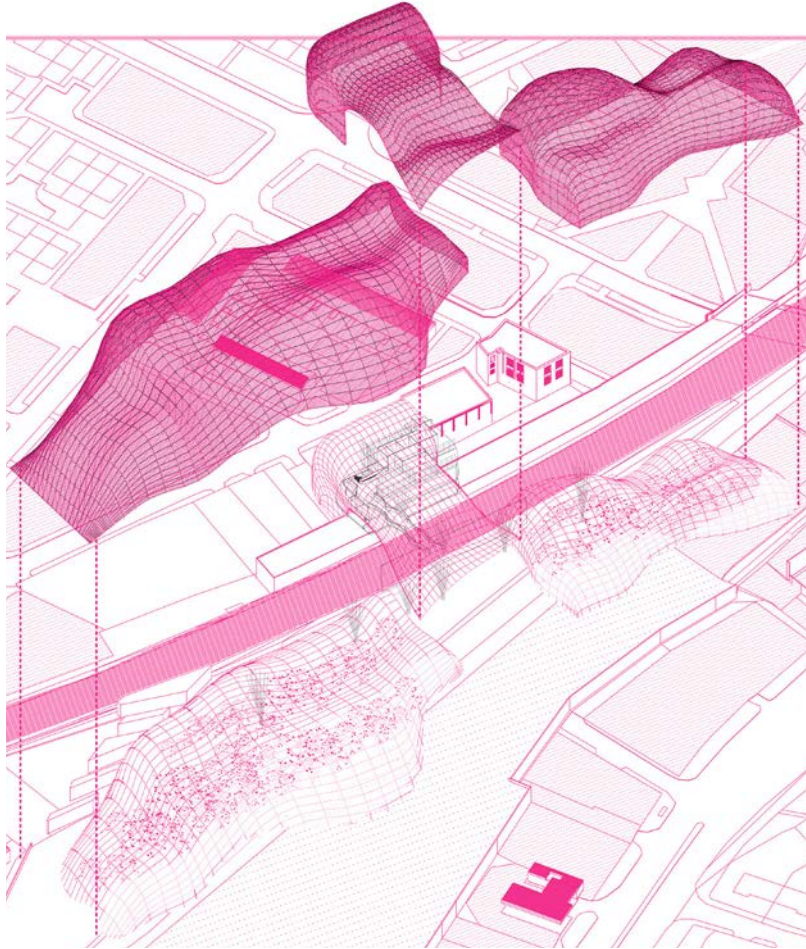
This year our site was in Collyhurst and contained within its boundaries are a telephone exchange and a partially redundant railway viaduct.

In the case of a telephone exchange, silicon chips now do the job that was once aisles of rack mounted hardware. Space is freely available. Other infrastructures leave apparently fixed and unusable space, such as their physical scale when operational - the railway viaduct is one example of this. Value is not limited to ideas of finance. Value is ascribed in manifold contexts. In their projects, students have engaged with notions of value in relation to heritage, culture and community. These various conditions of value are critically associated with their understanding of rates of technological change and its spatial implications. We are asking how maximum value can be extracted

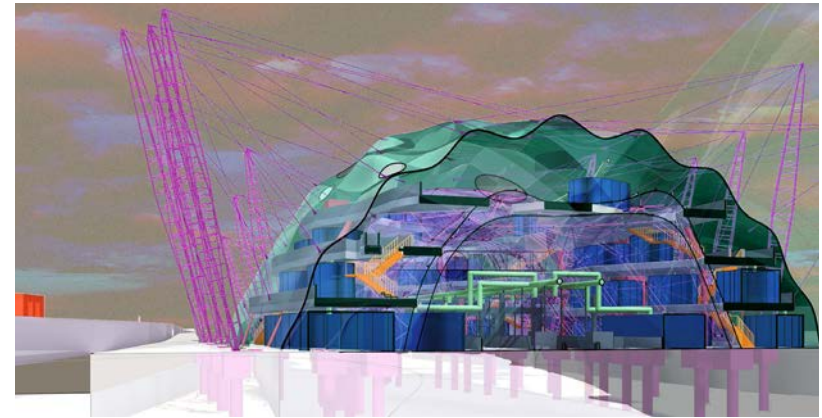
from a space that appears to be technologically obsolete? Time is one crucial consideration in this equation and the project outcomes consider sustainability (in its widest sense) in relation to duration.



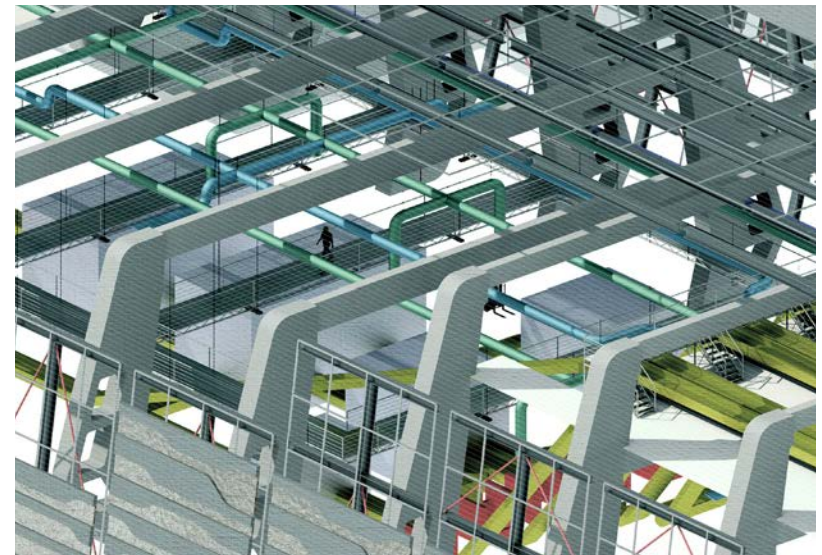
Felix Exton-Smith – BT Collyhurst Campus



Maria Kinash – Symbiotic Datagrowth



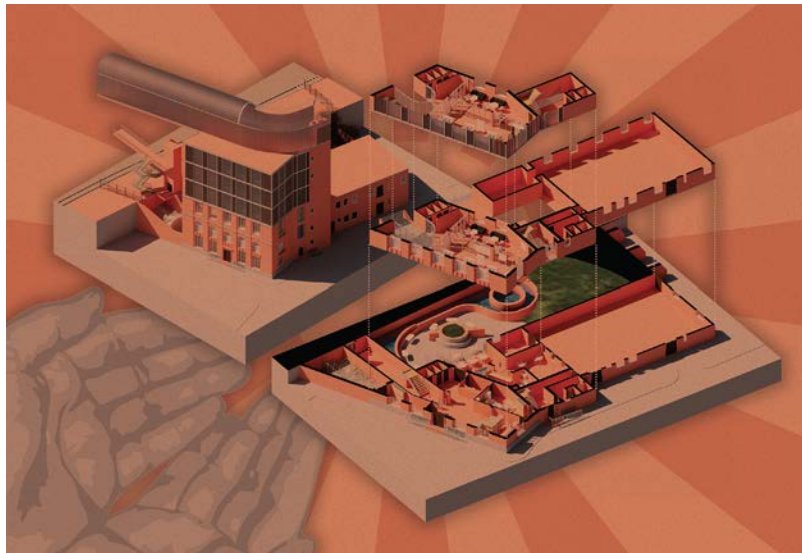
Charlie Isham – Technology Innovation Zone



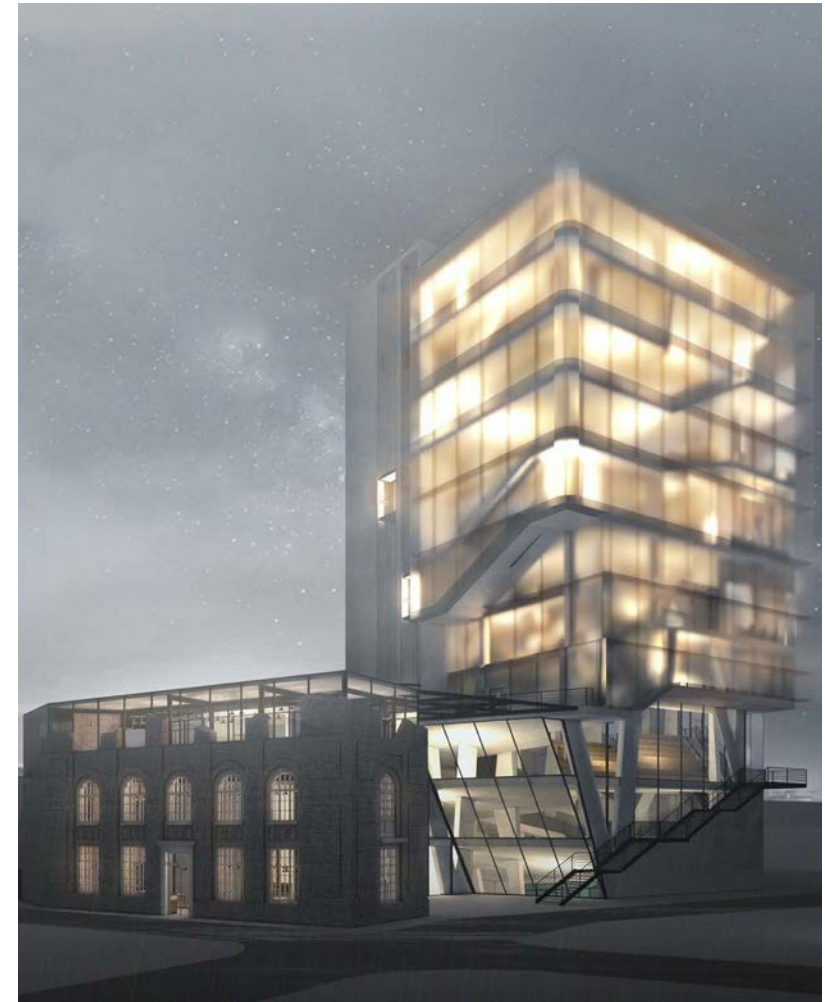
Harry Baker – Recycle Your Electronics



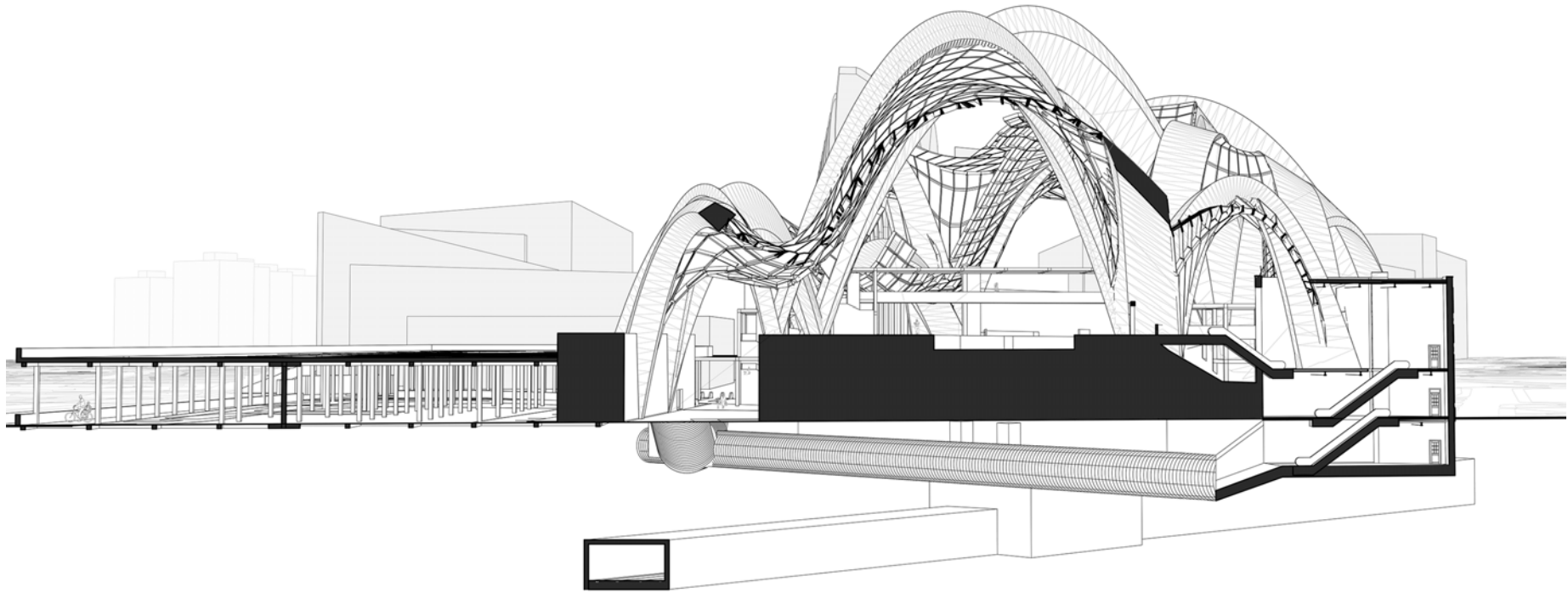
Jayden Luk – Collyhurst Distribution Centre



Faizal Akalwaya – Optical Fibre Plant



Zafir Ameen – The Solre Centre



Augustus Wray – Intervention Interaction Insertion



Tsun Hei Xavier Lee – New Residential Commons

COMMON GROUND

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Martin Lydon

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Thank you for studio contributions from
Nick Tyson - ChungTyson Architects
Ronan Connelly - BDP
Tom Watson - Director & Structural Engineer. Hayne Tillet Steel
Rick Wheal - Elementa Consulting
Adam Atraktzi - Hassell
Justin Kay - Senior Project Manager.
Morgan Sindal

Atelier Research Question: How is a building like a city?

'... as the philosophers maintain, the city is like some large house and the house is in turn like some small city' Alberti. Ten Books on Architecture. Book 1 Chapter 9

Atelier Approach

Common Ground aligns itself with those architectural theorists that see the city as a form of knowledge. Its physical form a complex manmade object, shaped by history and its many creators. We understand the city as constituted by unique fragments that are parts of a whole, contributing to its character and unique form - its sense of place. In the field we recognise the power of the survey to unlock the architectural imagination. In the studio we cultivate a practice of model making to reconcile between the abstract and concrete realms of architecture. Finally we believe that great ideas in architecture emerge from the nature of cities and conversely, that good architecture is itself a microcosm of the city - creatively asking 'how is a building like a city?'

City Territory and Themes

'The room is the beginning of architecture... the plan is a society of rooms... the street is a room of agreement' Louis Kahn. The Room, the Street, and Human Agreement 1971

Continuing our interest in how place and history can exert an irresistible force on the design process students set about developing their projects on a site in the heart of Northern Quarter of Manchester city centre. Once the hub of the city's industrialised economy, now a Conservation Area with one of the city's densest concentration of listed buildings and structures. Students began the term by developing an understanding of the formal heritage statements made about the area, while compiling their own personal analytical studies and surveys. They interpreted the urban ideas of Richard Sennett in 'The Open City' and Aldo Rossi's 'Architecture of the City' considering his stance on the creation of space and place according to 'Structure of Urban Artefacts' The texts enabled them to develop an argument for the persistence of form along with a sustainable approach towards adaption and repurposing in the city culminating in an Atlas of Place, acting as a catalyst

for early design concepts.

This academic year Common Ground focused on the Museum, developing spatial themes around the viewing, archiving and study of artefacts in the public realm. Students were required to consider an expanded idea of the museum by developing a critical understanding of the history of this type to challenge perceived notions of museology. Tasks were set to critically understand the type, including the use of scaled typological studies to break perceived spatial paradigms and enable new design to emerge. Other tasks approached the atelier research question more playfully by conflating interior and exterior material qualities or used palimpsest studies or even dissolved city with room scales to present an architectural proposition using the Atlas of Place to reimagine new uses. Consistent with atelier methodologies, context and design models were used intensively during the design development stage - using physical models and photography to develop spatial and contextually related ideas in dialogue with a range of atelier themes.

Site

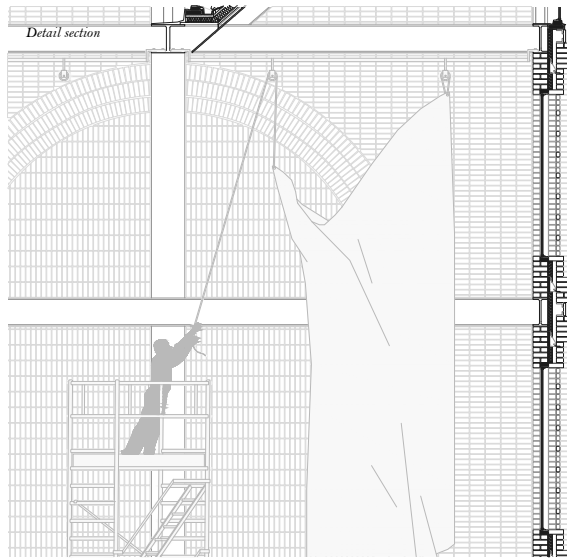
Dale Street & Little Lever Street, Northern Quarter, Manchester.



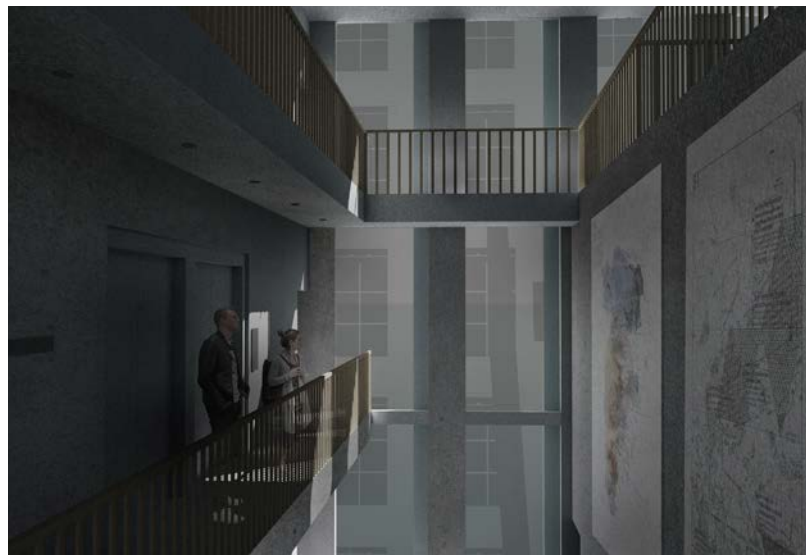
Manchester School of Architecture

Manchester School of Architecture

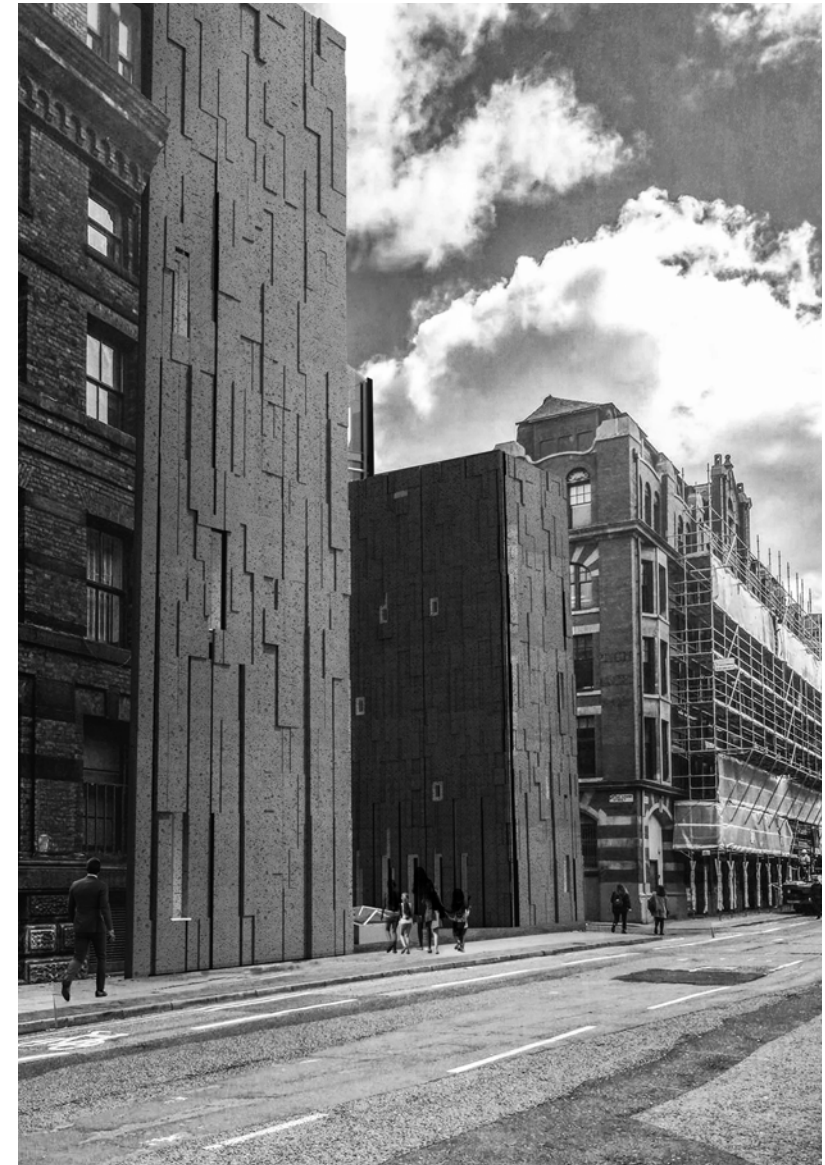
Callum Richardson - Archive of the Unbuilt



Harry Tate - The Cottonopolis House of Fashion



Cameron Frame - Archive of the Unbuilt



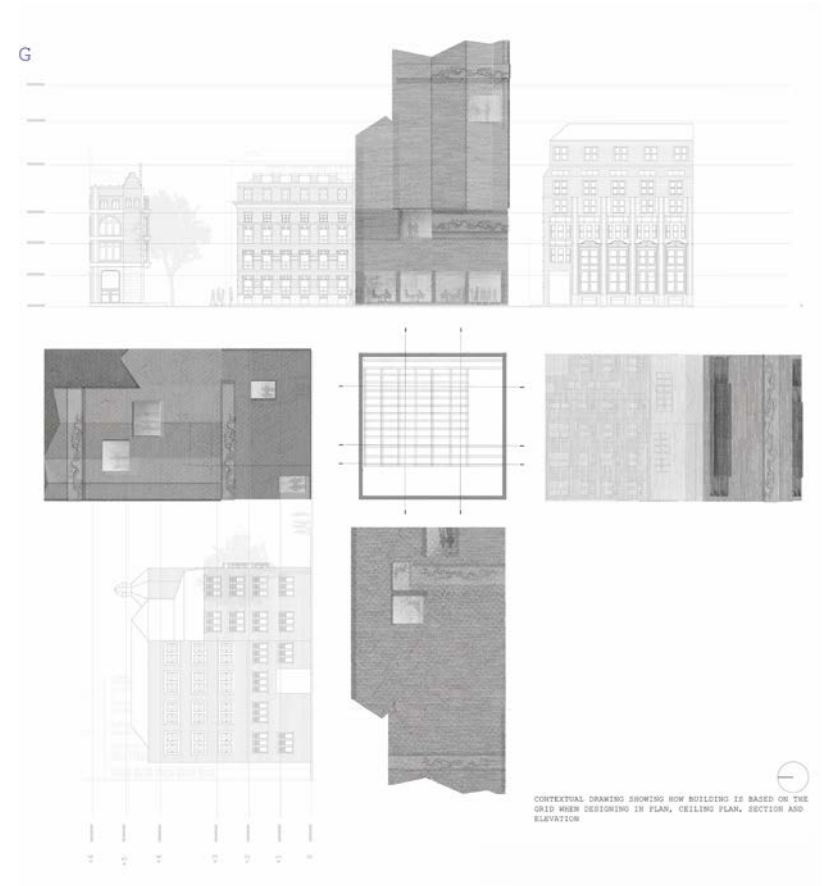
Diana Iona Ursachianu - Manchester House of Photography



Max King - Museum of Ambient Works



Cameron Frame - Archive of the Unbuilt



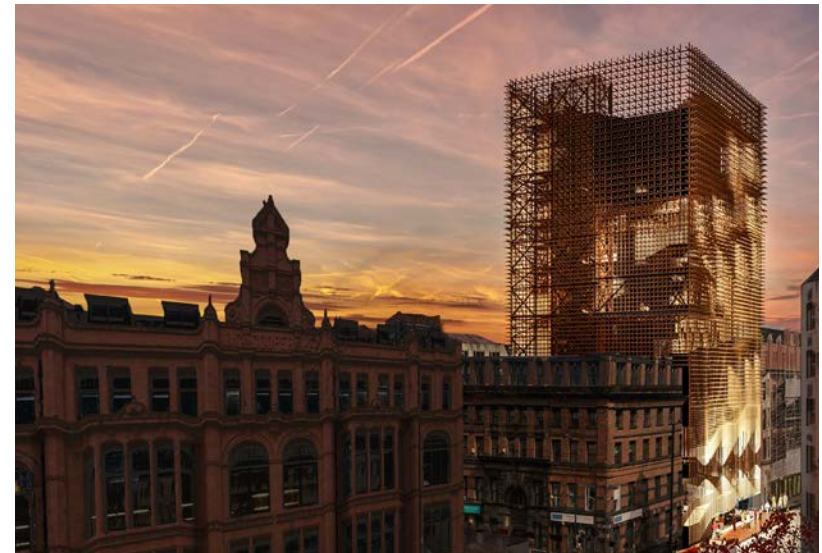
Kludia Aleksandra Zawrotna - Arthouse



Callum Richardson - Archive of Unbuilt Visions



Alexandru Munteanu - Museum of Adaptions



Callum Richardson - Archive of Unbuilt Visions

CONTINUITY IN ARCHITECTURE

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Amy Pearce

Students

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With grateful thanks to our visiting consultants and guests

John Haines (Projekts MCR skate park), Phil O'Dwyer and Andy James (OMI Architects), Steve Marsh (Capra architects).

Special thanks to

Ramboll for providing expert structure and services advice.
Dave Green and Simon Critchley from Simpson Haugh for our site visits to Deansgate Square and Manchester New Square.

'Places are sometimes said to exist in the memory, as a context for stories of experience or sensation. Our ambition should be to create places that can in future, serve as repositories of such memories' Robert Sakula (Ash Sakula)

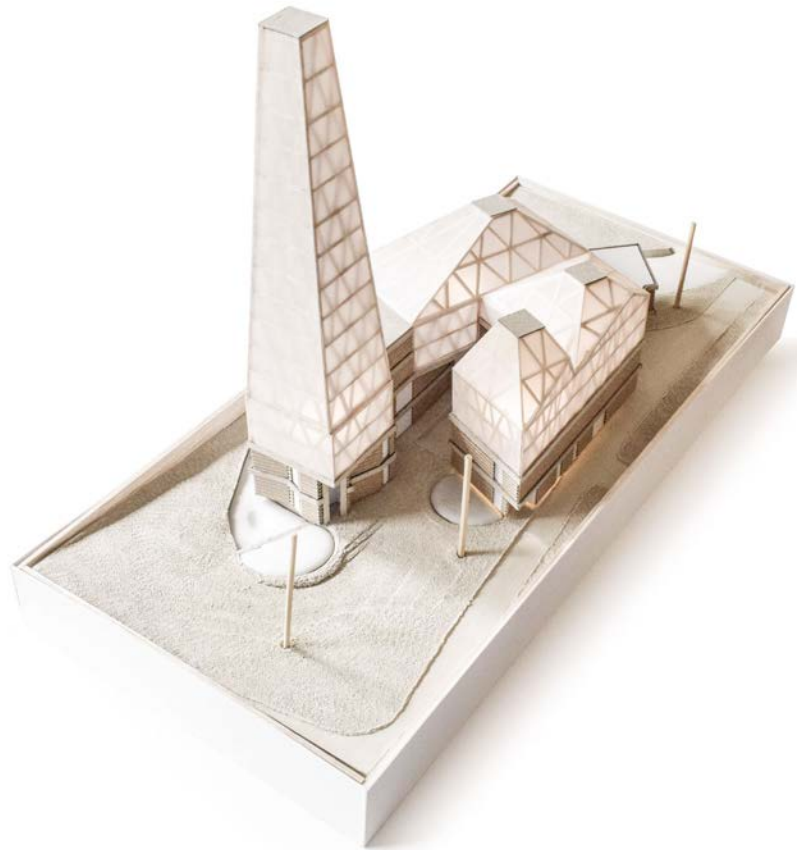
Our work this year has been based in the north eastern edge of the city centre, alongside the elevated section of the Mancunian Way, as it bridges London Road. Our chosen site sits at this city threshold and as a potential gateway to the emerging Mayfield area. We found it, bounded by a set of distinct, challenging contexts: - incessant traffic streams to the south and east, the canalised 'micro canyon' of wild nature of the 'forgotten' river Medlock to the north, the patchwork terrain of warehouses and goods yards to the east and most importantly, to the south, beneath the muscular concrete structure of the Mancunian Way, the exciting topography of Projekts MCR Skate Park.

From the outset, we struck up a fruitful dialogue with Projekts MCR, and took the opportunity to work with them as a real client for the whole or part of our site proposals. We set about the task of developing ideas for a building generated by programmes which were directly related to, complimentary with or

which set up a dynamic relationship with their ambitions to see Manchester as the world's first 'city of skateboarding'. We used trusted atelier methodologies, and set about researching, absorbing and observing the physical, cultural and historical context of the site; both analytically and intuitively. To further encourage contextual immersion, we conducted a series of design as research investigations. Firstly, as groups we developed urban landscape strategies, which considered how to maximise the potential of the lost river by manipulating levels; how to capture the available sun light and how to tame the near hostile traffic noise - all with the intention of providing a fertile setting for architectural intervention. Secondly, we encouraged the introduction of multiple massing options as 'characters' to this setting and used the resulting dialogue to inspire thoughts about programme and form, which were refined as the year went on.

Through this and with much honest endeavour, a rich mix of projects emerged: - some looked to embrace and provide a home for skate culture, some looked to harness its freedom of expression and didactic potential, whilst others deliberately set up a lively dynamic by bringing together diverse

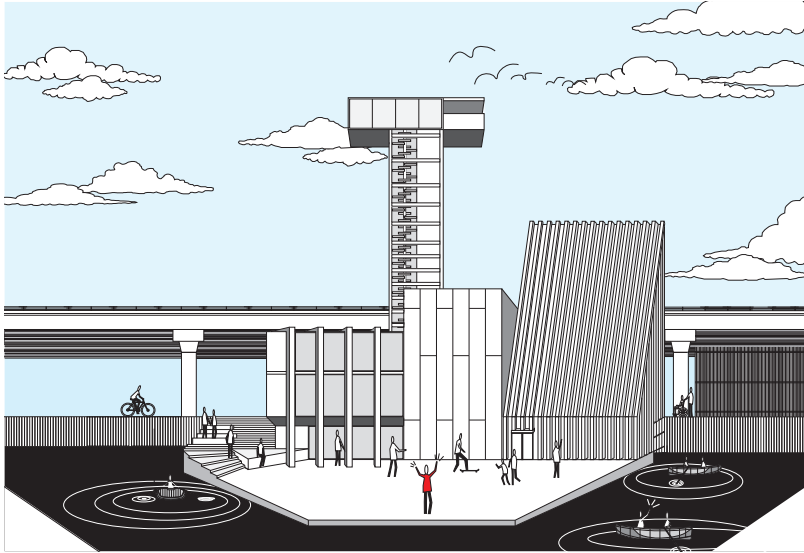
cultural offers. Some looked further afield and proposed the river as a reinvigorated asset and connection with Mayfield and its proposed urban park. Each project, in its own way seeks to embody the intent of the atelier by creating an architecture of welcome, one which possesses a legible thread between past, present and future.



Hayden Moores - Medlock Manufactory



Hayden Moores - Medlock Manufactory



Charlotte Parr-Burman - The Mayfield Boathouse

A WALK AROUND THE MAYFIELD BOATHOUSE



The user progresses in tandem to several outdoor patios and an indoor atrium in the case designed by the M+S, Parr, & Cohen, The Creative Services

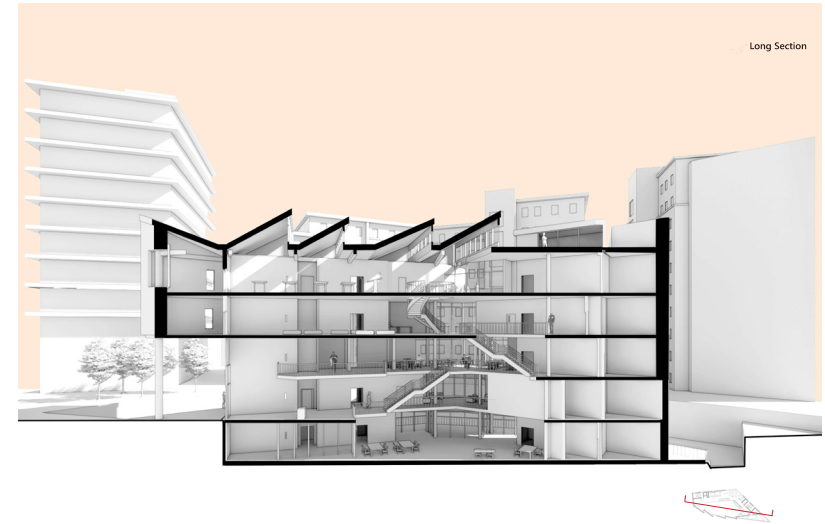
Charlotte Parr-Burman - The Mayfield Boathouse



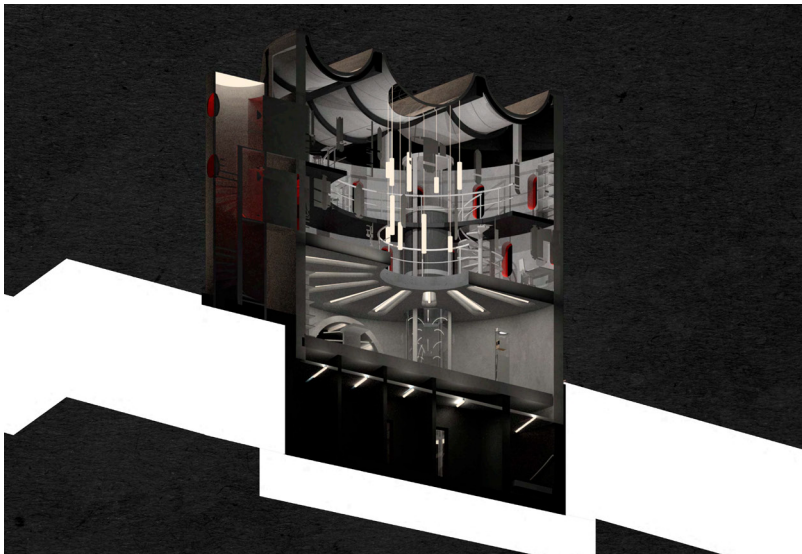
Francisco Frankenberg Garcia - Mayfield Culinary School



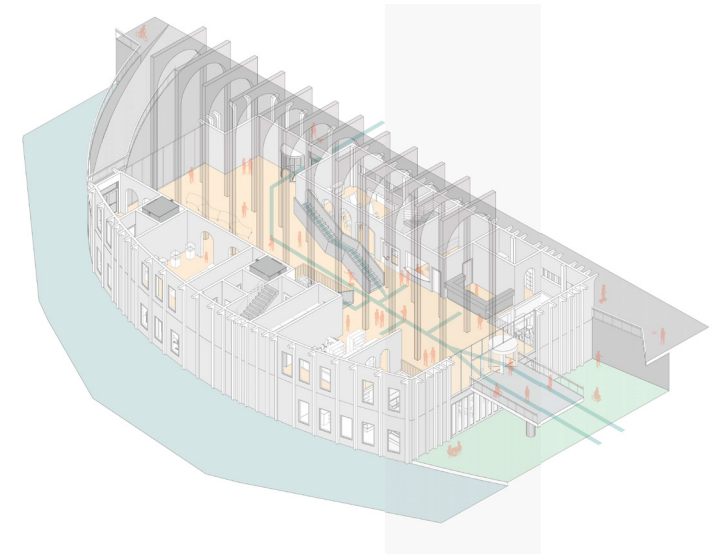
Sarah Lodder-Manning - Calico 2.0



Raghav Garg - London Street Fashion House



Simeon Orlinov Stefanov - MCR Science Centre



Dan Collinson - ARC studios



Dan Collinson - ARC Studios

HUMANITIES

Coordinators

Dr Luca Csepely-Knorr
Dr James Robertson

Contributors

Helen Aston, Matt Ault, Siobhan Barry, Richard Brook, Eamonn Canniffe, Steve Connah, Laura Coucill, Emily Crompton, Michael Daniels, Isabelle Doucet, Amy Hanley, Deljana Iossifova, Victoria Jolley, Vikram Kaushal, Alan Lewis, Ray Lucas, Stephen McCusker, Leandro Minuchin, Lucy Montague, Dominic Sagar, Becky Sobell, Lukasz Stanek, Lea-Catherine Szacka, Stephen Walker, Ola Uduku, Albena Yaneva, David Brittain, Jonathan Charley, David Reat, Yu Yoshii

The BA Humanities course provides students with a robust understanding of architectural history and theory. A variety of teaching practices engages students in contemporary debates and enables them to understand a wide range of theories and methodologies.

First Year

BA1 Humanities focuses on disciplinary fundamentals. The groundwork is laid in this formative year, introducing students to the role of architecture and the

architect throughout the history of the profession, and what architecture and architectural history can be.

Architectural History: Epochs

In Epochs, students are introduced to the histories of practice and professionalism in architecture. A combination of lectures, seminars and building visits provide the vehicles for researching the extended field of architecture and its history. Besides giving a general overview of the principal 'epochs' of architectural history, the breadth of teaching delivery methods also covers the history and development of ideas in UK, European and World contexts.

Architectural History: Paradigms

Paradigms uses architectural history to examine and understand design process. It highlights the importance of investigating individual buildings and relating them to their architecture historical context.

Second Year

BA2 Humanities introduces students to theories of architecture, practice and professionalism. The units consider ideas, theories and intersections, positing that architecture never exists

in isolation – either as a design or academic discipline. The unit is predicated on the idea that opening architecture to possibilities and cross-disciplinary discussions is as important as the discussion of architecture within our broader culture.

Theories

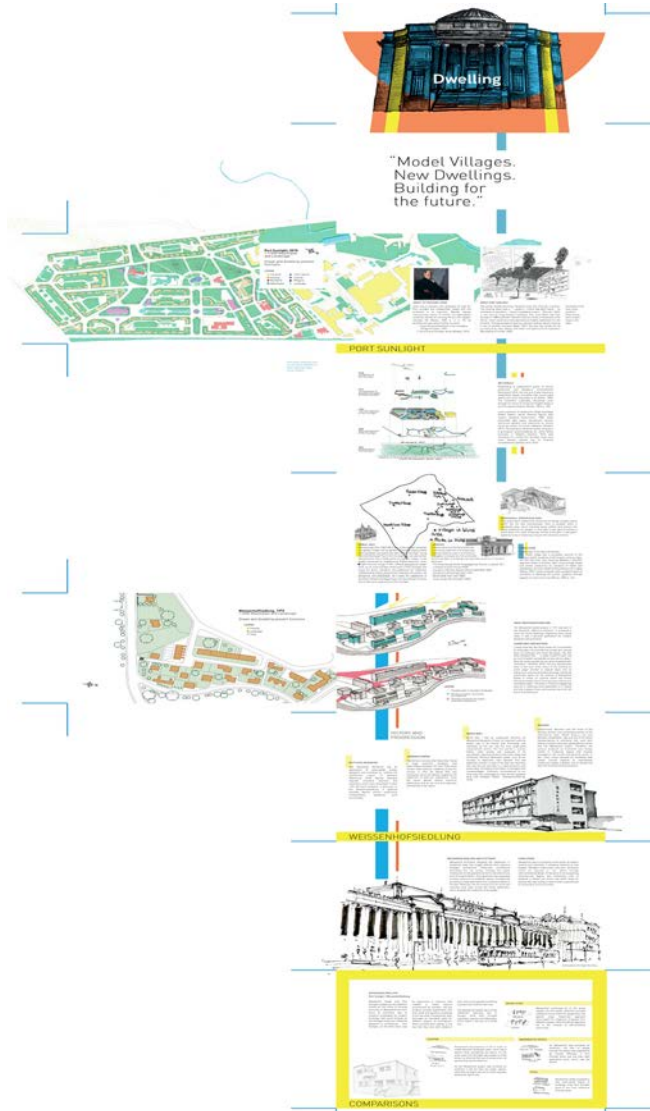
Building on architectural history knowledge acquired in Year 1, students are introduced to key architectural theories and invited to discuss interpretations of the questions that they pose. The unit aims to provide students with the knowledge to understand the importance of theoretical positioning in the field of architecture, and to equip them with the various tools to help them to define and clarify their own design thinking.

Architecture And...

This unit considers architecture as an expanded disciplinary field and reflects its theoretical multiplicity. Students are introduced to various theoretical ideas and cross-disciplinary topics through research-led talks that build on a range of expertise within the MSA.

Third Year

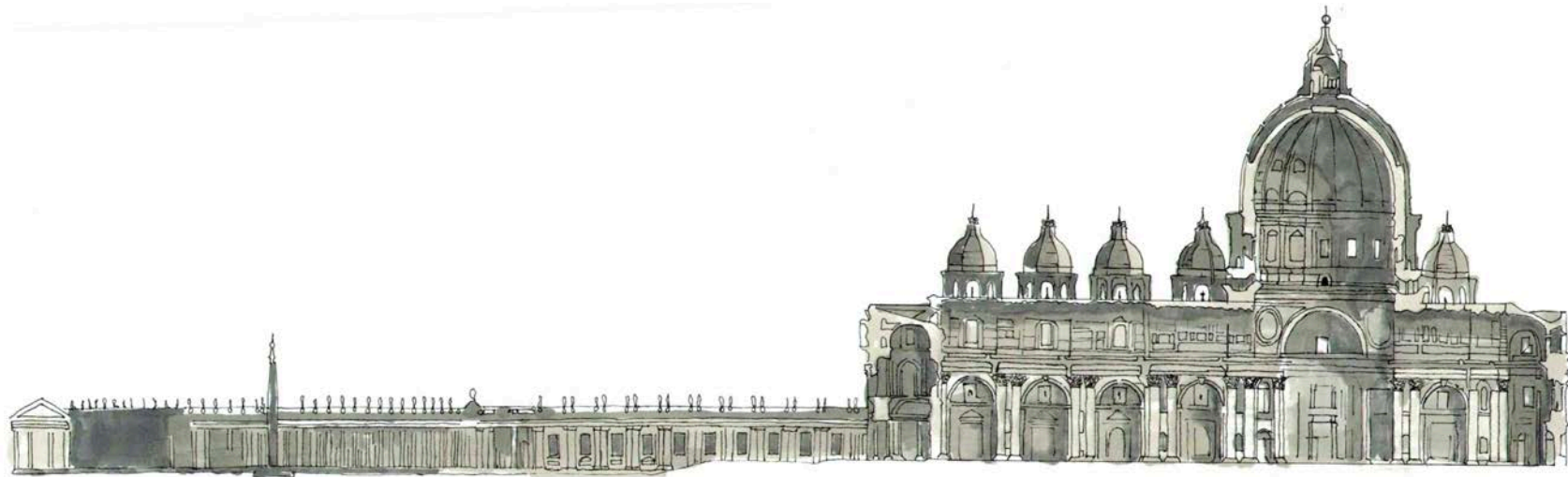
BA3 Humanities is concerned with 'mobilising' knowledge, and poses the challenge of what we do with knowledge of architectural history and theory. In particular, how do we make this knowledge relevant to contemporary architectural practice? The unit develops knowledge and understanding of the historical, cultural and professional contexts for architectural design, and extends skills in research, analysis, academic writing and visual representation. Research-led teaching is central to BA3 Humanities. Students elect their choice of teaching unit, which is delivered through lectures, seminars, practical exercises and workshops.



Group 12 - Paradigms



Lukas Somodi - Town Hall Sketch



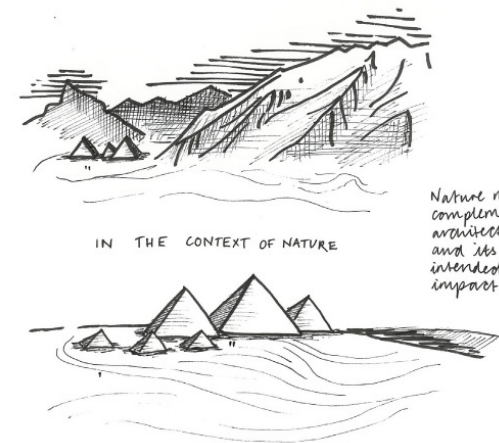
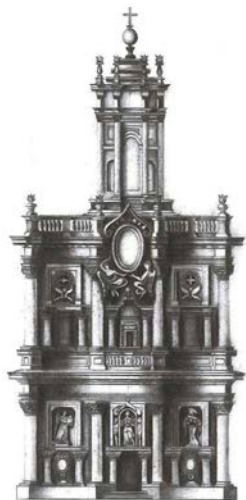
Alice Holmes - St Peter's Basilica

Manchester School of Architecture

Manchester School of Architecture



Maria Konstantina Roumpou - San carlo alle quattro fontane



IN THE CONTEXT OF NATURE

Nature must complement architecture and its intended impact.

Grace Millie Conway - Theories

TECHNOLOGIES

Technologies Team

Matt Ault, Siobhan Barry, John Lee, Glenn Ombler, Amy Hanley, Matt Pilling, Dominic Sagar, Prof Stefan White.

General Teaching Assistants

Florence Booth, Lobna Elagouz, Shivani Anitha Gunawardana, Simon Mitchell, Fraser Streatfield.

With thanks to our guest speakers and collaborators

John Barret, 5Plus; Allan Haines, EDICCT (Engaging Designers in Creative Construction Today); Adam Blaney, Lancaster University; Tom Brigden, Purcell; Mary Arnold-Forster, Mary Arnold-Forster Architects.

Our BA programme structure reflects the strategic drivers in the professional criteria leading to qualification and registration as an architect. Technology is undertaken as a 30 credit unit with a common structure in each year, comprising lectures and assignments that accrue learning throughout the year, complemented by a Technologies design project.

BA Technologies acts to create an independent academic discourse of

architectural technology. This discourse is structured to enable students to contextualise, inform, inspire and justify their own design propositions on the basis of the experience and expertise of the architectural discipline and its correlates. This discourse is structured to build up a catalogue of concepts, experiences, analyses, applications and experiments focused on answering the question: How do I do this?

The BA Technologies course aims to enable students to see the built history of architecture as a 'realisation library' by providing students with the skills to critically dissect and deconstruct the structural, material and environmental performance of architectural precedents in an operative manner. We provide lectures and structured case study assignments that are aligned - but not integrated with studio - addressing technology as an abstract understanding that compliments the propositional applications produced in studio contexts. Lectures and tutorials by a combination of full-time staff and associate lecturers, highly respected local practitioners and invited experts enable the collection of knowledge and improvement of existing understanding in contexts of contemporary relevance and critical validity.

Years 1,2 and 3 are designed to enable the continual development of the material realisation skills and understanding of the students alongside the increasing levels of sophistication and authorship in their design projects.

In year one, the specific operative focus is provided by examining existing applications and techniques through a series of lectures and analysis exercises which support a subsequent holistic analysis of small scale (but often structurally or environmentally complex) case studies.

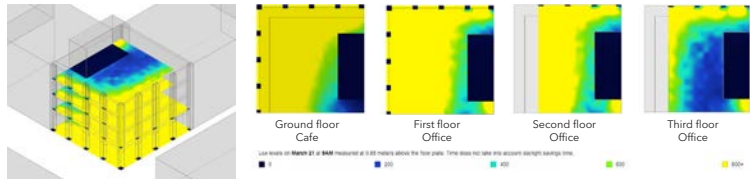
In year two, the lectures and exercises both expand the field and explore certain issues in more detail (for example introducing industry leading environmental analysis software as a learning tool).

Year three begins with a building case study analysis undertaken in a similar format to year two but on an individual basis, framing the level of technological resolution sought for Technologies design projects. The year develops a discourse of contemporary technological design technique, introducing students to methods of demonstrating rigorous academic arguments for the development and

resolution of their own technological design propositions.

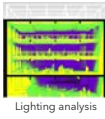
The new design project is intentionally distinct from others undertaken on the course, with different starting points, methods and outputs, enriching students' portfolios. Students are guided through a framework of appraisals, analyses and iterative design testing to identify key performance parameters for their projects and linking them to the constraints and opportunities they offer for creative, integrated, architectural design. In all years, the project focuses on experimentation in model making, digital modelling, qualitative and quantitative analysis techniques and digital fabrication.

The design project also introduces students to a systematic workflow that incorporates demonstration and justification of their key creative design moves, preparing students for the rigour that will be encountered as they move into professional architectural design practice.

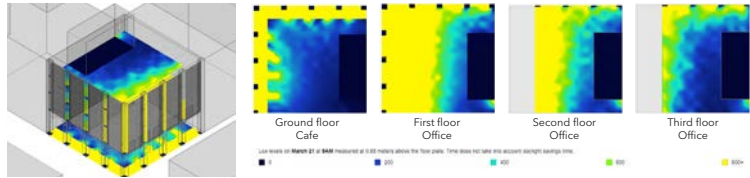


Ground floor Cafe First floor Office Second floor Office Third floor Office

Like reads on March 21 at 8AM. Position at 3.85 meters above the floor plane. Time does not take into account daylight savings time.

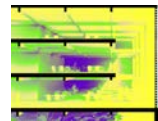


The initial lighting analysis resulted in mainly overlit spaces which can be justified by the use of directly exposed openings to the solar incidence. The performance was limited due to needs of cooling that would constrain the building to extreme energy consumption.



Ground floor Cafe First floor Office Second floor Office Third floor Office

Like reads on March 21 at 8AM. Position at 3.85 meters above the floor plane. Time does not take into account daylight savings time.

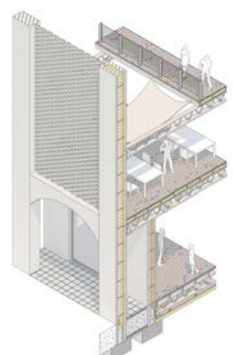


Screen sunlight filtering

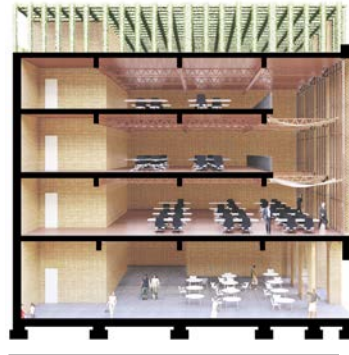
Sectional sunlight analysis

View on the N/E of First floor

The last iteration of lighting analysis focused on a new approach to design, incorporating a brick screen system that would level the natural lighting issues.



Typical Module Build Up Isometric



Section

Alexandru Munteanu, Year 3 Technologies Design Project



Perspective View



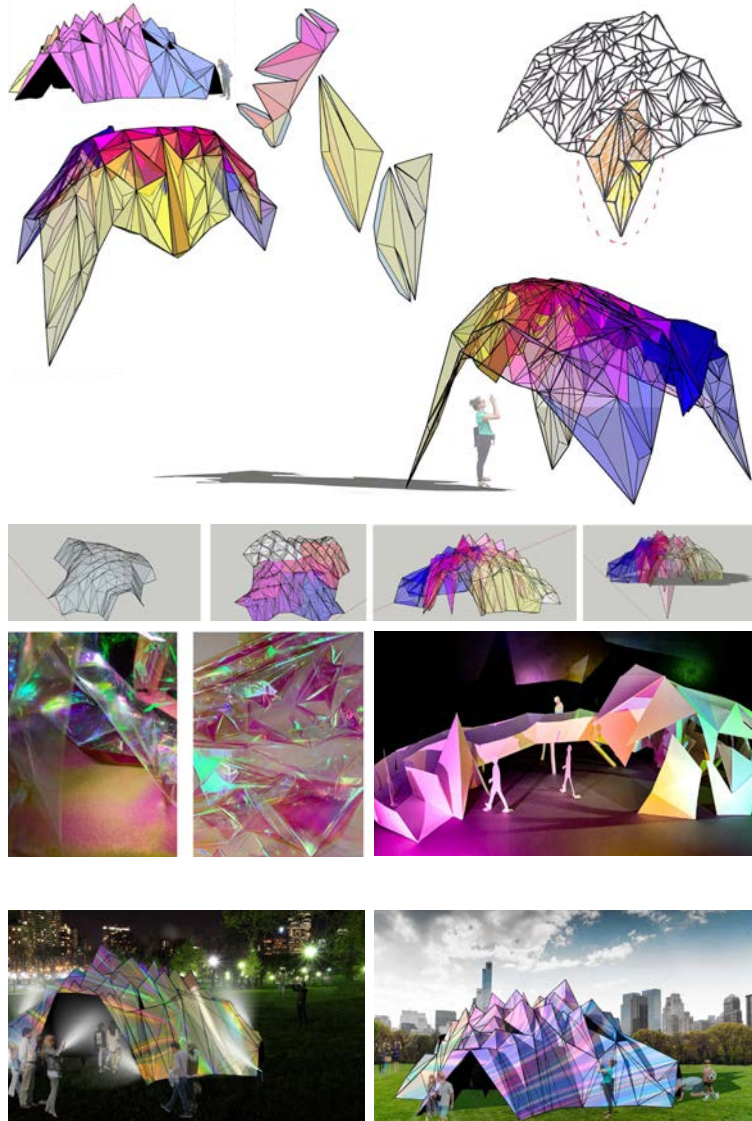
Perspective Views of the Interior



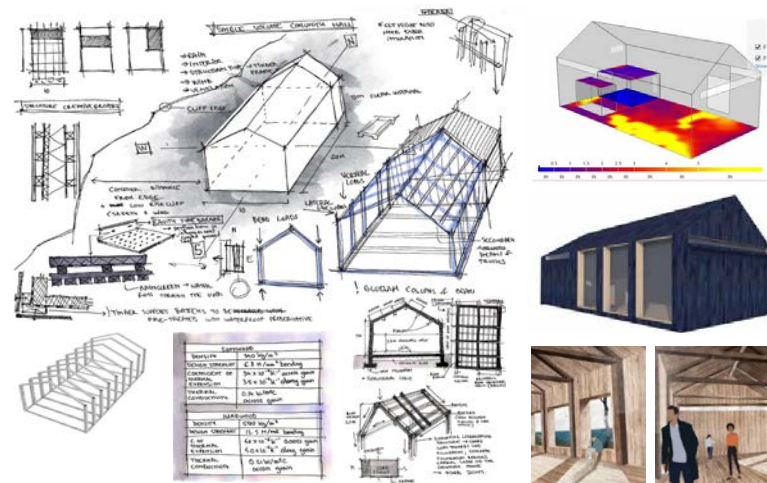
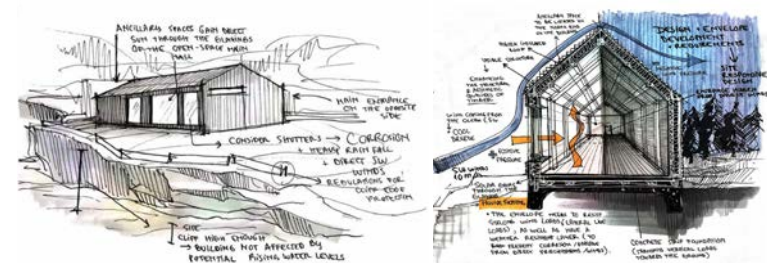
South Elevation

West Elevation

Alexandru Munteanu, Year 3 Technologies Design Project



Rowdah Charbak, Year 1 Technologies Design Project



Adriana Stefania Tomeci, Year 2 - Technologies Design Project



EVENTS 2019

EVENTS

Coordinators	28	Albert's Connection
Becky Sobell and Charlie Butterwick	29	Our Town Hall Our Manchester
	30	Civic Commons: 100 Years After The Addison Act
Groups		
01	Sustainable Structure	
02	The Urban Greening	Contributors and collaborators
03	Unlocking the Town Hall	Adam Ash, Kwame Nkrumah University of Science and Technology, AEW Architects, Anja Ohliger, Anna Metcalfe, ArchiAfrika, Barnfield Construction, BDP, Bernd Trüempler, Bruntwood, Caelan Knight, Chorlton Community Led Housing Group, Chris Peacock, Chris Waterfield, Coburg University of Applied Sciences, Connell Sixth Form College, Cracking Good Food, Creapolis, Curated Place, David Morley Architects, Dominic Sagar, Dr Angela Connelly, Dr Irene Appeaning, Dr Laura Coucill, Dr Luca Csepely-Knorr, Dr Łukasz Stanek, Dr Marcus Neufeld, Dr Richard Brook, Dr Tim Edensor, Eddy Fox, Eddy Rhead, Friends of Clayton Hall, Gavin Stevenson, Geoff Senior, George Clarke, Gorse Hill Studios, Graham Smith, Hatch, Herblabism, Hulme Community Garden Centre, Ian Hunter, In-Situ Arts, InLeaf, Jackie Haynes, Janneke Geene, Joe Addo, Joe O'Rourke, John Usher, Kal Gill-Faci, Karsten Huneck, Katie Belshaw, Kevin Flannagan, KHBT, Laing O'Rourke, Lendlease, Littoral Trust, Lobna Elagouz, Manchester City Council, Manchester Museum,
04	Emp:Art	
05	Past Present Future	
06	African Modernisms	
07	Art + Garden + Life	
08	Remnant, A Feeling for Time	
09	Landscape Infrastructure	
10	Digital Exhibition	
11	Eco:[Vr]Ision	
12	Town Hall On-Screen	
13	Modular & Moveable Maker Space	
14	The Brexit Debate	
15	Gorse Hill Studio 20 Years On	
16	City of Ideas	
17	The Vinyl of Photography	
18	Merz 19	
19	Special Collections Pop Up Shop	
20	Seating for Eating	
21	Manc Troit	
22	Trolleyfest!	
23	Are You Aware?	
24	Transformation of Our Town Hall	
25	Reflect	
26	Poster Re-Poster	
27	Northlight	

Manchester Street Poem, Manchester Urban Co-Housing, Marcus Lord, Mario Tvrtkovic, Mark Percival, Matt Peacock, Mike Fairley, MMU Special Collections, MOBIE, Müller Sigrist Architects, Museum of English Rural Life, Mustard Tree, Nelson and Colne College, North-West Film Archive, Office for Subversive Architecture, Old Bank Residency, Paul Hartley, Penny Christoforou, People's History Museum, Pendle Enterprise and Regeneration Ltd, Pledge, Plincke, Pobi Shop, Professor Andy Moorhouse, Professor Ola Uduku, Purcell, RIBA NW, Rob Hyde, Robert Sterling, Ronald McDonald House, Simon Bushell, SixTwo Architects, Sophie West, St Anthony's Centre, St. Mary's Primary School, Stephen Connah, The Modernist Society, The Science and Industry Museum, The Woodland Trust, Tree Station, University of Manchester Ghanaian Society, University of Salford Sound Lab, Victoria House, With One Voice, Without A Home.

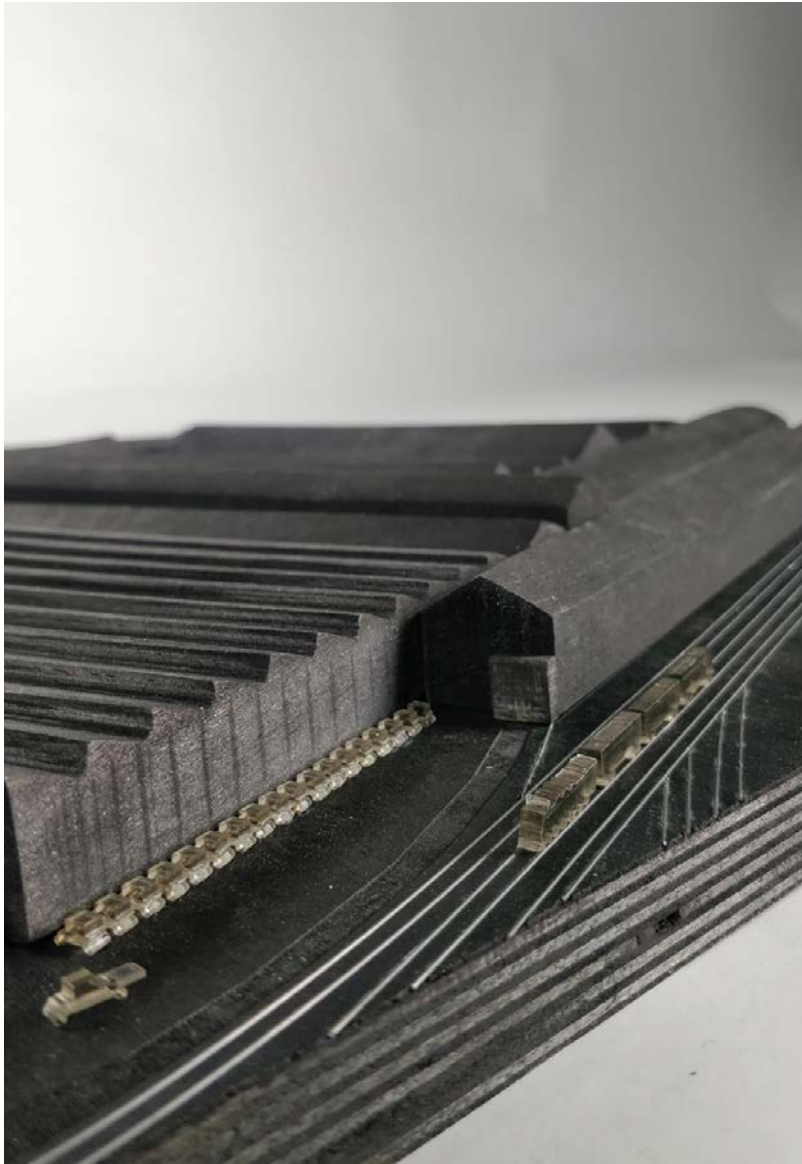
Special thanks to **Neil Ashdown; Jim Backhouse; Scott Miller; Marion Poulton; and all MMU technical teams and workshop staff for project support.**

Events 19 is the latest in the MSA's annual programme of collaborative

student-led live projects. Each year the Manchester School of Architecture runs the Events programme to unite BA Year 01 and 02 undergraduates with MArch 01 postgraduates in mixed-year teams. MArch students organise projects, working with a number of collaborators locally and globally. Students use this opportunity to create impact beyond architectural education.

The scale of Events19 was big. 475 students in 29 projects, across 3 cohorts, in 2 MSA programmes, working with over 100 organisations and individuals. The more than 30,000 student hours that were spent during Events19 were documented in 1372 blog posts <http://events.msa.ac.uk/2019/> detailing preparation and outcomes.

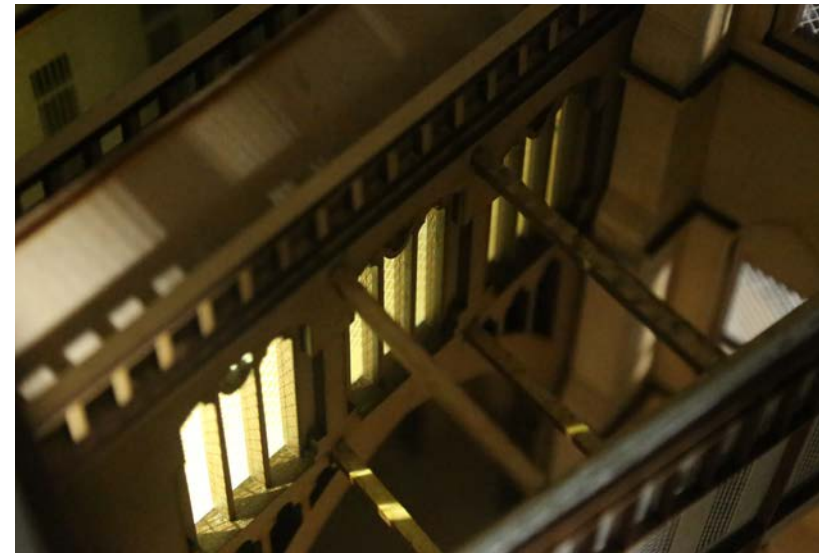
Events19 tackled homelessness, worked with charities providing homes for families of sick children, contributed to ecological and low carbon architecture, designed recording studios for young people with additional needs, and more. International projects worked with institutions in Coburg and Ghana. Benefits continue with news that international groups have been invited again, and one charity has already gained funding for our proposal as a result of Events19.



Manc-Troit - The massing model of the Trafford Park in scale 1:500



Reflect - The idea of 50/50 enclosed and open spaces



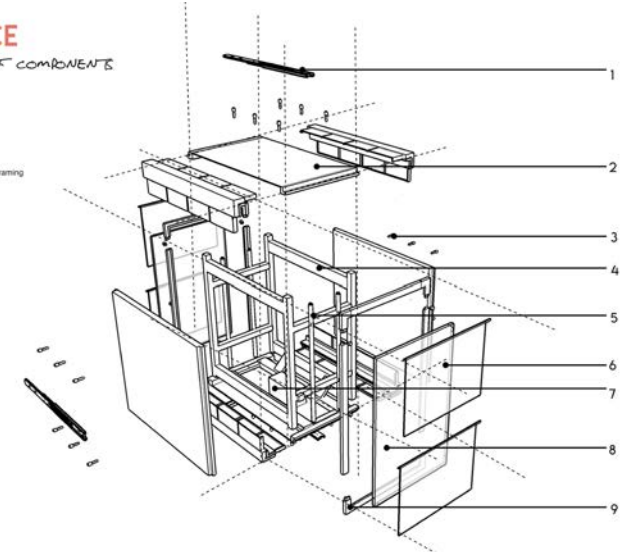
Transformation of Our Town Hall - Model, Structure of Kitchen Link Bridge



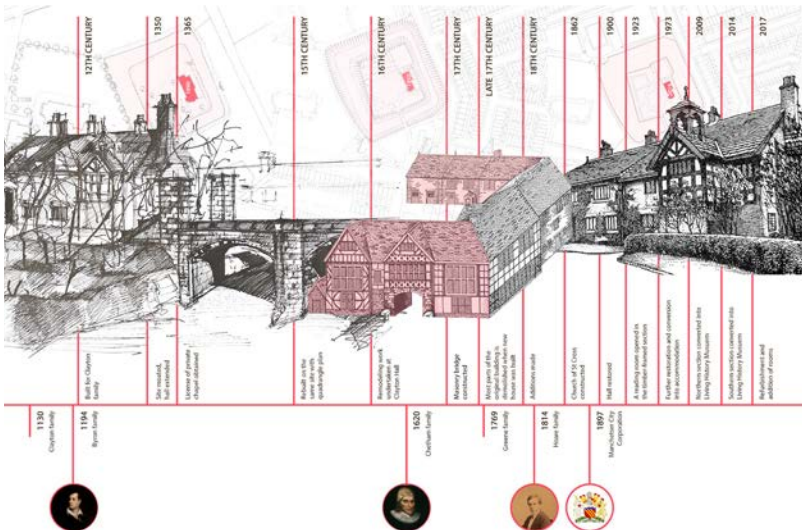
EMP:ART - Design consultation on the development of a new entrance at Manchester Museum.

EXPERIENCE
AXONOMETRIC OF COMPONENTS

- 1- Ball bearing drawer slides
- 2- 5mm matt white foam PVC sheet
- 3- Stainless steel screws
- 4- Timber frame
- 5- LED light bulb
- 6- Photostudio catalogue
- 7- Rechargeable battery pack
- 8- Frosted perspex sheet
- 9- 5mm matt white foam PVC sheet framing



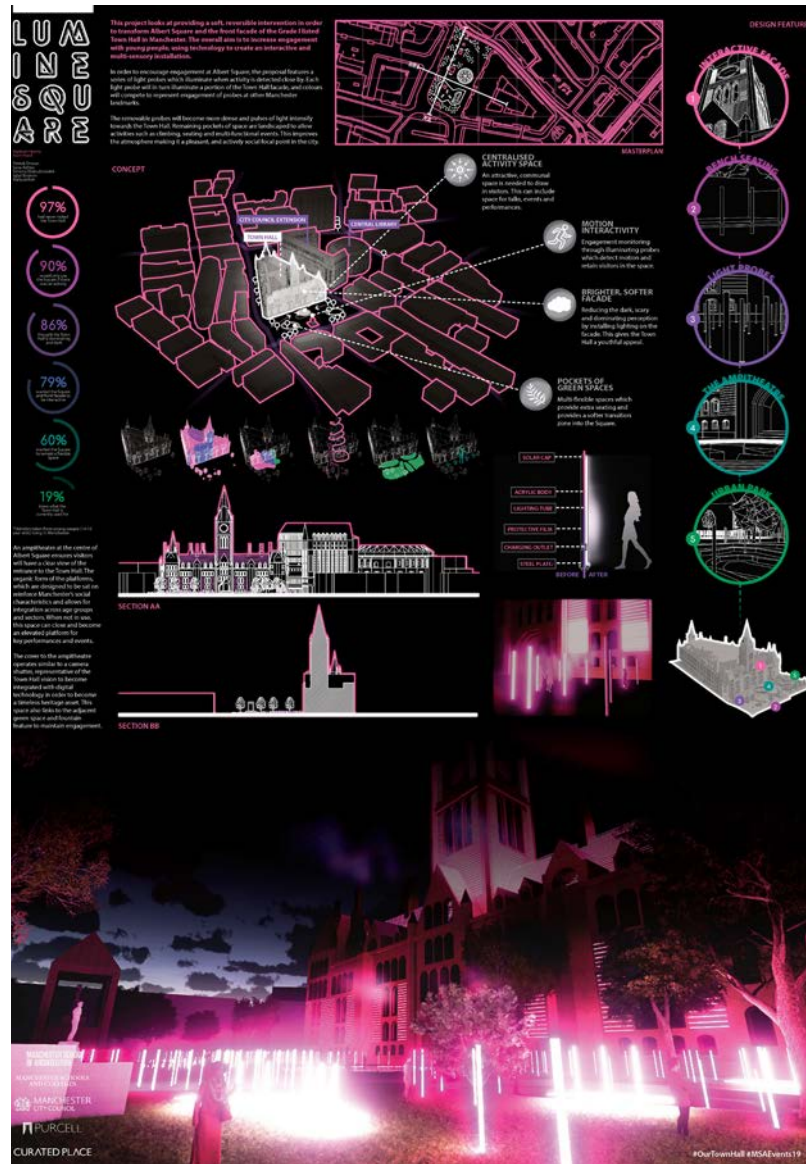
The Vinyl of Photography - Axonometric view of a cubic light box



Past Present Future- Clayton Hall historic timeline



Remnant: A Feeling For Time - The entire group having lunch during the site visit.



Our Town Hall Our Manchester - Final presentation board



Gorse Hill Studio 20 Years On - Final Outcome – Control Room Perspective Comparison



East Manchester, Civic Commons: Zero Carbon Urban Landscape, Phase 2 (5 years)



Northlight - Image showing the events team participating in 'Talkaoke'



Sustainable Structure - Final sketch of scheme



Remnant: A Feeling For Time - Winter Hill



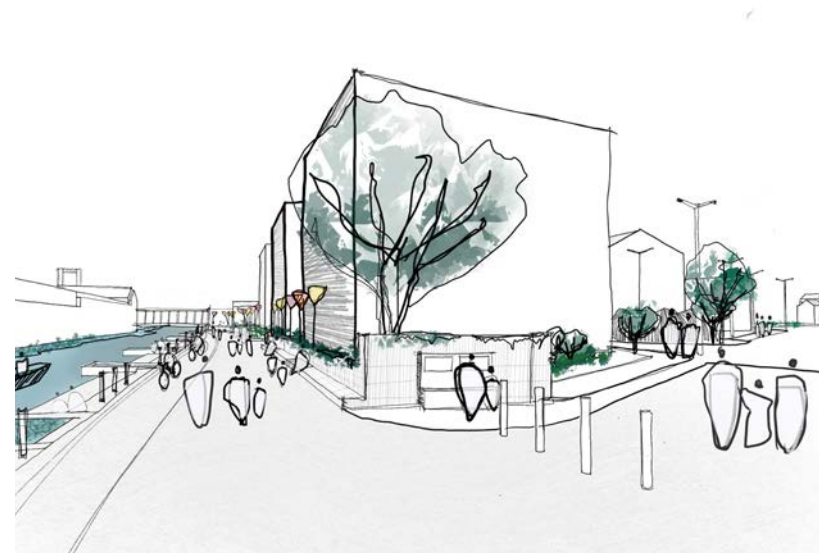
Albert's Connection - The five groups presented their proposals to one another and the jury.



Albert's Connection - Exhibition showcasing student's proposals to locals and fellow students.



ART + GARDEN + LIFE - Final mural by students, Victoria House staff and residents



East Manchester, Civic Commons: Zero Carbon Urban Landscape, Phase 3 (30 Years)



Castlefield Gallery

Open : Wed - Sun 1-6pm

Free entry

RESEARCH

RESEARCH

Architectural Research at the Manchester School of Architecture Over the past year we expanded our research remit and reordered it into a number of thematic areas: architectural history, urban data analytics and architectural health + urbanism. Much of this work engages audiences outside of the School in public events, exhibitions and forums. We are developing our focus on urbanism and expanding our global links with scholars across four continents. We have developed strong connections with URBED, an award-winning design and research consultancy, in a collaborative teaching and research initiative and we have established new global research networks through funded workshops and successful research bids. New members of staff have contributed to our established research strengths and our outreach and knowledge exchange activities. We have a healthy number of doctoral students: two of whom have benefited from faculty scholarship funding and another two who were awarded full bursaries through a competitive funding scheme. A regular set of productive research lunches have been instituted which include Research: Work In Progress - termly events in which staff are encouraged to discuss their current research, their

plans and their aspirations. We also hosted a series for invited guests to discuss, in seminar mode, their research interests and focus. As part of this invigorating Manchester School of Architecture research climate, we have implemented a series of research away days to explore the development of the research design portfolio and the scope of research in design and the role of design in research. These activities and their outcomes will contribute to our submission and assessment as part of the national Research Excellence Framework 2021.

Funded Projects

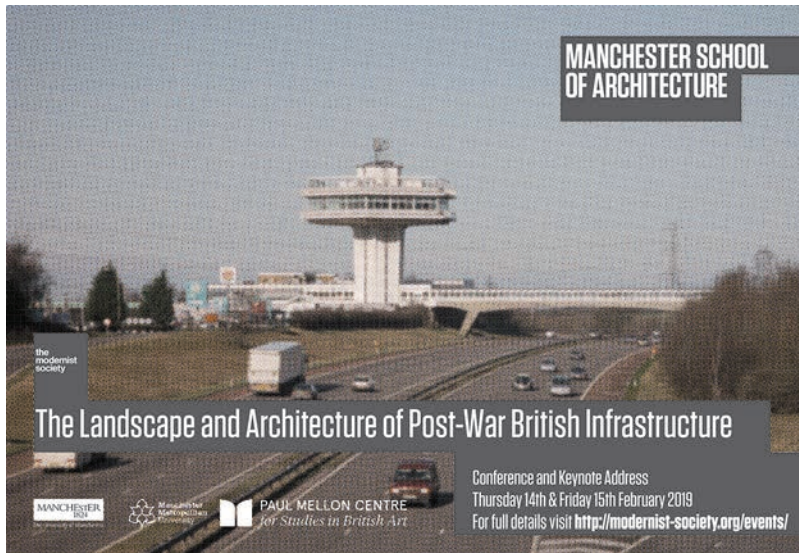
In 2018-19 MSA staff have been involved in a range of successful funded projects, as leaders and collaboratively. In February Dr Richard Brook, Dr Laura Coucill and Dr Luca Csepely-Knorr directed a two-day international workshop on the landscapes of infrastructure followed by a one-day conference, The Landscape and Architecture of Post-War British Infrastructure, supported by the Paul Mellon Centre for Studies in British Art, involving guest speakers Elaine Harwood, and Hal Moggridge. They also made a group field visit to Heysham nuclear power station and Preston

Bus Station (a building close to the hearts of many in the School). Ulysses Sengupta and Rob Hyde continued to achieve significant grant capture from the Royal Society and the Natural Environment Research Council to investigate urban infrastructures and practice with partners in Brazil, India and China. Sally Stone, John Lee and Laura Sanderson have continued with their highly successful Small Settlements research, and have this academic year been working directly with Rochdale Town Council as part of their successful Heritage Zone Funding project. This innovative combination of research and design will be exhibited in the Rochdale Town Hall during the summer. Professor Stefan White and Dr Mark Hammond continued their research and policy work with Greater Manchester Combined Authority, producing the Rightsizing' report for the Centre for Ageing Better, which has contributed to housing and healthy ageing strategies across the city-region. The Manchester Age-Friendly Neighbourhoods Programme, led by a team of researchers at the school, was recognised by Mayor Andy Burnham with four awards as part of the Mayoral Challenge on Ageing. Professor Stefan White also won second prize in the European Smart Ageing Prize for his work on PlaceCal. Professor Ola Uduku

has further developed her West African Urban Coastal Heritage Research Team, WARUH, with support from the MMU Global Challenges Research Fund. The team was recently awarded a research networking grant enabling a workshop with Associate Professor Talibat Lawanson from the University of Lagos, the WARUH team members from Liverpool and Manchester Universities and contributions from Universities in Ghana and Nigeria. Dr Richard Brook has been awarded a Paul Mellon Centre Post-Doctoral Fellowship for 2019-20 in recognition of his critical approach to the study of mainstream modern architecture and planning.

Publications

Staff at the School have published the results of their research as monographs, chapters and papers. Reader in Architecture, Sally Stone has published two books - UnDoing Buildings: Adaptation and Cultural Memory (Routledge) and Re-readings 2: Interior Architecture and the Design Principles of Remodelling Existing Buildings (RIBA Publications). Dr Ray Lucas has also published two books this academic year - Drawing Parallels: Knowledge Production in Axonometric, Isometric and Oblique Drawings (Routledge)



The Landscape and Architecture of Post-War British Infrastructure Conference Poster



Kwame Nkrumah University of Science and Technology, Ghana

and Architecture, Festival and the City (Routledge). Dr Stephen Walker is the author of *The Fair-Line and the Good Frontage*, (Palgrave Publications). Professor Uduku launched her book *Learning Spaces in Africa: Critical Histories to 21st Century Challenges and Change* (Routledge Taylor and Francis). Book chapters have been published by Dr Luca Csepely-Knorr, 'Approaches to Modernisation: Evolution of public park theories in interwar Hungary' in *URBS: Yearbook of Hungarian Urban History*. Sally Stone and Laura Sanderson published a chapter in *The Way We Live Now Global Dimensions in Housing: Approaches in Design and Theory* (Green Frigate Books). Professor Stefan White and Dr Mark Hammond wrote 'From representation to active ageing in a Manchester neighbourhood: designing the age-friendly city' in *Age-friendly Cities and Communities A Global Perspective* (Policy Press). Papers in high impact peer reviewed journals were authored by Vicky Jolley, and by Dr Richard Brook.

Exhibitions

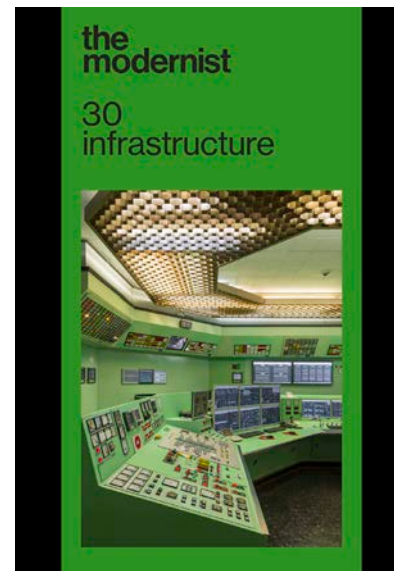
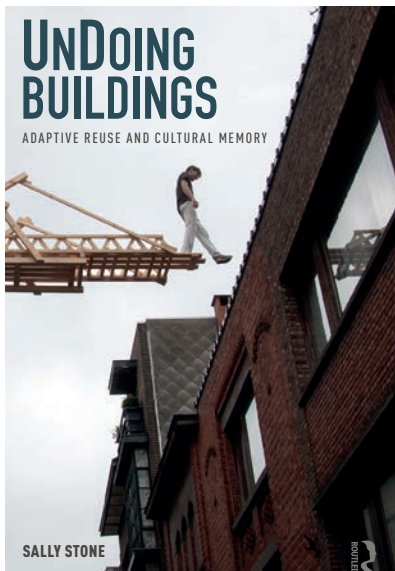
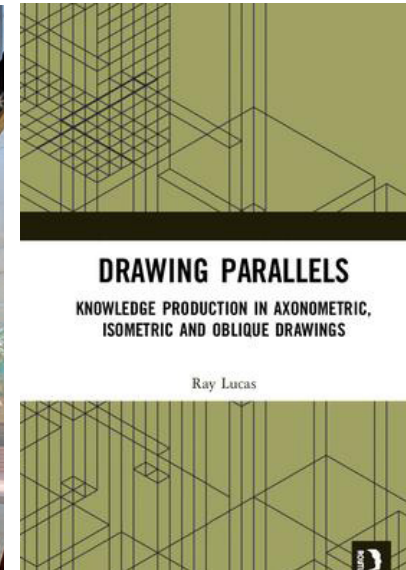
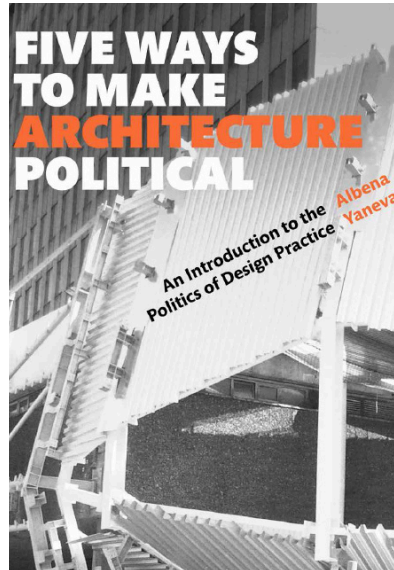
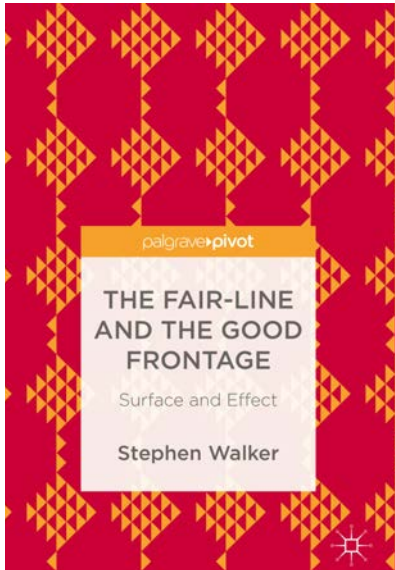
The School has also curated two exhibitions. *UnDoing*, by Sally Stone and Laura Sanderson, at the radical independent Castlefield Gallery in Manchester, explored the relationships between art and architecture within the dense urban environment and

how buildings are remembered and reinterpreted. Dr Richard Brook curated *Drawing the Modern: The work of Gordon Hodgkinson and Post-War Architectural Education in Manchester* in collaboration with the Special Collections Museum at Manchester Metropolitan University. The show celebrated the life of one architect who was born, trained and practised in this city and also provided an opportunity for Dr James Robertson, Vicky Jolley, Dr Luca Csepely-Knorr and Dr Brook to work together in the production of a short history of our School of Architecture. The exhibition closed with a panel talk, chaired by Phil Griffin with contributions from Rachel Haugh (SimpsonHaugh), John Walker (Walker Simpson) and Ian Beaumont (MBLA), who shared their recollections of their own education and how it informed their practice.

Manchester Architecture Research Group

Our agenda is driven by the growing realisation of architecture as a social practice and the highly political, cultural and contested nature of the outcomes of architectural production.

We understand architecture as a broad social, cultural and technical network that exceeds the work of architects or buildings as objects. We are interested



in creative explorations of the inter-relationship between the processes and products of architectural practice.

Our work is motivated by current conditions and on-going developments in architectural design to explore the complex processes and the professional practices, formal and informal, within and through which the built environment is conceived, used, shared, contested, mediated, adapted, and changed.

We have developed an innovative agenda around social studies of architecture, drawing on interdisciplinary approaches to architecture and urban development. Since our inception, we have been at the forefront of developing and promoting interdisciplinary approaches to understanding architecture, in particular through our expertise in inventively using archival methods, Actor-Network-Theory, ethnographic and anthropological techniques, digital mapping and complexity theory to explore the social, economic and political consequences of architectural design.

Our research projects are diverse, and vary greatly in theme and scope, ranging across buildings and cities, temporary and permanent, formal and informal, historical and contemporary, North and Global South, with concern for social inclusivity, the user, the citizen, as well as

the designer, the policy maker, the media and so on.

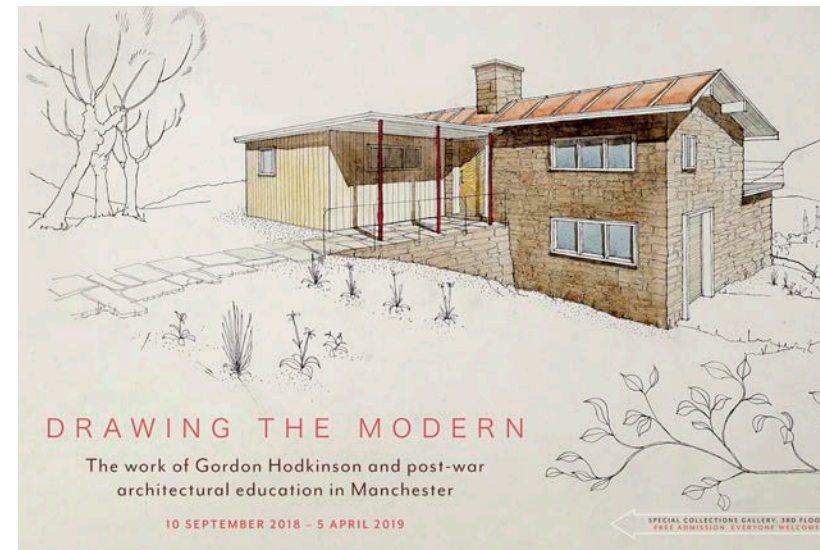
Our research projects sit within the following strands:

- Architecture, Politics and Networks of Expertise;
- Design, Climate, and the Anthropocene;
- The Architectures of Temporality; Event Architecture.

This is just a snapshot of the range of research, knowledge exchange and engagement activities of the School. We are characterised by our diversity and outreach, taking our rich research culture into the wider world and sharing our knowledge and expertise with a broad audience of stakeholders in the built environment.



UnDoing, Wittgenstein's Norwegian Window at the radical Castlefield Gallery



Drawing the Modern - Architectural Education in Manchester

Image: Courtnay Ives and Yiting Zhou - Rochdale by Way of Venice



Master of Architecture

MASTER OF ARCHITECTURE

Programme Leader

Sally Stone

MArch 1 Leader

Amy Hanley

MArch 2 Leader

Vicky Jolley

Professional Studies 1 and 2 Leader

John Lee and Amy Hanley

Professional Studies 3

Rob Hyde and John Hickey

Research 2: Dissertation

Dr Ray Lucas and Dr Stephen Walker

Research 1: Methods

Dr Lea-Catherine Szacka

and to prepare the course and the students for future developments within the profession. The majority of the compliant ARB/RIBA prescribed requirements have been moved into the first year, thus encouraging the students to intrinsically understand the process of designing a building. This forms a substantial intellectual basis for all of the participants on the course, and thus liberates the second-year students to really pursue a creative and innovative thesis project that evermore stretches them and the diversity that is inherent within the programme. This timetable encourages the students to think laterally and to develop projects that truly encompass the levels of multiplicity fundamentally contained within the subject of architecture.

This change within the programme has been accompanied by a substantial increase in the number of students studying on the MArch, so now we have almost 300, and next year, it is expected that this will rise further. This has been a wonderful opportunity to enlarge our portfolio of Ateliers - to really celebrate the diversity of the profession and reflect this multiplicity within the education that the MArch programme is able to offer.

This year the Master of Architecture celebrates the completion of the first cycle of the new programme. The position of the architect within the industry has over the last generation radically changed; architecture has evolved into an heterogeneous subject, highly diverse in character, containing multiple angles, and many distinct areas. The MArch programme has been reorganised to reflect this progress,

We now support eight ateliers, each has a particular focus, but importantly, all are tied directly back to the question of architecture. So, we have projects that range from intimate contextual examination to massive infrastructure projects, interactive community engagement to algorithm generated structures, landscape and urbanism projects to interactive facades plus projects that involve interaction with artists or the LGBT community. All of the ateliers are research driven and outward facing. They are underpinned with high quality, highly focussed theoretical investigation, but also, all ateliers have established direct relationships with outside partners; local, national and/or international. This means that the programme is constructed upon a substantial interactive base that ties the students to the city while also encouraging them to look beyond the horizon.

Thus the programme is in a position to embrace the next massive development within architectural education: the apprenticeship scheme. These will begin in the upcoming academic year and will allow the home students to work in practice while completing the programme. This will lower the financial outlay that these students will have

to make, while making no reduction in the quality of the education on offer. Importantly the MArch structure can seamlessly accommodate this exciting development while integrating it with the motivating, diverse and intellectually stimulating programme that the full-time students follow.

COMPLEXITY, PLANNING & URBANISM

Staff

Ulysses Sengupta, Filippos Filippidis, Eric Cheung, Siobhan Barry,

MArch 2

Aatikah Esat, Adrian Todorov Dimov, Annabel Macleod, Dylan Thompson, Huang Zhenyu, Inessa Frolova, James Lowsley Williams, John Foley, Lars Christian Ols, Liam Bright, Lowell James Clarke, Mohit Chhajaj, Nur Amalina Binti Rashdi, Obinna Springer-Williams, Pranav Radhakrishnan, Russell Louis Pollard, Sevdalina Valentinova Stoyanova, Valdona Svirskaitė, Veselina Aleksandrova Petkanova, Yukun Li, Zhang Mingjun, Zhana Krasimirova Petrova.

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With thanks to

Solon Solomou, Sigita Zigure, Mahmud Tantoush, Professor Thilo Aschmutat (Hanover), Samuel Bland, Adam Brennan, Shanaire Blythe, ARUP, BuroHappold Engineering, Manchester City Council, Ashley McCormick, Matt Doran.

Sponsors

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See

**www.complexurban.com
Twitter: @complexurbanism**

Overview

Complexity, Planning & Urbanism [CPU] develops new theoretical approaches & computational tools using a complexity science framework (systems, self-organisation, emergence, intelligence, structural change, adaptation) for the design, management, governance and understanding of future cities related to climate change, citizen participation, development strategies, resilient interventions, policy making and urban morphology. Computational methods are used to expand the realms of static design methods and theory by enabling

a temporal and dynamic process.

The masters atelier is strongly linked to the CPU-Lab where research into frameworks enabling the development of new approaches takes place. Our research is transdisciplinary and currently spans Future Cities, Smart Cities, the Internet of Things, agile governance and cities as complex adaptive systems.

Current funded research projects are 'Synergy' (Autonomous Vehicles) - Innovate UK, 'Synchronicity' (IoT) - H2020, 'CityVerve' (IoT) - Innovate UK, 'DACAS' (Data and Cities as Complex Adaptive Systems) - ESRC Strategic Network of transdisciplinary researchers spanning Japan, China, UK and Brazil, SASSI (Urban infrastructures in China) – NERC, TOSSIB (Urban infrastructures in Brazil and India) – Royal Society.

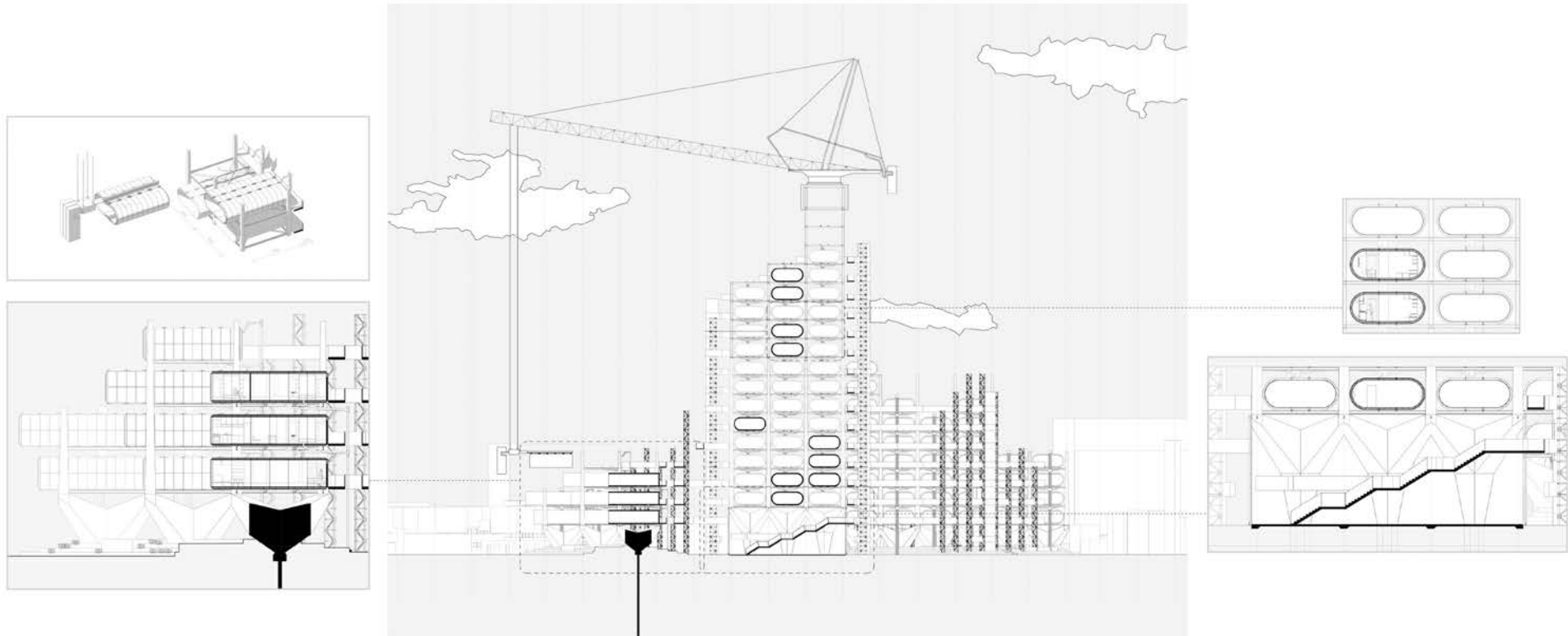
CPU Yr1

In project one, the CPU Yr1 explored DfMA using BIM from day one to understand how digital design could complement off-site manufacturing and modular construction in high density housing. In project two students explored the limitations of a re-use project on a constrained (listed) site,

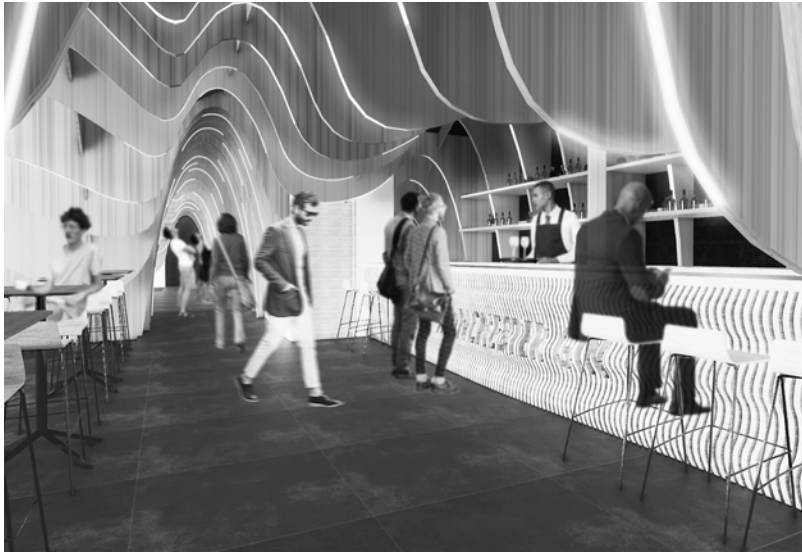
in direct contrast with computational design methods and fields theory.

CPU Yr2

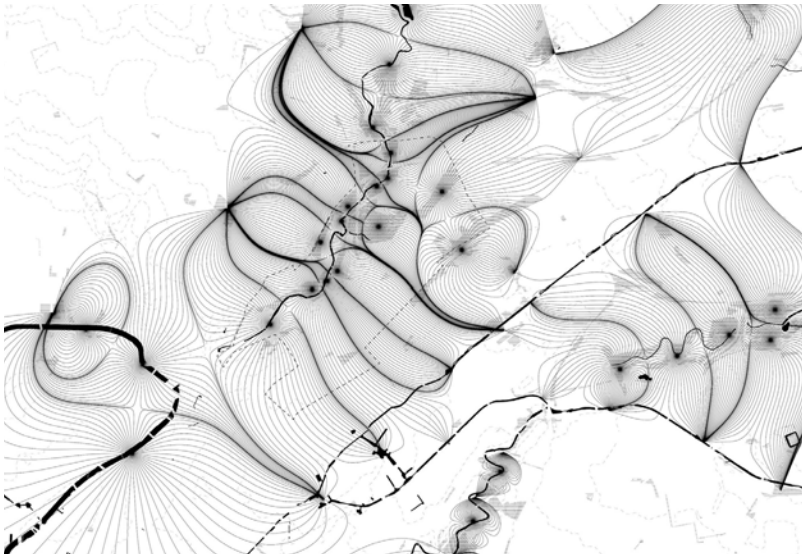
This year saw a year-long collaboration with Manchester City Council and the Northern Gateway management team. CPU Yr2 explored how a synthetic agent-based population (as the majority of the population who would move there with 15,000 new dwellings being planned were not yet available for comment) could be created to understand the demands for new development on the Northern Gateway site. The spatial and physical aspects of the site were explored from a sustainable development perspective with a focus on different aspects (low carbon, walkability, permeability, ecological balance, biodiversity, flood risk, etc.) for urban transformation pathways towards desirable future cities.



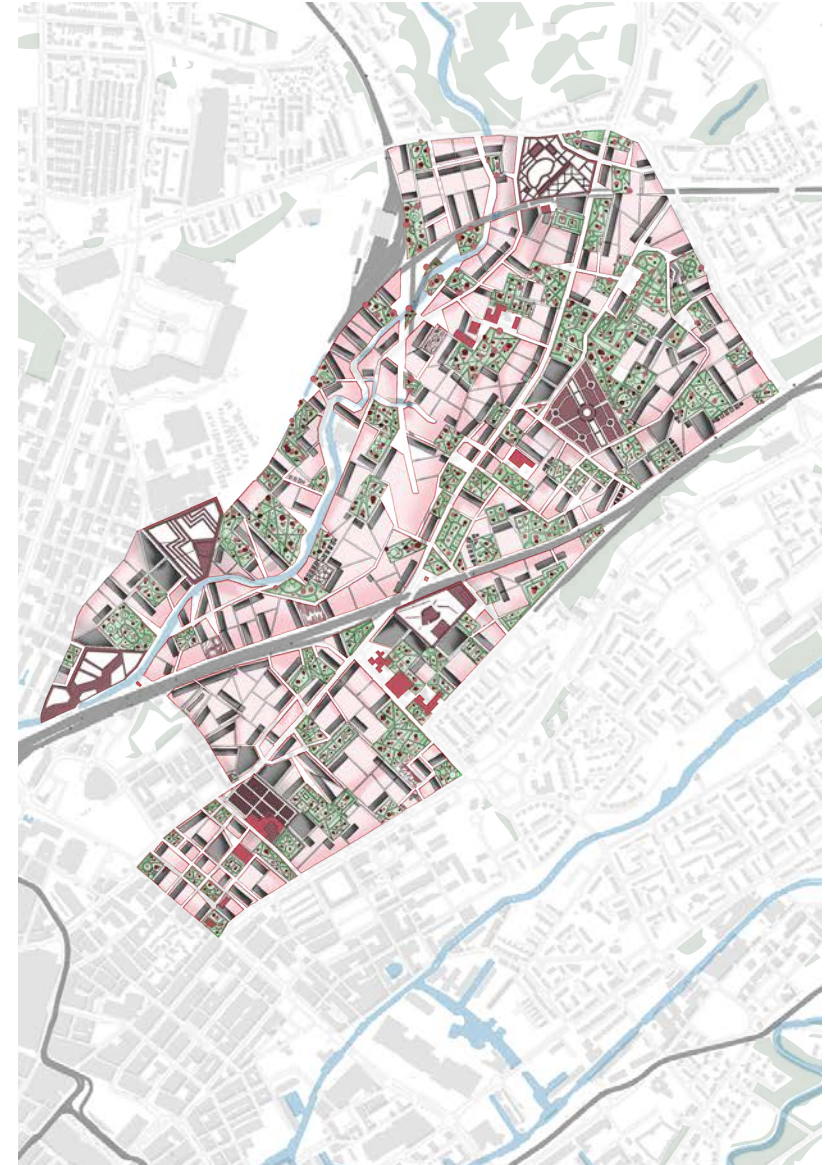
Michael O'Reilly, Carol Jungsi Sun, Maxine Yingying Zhou
'Adaptive Density: 2057' (PS1)



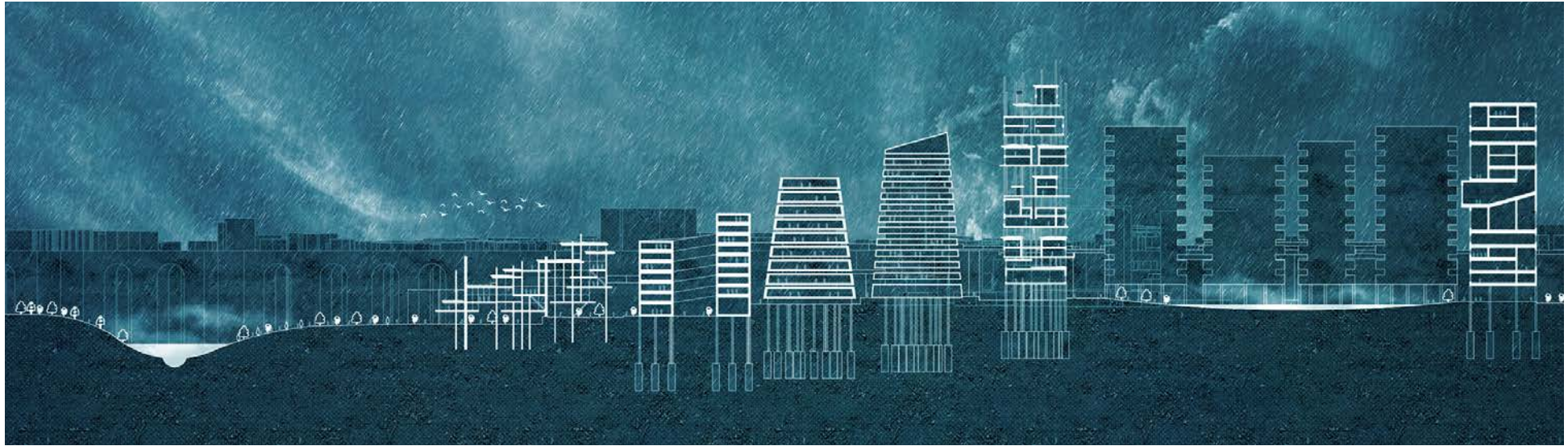
Adam Chown, Dan Cruse, Ben Sayers (PS2)



Valdone Svirskaitė - Charged field between the habitats and the water source



Veselina Petkanova & Annabel MacLeod



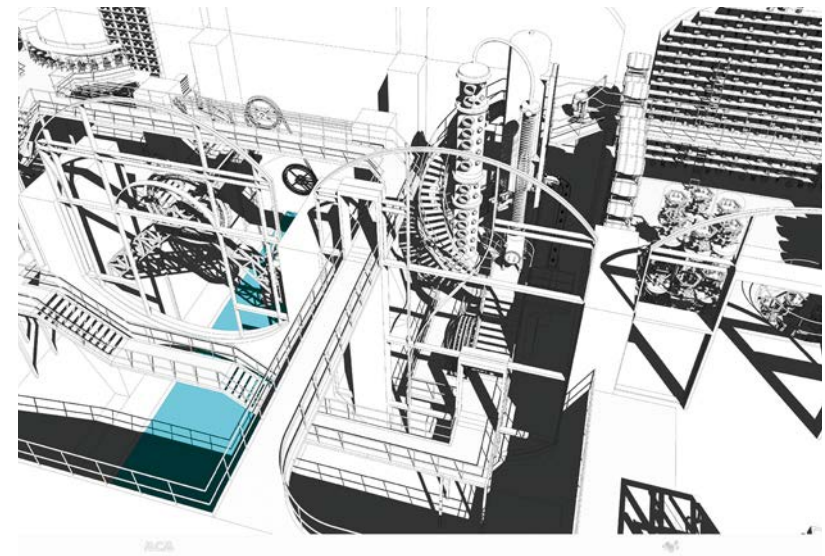
John Foley - Ecological Resilience

Manchester School of Architecture

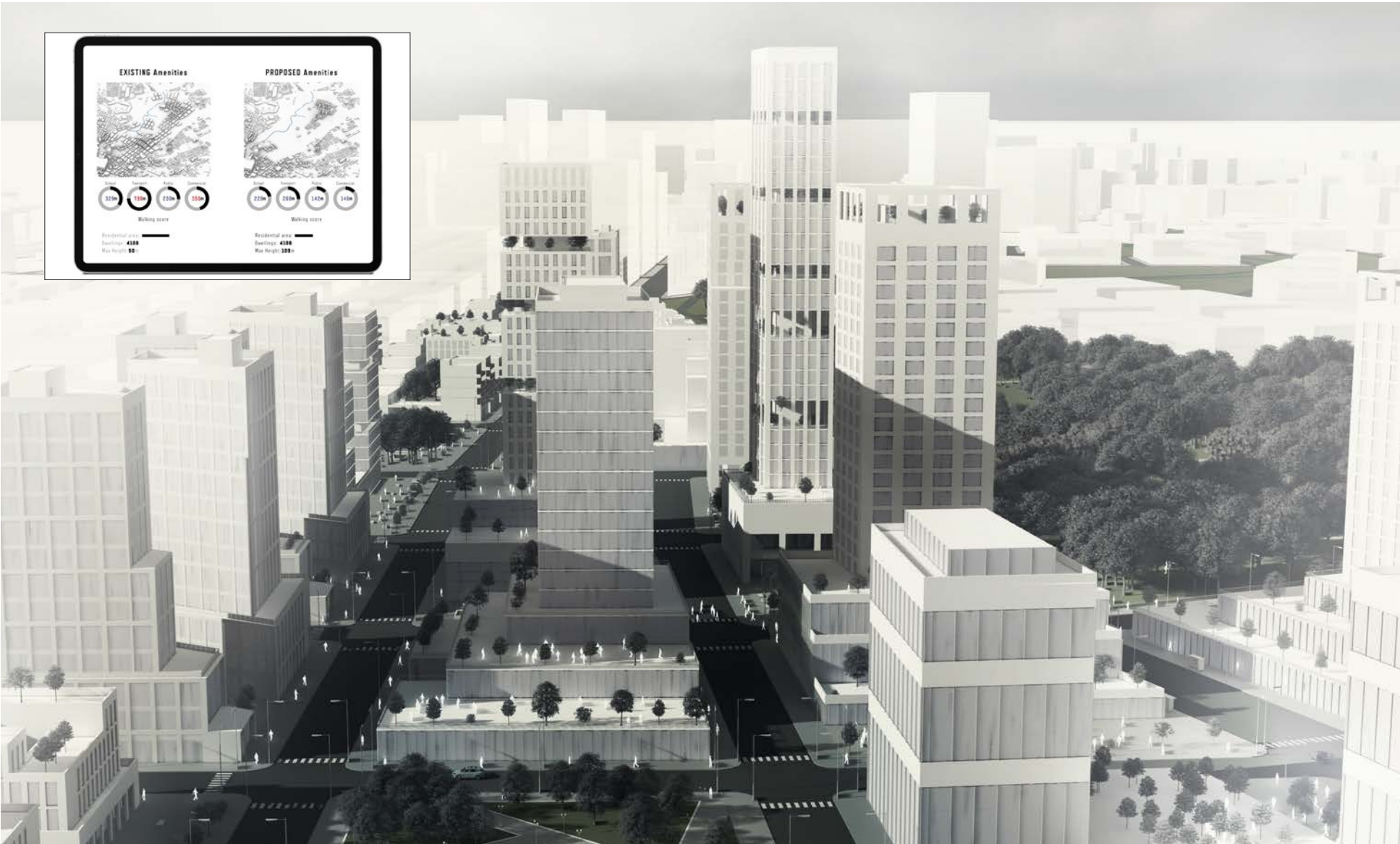
Manchester School of Architecture



Adam Chown, Dan Cruse, Ben Sayers (PS1)



Michael O'Reilly, Carol Jungsi Sun, Maxine Yingying Zhou - INDUSTRIAL RE-EVALUATION



Manchester School of Architecture

Manchester School of Architecture

Sevdalina Stoyanova, Adrian Dimov - "Low Carbon Urbanization"

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MArch 1

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Guests

David Cox (David Cox Architects), Gary Colleran (Turner), Malcolm Fraser (Malcolm Fraser Architects), Kate Darby (Kate Darby Architects), Tom Cookson (Hall McKnight Architects), Ed Robertson (JR Architects), Adam Jones (Squire & Partners), Rochdale Council, Kaija-Luisa Kurik, Nick Barton, Neil Eccles, Jonathan Hindle, Barry Worrall (Champness Hall Trust)

Rochdale by way of Venice

'The name of a city's streets and squares, the gaps in its very plan and physical form, its local monuments and celebrations, remain as traces and ruins of their former selves. They are tokens or hieroglyphs from the past to be literally re-read, re-analysed, and re-worked over time.' (Boyer, 1994)

For centuries, people have reflected on the challenge of creating controlled and conditioned environments for social relationships in buildings. With our ancestors, we live under the same sun, shelter from the same rain, and resist buffeting from same wind, and yet within contemporary architecture we multiply resources and invent more complexity in solving these problems.

The Atelier of Continuity in Architecture at the Manchester School of Architecture was established in 1993 as a studio for teaching and research, focusing on this manner of understanding sustainable design adapted to new buildings and public spaces within the historic city and existing structures. In terms of architectural theory, Continuity in Architecture from its roots in Contextualism (Schumacher, 1996) and uses place as the starting point for every project. We develop proposals for buildings through the analysis and translation of the particular location.

As an extension of the Atelier's wider research project on Small Settlements and their evolution, Continuity in Architecture has this year been working with Rochdale Council, birthplace of the co-operative movement. The partnership arose from a desire on the part of the Council to raise the profile of their 'Heritage Action Zone' regeneration programme for Drake Street, and specifically to generate creative solutions for the edge of town centre quarter. A major exhibition of more than 40 projects was held between June and August 2019 in the Council Offices.

The work on display by this year's students builds on the atelier's character

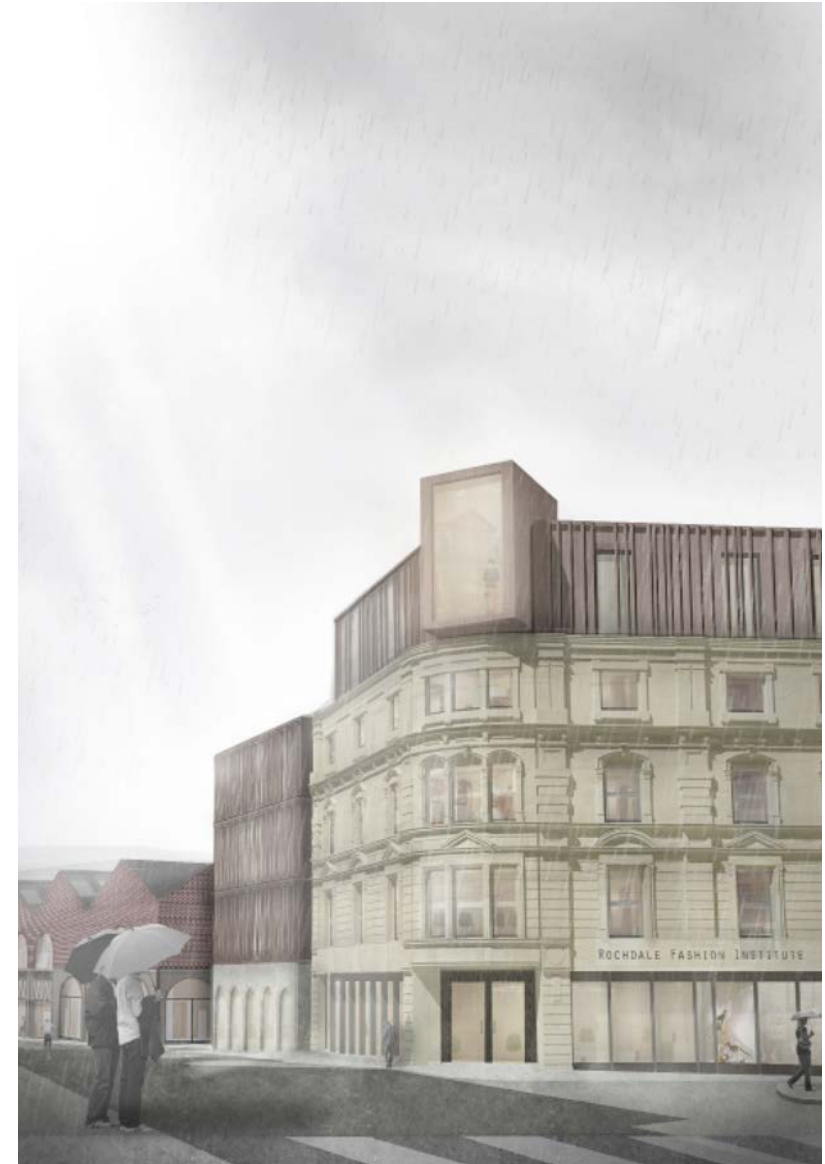
and strengths. It is work that has serious intent, social engagement, technical prowess, stylistic verve, and not a little humour. The students take delight in crafting buildings, spaces and components that amplify the past, serve the present, and prefigure the future. The outcome is a vision of a renewed Rochdale that takes the best of what is local and loved, and a vision that is, appositely, co-operative.



Dave Cross and Riccardo Orsini - Rochdale Railway Station.



Erin Edmondson and Jim Rapanut - Oldham Gate. Housing in Rochdale



Conor King and Trevor Stevenson - Fashion Corner and Rochdale Makers Market, Drake Street.



Yuansui Ling - Working in Rochdale.



Shadath Chowdhury and Olivia Marshall - Techne, view from the upper level of the main hall.



Natasha Keqin He - Champness Hall



Chin Kiu Justin Chung & Daria Pavlova - The Drake Sanctuary, residence approach



Hugh Gibbs - Rochdale Gateway, proposed train station and co-working offices.



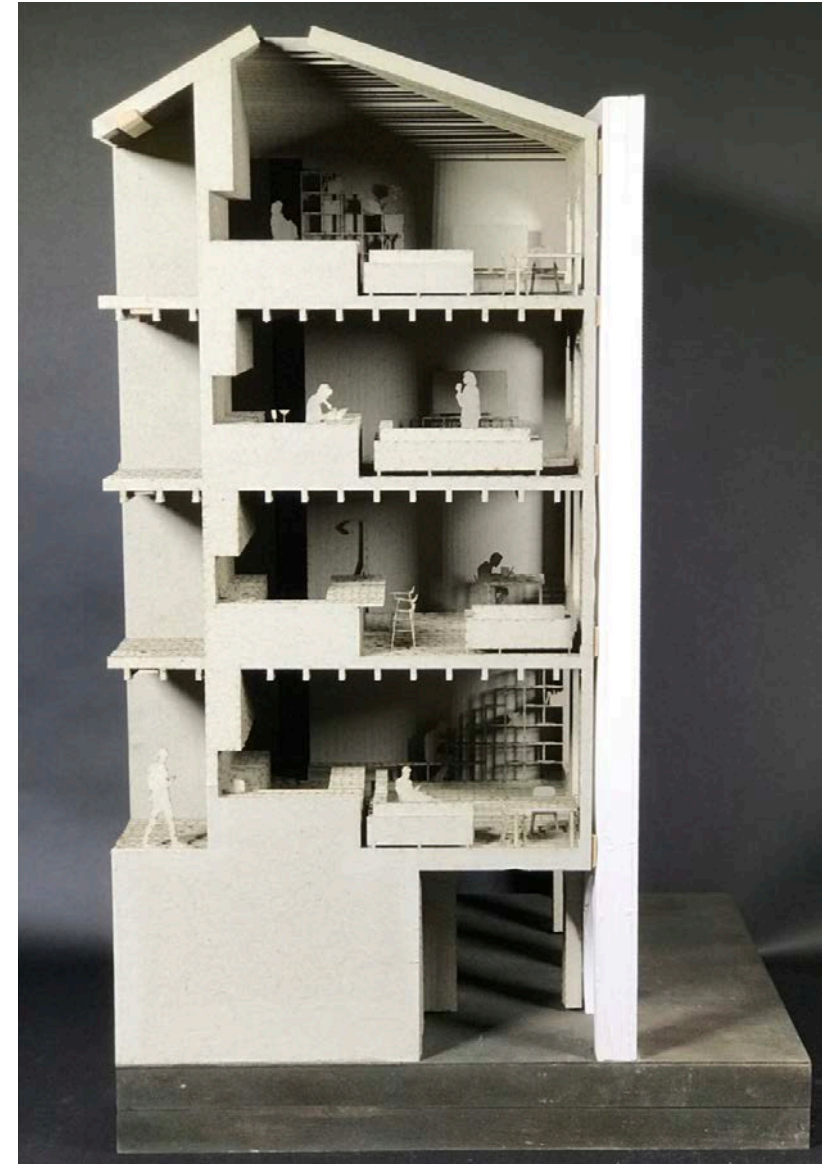
Abdullahi Banye and Ben Harmer - Drake Quarter



Jingchun Xu - Living in Rochdale.



Tara Aveyard and Laura Gonzalez - Transforming abandoned territories.



Luke Anderson & Jake Vogtlander - Sectional Model.

INFRASTRUCTURE SPACE RESEARCH GROUP

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Jack Penford-Baker (Hawkins\Brown)

Jason Boyle (Sellafield Ltd)

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Andreas Leonidou, Jack Moloney,

Steffan Morris-Hernandez, Justin Tan,

Amy Whitmore, David Williams, Jack

Williamson

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Joseph Carter, Kelly Cheung, Connor

Forecast, Lauren Gabbitas, David Jones,

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Kumalwisai, Alistair Lewin, Josphe

Maguire, Jonathan Ngan, Stephanie

Phillips, Nadia Pinto, Tilman Postpischil,

Jorge Reynolds, Joseph Shepherd,

George Sims, Isaac Timson

The focus of the Infrastructure Space Research is space: the field in which architecture is situated. We are interested in the social, economic, political and environmental frameworks that underpin the operation and performance of this field and inform spatial and material interventions made within it. We are also concerned with infrastructure: physical and digital, edifices and networks, which exist as visible and invisible components with the ability to activate space.

We adopt a three-tiered design research methodology. We interpret design research as investigatory or exploratory work which contributes to knowledge and has impact. Our methodology combines data analysis and spatial representation with design as a means of testing and analysing models through three, dynamic and reciprocal stages: Spatial Analysis, comprises data analysis and contextual studies to generate an understanding of the performance and operation of space, networks and buildings. Design Exploration, uses the design process to explore and appraise solutions to specific spatial, cultural and architectural problems. Critical Study, includes the

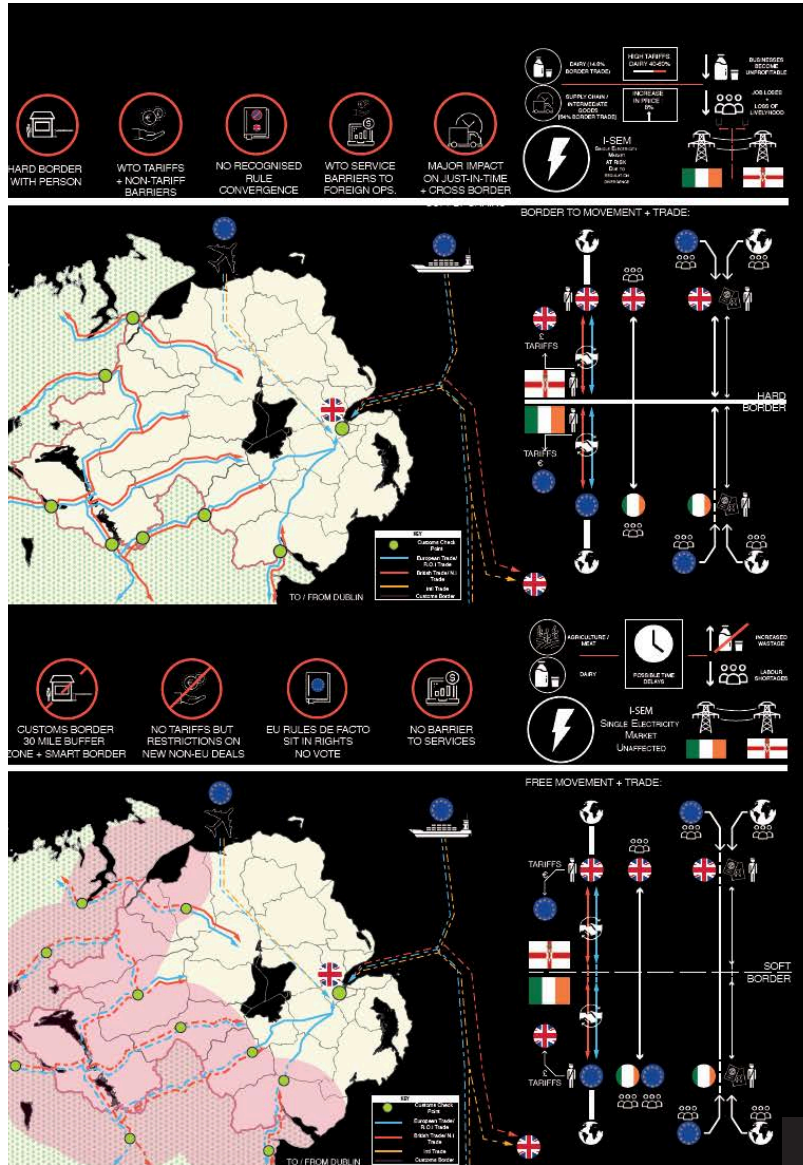
dissemination of findings, reflection on the wider implications of these and the development of further research.

Brexit and Dispersed Urbanism

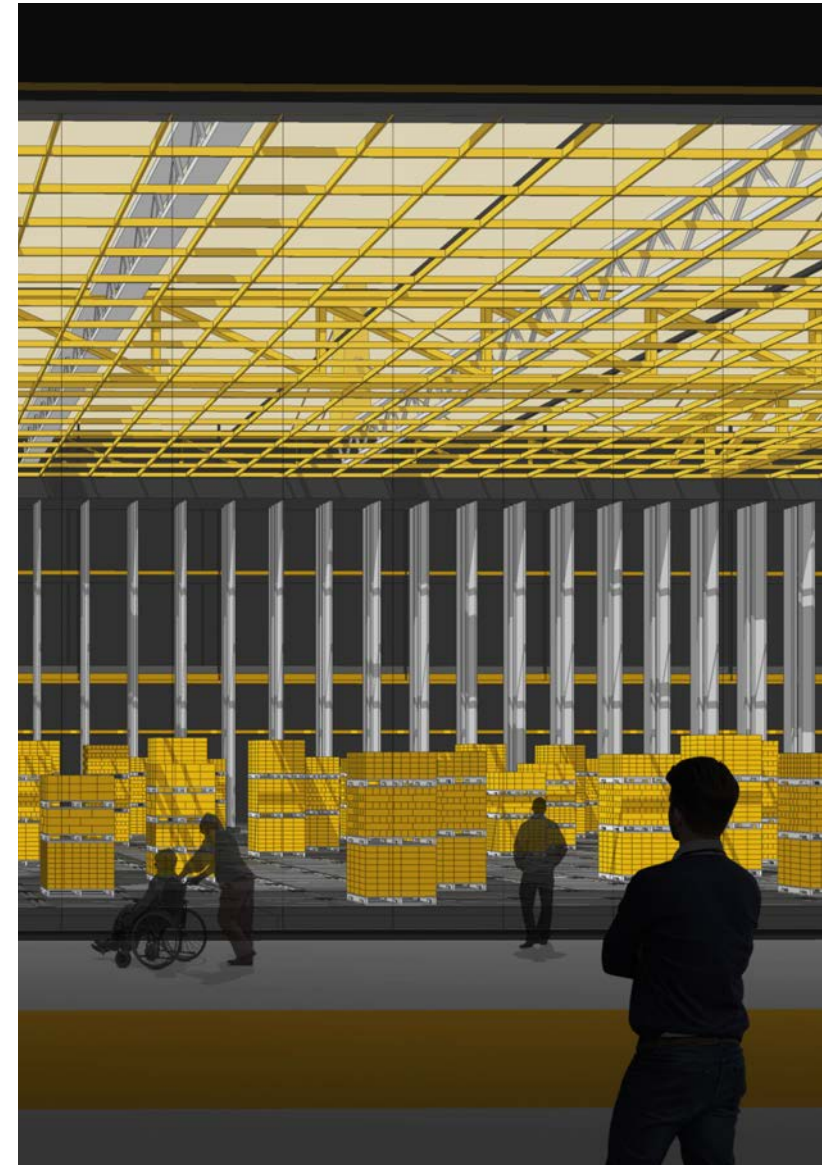
Over the past two years, our research group has used thematic explorations to study the limits of the city through regional spatial analysis. Through this work, we have revealed and coined the emerging spatial phenomenon of the Hyper-Dispersed City, evident in the Scottish Highland and uncovered regional scale characteristics of Howard's Garden City present in Cornwall and the Isles of Scilly. These investigations and findings help to understand present conditions and provide a starting point for culturally responsive architectural and urban design proposals which lead to effective and sustainable projects. This year we turned our attention to the United Kingdom-Republic of Ireland border in the context of Brexit and the UK leaving the European Union. Investigations spanned digital, celestial and geographic space to understand limits of production, exchange, healthcare, livability, mobility in a complex and evolving political landscape. This work was based on fieldwork, a full traverse

of the 499km of the border, triangulated with thematic data mapping of Health, Demographics, Trade and Transport, and Economics.

Parts of this work have been presented to the Irish Parliament and have formed the basis of further work and proposals for infrastructural interventions across the island of Ireland. This project explicitly addresses the opportunities and challenges of Brexit and the role of infrastructure responding to the potential changing status the UK-Ireland border.



Wei Jie Justin Tan - All Ireland Fulfillment Centre



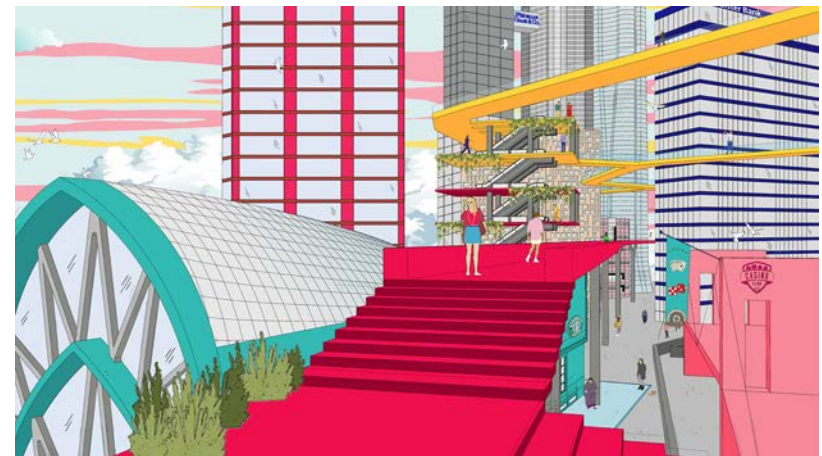
Wei Jie Justin Tan - All Ireland Fulfillment Centre



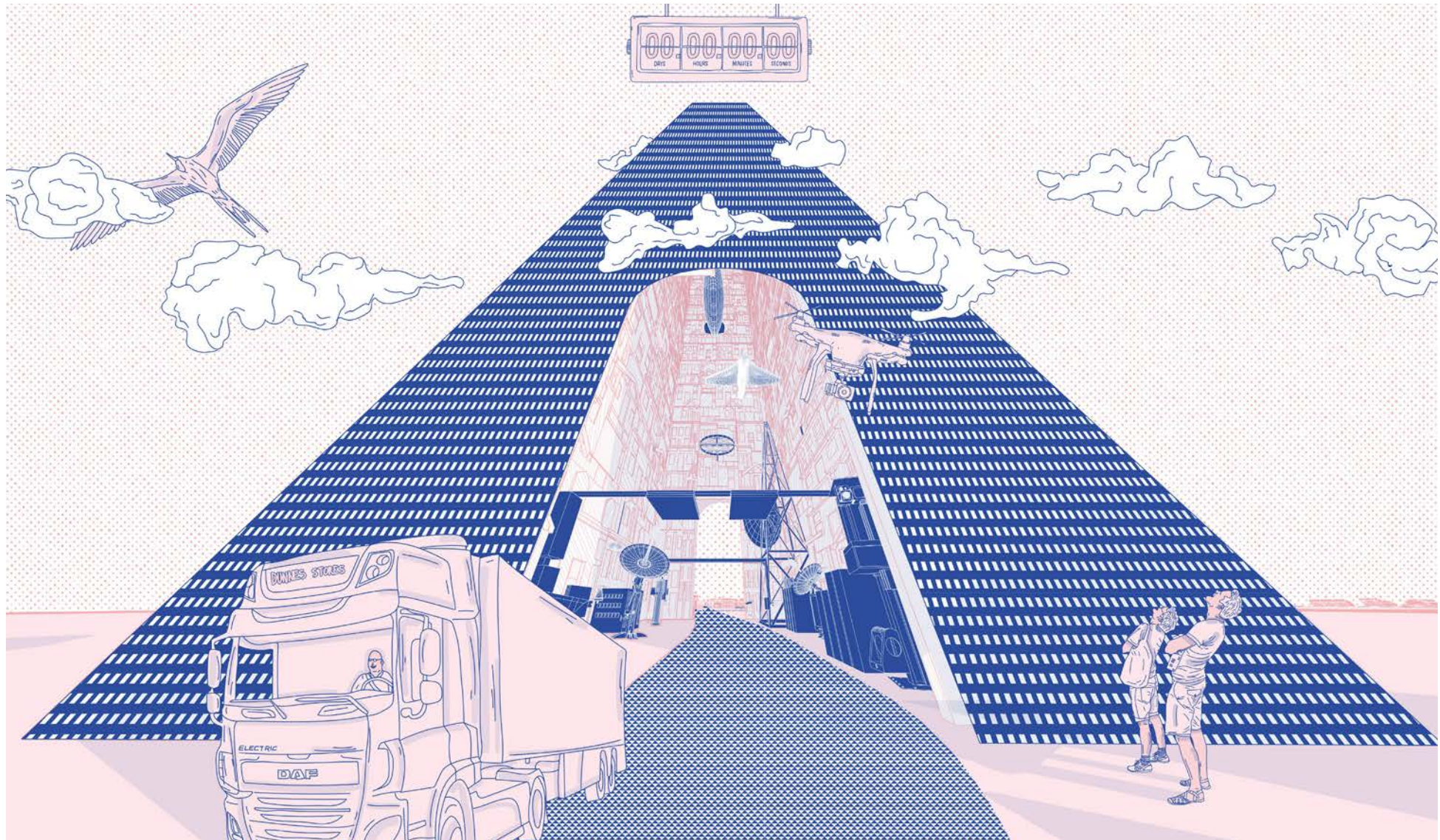
Sam Buckley - The Irish Mobility Scape



Nathan Edge - Gateway Ireland



Amy Whitmore - Warren Point Vertical Zone



Andreas Leonidou - Tibos The Irish Border State



Connor Forecast, Isaac Timson and Jonathan Ngan - Borderlands Electricity Network



James Kennedy, David Jones and Jorge Reynolds - [Super]Market



Kalong Cheung, Nadia Pinto and Alistair Lewin - Cancer Knows No Borders

LULU: LANDSCAPE AND URBANISM

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Vicky Payne
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MArch 1

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Alexandra Bright, CBRE
Tom Smith, CBRE
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Ashley Anderson, CBRE
Tom Bloxham, Urban Splash

LULU Landscape & Urbanism is a newly formed MArch atelier embedded within URBED+, a wider partnership between Manchester School of Architecture and award-winning consultancy URBED. URBED+ is an innovative, cross-sector vehicle that combines academia and practice to pursue research, advocacy and education. Through URBED+, the atelier benefits from both cutting-edge research and practice-based knowledge, across the wide range of specialist disciplines pertinent to its agenda, including urban design, landscape architecture, architecture, planning, sustainability and real estate.

Urbanism is complex, conflictive and multi-disciplinary. The client is multiple, control is partial, the program indeterminate and there is no state of completion. The primary aim of this atelier is to prepare students to understand and to successfully

participate and intervene in this process of urban design. In combination with design tutorials, focused specialist workshops target specific skills and knowledge, including 'Density, Layout and Typology', 'Sustainable Urban Neighbourhoods', 'Environmental Design & Performance', 'Landscape & Public Space Design', 'Theory', 'Walking as an Urban Design Tool', 'Financial Feasibility' and a 'Masterplanning Masterclass'.

MArch 1

Students in their penultimate year pursue projects with a nested approach, exploring the dynamics of the relationship between urban design and architecture. First, they collectively develop a group masterplan, this year in Stockport, and then sequentially blocks, streets and individual plots within that in increasing detail. Ultimately each student has one plot within which to innovatively re-imagine the terrace typology for contemporary times whilst working co-operatively within the constraints set by the group masterplan. This process allows them to examine mechanisms for achieving both a coherent public realm and architectural creativity. For their second project, students work on a landscape driven project, designing the re-use of public space at Merseyway Shopping Centre and associated adjoining retail units. This equips students with principles and

abilities in landscape design as well as an understanding of the relationship between public space and architecture.

MArch 2

For their final year projects, students are introduced to different approaches to intervention in urban areas through theories and principles in urban design, tools and techniques of analysis, and the knowledge and skills for designing urban areas and negotiating the implementation of those designs. This year students worked with sites in Liverpool, Glasgow, Manchester and Shenzhen. Initially working in teams, they first produce in-depth reports analysing physical, socio-economic and cultural factors. Students then individually create a theoretically driven urban design framework to guide strategic, long-term goals for the wider city region, followed by the evolution of part of this framework into a masterplan - a three-dimensional product and a process of implementation to achieve that product. The masterplan design considers, in varying levels of detail, activity patterns, built form typologies, open space types and hierarchies, movement types and channels. The implementation process considers timescale, phasing, costs and value of development and participating agencies. Particular attention is given to issues of landscape, transportation and development finance.



Stockport Masterplan Model - PS1



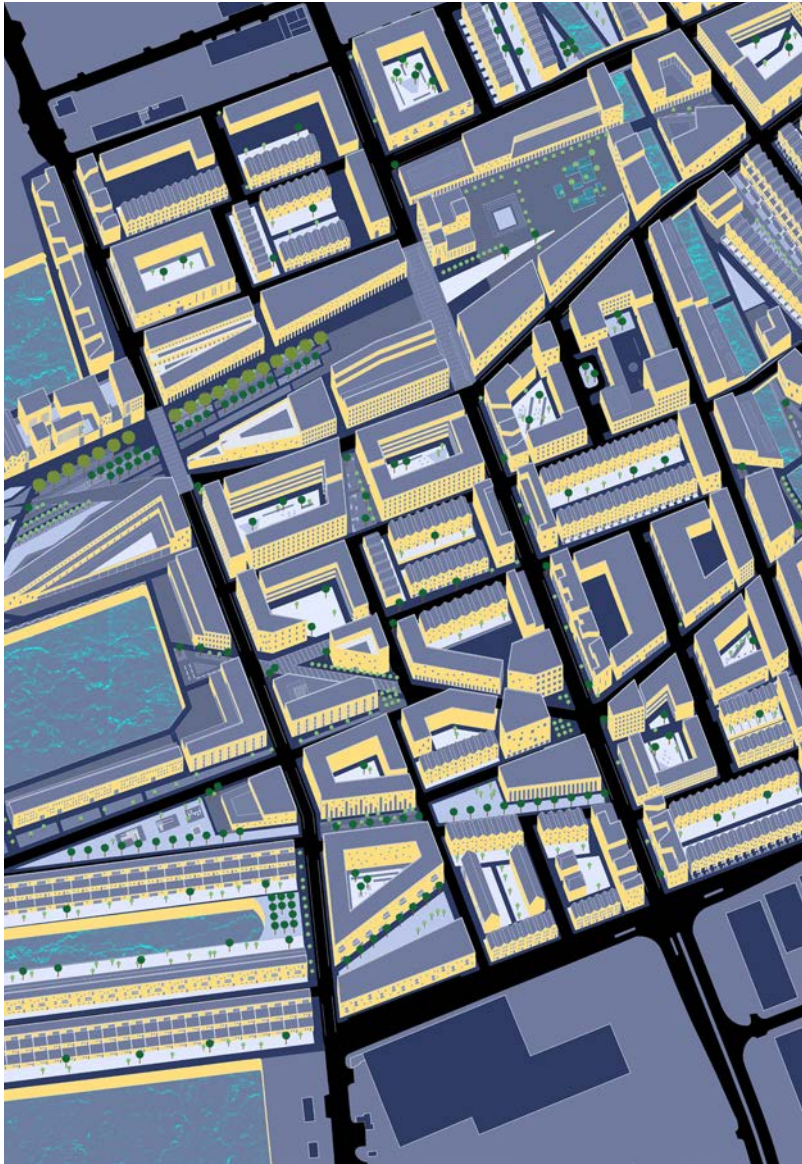
The Street - PS1



Jessica Abbott, David Wilkinson, Alice lu and Daniel Steel - PS2



Bubusara Abekova, Florence Booth, Christine Guan, Josh Jenje and Tamara Keoshgerian - PS2



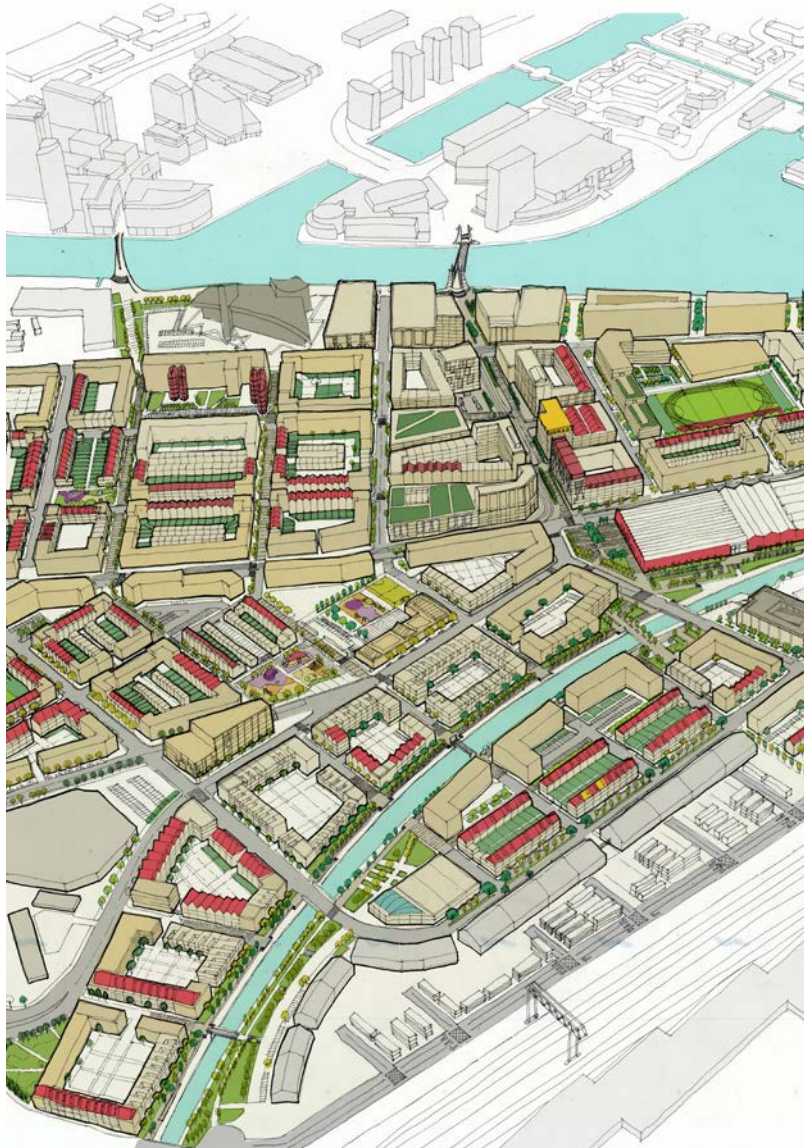
Bank Hall Masterplan - Space is the Machine, Marcus Yeoman



Liverpool Gate - A Transit Oriented Development Model, Muhammad Hamman Bin Mohd Ghazal



Port Dundas - Life within Superblocks, Reshmy Easwaran



Traffordside Redevelopment Project - Muhammad Faris Bin Mohd Sabr



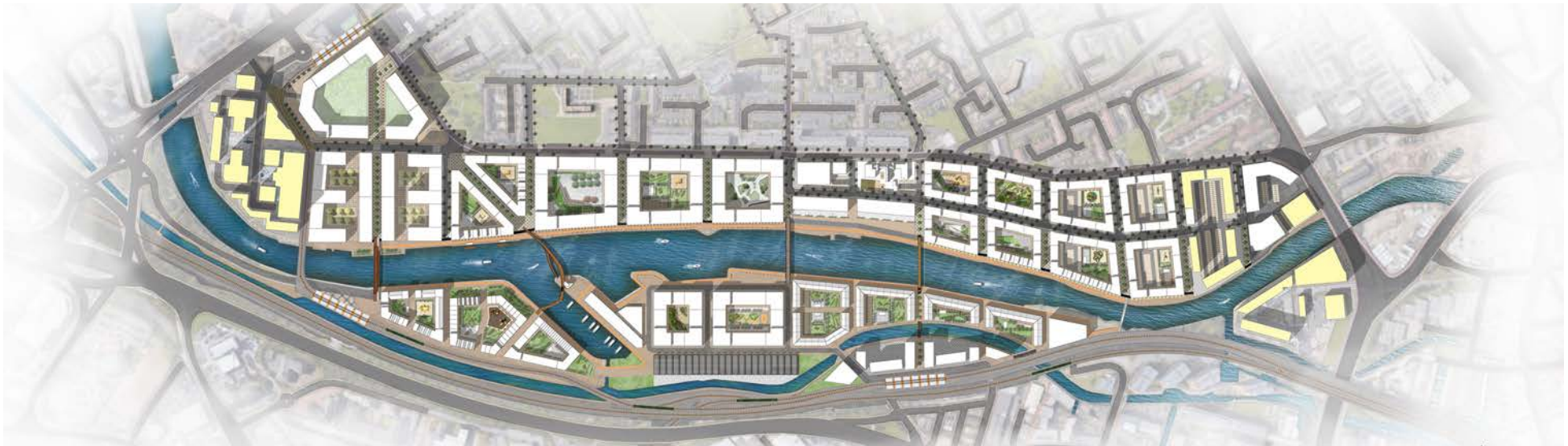
Experiments in Power and Built Form - Futian Development Masterplan, Nathan Cowley



Organised Chaos, Shenzhen Masterplan - Laura Haigh



Springburn, Redefining an urban centre - Rebecca Rose



Pomona Island - Youhong Lin

PLATFORM

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MArch 2

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Platform would like to thank our collaborators

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Francesca Froy, Bartlett School of

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Genevieve Marciniak, British Council

in Venice, Lucia Pedrana, European

Cultural Centre, Venice; James Saywell,

Ian Standring, WSP; Mario Driossi,

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Manchester; Jim Backhouse, Scott

Miller, B.15 Modelmaking Workshop

University of Manchester Estates Team

In M.Arch, Platform projects are test beds for exploring, experimenting and interrogating architectural research questions through design of spatial propositions. Projects engage with contemporary issues and opportunities in the discipline and profession of architecture and arise opportunistically from our network of collaborators. Each project explores contemporary design methodology; contemporary

material (and immaterial) systems; and programmatic design contexts that act as testing grounds as well as providing their own inherent research interest.

Design methodologies focus on observational, experiential and ethnographic techniques, in tandem with computational and algorithm aided design and the exploration of representational techniques.

Professional Studies (PS) projects this year focused on the design of architectural environments, initially through studies of the residential villa typology in Victoria Park, Manchester that developed into prototypes for zero-energy residential projects for the U.S. Department of Energy competition (Solar Decathlon). Projects involved detailed environmental modelling and architectural design in collaboration with leading consultancies. Our shortlisted team presented their project in the final round of the competition in the U.S. in April.

The second PS project employed the environmental modelling skills acquired in the first to design contemporary workspace environments for the Manchester Town Hall refurbishment, and also focused on the representation

of space and its communication to stakeholders and end-users as part of soft landings strategies.

Studio thesis projects began with introductory visits and workshops on algorithm aided design and ethnographic methods. These were employed on a small pavilion project and the Buildings as Material Banks competition that focused on sustainable material use, adaptation and change over time. Our teams won 1st, 2nd and 3rd place at the event in Brussels in February. Subsequently, students elected one of two project briefs to follow:

Project 1 was a programmatic study in 'soft' skills environments in STEM research facilities, working with specialist consultants to develop guides for sustainable designs, capable of responding to change and evolution in the nature of STEM research activities.

Project 2 was detailed investigation of material systems in textiles and their application to contemporary architectural design and sustainable construction. Projects combined physical material studies with digital modelling and form-finding techniques at the scale of the maquette as well as architectural scale.



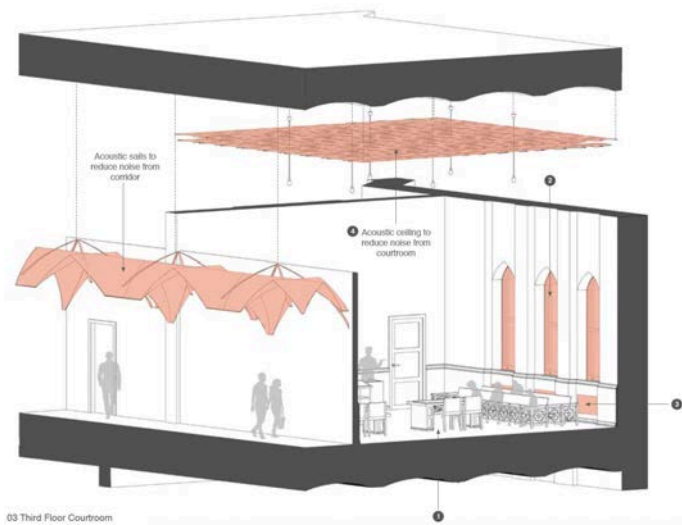
PS1 Group Work, Finalist in US DoE Solar Decathlon Competition



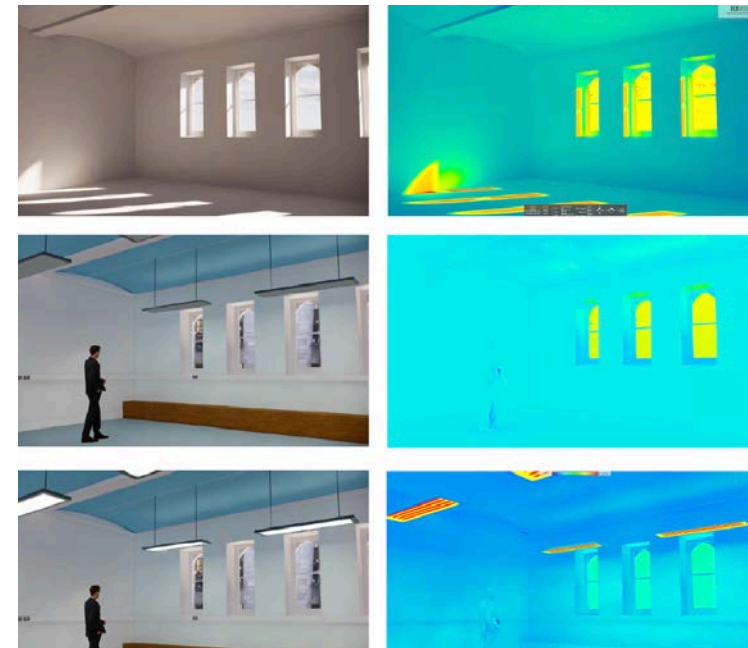
PS1 Group Work, Finalist in US DoE Solar Decathlon Competition



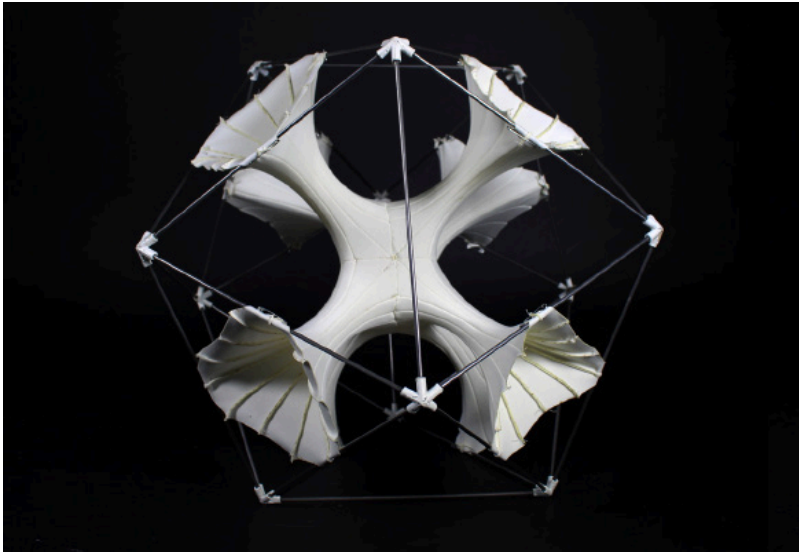
PS2 Emily Fettes - Manchester Town Hall, Coroner's Court



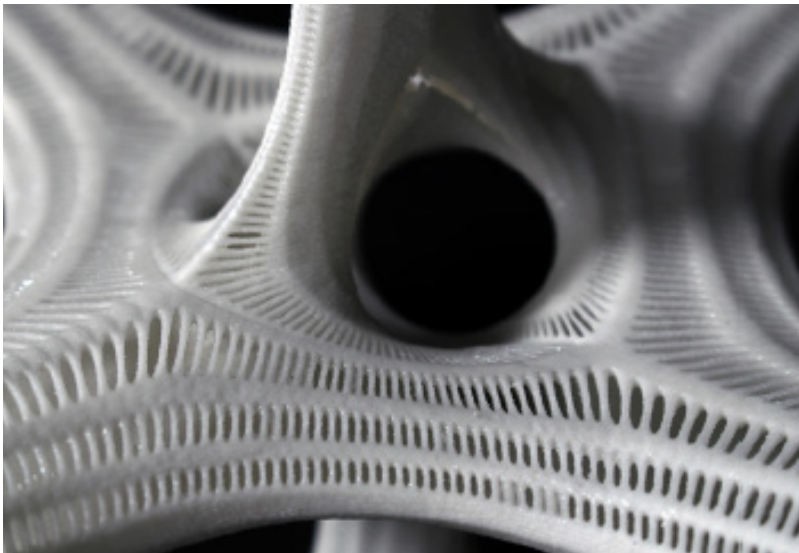
PS2 Kate Silvester - Manchester Town Hall, Coroner's Court



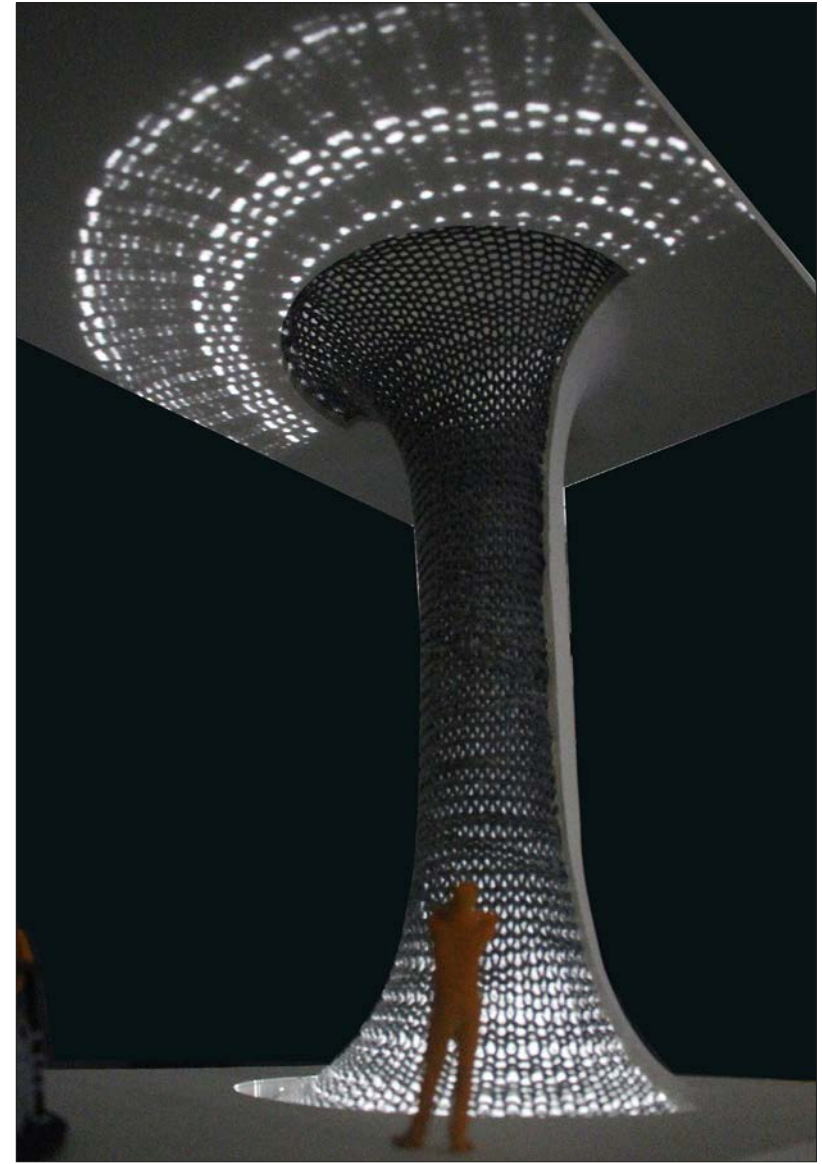
PS2 Anahita Mohammadkhani - Manchester Town Hall, Environmental Studies



Andrew Chung - Material testing in tension fabric



Andrew Chung - Material testing in 3D Print



Andrew Chung - Material testing in knitted fabric

PRAXXIS

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Harrison and Su Stringfellow (Harrison
Stringfellow), CAUKIN Studio, Matt
Shanley (GA), Matt Hargreaves (Mount

Anvil), Ellie Howard (Greater London
Authority) and White Arkitektur.

PRAXXIS is an all female led feminist studio atelier and research collective at the MSA in BA3 and the MArch years 1&2 with roughly a 75/25 gender split of students.

PRAXXIS takes a proud and pretty loud feminist position of Intersectionality and its complex matrix, and have created a platform where our students feel safe to have their multiple voices heard. It is a platform where theoretical transdisciplinary practices are also set up, a studio space of exchanges and dialogues where you can ask the questions that are not comfortable in other ateliers.

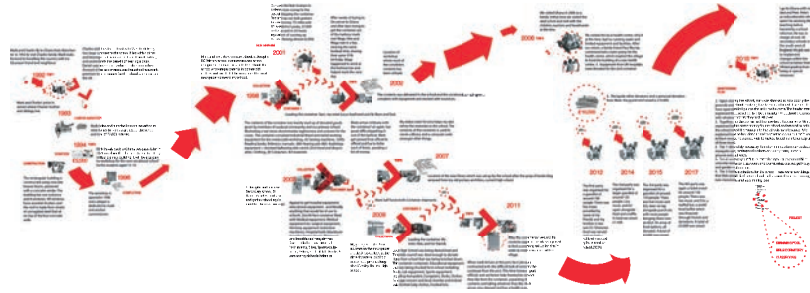
For the year-long thesis project our MArch 2 students have used feminist tools as a way of constructing their own project briefs that always respond to the personal and the political. And then the project emerges from there. We ask what kind of Architect do you want to be? We ask how our students want to practice, not where and not for who... And what form of practice that might be. We hold Feminisms Conversations which act as a supportive and discursive platform to explore a non-binary approach to practice, education and our

profession. Ideally as a more inclusive understanding of how our identity affects our life and our work.

In MArch 1 we have explored Intersectional Housing in MossSide (PS1) and then have remodeled the old Hulme Library building working with local social enterprises as clients (PS2).

Finally, using feminist pedagogy we require our students to create project road maps. With this we ensure that these various driving reflective aspects are constantly discussed, self and peer reviewed. This is something we see as a crucial part of any successful feminist project. Each road map involves the navigation and communication of how and what the students have had to unlearn, learn, then had to re-learn, whilst constantly reflecting and finally evaluating.

In simple terms we are asking all of our students to consider the sites and the briefs through a feminist lens and through this lens we work really hard at making the invisible visible.



Ben Brakspear

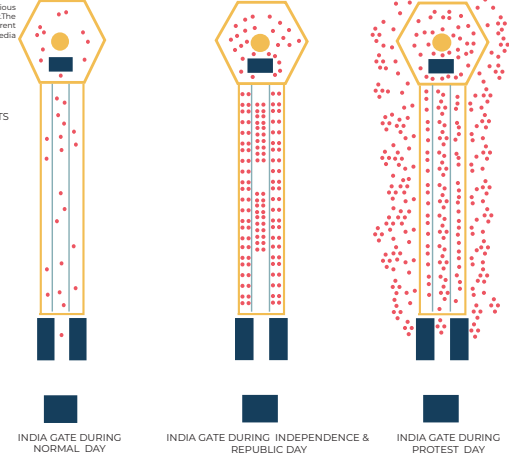


Panayiota Christoforou

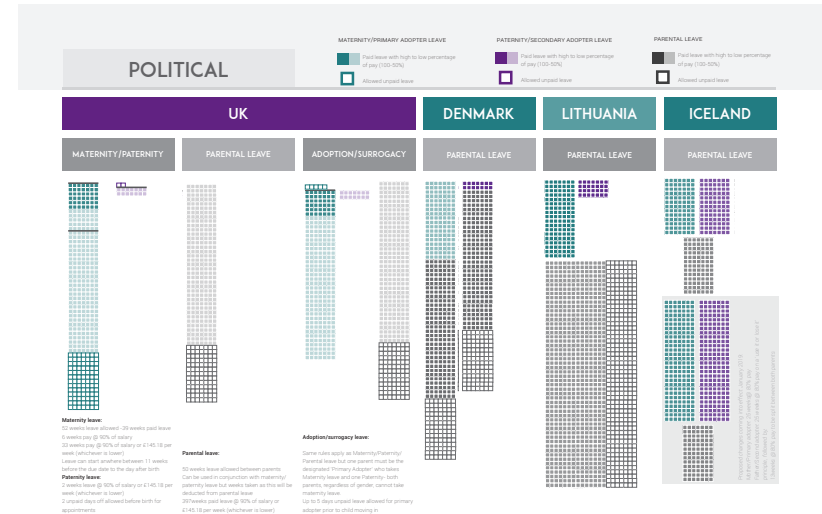
ANALYSIS OF SPACE OF PROTEST - PLAN DIAGRAM OF SCENARIOS INDIA GATE, NEW DELHI

This sheet has diagrams of various scenarios of India Gate on various occasions such as Normal day, Republic day and Protest day. The plan diagram explains amount of crowd varying during different occasions. The crowd include Tourist, People, Police, Officials, Media persons and Protestors. The key of the diagram is given below.

- KEY
- BUILDINGS - INDIA GATE, SECRETARIATS AND PRESIDENT'S HOUSE
 - PEOPLE - TOURIST'S, POLICE, OFFICIALS, MEDIA PERSON'S & PROTESTORS
 - WATER BODY
 - RAJ PATH BOUNDARY



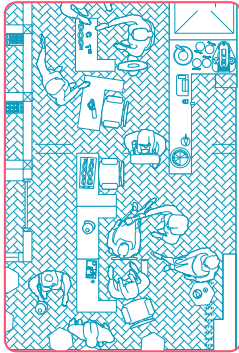
Keerthivasan Thangavelu Srinivasan



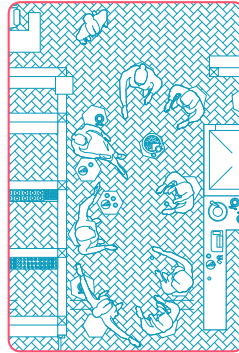
Rebecca Hazard

Hair and Debate

Exploring the 'Salon' as both a debate and discussion forum and an education/hairdressing academy for Black women in Manchester.



210 Plan - Salon Debate



220 Plan - Salon Debate

Manchester's first Afro hair academy, dedicated to preserving the art of afro hair styling. The space gives opportunity for all generations of Black women to learn from one another as they may have done at home.

Principles for action: Empowering communities
Principle 1: Afro hair culture is random black men on the internet telling you that washing beans means I don't love my natural hair.
Principle 2: Design and integrate appropriate infrastructure to enable a programme of events celebrating Afro hair and culture.

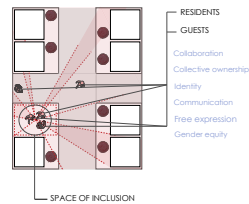
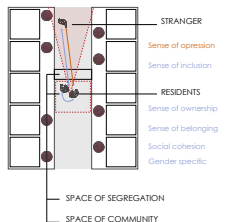
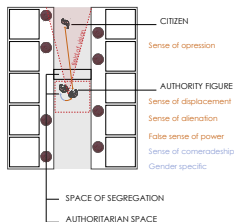
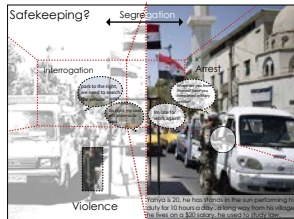
An informal monthly discussion group that engages individuals through debate. Trying to draw out the nuance of the political and personal experiences of Black hair.



Manchester School of Architecture

Vikki Adegoke

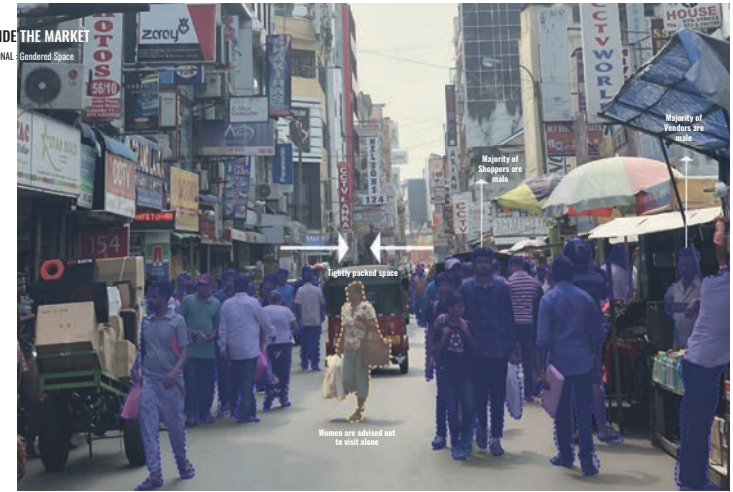
Redefining checkpoints space of inclusion



Yara Zein

FROM OUTSIDE THE MARKET

PERSONAL Gendered Space



Majority of Vendors are male

Majority of Shoppers are male

Tightly packed space

Women are advised not to visit alone

Manchester School of Architecture

Shivani Gunawardana



This guy is observing the street and people observe the gay space.

Gay or LGBTQ+ events are advertised on the street.

There is still space for gay men to drink and enjoy their nightlife.

Gay men gain the courage to show themselves. Less anonymity, however, it is to raise their political voice on the street and city of Seoul.

Gay men bring their LGBTQ+ friends to the poche. Maybe form solidarity!

People now can use the activity inside. They realize how and men use poche is the same as heterosexuals. This is to break the bias ideas on gay men generally spread in society. It could make them think about gay men and start to consider accepting gay men as a person.

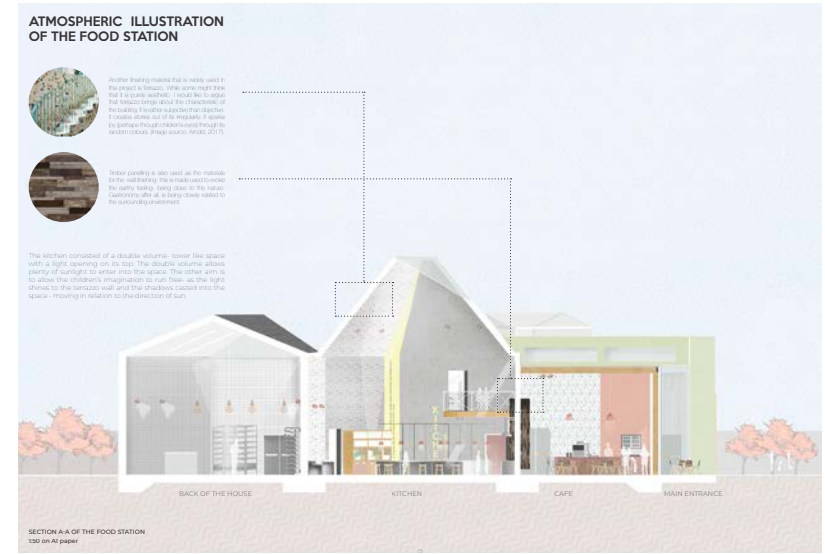
Jaemin Shin



Oliver Matini



Hussein Syed Abdullah Hussain



Adrianna Gilert



Abi Patel

LET'S PLAY A GAME...

The game was created as an introductory exercise aimed at collecting information about the buildings and illustrating complexity of the site's situation: all the positive and negative scenarios currently being discussed, as well as factors influencing the site's possible future.

click on a card to uncover it **INTERACTIVE [11]**

11 BUILDING CARDS (01-14)
Choose a building card.

12 HISTORICAL SIGNIFICANCE CARDS
Extra points if your building is historically significant.

13 POSITIVE SCENARIO CARDS
Choose one...

14 NEGATIVE SCENARIO CARDS
Add points...

15 EXTRA CARDS
If you're missing points and are feeling brave...

16 SMALL ROUNDHOUSE GROUP

PROJECT AUTHOR Julian Cooper	TIME OF DEVELOPMENT 1960s-1970s
ORIGINAL USE Industrial (card + metal + fabric)	ALTERATION CONTEXT Industrial building
CURRENT USE Retail	CONTEMPORARY USE Retail
SERVICES Retail	GROUND FLOOR PLAN

Zuzanna Godek



5th Wave Breaking Bread (PS2)



Caterina Pini (PS1)



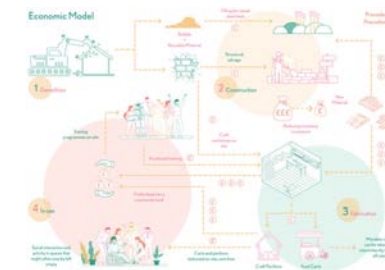
POP (PS2)



5th Wave (PS2)



POP (PS2)



Studio Craft (PS2)



The F Word (PS2)

URBAN SPATIAL EXPERIMENTATION

Staff

David Connor
Karsten Huneck
Vikram Kaushal
Becky Sobell

Guest Tutors

Bend Truempler, Max Rengifo

MArch 2

Aadil Sidat, Ben Bolton, Cho Yee Mok, Emily Daye, Joshua Griffiths, Liu Guangbo, Matthew Wreglesworth, Natalie Liassi, Nicholas Royce, Rachel Elizabeth Alty, Samuel Walters, Sandhya Parekh, Sean Andrew Martin, Stephanie Papalla, Tamsyn Sydonia Rootsey-Freeman, Thomi Steliou, Viktoria Axioti, Wan Chyin Lim

MArch 1

MArch Year 1 Students:
Lorna Lovatt, Abby Jane Cassidy, Andrew Boness, Asher Bourne, Beatrice Beer, Callum John Cherry, Catherine Henrietta Van Dorssen, Daniel Mead, Evgenia Papaiakevou, Faruq Agberemi, Georgina Cormode, Ho, Kwun Cheong, Iuliana Silvi, James Eigen Soeno, Maciej Augustynowicz, Magdalena Anna Plonka, Sarah-Jayne Stamper, Zhu Runzi

AT USE each student is encouraged to form an individual concept based on a thorough site analysis. The projects follow a (personal) narrative that is born out of the site's history and its inherent potential which is developed through all design stages.

The Atelier is exploring the boundaries of architectural practice and utilizes the techniques and working methods of other creative disciplines in particular fine art.

As a result USE also creates ongoing collaborations between the MArch Course and the Fine Art Department of the MSA and organizes yearly symposia between the two disciplines as well as international workshops.

This year's Atelier's activities included:

Field trip and workshop at ANCB / Berlin with TU Braunschweig and Universidad Diego Portales / October 2018

Art and Architecture Lecture by RAAAF (Rietveld Architecture Art Affordances) / March 2019

Albert's Connection / Workshop and installations as part of Events in Coburg with the University of Coburg / May 2019

MArch 2 Thesis Project

Berlin Ringbahn and Beyond

Our MArch 2 students developed projects and spatial strategies in Berlin that investigate sites and areas along and around the Ringbahn (S Bahn S41/ clockwise and 42/anticlockwise).

Students were free to decide which site(s) to choose. Outcomes are ranging from a holistic approach of rethinking the whole Ringbahn loop as well as concentrating on a single site or just explorations of an idea that grew out of travelling on the train.

In Berlin there is growing tension in the society caused by gentrification and rising living costs. Will this eventually destroy Berlin and its distinguished culture or way of living? Projects explored the relationship between freedom and control in city development as well as questioning the status quo.

How could planning and building strategies react to these issues and negotiate the complex realities of Berlin and beyond?

MArch 1 / PS1

Living on Top of Tempelhof

Students explored housing types for urban nomads on the roof top the former

airport building in Tempelhof. Different models have been explored from short stay accommodation to more socially inclined communities including the inclusion of refugees. Another important aspect was the exploration of parasitic architecture and with it the investigation of alternative urban densifying strategies for Berlin and beyond.

As part of an international workshop at the Aedes Network Campus in Berlin, students from the MSA, TU Braunschweig and Diego Portales (Santiago de Chile) have developed a masterplan on Tempelhof rooftop where a series of plots have been developed to a concept stage which our students have worked through all stages during the semester.

MArch 1 / PS2

Inside Tempelhof

During the second semester our Students developed strategies to transform the internal (or external) spaces of Tempelhof. Students have explored the nature of this location and develop individual briefs or strategies by using contemporary technologies and design methods whilst respecting the old structure and its values.



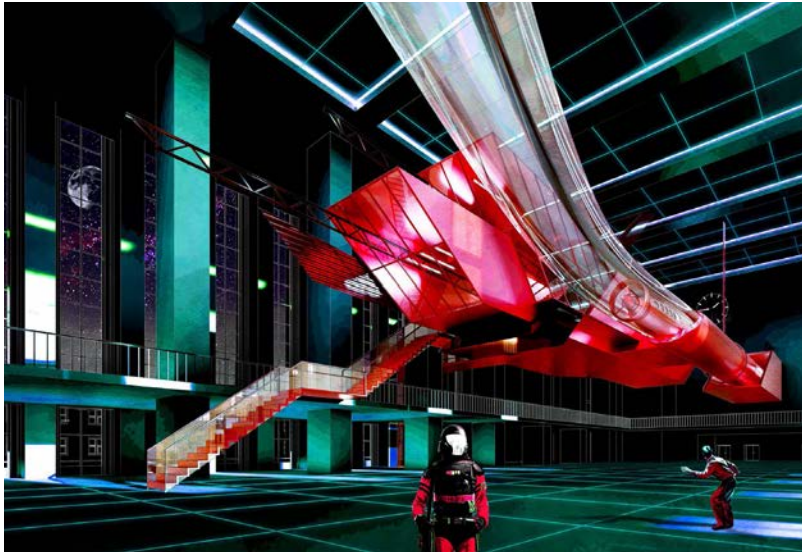
The Data Mine - Sean Martin



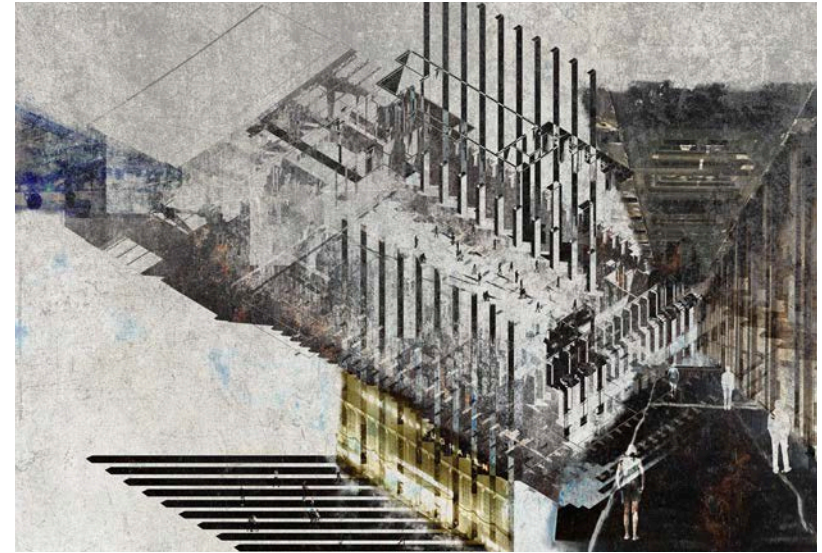
Lost in Berlin - Emily Daye



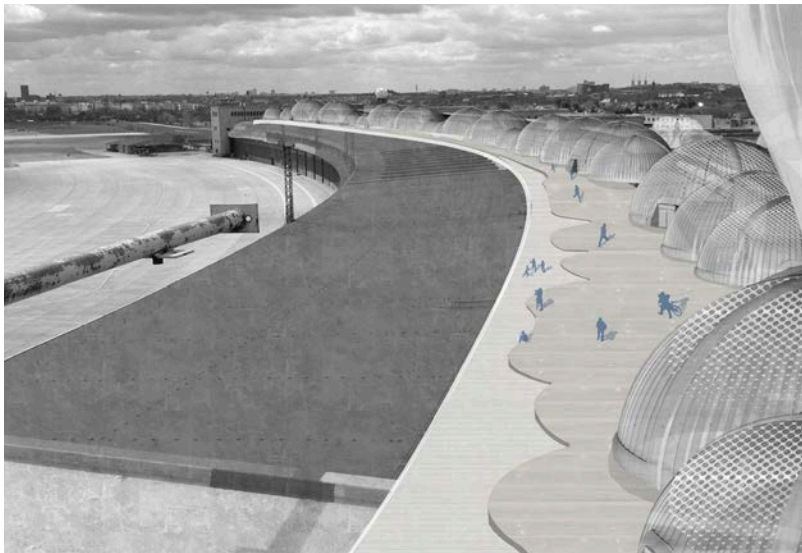
Cosmonautica, Space Station - Victoria Axioti



Scifi City - Andrew Boness and Maciej Augustynowicz



Future Tempelhof and Creative District - Magdalena Plonka and Daniel Mead



An Air of Flexibility - Catherine Van Dorssen and Faruq Agberemi



Would you like to see a trick? - Sarah-Jayne Stamper and Asher Bourne



The Secular Pilgrimage, Entrance Treshold - Matthew Wreglesworth



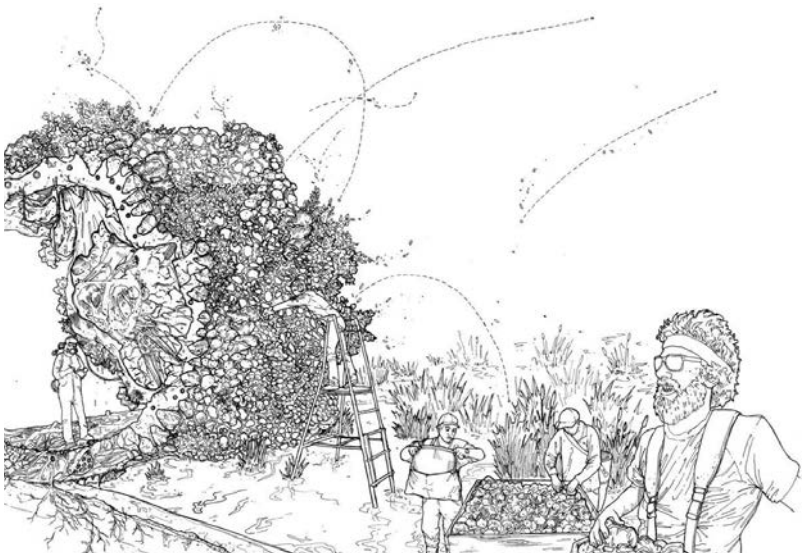
Berlin-inification - Thomi Steliou



The Fourth Wall - Nicholas Royce, Westend Exterior



Gentrification in progress - Ben Bolton



Ernten was man sät - Tamsyn Rootsey



Tunnel View Into Water - Archotica Adil Sidat

&ARCHITECTURE

Staff

Prof Stefan White
Dr Stephen Walker
Dr Mark Hammond, GMCA
Dr Jos Boys, Architectural Activist

Contributors

Phillip Hall-Patch, Heatherwick Studio;
Naomi Lakmaeir, Artist; Jamie
Ashmore, Emma Haward, Richard
Martin, HTA Design Ltd; Patrick Clayton,
Renaissance Associates Ltd; Helen
Hough, Brydonwood Ltd; Matthew
Doran, Manchester City Council;
Tom Fenton, Hilary Brett, Far East
Consortium; Jane Gant, Claire Davies,
Catherine Morris, Southway Housing
Trust; Poppy Bowers, Whitworth Art
Gallery.

MArch 2

Alexander Bradley, Diana Osmolska,
Charlotte Jean Hagerty, Daniel McBride,
Dean Miles Eccleston, George Kesek,
Hannah Sophie Gaughan, Huzaifa
Mulla, Joe Stancer, Karolina Juskevic,
Kassandra Christina Koutsoftas, Lobna
Mohamed Ahmed Elagouz, Meera
Jayesh Lad, Migena Salihu, Naile Alanli,
Oliver Clark, Rossarin Ungrangsee, Rou
Ann Chen, Terrence Wing Shum

MArch 1

Adam Kamal Najia, Celeste Tellarini,
Chris Foulkes, Chris Myk, Frixos Petrou
Hanna Zbikowski, Irvine Toroitch,
Jiacheng Ying, Jingyi Ye, Jingyu Lyu,
Jinhao Zhang, Khairul Asyraf Bin Mohd
Rodzi, Manuel Frediani, Michael Foster,
Mike Pok Yin Chan, Quan Wan, Rachel
English, Rachele Mancuso, Serena Dias,
Sioned Williams, Yuanmei Lin

&rchitecture 2018: You, different somewhere

&rchitecture [(and)-'Rkee-tek-chuur'] is a way of thinking about & practicing architecture. & (and) is a powerful little symbol - it opens out into the next step, argues for inclusion and demands to be followed. Rather than starting from within the discipline and moving outwards, &rchitecture starts from what already is different (in the world).

We start with 'Difference' because we believe it acts as a key grounding operation for practices seeking to wield the power and potential of architecture to create inclusive cities and societies. Defining a critical mode of architectural design research through the imperative to start differently and work with difference is hard work and goes against common sense approaches (that we are taught, and into which we

are enculturated). However, working to reveal the relations of difference that we take for granted, and that are prescribed in laws and codes, as well as culturally accepted traditions of behaviour allows unspoken presumptions to be understood, challenged, altered, de and re legitimated.

We believe using engaged creative processes to negotiate difference between different disciplines, contexts, communities and individuals should be considered well within the typical boundaries of the work of an architect. The process of 'design' is clearly not limited to practices of drawing or representation commonly employed to determine built form for contractual commitments but includes a very wide range of ways to engage with the imagination and perception of ourselves and others. Our purpose is to explicitly involve and invoke difference to engender more ethical and explicit understandings and expressions of architectural creativity.

The studio work of MArch year 2 students started (somewhere else) by identifying and testing key design-research method(s) of artists, activists and architects who critique and challenge the boundaries of the discipline, initially exploring the issue of racism. In studio 2 (Bringing difference home) these methods were applied in

iterative and productive design research, focused on practicing and performing architectural processes. In Studio 3 (Architect, you are a citizen) the students design-research methods were used to create architectural interventions in locations selected for relevance to the issues of difference they were addressing.

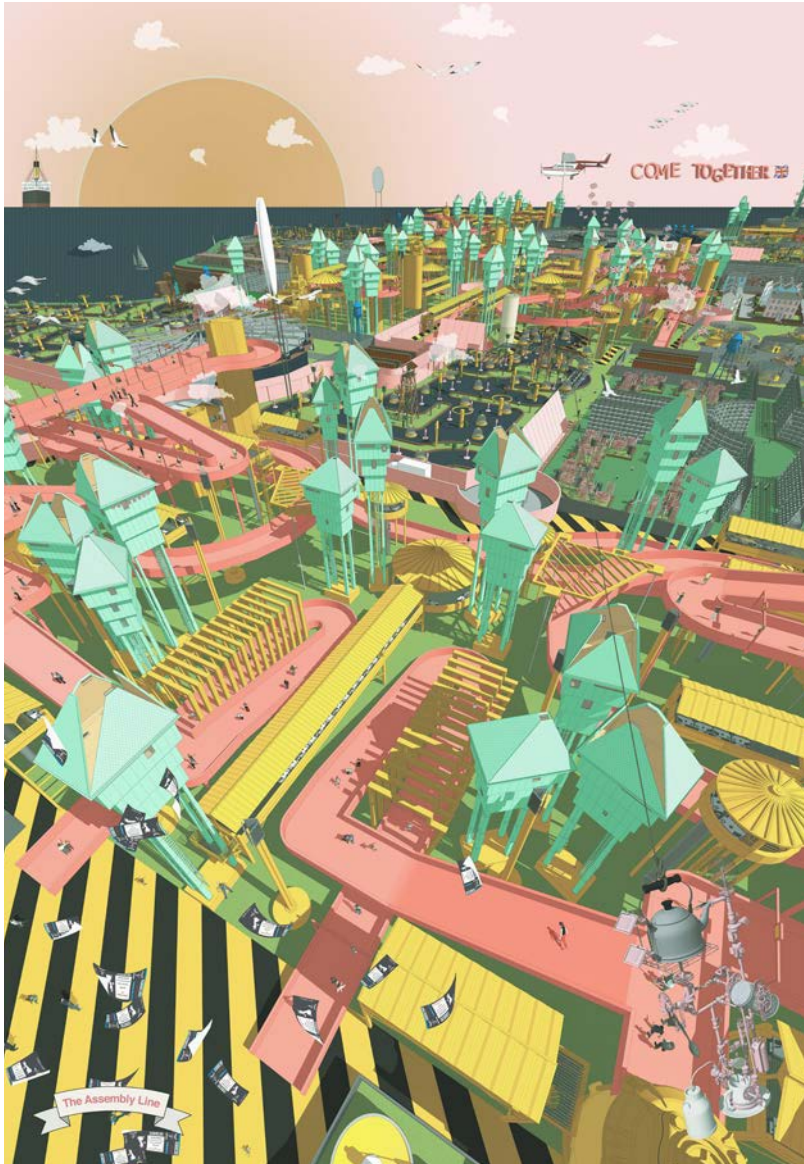
&rchitecture MArch year 1 is a professionally oriented vehicle in which the students use design research to explore problems relevant to our real world collaborators. MArch 1 was undertaken in partnership with HTA Design Ltd. Studio 1 investigated how mixed-tenure co-living can contribute to the Greater Manchester 'Housing and Ageing' agenda partnering with Southway Housing Trust and Greater Manchester Ageing Hub. Studio 2 explored how high density, city centre developments can better respond to demographic change working with key stakeholders, Manchester City Council and Far East Consortium.



Meera Lad - Neuro-atypical architectures



Joseph Stancer - Alt-right sphere



George Kesek - Festival of Brexit Britain



Kassandra Koutsoftas - Manchester Social Condensor



Dean Eccleston - Manchester Manhattan



Frixos Petrou / Rachele Mancuso - Retrofit co-living South Manchester



Daniel McBride - Preserving the institutional memory of our parliament

Manchester School of Architecture

Manchester School of Architecture



Celeste Tellarini - High density Age Friendly Northern Gateway



Daniel McBride - Preserving the institutional memory of our parliament

RESEARCH 2: DISSERTATION

Coordinator

Dr Ray Lucas and Dr Stephen Walker

The dissertation plays an essential role in the development of students' intellectual capabilities and resources, and forms an important vehicle through which the skills of scholarship and research are cultivated and tested. It provides students with the opportunity to develop their own architectural interests through the pursuit of research, scholarship and written argument. The preparation and presentation of a dissertation of around 12,000 words provides the opportunity to take this study to some depth.

The successful completion of a dissertation on a subject of some significance to Architecture and Urbanism is a requirement of part II of the RIBA (Royal Institute of British Architects) examination. The dissertation task is also structured to meet all ARB (Architects Registration Board) criteria.

The learning outcomes of the dissertation include the understanding of the complex influences on the contemporary built environment of individual buildings, the design of cities,

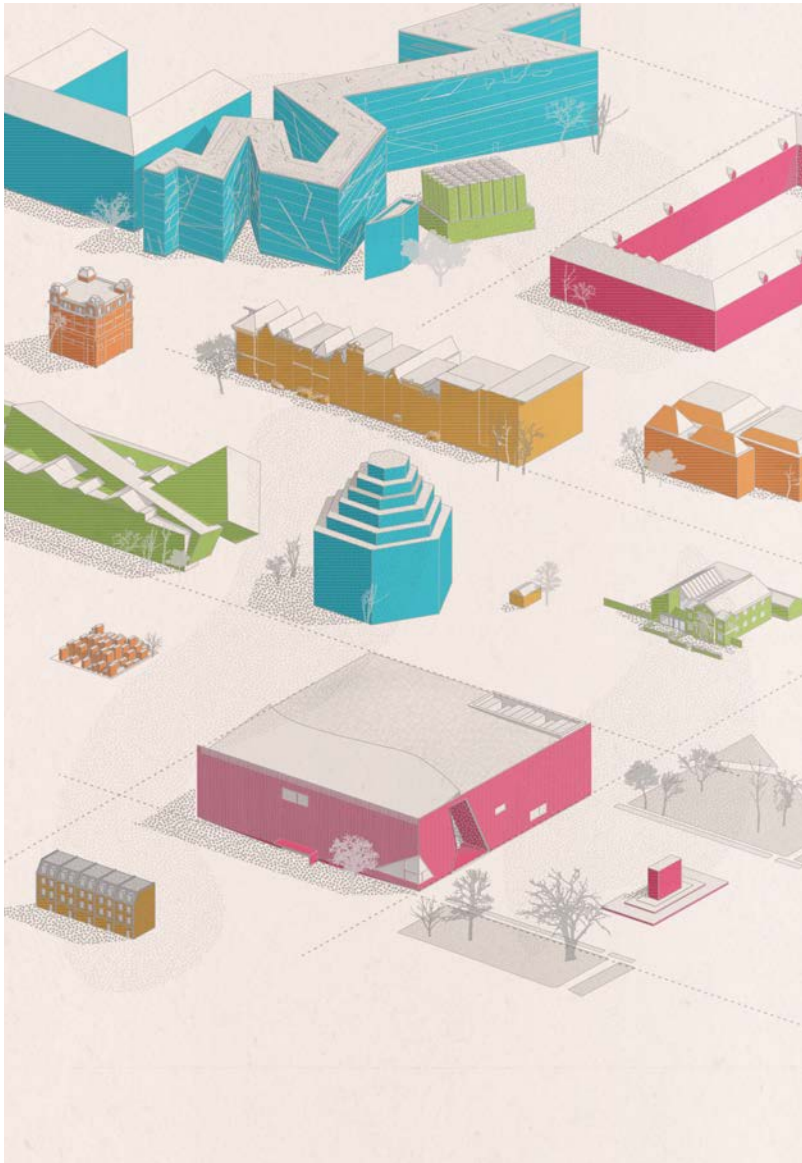
past and present societies and wider global issues. Furthermore, during their work on the dissertation, students get an opportunity to learn about histories and theories of architecture and urban design, the history of ideas, and the related disciplines of art, cultural studies and landscape studies and their application in critical debate. These conceptual tools allow them to understand the complex influences on the contemporary built environment. Thanks to their work on a dissertation, students increase their architectural vocabularies through exposure to, and discussion of, a wide range of issues relating to the built environment.

When working with their supervisors on topics of their choice, students develop an ability to critically appraise the spatial, aesthetic, technical and social qualities of a design within the scope and scale of a wider environment. The inter-relationships between people, buildings and the environment are studied by means of various methods and approaches, including the use of available literature, personal conversations, surveys, field observations, or archival data. In this way, students acquire research and analysis skills, a competency in crafting coherent, logical and well-written

arguments; they develop presentation techniques as well as acquire knowledge about the proper use of citation and referencing conventions.



Erin Edmondson



Tobias Corry

Figure 2.12: Chromatic extractions from President's Medal winning work (author's own, 2019)



Lorna Lovatt

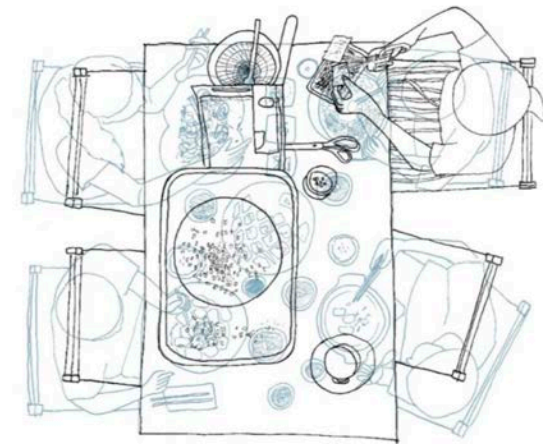


Fig 5.93 The multiplicity in use of the central table

Estelle Xin Yun Ang

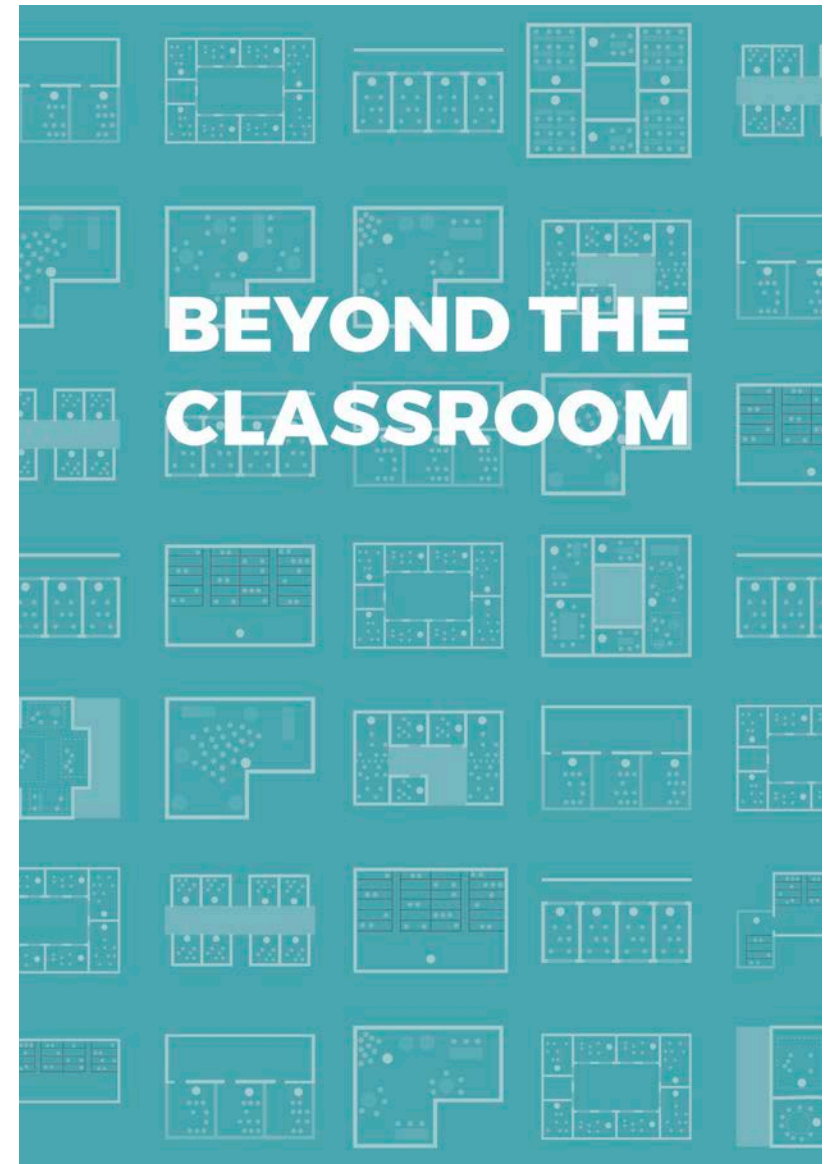
Seasonal Changes - Japan



Adam Kamal Najia

Manchester School of Architecture

Manchester School of Architecture



Caterina Pini

PROFESSIONAL STUDIES 1+2

Coordinator

John Lee and Amy Hanley

House and Home | Building Reuse

'It is useful to restate that architecture is an art as well as a profession. This is because of the understanding generated by the detail as a joint. Architecture is an art because it is interested not only in the original need of shelter but also putting together spaces and materials in a meaningful manner. This occurs through formal and actual joints. The joint, that is the fertile detail, is the place where both the construction and construing of architecture take place.'

Marco Frascari 'The Tell-the-Tale Detail' from VIA 7: 'The Building of Architecture' (1984)

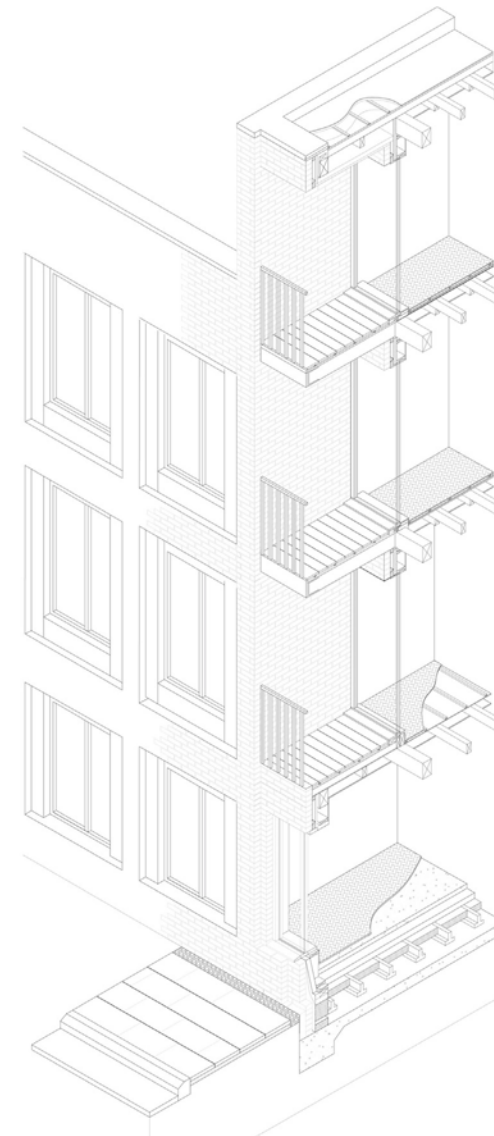
Becoming a professional architect requires an understanding of the business of making buildings. But the architect is not merely a builder. The work of learning the profession requires an appreciation of the multivariate factors that result in an assembly of materials on a site for a specific use. Comprising an understanding of architectural history, social context, programme needs, and practical

construction, they are rightly expressed in the RIBA General Criteria, and formally examined at the end of the course.

Since 2018 the School has focused the technical performance of studio work into the first year of the MArch course - known as Professional Studies 1 and 2. They are styled as complementary technical challenges for the students, set within the proven framework of the Atelier teaching structure. The two challenges are 'House and Home', and 'Building Reuse', representing the most commonly projects encountered in a professional setting. Furthermore, it serves to support the open research environment of the concluding master's year that follows.

The thematic envelope is stretched both by the research ambitions of the different ateliers, and the contributions of industry partners in Studio teaching, resulting in a exuberant range of innovative prototypes, details, assemblies and strategies.

It is apparent from the work here that the industrial heritage of Manchester continues to provide a foundation for the School to build on as a testbed for innovation and entrepreneurship into the future.



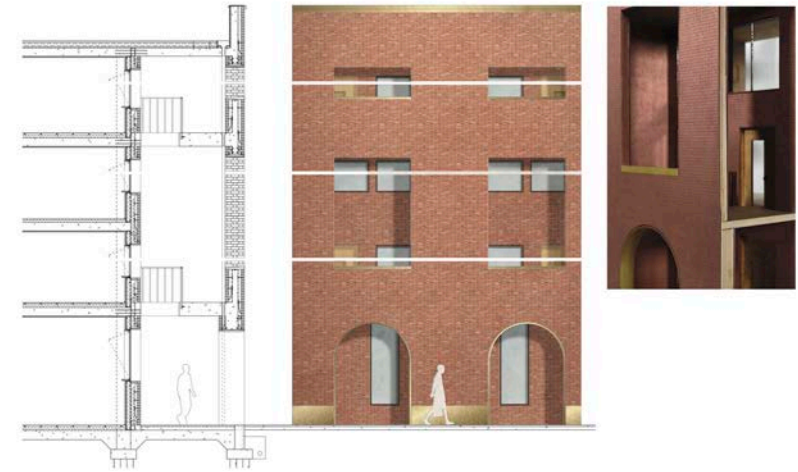
Florence Booth - Stockport Terrace, Construction Isometric

Construction

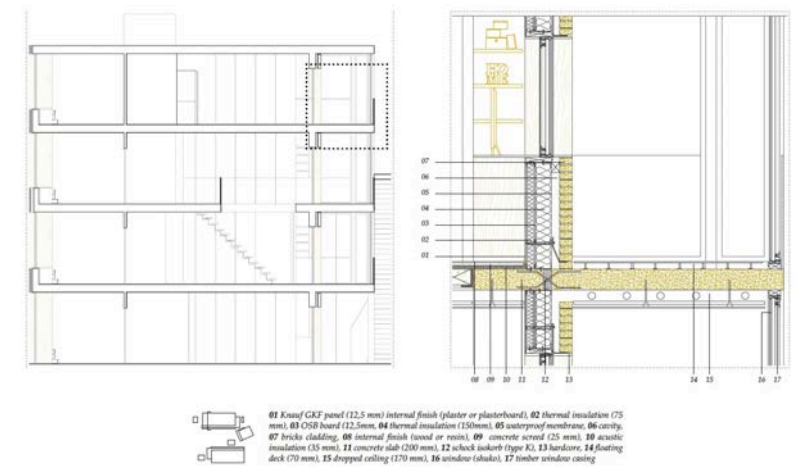


24

Dash Bernhard - Low Energy House, Construction Iso



Daria Pavlova & Chin Kiu Justin Chung - Rochdale Housing, Facade Construction

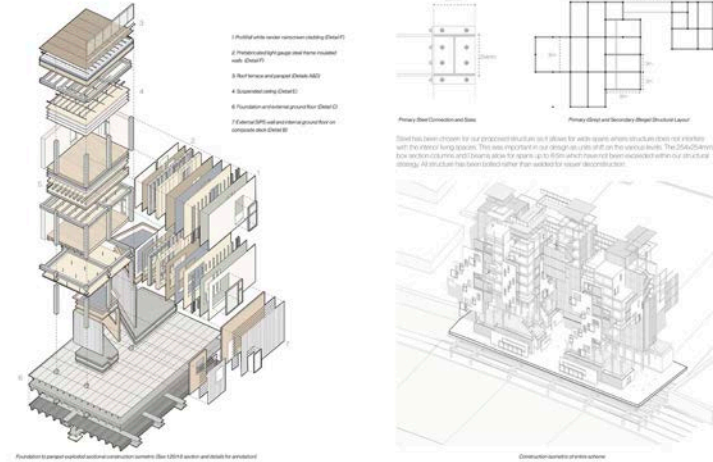


Frixos Petrou & Rachele Mancuso - Co-housing Old Moat, Construction Section

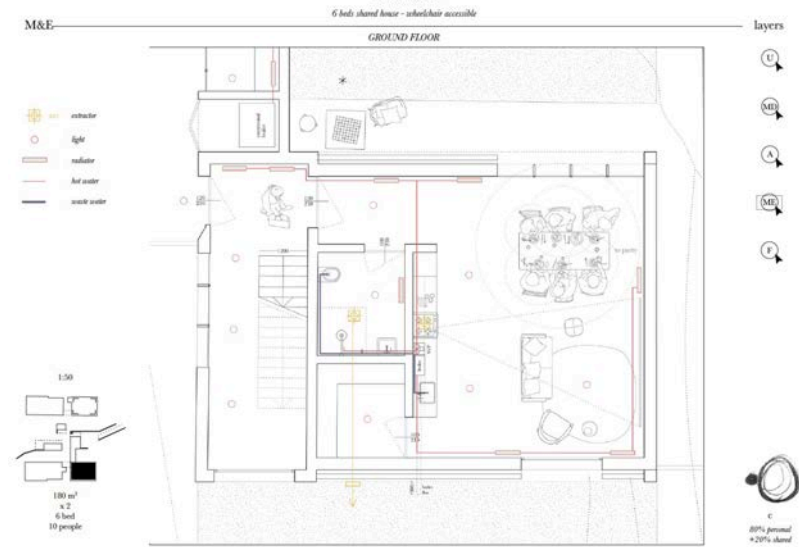


Asher Bourne & Lorna Lovatt - Tempel of Nocturnal Lights, Sectional Model.

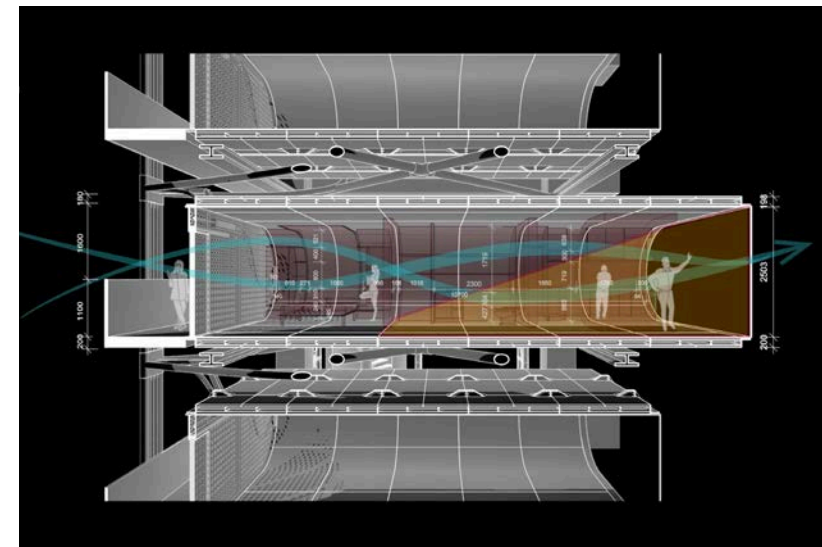
TECHNICAL RESOLUTION
CONSTRUCTION ISOMETRIC AND STRUCTURAL LAYOUT



Sarah-Jayne Stamper & Magdalena Plonka - The Collective Exchange, Construction Iso



Celeste Tellarini - Microdomestic, Technical Plan



Yingying Zhou - 2051 Adaptive Density, Environmental Section

PROFESSIONAL STUDIES 3

Coordinator
Rob Hyde and John Hickey

We encouraged both independent learning and collaboration for collective intelligence.

We had all 135 final year Master of Architecture students across all Studio Atelier cultures, self-organised into hybrid proto-practice groups creating unique synergies and focused on enquiry/problem based learning and evidence-based decision-making with design solutions

We started the year with statements/questions such as:

- *'Traditional practice is 'broke' [in both senses] and we need to find ways to mend it'*
- *'The development process may not be broken since it was never actually designed and never worked in the first place....How do you analyse the systems/processes we work within?'*
- *'There is no such thing as a permanent boundary, Architecture is evolving into diverse and specialist roles - how must we prepare?'*
- *'What is our Professional Identity? How did we get here and where are*

we going'?

- *'What are the current/ future challenges [problems + opportunities] and how to address them?'*
- *'What is the future and transformative capacities of Architects/Architecturally Trained?'*
- *'Don't be an optimist nor pessimist – be a realist and opportunist!'*

We asked the 11 proto-practices groups to project studio work into real world contexts producing journal articles/presentations for industry panels, posing questions of effectiveness [productivity + efficiency] in relation to:

- The design of an Architectural business.
- The design of the development process.

We expanded the Self -Appraisal/Critical Analysis/Evaluation into:

- Developing a SWOT analysis of themselves in their proto-practice.
- Exploring alternative projected future contexts with a SWOT analysis of their potential trajectories into them.
- A letter of advice to future students.

We held a Symposium on the UK housing crisis chaired by Homes England including Architects, Social Housing providers, Developers, BRE etc. with the challenges posed taken on by several proto-practices.

We strengthened our partnership in delivery with the RIBA ensuring linkage with further study at Part 3 and currency, but extended beyond criteria to be relevant to those contemplating traditional/diverse roles or outside a UK context

We welcomed 70+ local/national/international experts in their fields exposing students to diverse stakeholders creating a reflective knowledge exchange forum enabling discourse between the professional community and the students.

We pushed the concept of networked learning, communities of inquiry/ practice to make networks manifest exposing students to tacit knowledge and encouraging questioning of contemporary and future definitions of Professionalism and our evolving role.

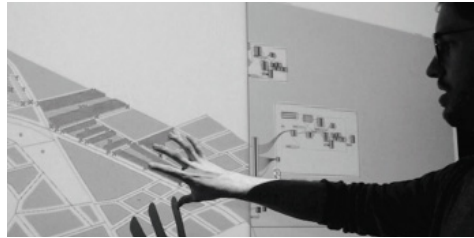
We acknowledged our existence in ever evolving/expanding cross/multi/inter/trans-disciplinary contemporary

fields of dissolving professional boundaries within rapidly changing disruptive contexts of complexity and contradiction.

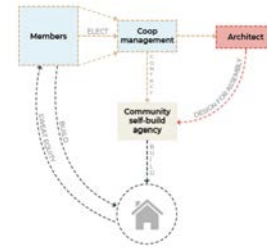
We facilitated a dialogue on adaptability between the orthodoxy of conventional architectural production and unorthodox alternatives at the core/periphery/ edge of property/construction/creative industries and wider engagement.

We enabled immersing into the challenges of emerging issues [e.g. Housing Crisis, IoT, AI, VR, AI, Robotics, MMC etc.] and future forms of practice/ engagement [e.g. Collaborative, Association, Multi/inter-disciplinary, systems design, digital fabrication, construction, development, research based practice etc.].

We explored ethics, sustainability, equity and equality, productivity [efficiency and effectiveness], Risk, R+D and innovation, diverse practice, emerging technologies, user behavior, value + fees, economic and management theory, political and policy structures, exposure to clients and contractors, off-site manufacture, learning from business/project models/ processes from outside – i.e agile methods from technology industry and much more.



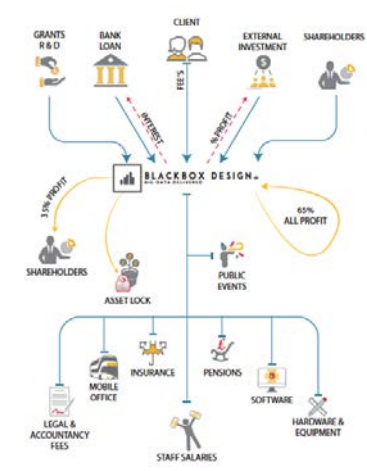
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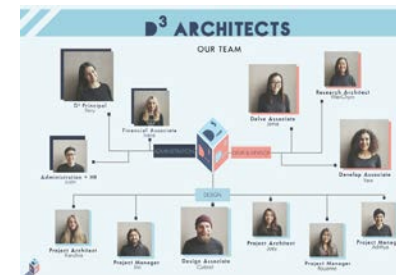
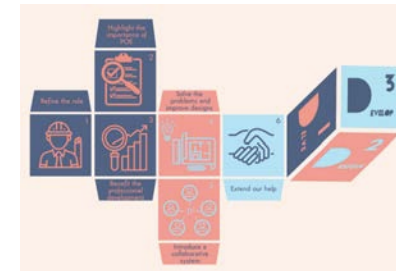
BLOX

Manchester School of Architecture

Manchester School of Architecture

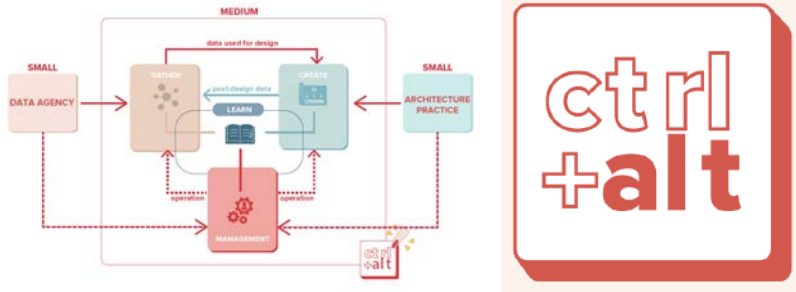


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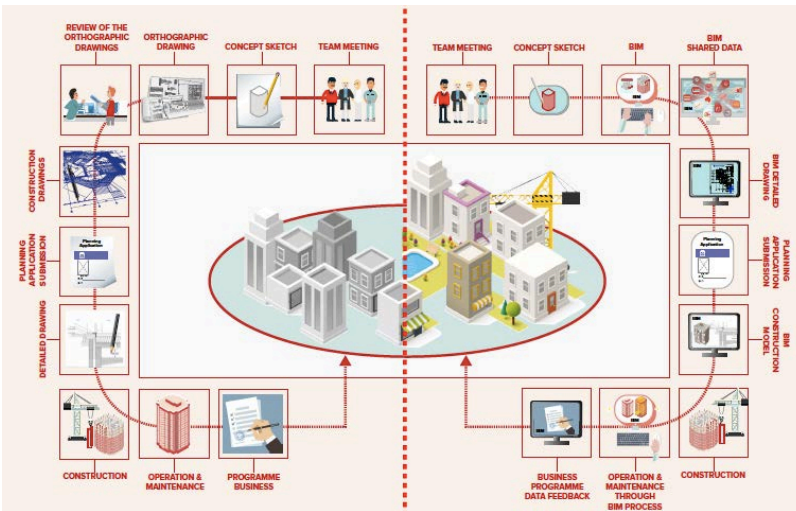


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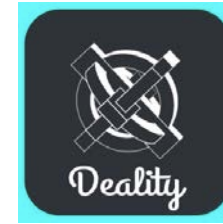




Manchester School of Architecture

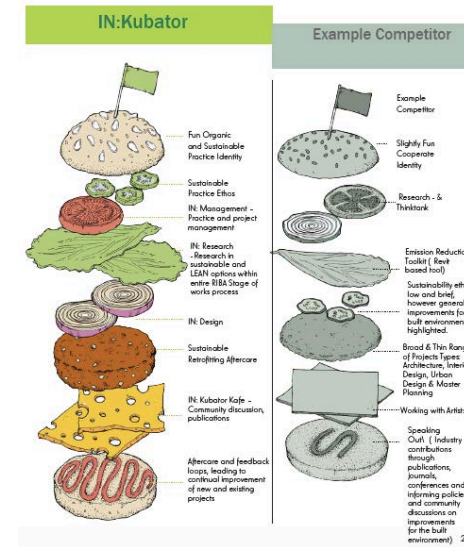


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Deality

Manchester School of Architecture



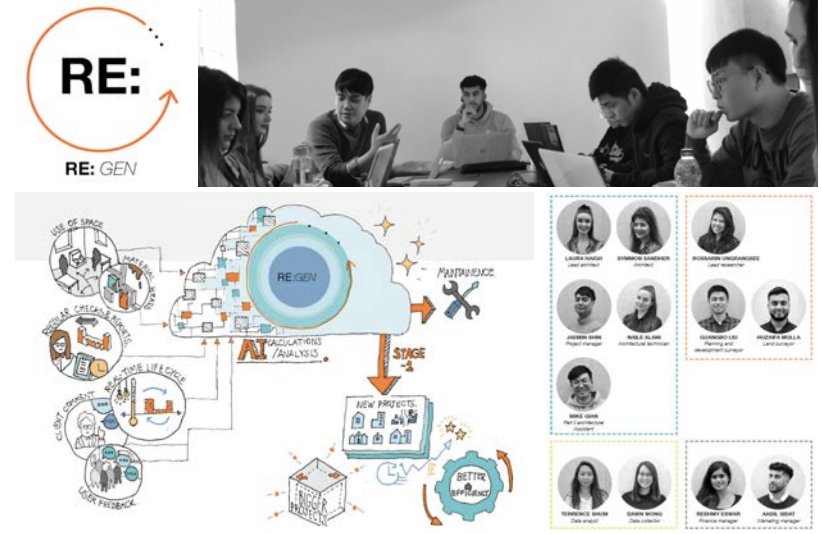
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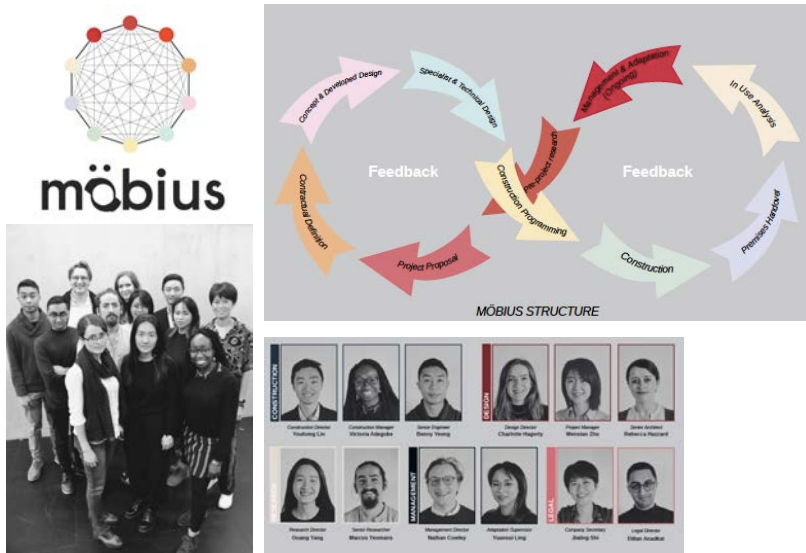
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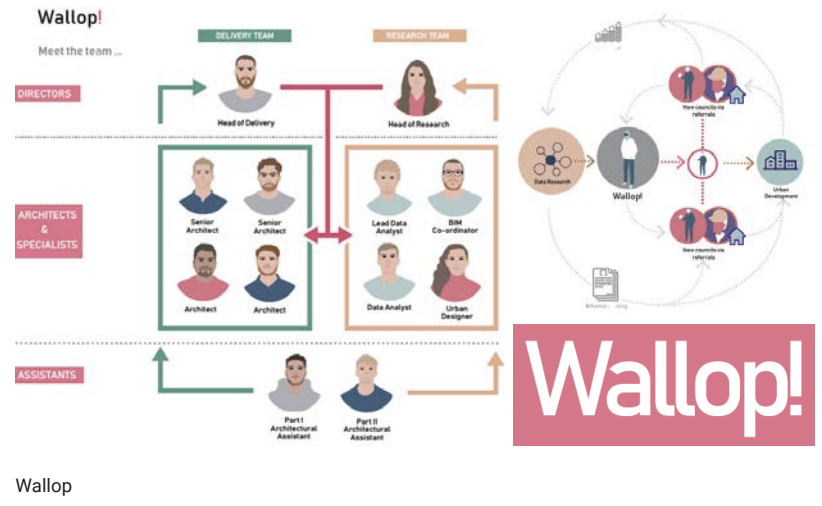
Inter[act]



RE:GEN



möbius



Wallop

RESEARCH 1: METHODS

Coordinator

Dr Lea-Catherine Szacka

Tutors

Dr Alan Lewis

Prof Albena Yaneva

Dr Lukasz Stanek and Prof Ola Uduku

Dr Leandro Minuchin

Dr Stephen Walker

Dr Deljana Iossifova and Ulysses

Sengupta

Dr Lea-Catherine Szacka

Dr Angela Connelly

**Dr Laura Coucill, Dr Luca Csepely-Knorr
and Dr Richard Brook**

Research 1: Methods is an opportunity for students to explore a range of methodological tools as well as techniques and processes that inform design as a spatial practice. The aim is to develop methodological capability consistent with the discipline of design production and used for the production of knowledge in histories and theories of architecture and the related arts. Students are encouraged to develop the subject of their enquiry in parallel with their interests, career aspirations and the content of studio units. The subject chosen will reflect the symbiosis between design practice and theory, and allow for scholarship within individual

specialisms to be placed within a deeper understanding of architecture as a whole.

On successful completion of this unit students will be able to: demonstrate adequate knowledge of the histories and theories of architecture and the related arts, technologies and human sciences; demonstrate knowledge of the fine arts as an influence on the quality of architectural design; demonstrate adequate knowledge of urban design, planning and the skills involved in the planning process; demonstrate an understanding of the relationship between people and buildings, and between buildings and their environment, and the need to relate buildings and the spaces between them to human needs and scale and demonstrate an understanding of the profession of architecture and the role of the architect in society, in particular in preparing briefs that take account of social factors.

At the end of the course, students are required to produce a portfolio of work showing the extent of their research and the methods employed.



Art and Architecture - Sze Wing Chloe Chan, James Soeno and Celeste Tellarini

Art and Architecture

Coordinator

Dr Stephen Walker and Michael Dimelow

Students

Abby Jane Cassady, Asher Bourne, Callum Cherry, Celeste Tellarini, Dan Vella, David Cross, Emily Fettes, Faruq Agberemi, James Soeno, Kate Silvester, Keqin He, Manuel Frediani, Paul Wright Seok Jin, Sze Wing Chloe Chan, Zhu Runzi

Over the longer history of architecture, its relation to art practice has been both contested and championed. Is architecture an art? (Indeed, is it ‘the mother of all arts’?) If so, what is the relationship between architecture and building? Should these disciplines be kept separate and pure? Can architecture learn anything from art? Can architects adopt, or pursue, art practice? How might interdisciplinary practices differ in their organisation and output from more conventional architectural offices?

This workshop focused on recent exchanges between art and architecture. The aim was to introduce a range of

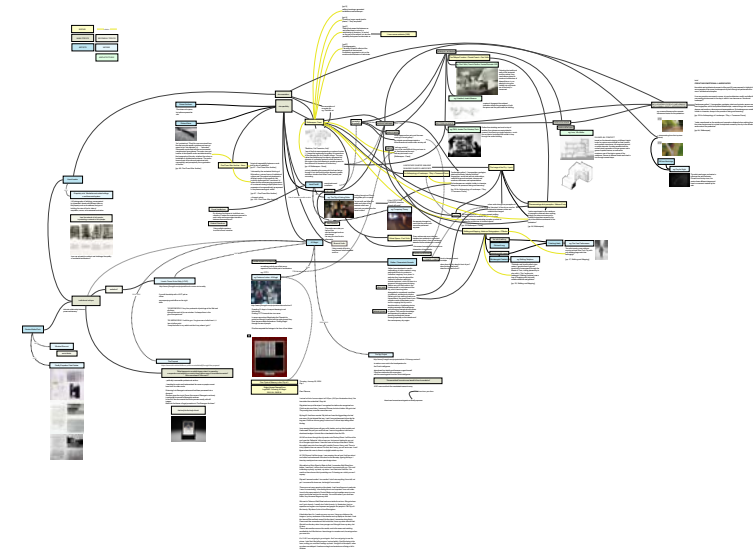
ideas that emerge from art practice, and to trace their influence on and relevance for architecture. By undertaking a structured series of research investigations, the workshop introduced a variety of expanded concepts, tools and knowledge that could be related to students’ own architectural design practice.

Initial research took place in small groups. Each group was given an overarching theme and a set of key readings/examples to begin from:— one artwork/artist: one theoretical text: one architectural practice/project. Themes included: Site Specificity; Performance Art; Formalism; Geometry; Documentation;; Technology and Spectatorship; Institutional Critique; Exhibition; Curation. The outcome from this group work was a networked research dossier in the form of an annotated network diagram and an annotated, shareable Zotero bibliography.

The second phase of workshop involved the development of a research-led proposal for a pavilion, a building or object type that sits awkwardly between architecture and art. Although the architectural pavilion has a very long history and a very wide range of

geographical, cultural and ‘functional’ applications, in current discourse and practice it has become closely connected with art institutions such as the Serpentine (London) or MoMA/PS1 (NYC). Additionally, the sheer number of pavilions being constructed annually seems to have increased nearly fourfold between 2010 and 2015, while specific prizes for temporary architectures, including pavilions and pop-ups, have also emerged. In short, the pavilion as a project is enjoying a period of rude health.

Nevertheless, it remains difficult to pin down the pavilion as a unified building type. Its longevity, coupled with the huge variety in realisation, invites speculation, challenge and (re)appropriation, although this had to be approached with some critical awareness.



Group 4 - Sze Wing Chloe Chan, James Soeno and Celeste Tellarini

Accra Futurism

Coordinator
Dr Lukasz Stanek
Prof Ola Uduku

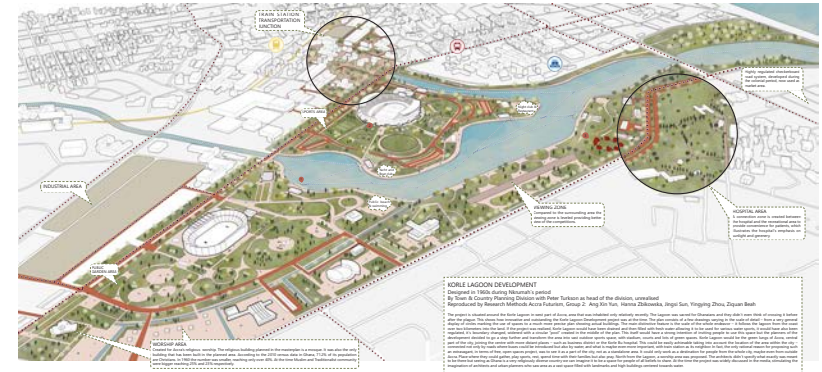
Teaching assistant
David Mountain

Students
Constantina Alambriti, Xin Yun Ang,
Abdullahi Salisu Banye, Lewis Barker,
Zi Quan Beah, Adam Beaumont
Chown, Tobias Corry, Lauren Jakeman,
Sun Jingsi, Zhang Jinhao, Anahita
Mohammadkhani, Yin Yu Ng, Daria
Pavlova, Ethan Schofield, Oliver
Thomas, Aaron Underhill, Zhou
Yingying, Hanna Zbikowska

Guests:
Iain Jackson (University of Liverpool)
Andres Lepik (University of Munich)

This workshop combined archival research and the use of digital tools, in particular GIS (Geographic Information System), in order to map a unique moment in African architecture: the explosion of architectural production and urban imagination during the first

decade of Ghana's independence (1957-1967). In particular, it focused on the Marine Drive which, in recent years, has become a focal site for re-imagining and debating the future of Accra. The workshops showed that the most recent design of Accra's waterfront is only one among many architectural and urban proposals envisaged for this area during the last 60 years. It revisited some of these designs, and speculated the various, competing urban futures which they proposed for Accra.



Xin Yun Ang, Zi Quan Beah, Sun Jingsi and Hanna Zbikowska



Tobias Corry, Anahita Mohammadkhani, Ethel Ng, Constantina Alambriti and Daria Pavlova

User Representations in Architecture

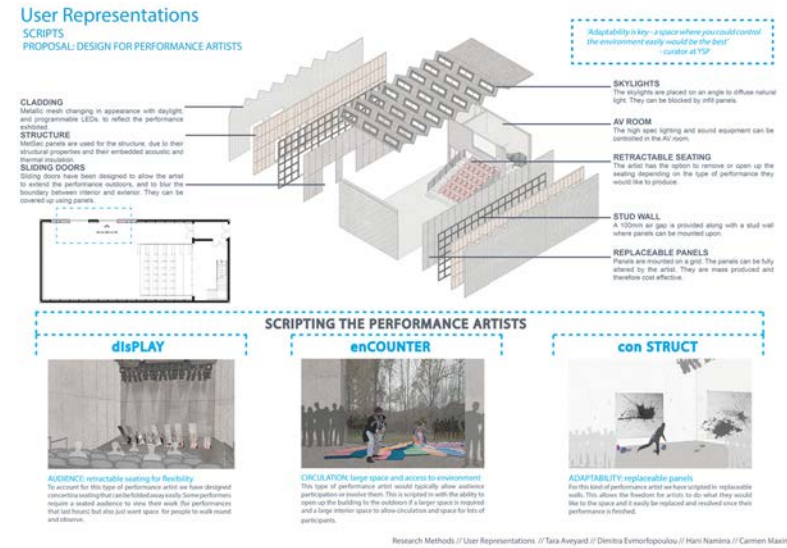
Coordinator
Dr Alan Lewis

Students

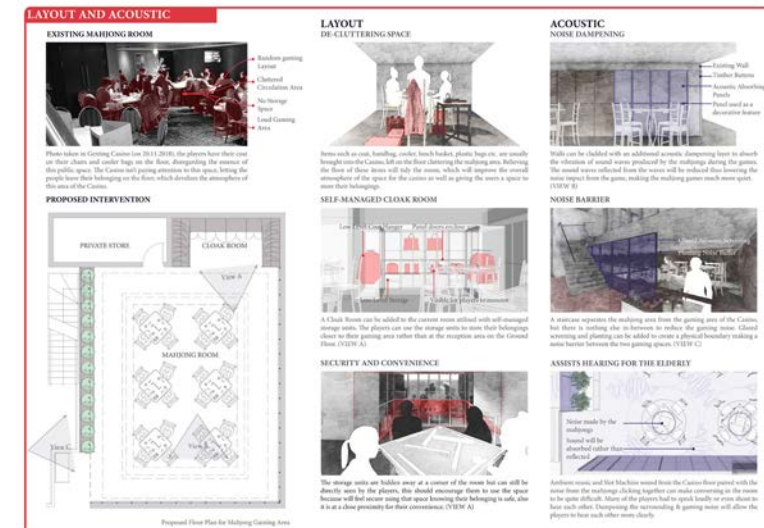
Hani Namirra Binti Abdul Nasir, Bubusara Abekova, Farah Arar, Tara Aveyard, Chloe Cann, Alice Davitt, Dimitra-Rafailia Evmorfopoulou, Michael Foster, Jizhe Han, Nadeem Hanna, David Jones, Tamara Keoshgerian, Alistair Lewin, Rachele Mancuso, Carmen Maxim, Laurence Richards, Smriti Solanki, Kirsten Wai Yee Wah-Finn, Ginfung Yong.

strategies for understanding the needs of building users. The strengths and weaknesses of each approach were examined. The difficulties of designing buildings for unknown users, who might differ from the architect in terms of age, gender, class and ethnicity, were discussed along with the risks of reducing potential users to stereotypes. User representations, along with corresponding 'scenarios of use,' were then constructed for specific building types: art galleries, casinos, affordable housing for people with autism, branded hotel chains, psychiatric units and schools. These user representations were scripted into building designs in a short design exercise.

In our modern, capitalist society, architects rarely have the opportunity engage with those who will occupy their buildings. Architects' clients are often building contractors, speculative developers or public bodies, rather than individuals who will inhabit the completed buildings. This can make it difficult for architects to understand the needs and aspirations of building users. This workshop took a critical look at the term 'user' as employed within architecture. Drawing on Akrich and Latour's concept of user representations and scripts, the workshop explored



Hani Namirra Binti Abdul Nasir, Tara Aveyard, Dimitra-Rafailia Evmorfopoulou, Carmen Maxim



Bubusara Abekova, Michael Foster, Ginfung Yong

On Air: British Television and the Construction of Postmodern Spaces [1970s to 1990s]

Coordinator

Dr Léa-Catherine Szacka

Students

Zohra Abbas, Emmanuel Adedokun, Georgina Cormode, Jessica Corns, Serena Sanushka Dias, Lauren Gabbitas, Florian D. Heinz, Joshua Jenje, Lyu Jingyu, Shambhavi Nitin Joshi, Konstantin Niggeman, Evgenia Papaikovou, Mark Pearce, Magdalena Anna Plonka, Wan Quan, Néstor José Ruiz Medina, Joseph Shepherd, Edward Sykes, Irvine Kipkemboi Toroitich.

Television, a telecommunication medium used for transmitting moving images, is both highly public and unavoidably domestic. Invented in the late 1920s, TV sets did not hit most households in Western Europe and America before the mid 1950s. Yet, when they did reach private interiors, televisions completely transformed social practices and cultural expectations: replacing the fireplace and all its symbolism, it gathered families in front of a screen, thus regulating

private life and rapidly becoming the primary medium for influencing public opinion. On Air: British Television and the Construction of Postmodern Space, 1970s to 1990s explores the changing and diversification of television in Britain, from the 1970s onwards as well as TV's compression of time and space.

As explained by Lynn Spigel in *Make Room for TV*, in post-war America, "television was typically welcomed as a catalyst for renewed domestic values"¹, restoring faith in familial togetherness and in the splendours of consumer capitalism. Bringing the outside world inside, as well as compressing time and distances, television turned homes into theatres, ideologically akin to the construction of a new American and European suburbia.

Today, as traditional TV is gradually losing viewers to streaming services, the relation between television and architecture remains largely unexplored². In this workshop students will investigate new ways of approaching the relationship between private and public, the home and the city, consumer culture and spectatorship, a couple of decades after the introduction of television, and following a certain process of maturation of the new medium.



On Air - Exhibition

- 1 Lynn Spigel, *Make Room for TV: Television and the Family Ideal in Postwar America* (Chicago and London: The University of Chicago Press, 1992),
- 2 At the exception of, for example, the recent exhibition *The University is now on Air: Broadcasting Modern Architecture*, on show at the Canadian Centre for Architecture (CCA) in Montreal from November 2017 to April 2018.

The Architecture of Resilience

Coordinator
Dr Angela Connelly

Teaching Assistant
Debapriya Chakrabarti

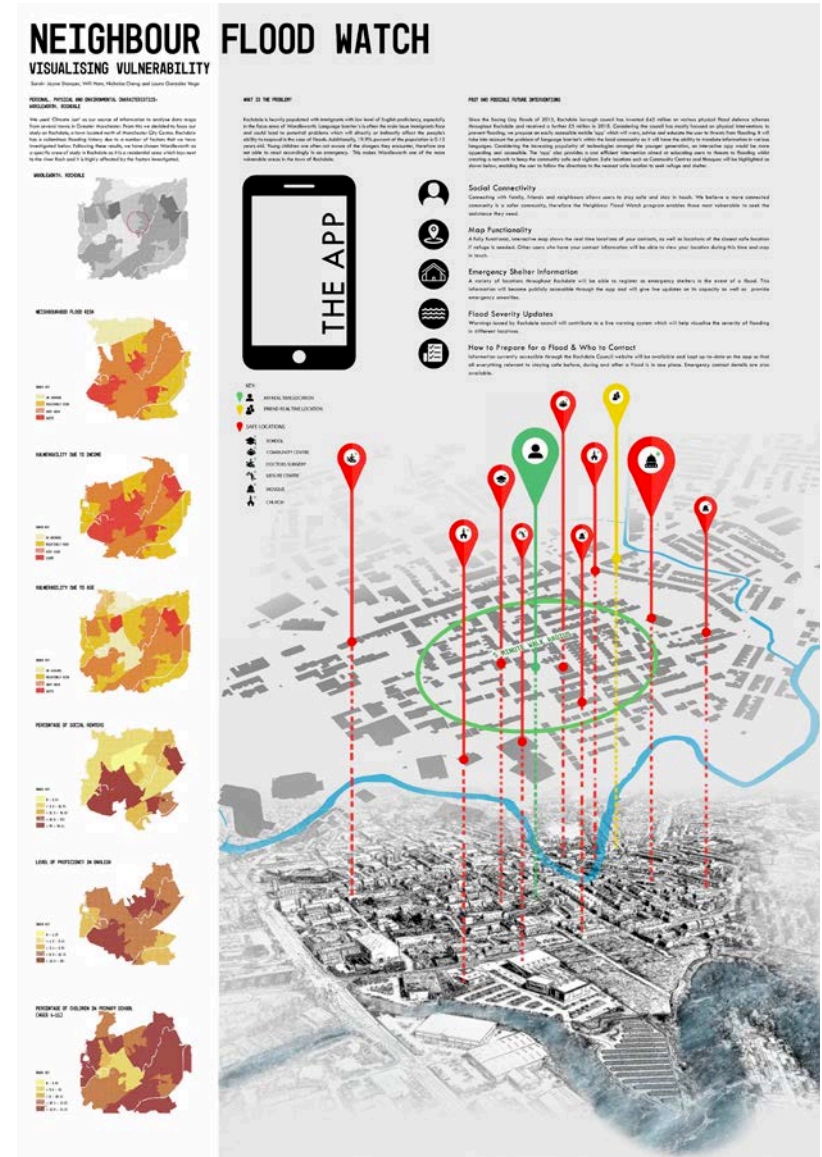
Guests
Dr Somayeh Taheri Moosavi

Students
Celeste Abayomi, Maciej Augustynowicz, Dash James Bernhard, Purva Bhende, Andrew Boness, Siu Ting Nicholas Cheng, Shadath Chowdhury, Daniel Cruse, Laura Gonazalez Vega, Mohammed Asim Hanif, William Peter John Horn, Daniel Mead, Ka Lun Derek Ng, Verity Roweth, Benjamin Sayers, Iuliana Silva, Sarah-Jayne Stamper, Isaac Timson

Environmental, economic and social changes interact with one another to present major challenges to the liveability of cities both now and in the future. Extreme events, such as Hurricane Sandy, have taught us that our existing buildings and infrastructure are ill equipped to face the mounting challenges of climate change and extreme weather events.

In response to these challenges, practitioners and policymakers alike are looking to make our towns and cities more resilient to a whole host of shocks and stresses. Resilience is something of a zeitgeist term. However, like the allied notion of ‘sustainability’, resilience is a term that all can embrace but is often deployed in mutually contradictory ways.

This research methods workshop reviewed the theory and practice around the conception and design of resilient cities, communities, and buildings. Graduates are encouraged to understand – and critique – the concept of resilience and how these debates impact upon architecture and urban design. Resilience implies flexibility and adaptability but how do we judge the ‘success’ of interventions that are continually in flux and subject to several unknown parameters? Resilience also implies a shift in focus from the end-product to the process. As a consequence, architects are increasingly becoming multidisciplinary mediators as well as designers (e.g. Perkins + Wills, Architecture for Humanity). In the end, the need for cities to become resilient promotes working practices that call into question the notions of ‘The Architect’ and ‘Architecture’.



Sarah-Jayne Stamper, Will Horn, Nicholas Cheng and Laura Gonzales Vega - Flood Watch

Arch. Land. Infra.

Coordinators

Dr Laura Coucill

Dr Luca Csepely-Knorr

Students

Jessica Abbott, Abbas Afsar, Florence Booth, Thomas Brunyard, Ziwen Cai, Karolina Dudek, Erin Edmondson, Connor Forecast, Sahachai Kumalwisai, Olivia Marshall, Elly Mead, Ben Miller, Kelvin Pang, Caterina Emma Pini, Tillman Pospischil, Annette Sibthorp, George Sims and David Wilkinson Arch.

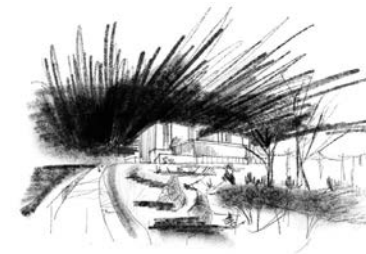
Land. Infra. runs alongside the research activities of the Post-War Infrastructure Research Network at MSA coordinated by Richard Brook, Laura Coucill and Luca Csepely-Knorr.

Through archival research, combined with design analysis techniques, this year, the workshop produced a series of four case studies of UK Power Stations designed in between 1950 - 1970 by key architects and landscape architects. In the face of updating and restructuring contemporary infrastructural networks, together with the continued decommissioning and

demolition of power stations, makes the documentation of these buildings a timely intervention and reinforces the potential application of the research to contemporary design.

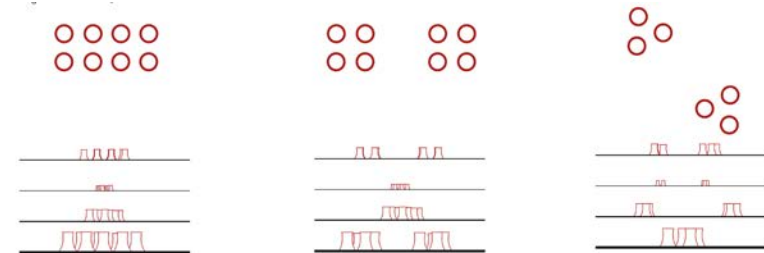
The four case studies, Didcot, Rugeley, West Burton and Trawsfynydd were explored through various methods of analysis. Students benefited from archival and exhibition workshops and talks, in addition to interviews; offering first-hand experience of core research methods and the opportunity to engage with external partners in a professional working context. Students worked directly with the Fredrick Gibberd Archives and the Landscape Institute Archives at The Museum of English Rural Life, University of Reading, documenting and analysing archival resources. Analysis took creative forms building on design skills to represent research findings in the form of diagrams, maps, drawings and models.

An exhibition of the work accompanied the international 'The Landscape and Architecture of British Post-War Infrastructure' Conference held in February at MSA supported by the Paul Mellon Centre for Studies in British Art.



Erin Edmondson, Ziwen Cai, Olivia Marshall, Ben Miller and Karolina Dudek

Thomas Brunyard, Annette Sibthorp, Tilman Postpischil and Sahachai Kumalwisai



David Wilkinson, Connor Forecast, Caterina Pini, George Sims and Abbas Afsar



Jessica Abbott, Florence Booth, Elly Mead and Kelvin Pang - Rugeley Power Station

Prefigurative Architectures

Coordinator

Dr Leandro Minuchin

Students

Kimberley Androliakos, Kam Ian Jessica Chan, Justin Chung, Rachel Helen English, Zhivka Ivanova, Yuanmei Lin, Khairul Asyraf Bin Mohd Rodzi, Christopher Myk, Frixos Petrou, Nadia Pinto, Thomas Prendergast, Jim Rapanut, Saad Sharifeh, Sioned Awen Williams

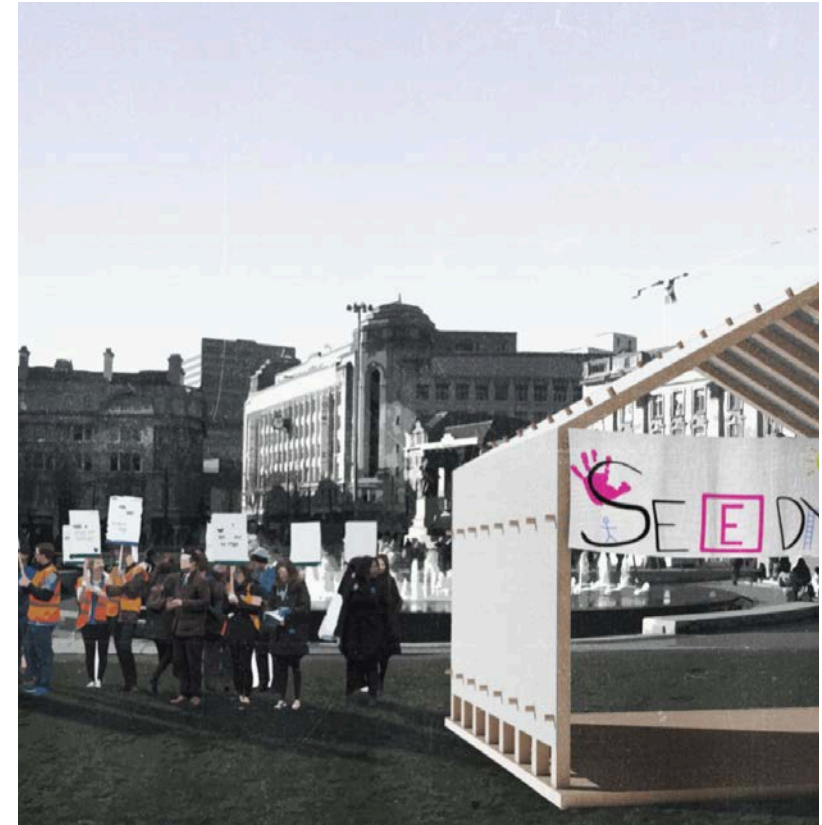
The workshop explored the theoretical and practical trajectories of the right to the city. The students mobilised the debates surrounding the term to engage with urban collectives and movements in Manchester. The aim was to register how the right to the city agenda was fostering the production of more inclusive infrastructural platforms. The workshop allowed students to trace and participate in the production of prefigurative interventions in the city.

50 years after Henri Lefebvre's publication of the right to the city, the urban has evolved into both, a privileged terrain to actualise modes of actualising and accelerating programs

of infrastructural re-arrangements, mobilising new transnational alliances and government technologies, the fabric of the city is configured into a surface for resistance: housing coalitions, expansive cooperatives recuperating sites and factories, grassroots organisations supplanting abandoned infrastructures of provisions and seeking spatial justice.

The right to the city was presented as an attempt to provide the critical tools to resist the expansive commodification of urban space: it introduced issues of autonomy and experimentation, highlighting the value of re-appropriating technical knowledges and articulating alternative platforms for the governing of urban space.

As part of the final projects, students engaged with urban movements using gardening to occupy abandoned urban fragments, anarchist collectives providing childcare support for activists and community groups exploring normative conduits to develop common spaces in the city. They co-produced material interventions and developed a conceptual booklet diagramming key conceptual nodes of Lefebvre's seminal work.



Pop up childcare centre at Piccadilly Gardens (as protest site)

Mapping Controversies

Coordinator
Prof Albena Yaneva

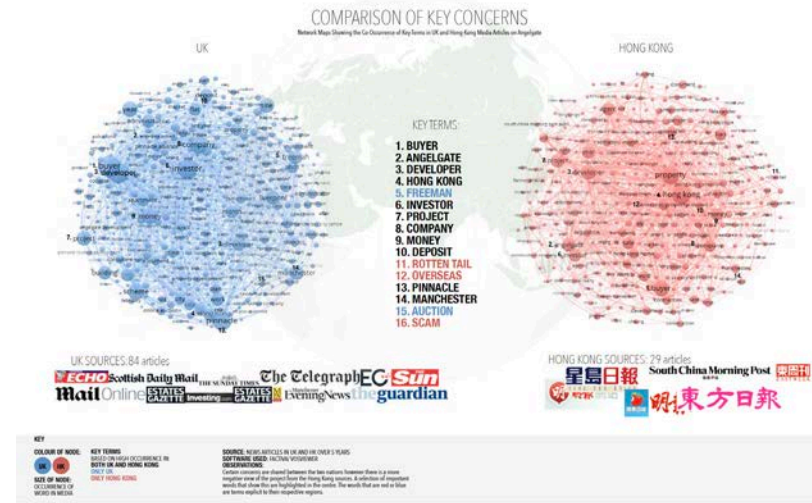
Teaching Assistant
Fadi Shayya

Students
Beatrice Beer, Chelsea Bland, [Kelly] Ka long Cheung, [Christine] Shu Mei Guan, Benjamin Harmer, Deanna Hetherington, Kwun Cheong Ho, Joshua Hunt, James Kennedy, Sarah Kim, Wei Liu, Adam Najia, [Jonathan] Chun Yin Ngan, Stephanie Phillips, Jorge Edward Reynolds, Lour Roberta, Aishwarya Somisetty

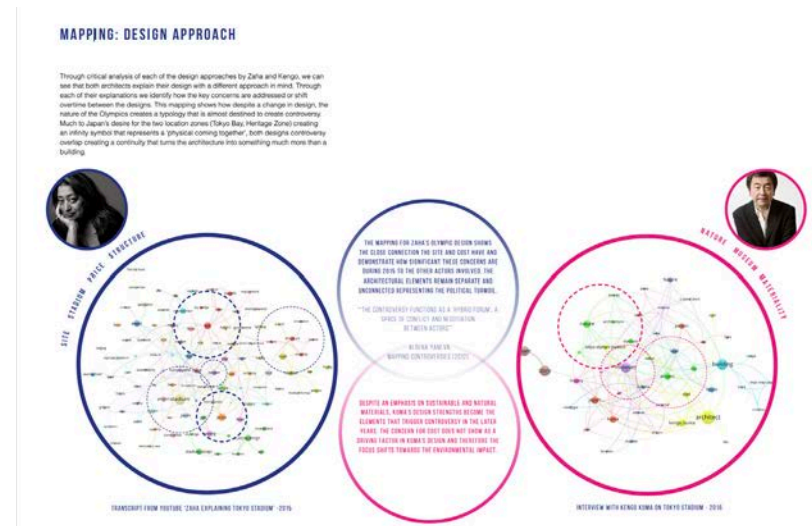
The Mapping Controversies course invites the students to explore a key feature of architectural practice – its controversial nature. New technologies, exploding budgets, uncertain expertise, contested authorship, innovations in construction, changing demands of clients and communities of users – these are but some of the issues architectural controversies stem from. The course equips the students with a new methodology to study a specific controversy of relevance to their current studio work or dissertation interests.

Mapping controversies includes collecting materials, following, analyzing, tracing connections and visualizing the controversy. Drawing on a number of digital tools the students learn in class, they produce timelines of the disputes, trace actorial maps, follow the trajectories of the changing positions of the protagonists in the debate, and design interactive diagrams (or websites). The analysis of each case is based on available on-line sources and media reports, as well as academic literature. Mapping controversies is a way to raise awareness of the social outreach of architecture and to prepare designers to better respond to the new political and economic challenges of practice.

This year students created a variety of maps and diagrams using a combination of digital tools, such as Zotero, VOSviewer and Gephi, and a range of sources including media articles and planning documents. They then used a range of design tools such as Photoshop and Illustrator to visually analyse and present their findings.



Sarah Kim - Angelgate Manchester



Joshua Hunt - The 2020 Tokyo Olympcis Stadium



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RE-IMAGINING STEVENSON SQUARE

MANCHESTER SCHOOL OF ARCHITECTURE

PRESENTS

NORTHERN QUARTER ?

@undoingurbanism

@masaurea

JCDecan JCDec

leaves with altitude delivered

MA Architecture and Urbanism

MA ARCHITECTURE + URBANISM

Co-ordinators

Eamonn Canniffe, Julie Fitzpatrick, Mazin Al-Saffar, James Dyson, David Chandler, Demetra Kourrisova, Dominic Sagar, Tamara Salinas Cohn, Yun Wu, Curtis Martyn, Claudio Molina Camacho, Yusuf Adams, Antonio Blanco Pastor

Students

Abu Mahfouz Nisreen, Agarwala Priyanka, Agbana Dorcas, Alluri Sanjana Sai, Bao Yangyang, Barakat Samer, Boonrawdchu Nana, Cardenas Julia, Chawda Anshul, Chehade Ivette, Chen Haochu, Chen Jing, Chen Ruiming, Chen Yang, Chen Xiaoxiao, Chu Hung Li, Chu Hungli, Dai Feng, Damrongrat Boonyakorn, Deng Ye, Geng Jiahao Grice Pippa, Huang Dongli, Huang Kuan Chieh, Huang Xinxiang, Jihanwen Li Keng, Li Lin, Jiang Bingyan, Jiang Congzhen, Ju Hong, Kang Jiayu Kokten Dilara Aysegul, Krisnandini Anggita, Kulisova Marina, Li Zhuo, Liu Yaqi, Liang Ruoxi, Liu Yujie, Liu Zhidong Lubis Rahmita Dewi, Ma Cheng, Ma Qing, Matuszczak Aleksandra, Mei Jiayi, Miao Tingting, Nguyen Thi Phuong Thao, Orova Marcell, Ou Yuansen, Pradyatanetkul Naruporn, Qi Shuo, Raoofat Mohammadreza, Rehman Adnan Ur, Rehman Salman Ur,

Renganathan Priya Kannu, Rayhane Saber, Sehdev Saurav, Shang Yan, Shen Cheng, Shen Wei, Shi Jia, Siao Jhih Jhong, Su Yuqi, Sukonthaphan Natthaphan, Sun Jiawen, Sundar Kavin Tam Yau Hang, Thanigaivelu Nirmalraj, Tian Gechuan, Vaca Benavides Erick, Wang Jiacheng, Wang Jingram, Wang Zhilong, Wen Rui, Xu Lisha, Yang Xiao, Ye Wenrui, Yin Shijie, Yu Jiayu, Zhang Bowen, Zhang Qu, Zhang Shuai, Zhang Zhaozhao, Zhao Jiajun, Zhou Shuqian

MA Architecture and Urbanism is a taught postgraduate course that conducts research into how global cultural and economic forces influence contemporary cities. The design, functioning and future of urban situations are explored in written, drawn and modelled work that builds on the legacy of twentieth century urban theory and is directed towards the development of sustainable cities.

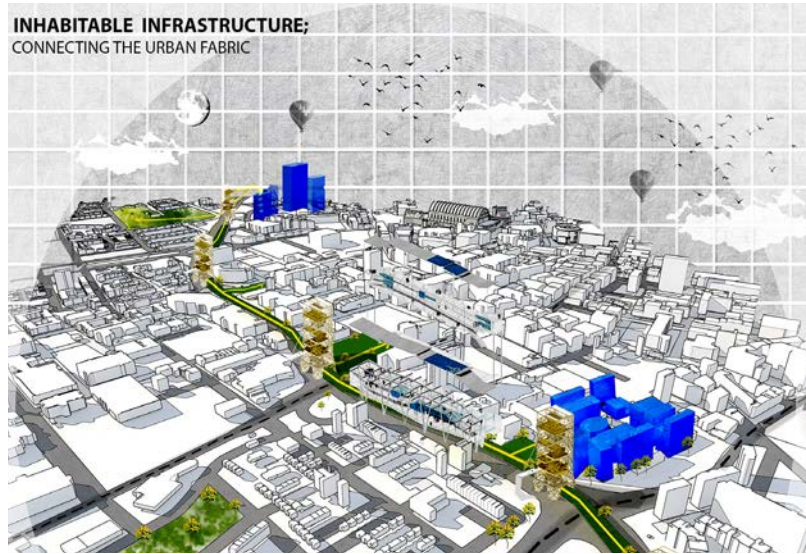
The international cohort of students work in a variety of modes, as groups and individuals, through seminar groups and individual tutorial sessions using the full range of media and the extensive facilities available through our parent institutions the

Manchester School of Art (MMU) and the School of Environment, Education and Development (UoM). In the 2018-19 session the year began with the production of a new masterplan for the Northern Quarter in Manchester which was exhibited for consultation in situ.

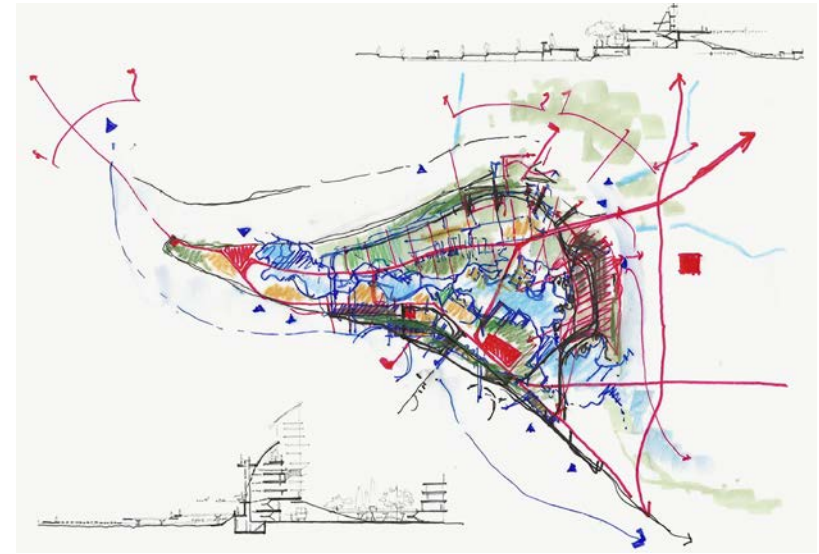
Undertaken in the context of Manchester as a rapidly changing post-industrial city the world wide focus of the course encourages comparative discussion of different situations in other global cities and actively disseminates students' thesis work through conferences, exhibitions, competitions and publications.

The course enables the students to engage directly with a chosen research subject area, gather data and formulate an original approach in their practice. The synthesis of these elements culminates in the production of a leading-edge proposition in an urban design research project supported by an academic thesis leading to careers in both academic research and professional practice. The MA A+U was placed twelfth globally in the ranking of Architecture Masters courses in 2018.

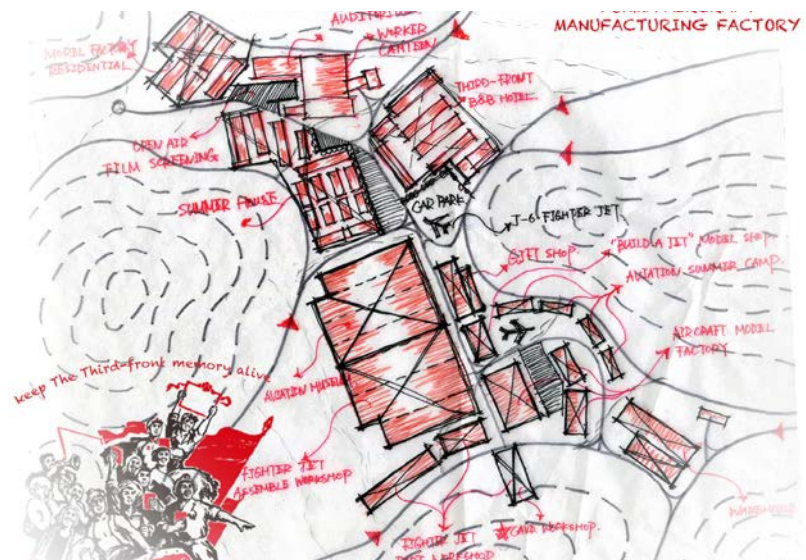
instagram @maaumsa



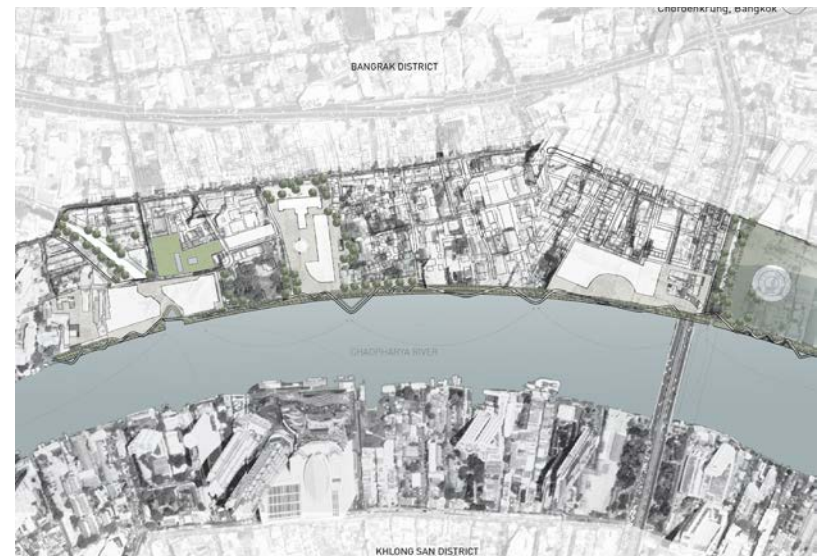
Salman Ur Rehman - Inhabitable Infrastructure, Manchester



Jhih-Jhong Siao, Rebirth Island, Taipei



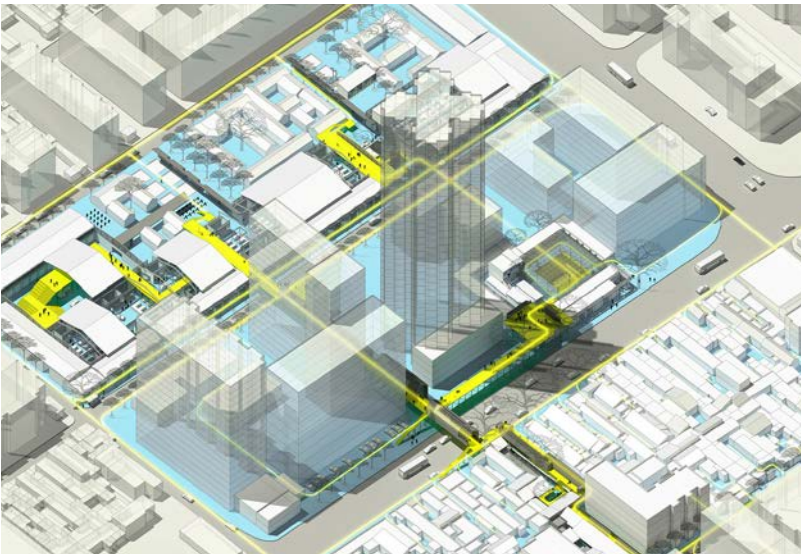
Congzhen Jiang - Aircraft Factory, Anshun



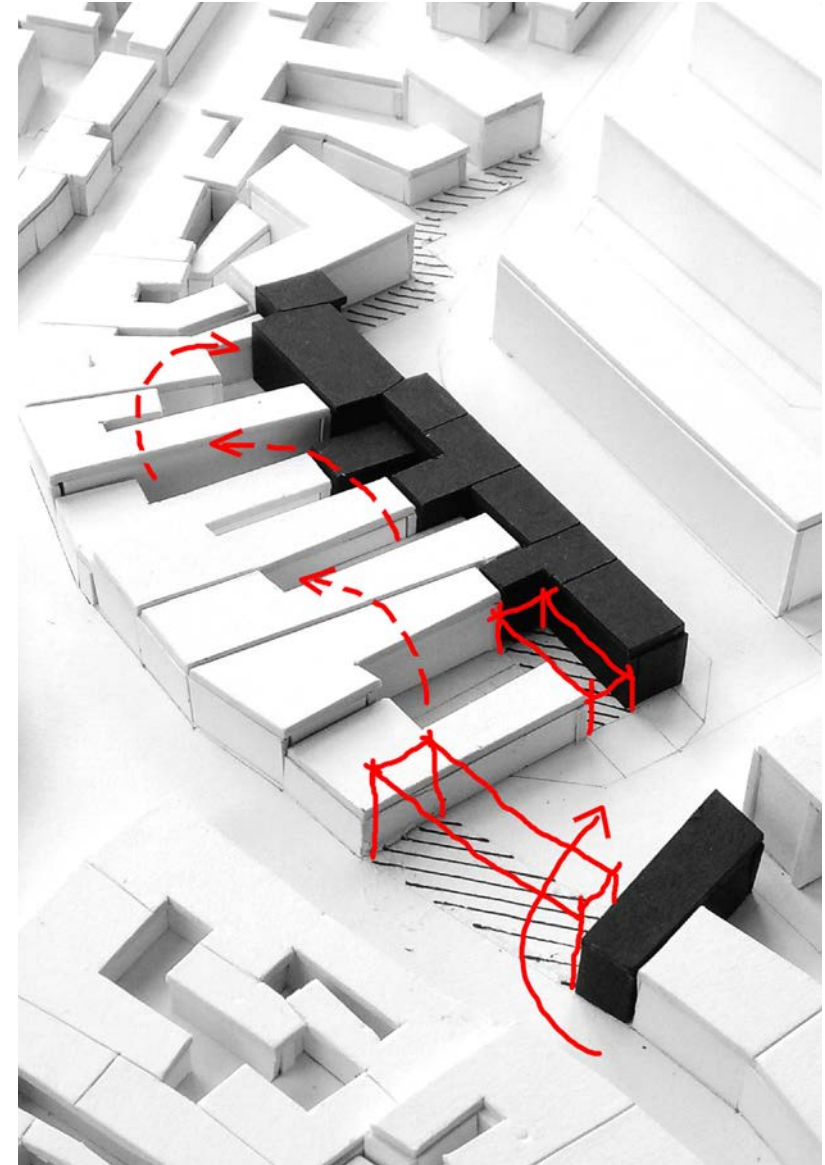
Naruporn Pradyatanetkul - Creativity District, Bangkok



Ruiming Chen - Urban Regeneration, Jinan



Jingran Wang - Cell and Blood, Taiyuan



Marcell Orova - Part-houses, Sopron



Samer Barakat - A Marketplace, Tripoli



Qing Ma - Post earthquake shelter, Osaka



Marina Kuliasova - Exhibition pavilion at 'Kedr' distillery, Irkutsk



Kuan-Chieh Huang - Suspended village, Tainan



Nisreen Abu Mahfouz - Regenerating brownfields, London



Erick Daniel Vaca Benavides - Microcentrality Node, Quito



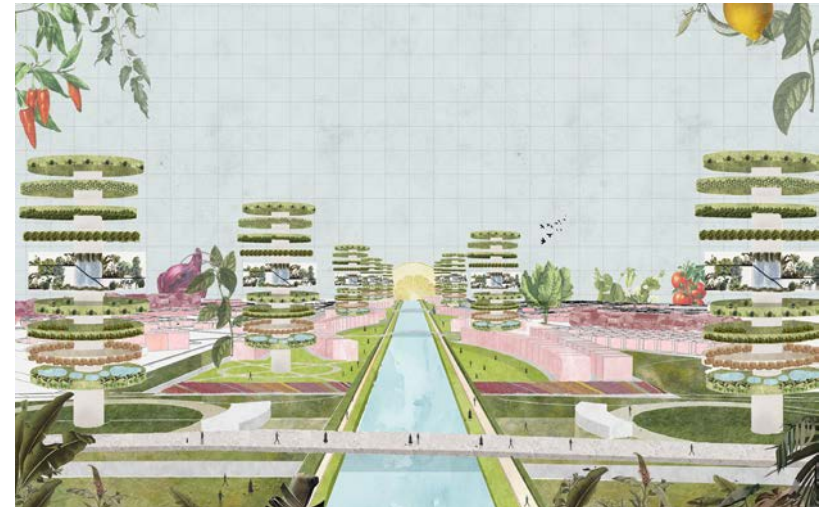
Zhilong Wang - Historic urban areas renewal, Nanjing



Nana Boonrawdchu - Resilient Riverfront Development, Bangkok



Tingting Miao - Eco park, Wuhan



Rahmita Dewi Lubis - The Healer of the City, Medan

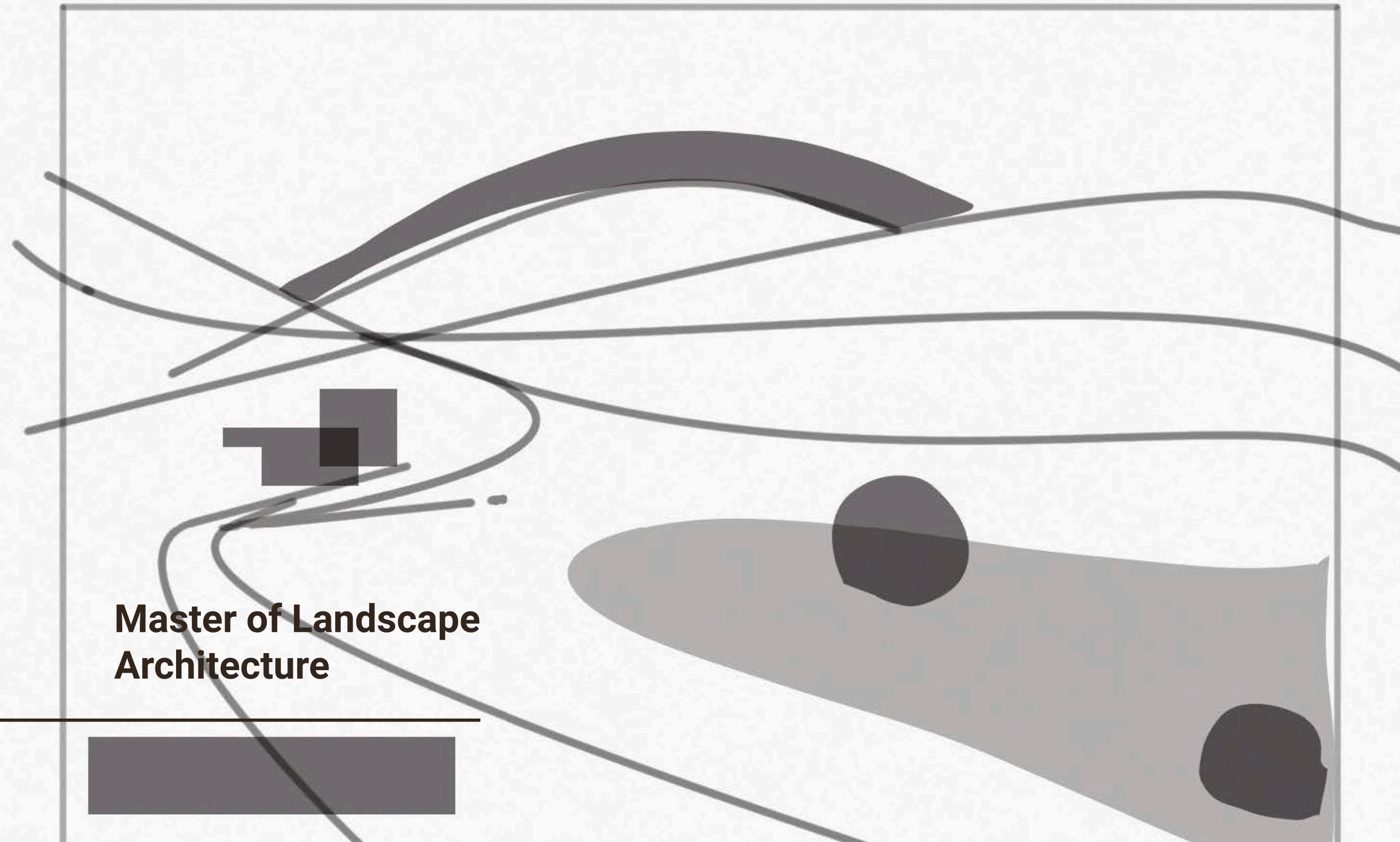


Rui Wen - Renovation of T.C. Street, Chengdu



Adnan Ur Rehman - Coastal Development, Havana

**Master of Landscape
Architecture**



MASTER OF LANDSCAPE ARCHITECTURE

Staff

Eddy Fox, Ian Fisher, Dr Joanne Phillips, Mick Timpson, Dr Kristof Fatsar, James Richardson

MLA 1

Vanessa Johnson, Sonali Mallapur, Jack Qiang Li, Xianzheng Zeng, Lauren Pridding, Swatilekha Banerjee, Kimiya Behrouzian, Zilu Meng, Nicholas Baron, Sahil Unkule, Beavan Flanagan, Anushriya Pherwani

MLA 2

Jeerawat Chuttiwatthanada, Maxwell Cooper, Beth Houston, Emma Yi-Hsien Kao, Oliver Kingshott, Matthew Peilow, Jenifer Rainford Mendez, Mohammed Saad Sait, Rani Sasindran, Mary Timchula, Jeffrey Chun Kit Leung, Daniel Atton, Isabel de Garston, Adam Taylor, Ashley Eagles, Anthony Lynch

Below the superficial veneer of the rural idyll, lies a fragile and contradictory reality of ecological desertification, high-tech agriculture, concentrated land ownership, resource extraction and energy generation, subsidy-dependent hill farming, and isolated, aging communities.

The landscapes we associate with our rural areas are often artificially maintained through complex systems of subsidy and regulation, predicated on the conservation of an outdated model of rural beauty. The idea of the countryside as a kind of living museum co-exists uncomfortably with the high tech, intensive production-line of modern agriculture and the aging, impoverished communities to which it often gives rise.

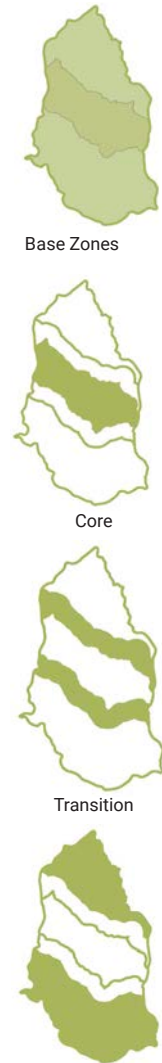
MLA2 students' work this year has explored the tensions and contradictions of the rural landscape in the context of the M6 corridor between the Lake District and Yorkshire Dales National Parks, investigating potential alternative models for a more ecologically, socially and economically diverse rural landscape.

Hyper Rural

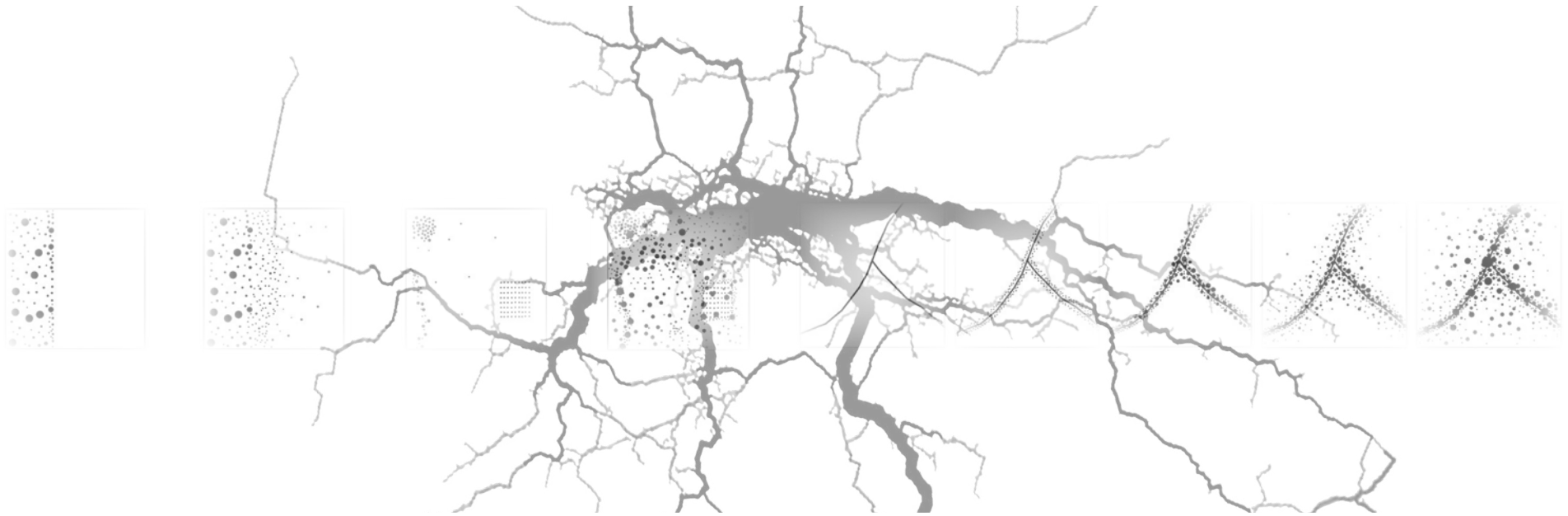
"The countryside is now ... more volatile than the most accelerated city."

Rem Koolhaas

Our rural landscapes are mythologised as timeless places of beauty and tranquillity, or commodified for the consumption of urban leisure seekers.



Jeffrey Chun Kit Leung, A Sharing Rural / Adam Taylor, The Wilderness Continuum



Oliver Kingshott, Fractal Landscapes

Manchester School of Architecture

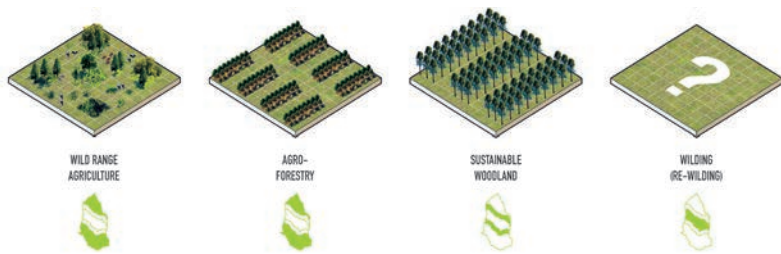
Manchester School of Architecture



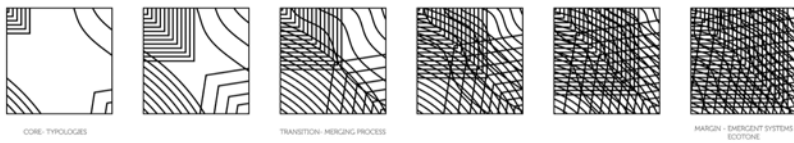
Emma Yi-Hsien Kao, Reprogramming Monocultural Landscapes



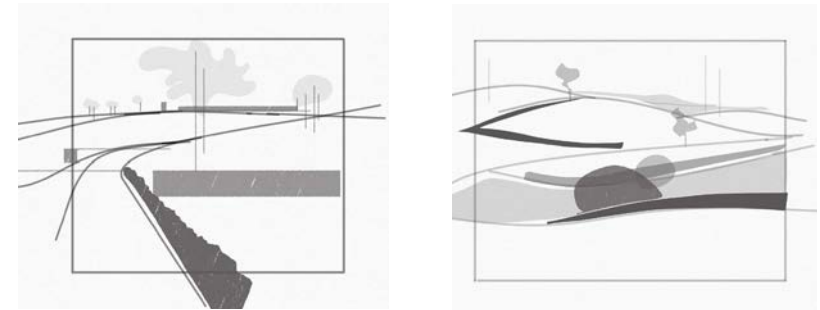
Oliver Kingshott



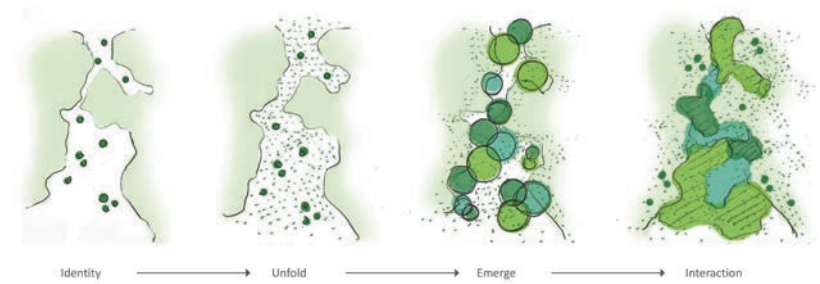
Scenarios on the Wilderness Continuum, Adam Taylor



Interacting Ecotones, Oliver Kingshott



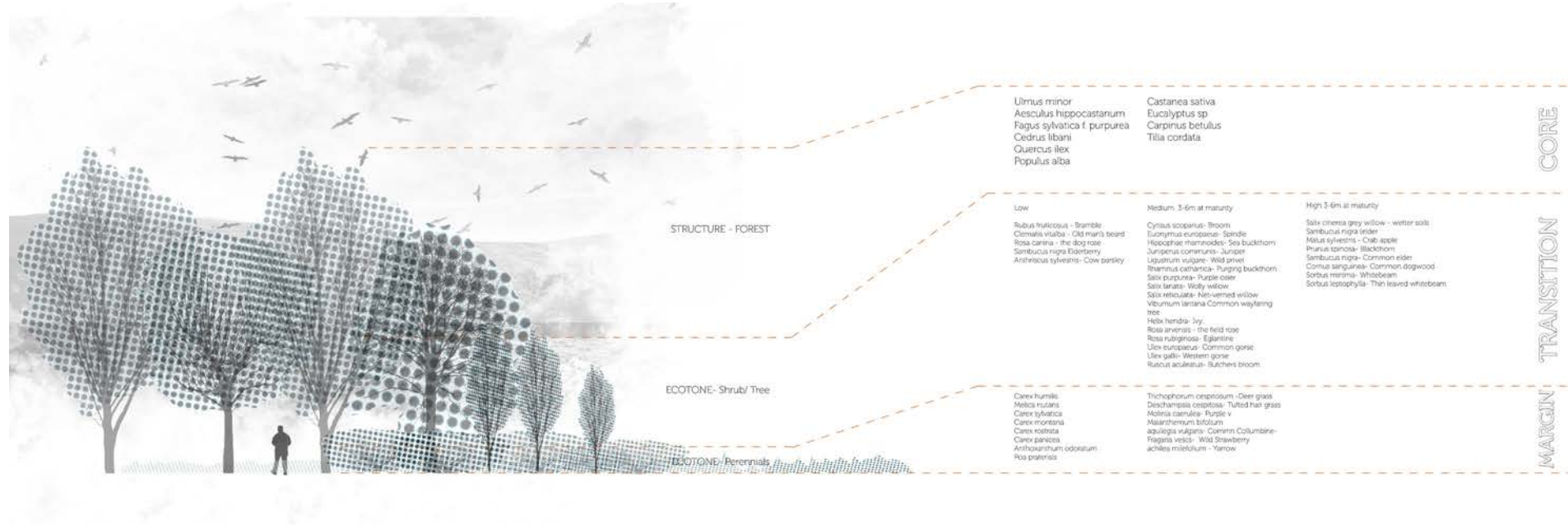
Peripheral Vegetation Structures, Beth Houston



Dynamic Interaction, Emma Yi-Hsien Kao



Boundaries becoming something, Oliver Kingshott



Ecotone Section, Oliver Kingshott

B.15 MODELMAKING WORKSHOP

Workshop Manager

Jim Backhouse

Workshop Technician

Scott Miller

Technical Assistant

Saul Parker-Backhouse

It's been another busy year in B.15 with the model store bursting at its seams as we approach the annual show. In the last 10 months the workshop and our passion for design through modelmaking has been the subject of a number of international events beginning right after the last annual show closed its doors.

What We Do Here - Venice Biennale Sessions Premier and Associated Events

June 29th 2018 saw the premier screening of WHAT WE DO HERE: an anthropology documentary focussed on the previous year at the B.15 modelmaking workshop exploring the idea of learning through the act of making. The screening and panel discussion took place as part of the 16th Architectural Biennale in Venice and

was chaired by Professor Tom Jefferies along with supporting speakers: Furniture Maker Hugh Miller and Simon Doody, Partner at Feilden Clegg Bradley Studios

The film then began a five month residency at the European Cultural Centre's Palazzo Bembo Exhibition: Time Space Existence. During this time the school returned to visit the ECC exhibition and with their co-operation, took part in discussions, symposia and workshops including Cork Modelling with the Atelier Platform.

In September it was featured at the Los Angeles Independent Shorts film awards winning awards for Best Editing and Best Documentary. October saw the UK Premiere at the Manchester Great Northern Odeon Cinema with supporting lecture and discussion with Hawkins\ Brown Architects and in March it was officially selected and screened as part of Palm Springs Modernism Week. The project has seen some great success with engaging discussion on the subject of making with the potential for more in the future.

Atelier La Juntana 2018

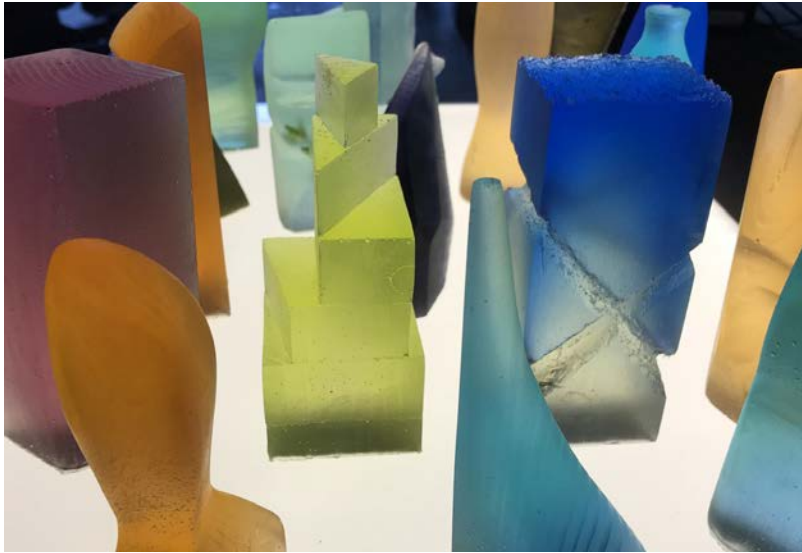
In July 2018 a second group of students from both BA and MArch made their way to the small town of Liencres near Santander for the second year of the schools collaboration with Atelier La Juntana: Modelmaking in the Digital Age Summer School. The week-long course provided a foundation in a range of making techniques with a view to them being applied when they returned to Manchester for the 18/19 academic year. The work and course was discussed as part of the MSSA's BY30 series in November. A third course is planned for July 2019 and will be attended by our new workshop assistant Saul Parker-Backhouse.

SimpsonHaugh Modelmaking Awards 2019

Once again SimpsonHaugh have collaborated to support our annual modelmaking awards following last years' successes which saw the successful employment of both BA and MArch graduates. The scheme was officially launched at the Manchester office and their in-house modelmakers visited the workshop offering students

advice and insight ahead of the final judging.

More information about workshop activities can be found at www.manchester.ac.uk/b15workshop



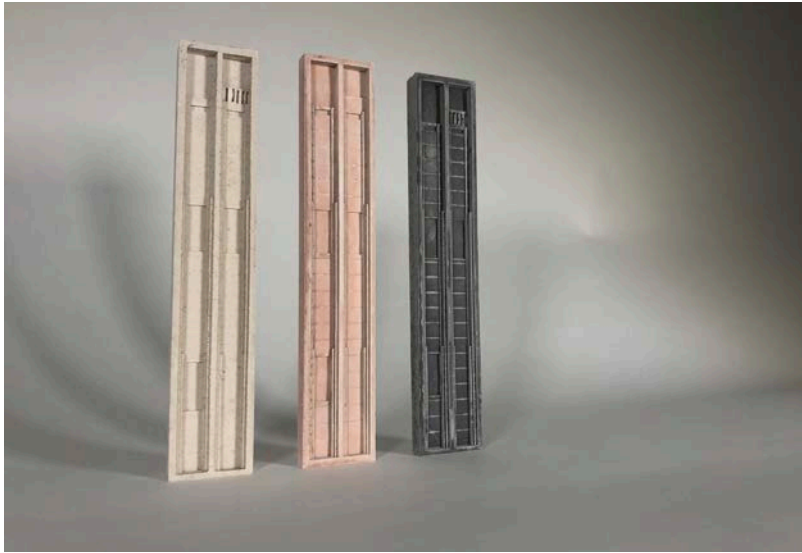
Resin Tower Casts at Atelier La Juntana Summer School 2018



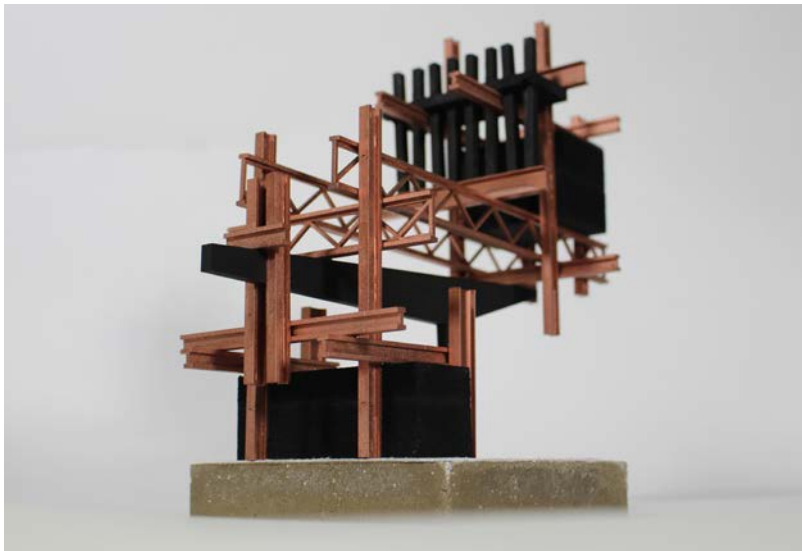
Students at Atelier La Juntana Summer School 2018



WHAT WE DO HERE anthropology documentary film poster, shown at 2018 Venice Biennale



Facade Casts by 3rd Year student Cameron Frame



Structural intervention model of Templehof Airport by 5th Year Maciej Augustynowicz



Sean Martins final presentation model in discussion with Jim Backhouse and TA Lobna Elagouz

MANCHESTER STUDENT SOCIETY OF ARCHITECTURE

Core Committee

Adam de Vere (Chair)
Emily Edwards (Vice-Chair)
Felix Exton-Smith (Treasurer)
Becky Whitehead (Secretary)
Indigo Leveson-Gower (Social Secretary)
Shreenidhi Srinath (Social Secretary)
Zafir Ameen (Publicity)
Yuki Pan (Merchandise)
Dilan Vithlani (Sports Officer)

Subgroup Coordinators

Before You're 30 (BY30)
Alicia Desmay

Manchester School of Architecture

Debating Union (MSADU)
Tazeen Raza, Alexander Wallace, Rory Thomas, Olivia Mihale

MSSA Zine

Rowena Rowland, Zafir Ameen

Architecture Schools' Network (ASN)

Olivia Mihale

Without A Home (WOAH)

Eleanor Moselle, Zafir Ameen, Rory Thomas

MSSA Sketch on Site (S.O.S.)

Mylan Thuróczy, Jamie Loh

MSSA Photography

Paula Bruvere, Reicela Zapevalova

and thanks to all of those who have dedicated themselves to the MSSA by coming along to our meetings.

Shortlisted for the NUS Best Academic Society 2018/19

Shortlisted for the Union's Best Academic Society 2018/19

We are Manchester Student Society of Architecture, the UK's largest student society of architecture, representing over 800 students from over 50 countries who benefit from free and automatic membership to the MSSA. This year we've been hugely invested in providing a greater range and frequency of events by expanding the scope of our activities. We aim to enhance the schools' ethos of creating "Global Mancunians."

Our huge committee has been dedicated to providing great and varied opportunities for our members,

including socials, talks, lectures, new merchandise, magazines, workshops, debates, and our summer ball, we look forward to an expanding next year with an even larger committee.

The MSSA is moving from success to success, being shortlisted for both the National Union of Students' and MMU's Best Academic Society Award and gaining increased recognition in Manchester and amongst other UK student societies of architecture. This year and next we are leading the reanimation of the Architecture Schools Network (ASN) to harness the combined resources of architecture students in the region and nationwide.

We have been hard at work to provide equal opportunity for students, aiming to match the society with the school through an array of academic and social events.

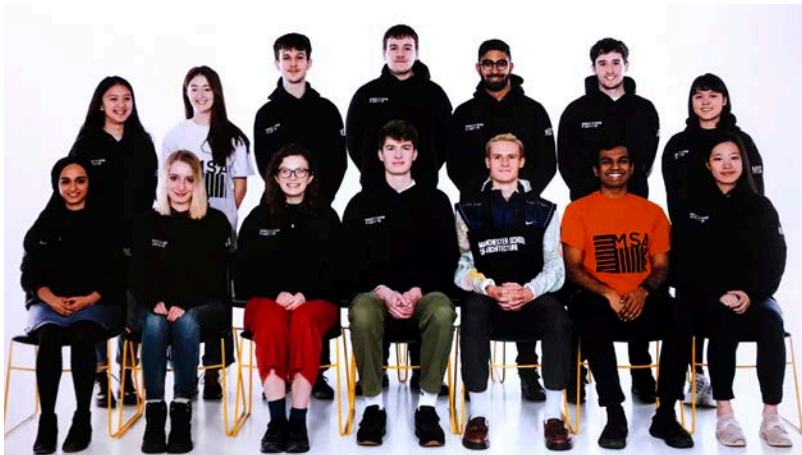
The MSSA acts as an umbrella for a variety of subgroups which use the society to coordinate a wide range of activities to ensure a more complete architectural experience. Highlights of our year include: our notorious Architrave social, this year held at Night People involving the heads of the architecture school on the DJ decks;

Night People involving the heads of the architecture school on the DJ decks; monthly talks from BY30 including a collaboration with the Brick Development Association; debates from MSADU discussing architectural topics outside of the studio; a joint social with the UoM music society 'Precision'; the growth of the MSSA zine; a visiting lecture from keynote speaker Dr. Chris Abel discussing 'The Self-Field'; seeing WOAH (Without A Home) develop in its community engagement projects, and, of course, our summer ball, held at the Brickworks beneath the Barton Arcade in the city centre.

We are very pleased with what we have achieved with our members this year, next year is sure to be just as remarkable.



Before You're Thirty - Event



Core Committee 2019

**M
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Logos within the MSSA



Precision Music Social



WOAH at TedxUoM



WOAH Sounds of the Street Exhibition



Dystopia/Utopia, 'Urban' and 'Water' zines in print

OPEN LECTURES & SYMPOSIA

Manchester School of Architecture

MANCHESTER SCHOOL OF ARCHITECTURE

11 March 10.00 - 12.00AM / 8A 1.00 - 4.30PM
WEDNESDAY 30TH JAN
MMU BUSINESS SCHOOL
INFO + REGISTER: bit.ly/employercafe2019

EMPLOYER CAFE
ARCHITECTURE NETWORKING 2019
@TheMSArch #architecturecafe

MANCHESTER 1824
MSSA
EMPLOYMENT EVENT

MANCHESTER SCHOOL OF ARCHITECTURE

DEGREE SHOW

THU 10 JUNE 2019
10.00AM - 5.00PM
MANCHESTER METROPOLITAN UNIVERSITY
100, OXFORD ROAD, MANCHESTER M1 2LN

INDUSTRY PREVIEW OF DAYONE
11.00AM - 12.00PM
MANCHESTER METROPOLITAN UNIVERSITY
100, OXFORD ROAD, MANCHESTER M1 2LN

FRI 17 JUNE 2019
OPENING NIGHT & AWARDS
6.00PM - 10.00PM
MANCHESTER METROPOLITAN UNIVERSITY
100, OXFORD ROAD, MANCHESTER M1 2LN

SAT 08 - WED 10 JUNE
SHOW CENTRE
MANCHESTER METROPOLITAN UNIVERSITY
100, OXFORD ROAD, MANCHESTER M1 2LN

INFORMATION: WWW.MSA.AC.UK/PREVIEW2019
TO ENQUIRE: NETWORK@MSA.AC.UK

MANCHESTER 1824
MSSA
MANCHESTER SCHOOL OF ARCHITECTURE
EMPLOYMENT EVENT

MANCHESTER SCHOOL OF ARCHITECTURE

6.00PM TUESDAY 19TH MARCH 2019
4TH FLOOR MANCHESTER SCHOOL OF ART
BENZIE BUILDING M15 6BR
Arrive early to guarantee a seat
FREE DRINKS AFTER TALK

LEARNING FROM

SUPER USERS

WHAT ARCHITECTURE STUDENTS NEED TO KNOW TODAY AND FOR THE FUTURE

RANDY DEUTSCH

@TheMSArch @RandyDeutsch #superusers
www.randydeutsch.com

MANCHESTER 1824
Manchester Metropolitan University
MSSA
RIBA
Manchester Architects
VISITING SPEAKER

Manchester School of Architecture

MANCHESTER SCHOOL OF ARCHITECTURE

Master of Landscape Architecture
Open Lectures 2016-19

DR ROSEMARY SHIRLEY

Senior Lecturer in Art Theory and Practice, MMU

Rural Mythologies

October 17th, 18.00-19.30
MMU Business School, Lecture Theatre 33



Unlabeled, from Country Girls 1999, Anna Fox and Alison Boldt/Artforum

Dr Rosemary Shirley is a Senior Lecturer in Art Theory and Practice at Manchester Metropolitan University. Her research centres on everyday life and visual culture, with an emphasis on contemporary rural contexts. She is particularly interested in how contemporary artists engage with landscape as a place that is lived in rather than simply looked at or visited. She is currently working with the Whitechapel Gallery on a series of events entitled, The Rural: Contemporary Art and Spaces of Connection. She recently co-curated the large-scale exhibition, Creating the Countryside: Thomas Gainsborough to Today at Compton Verney, co-edited the book Creating the Countryside: The Rural Today Past and Present (Paul Holberton 2017), and is the author of Rural Modernity, Everyday Life and Visual Culture (Routledge 2015).



MANCHESTER SCHOOL OF ARCHITECTURE

Master of Landscape Architecture
Open Lectures 2016-19

STEPHAN PETERMANN

Architect, Researcher and Publisher. Collaborator with Rem Koolhaas and OMA

Emerging Landscapes of Chinese Hyper-Rurality

November 14th, 18.00-19.30
MMU Business School, Lecture Theatre 33



Houssang, China (Image: Stephan Petermann)

Stephan Petermann holds a Master's degree in the History of Architecture and the Theory of Building Preservation from the University of Utrecht (2001-2007) and studied Architecture at the Technical University of Eindhoven (2001-2005). He worked for architecture magazine VOLUME in 2005 and joined OMA in 2006 assisting OMA's founder Rem Koolhaas with lectures, texts and research. He was one of the associates in charge of Koolhaas' 'Fundamentals' Architecture Biennale in Venice in 2014, where he coordinated the 65 national pavilions and was one of the principals working on the 'Elements of Architecture' exhibition and publication. He was a VELUX guest professor at the Arkitektikkolen in Aarhus, Denmark in the Summer/Fall of 2016 creating a new student-driven temporary research consultancy about the history and future of the office. He is currently working on two research projects: one about the metabolism of workspaces with the Ohio State University, the other on the future of the countryside in collaboration with Harvard Graduate School of Design and the Chinese Academy for Fine Arts.



MANCHESTER SCHOOL OF ARCHITECTURE

Master of Landscape Architecture
Open Lectures 2016-19

MICHAEL WOODS

Professor of Human Geography at Aberystwyth University

[Re]-Assembling Place in the Global Countryside

October 31st, 18.00-19.30
MMU Business School, Lecture Theatre 33



Michael Woods is Professor of Human Geography at Aberystwyth University and Co-Director of the Wales Institute of Social and Economic Research, Data and Methods (WISERD). His main research interests concern change in contemporary rural societies and localities, especially questions around how globalization works through rural places to create an emergent 'global countryside', which he has been exploring in a European Research Council Advanced Grant, GLOBAL-RURAL, involving research in 14 countries around the world. He is also currently involved in research on civil society and communities (ESRC WISERD/Civil Society research centre), territorial inequalities and spatial justice (MAJINE project) and rural-urban synergies (ROBUST project). He is Editor of the Journal of Rural Studies and has written or edited a number of books including: Contesting Rurality: Contemporary Rural Politics in Britain (Ashgate, 2005), and the textbooks, Rural Geography (Sage, 2005) and Rural (Routledge, 2011).



MANCHESTER SCHOOL OF ARCHITECTURE

Master of Landscape Architecture
Open Lectures 2016-19

BEN STRINGER

Senior Lecturer in Architecture, University of Westminster

Planetary Villagisation

November 28th, 18.00-19.30
MMU Business School, Lecture Theatre 33



Solar Manpas at the Barford College, Tilonia, Rajasthan

Ben Stringer teaches architecture design, history and theory at the University of Westminster, London, where he leads the DS12 Masters design studio. He is also a trustee of the Oxford City Farm. He has recently edited the book 'Rurality Re-imagined', and guest edited a 'Villages and Globalization' issue of Architecture and Culture Journal. He was a principal organiser of the Re-Imagining Rurality conference and exhibition, held in London in 2015 and has lectured in the UK, Europe and Asia.

In this lecture, Ben Stringer will explore alternative readings of rurality and focus on the vital economic and environmental role of rural villages. He will set this theme in the context of a dominant narrative of global urbanisation which simultaneously portrays the rural village as outdated, whilst branding artificially created urban communities as 'villages'.



MANCHESTER SCHOOL OF ARCHITECTURE

Master of Landscape Architecture
Open Lectures 2016-19

DAVID HALEY

Visiting Professor, Zhongyuan University of Technology and Vice Chair of the Art & Environment Network (CIWEM)

Ecological Resilience: life support systems for 'homosapiens-urbis'

January 24th, 18.00-19.30
MMU, Chatham Building, Lecture Theatre 312



The VIEWPOINT Project, Gumbria (Author's image)

David makes art with ecology, to inquire and learn. He works internationally, with ecosystems and their inhabitants, to generate dialogues that question climate change, species extinction and urban development.

From the Fertile Crescent to agro-industry, from mineral extraction to heritage theme park, the synergy between urban and rural landscapes has always been at the expense of the latter. As human populations embark on the greatest transformative challenges in our history, we may question: what is land for and how may it contribute to human and non-human life support systems?

Based on ecological arts projects in Chumbia, Manchester and Henan Province, China, this presentation will consider the paradox of Sustainable Development as it is played out through 'ecosystem services', 'natural capital', conservation and restoration. While 'heritage is what culture makes of history', our marketing aspirations seem reminiscent of 18th century Romanticism, deluded by techno-fix solutions to 'wicked problems'. The presentation will propose reinventing the metabolism of Northern Britain as a key to 'tapped futures' for adaptation to ecological resilience.



MANCHESTER SCHOOL OF ARCHITECTURE

Master of Landscape Architecture
Open Lectures 2016-19

Metabolic Urbanism

DR. VINCENT WALSH

February 21st, 18.00-19.30
MMU, Chatham Building, Lecture Theatre 312



Vincent's background includes architecture, urbanism, agricultural technologies and ecological life support systems. His doctoral research was chosen as one of the 100 Best Ideas that will change the future by the Research Council UK, and he was awarded the Nick Reeves Award for Arts, Water and the Environment. Vincent investigates the integration of biological and technical urban infrastructures to support urban circularity and adaptability, to transform linear systems of consumption and waste to a sustainable and regenerative circular model, creating opportunities for economic gains. His research method is a transdisciplinary, whole-system approach, focused on the emergence of new biological infrastructure, innovation and cultures.

Vincent is the UK Partnership Executive for the Biopolis Group, an international organisation providing technology for integrated urban circularity, and a member of the Ellen MacArthur Foundation CE100 elite club, representing the most influential organisations in the development of Circular Economy. Biopolis created the BioMakers, an urban metabolic hub, to integrate circular urban infrastructure and technology with open innovation, helping cities transition from their current linear system of consumption and waste, to a sustainable and regenerative circular model.

This talk will cover Vincent's varied background and interests which led him to his PhD and his current role, and will emphasise the importance of a systems-based, holistic approach to the design and planning of the built environment. His work, and that of the Biopolis Group, integrates architecture, engineering and ecological process in ways which have huge potential implications for our landscapes and cities in an era of radical rethinking of the way we live in response to climate change.



MANCHESTER SCHOOL OF ARCHITECTURE

Master of Landscape Architecture
Open Lectures 2016-19

Where have all the big trees gone?

BRITA VON SCHOENAICH PGDip, Dip.Hort. (Kew), CML
Principal at Bradley-Hole Schoenaiach Landscape Architects

February 7th, 18.00-19.30
MMU Chatham Building, Lecture Theatre 312

Imagine yourself in London in the 22nd century. Most big street trees will no longer be there. Many are over 100 years old now and by 2100 they will be dead. Future city dwellers may look at images of today and wonder what happened to all the big trees. Whilst a recent survey of London Trees show that 20% more trees were planted than removed, not many of these will be in our streets where we need them most. The life expectancy of new trees in confined soil volumes is limited and Highway 'needs' means broad canopy trees are rarely planted along roads. Brita will consider 300 years of tree planting and what strategies, fighting spirit and at times devious planning could ensure big city trees for the future.

BRITA VON SCHOENAICH PGDip, Dip.Hort. (Kew), CML
Following her studies at the Royal Botanic Gardens Kew, Brita completed a post-graduate course to qualify as a Landscape Architect. She has been influential in promoting what used to be referred to as New Potential Planting and is a partner at Bradley-Hole Schoenaiach Landscape Architects. Brita was one of the UK's 'Best Greenlife Gardeners' and her meadow at Hoorath roundabout was an early Chelsea Fringe entry. Projects include the grounds at Stanton Williams' Stirling Prize-winning Salisbury laboratory at Cambridge, Botanic Gardens and Kings Cross Square. Current commissions are the grounds for a school in suburban China, the landscape around the BFC new entrance building at Wisley and a masterplan for Britain's largest cemetery. She has also been teaching landscape design at Kew Gardens for many years and is a frequent speaker at international conferences.



MANCHESTER SCHOOL OF ARCHITECTURE

Master of Landscape Architecture
Open Lectures 2016-19

We need to talk about vegetation!

PROF. JAMES HITCHMOUGH

March 7th, 18.00-19.30
MMU, Chatham Building, Lecture Theatre 312



Vegetation is critical to the resolution of many of the great environmental and sustainability challenges of the twenty-first century. To address these, it is important that landscape architects have an in-depth understanding of vegetation from the very large scale to the very small, including both design and long term management. Most landscape architects think they know something about plants but in reality the depth of understanding is often very shallow. This is a significant problem within a discipline in which most participants have severed their formal connections with biological understanding of the world at age 16. What are we to do about this? It's a tough nut to crack, and it may be un-crackable but we need to at least talk about it rather than delude ourselves that everything is good.

James Hitchmough is Professor of Horticultural Ecology, and until recently, head of Department, at the Department of Landscape Architecture, University of Sheffield. His research interests lie in the development of new approaches to planting design in urban places, and what human beings think of this. He is also a practitioner and has worked on many of the major vegetation-focused projects in the UK over the past 25 years, including as the co-conceiver of planting design at the London Olympic park. He travels very extensively to work on international projects, for example in China, the USA and Australia, but mostly to look at vegetation in the wild both as an inspiration and a source of understanding.

To gain a better understanding of his world see his Instagram feed, jameshitchmough



Manchester School of Architecture

Manchester School of Architecture

MANCHESTER SCHOOL OF ARCHITECTURE

MUSIC AND SOUND STUDIES RESEARCH GROUP
MANCHESTER-DETROIT RESEARCH GROUP
& MEDIA TALKS

We Haunt While You Watch
// a sonic presentation from Detroit

Kristen Gallermeaux is a museum curator of technology, overseeing wide-ranging collections that include artifacts such as the 1964 prototype Muzak synthesizer, 19th-century transatlantic telegraph cables, phone answering devices, and radios used in prisons.

HIGH STATIC DEAD LINES

Tuesday 9th October 5.00pm
Geoffrey Manton Lecture Theatre 1

OPEN TO ALL

Atelier USE Presents

RAAAF [Rietveld Architecture-Art-Affordances]

Featuring **Ronald Rietveld**

8th February 17:00 Benzie BZ403

MANCHESTER SCHOOL OF ARCHITECTURE

MANCHESTER SCHOOL OF ARCHITECTURE

THE CHANGING LANDSCAPES OF ARCHITECTURAL PRACTICE

CONVENOR: Professor Albena Yanova

KEYNOTE SPEAKER: Professor Dana Cull

INVITED SPEAKERS: Thomas Yarrow, Monika Konrad, Rory Hyde

26.9 | 4PM SYMPOSIUM

ANOTHER SCENOGRAPHY FOR ARCHITECTURE
Experience and a Renewed Empiricism

INVITED SPEAKERS

09.45am Professor Héline Frichot
11.00am Dr Keith Murphy

Presentations of PhD Students from MARG

CONVENORS: Simon Mitchell, David Jordan, Ben Blackwell, Sarah Malmström and Maria Zavor

1.69/70 Humanities Bridgeford Street
06 June | 09.30AM SYMPOSIUM

Atelier USE [Urban Space & Experimentation] Presents

RAAAF [Rietveld Architecture-Art-Affordances]

Featuring **Ronald Rietveld**

8th February 17:00 Benzie BZ403

MANCHESTER SCHOOL OF ARCHITECTURE

INTERNATIONAL CONFERENCE

HEALTHY CITIES 2019

URBANISATION INFRASTRUCTURES & EVERYDAY LIFE

UNIVERSITY OF MANCHESTER

1-3 MAY 2019
www.healthycities2019.com

MSSA PRESENTS

KEYNOTE SPEAKER: **DR CHRIS ABEL**
"THE SELF-FIELD"
mind, body and environment

Thursday - 21/03/2019 - 5.30pm
MMU Business School 6.27 Lecture Theatre 2

MANCHESTER SCHOOL OF ARCHITECTURE

TALENT RETENTION
EARLY ACCESS TO FINAL YEAR STUDENTS

6pm Tuesday 27th November 2018
4th Floor Manchester School of Art Benzie Building Manchester M15 6BR
#TalentRetention2018 @theMSArch
*REFRESHMENTS PROVIDED

NETWORKING EVENT

INTERNATIONAL COLLABORATIONS

KNUST – Manchester School of Architecture

A new collaboration between Architecture students at Manchester School of Architecture (MSA) and 'Kwame Nkrumah University of Sciences and Technology (KNUST) Kumasi, in Ghana, has begun this year. MSA students worked with Dr Lukasz Stanek within Research Methods on the Accra Futurism projects. They produced maps and 3D printed models of historical key projects in Ghana's capital city. The drawings and models were then handed over to an Events team, supervised by Prof. Ola Uduku, whose task it was to curate the material for display at an art gallery location in Accra Ghana.

The Manchester School of Architecture Events team have now made contact with KNUST architecture students with whom they will be working with in Accra to set up and launch the exhibition on Friday 14th June. Dr Stanek and Professor Uduku will be collaborating with staff in Ghana to support the event. The student collaboration project provides the basis for future

collaborations, at student, staff and institutional levels, between the architecture schools at the Manchester School of Architecture and KNUST, and with other disciplines at both Universities.

Professor Tom Jefferies will be viewing the exhibition enroute to KNUST where he will be signing a Memorandum of understanding on behalf of MMU, to establish this formal collaboration. .



Proposed exhibition layout



3D Model of historical key projects in Accra

Caribbean Winterschool 2019

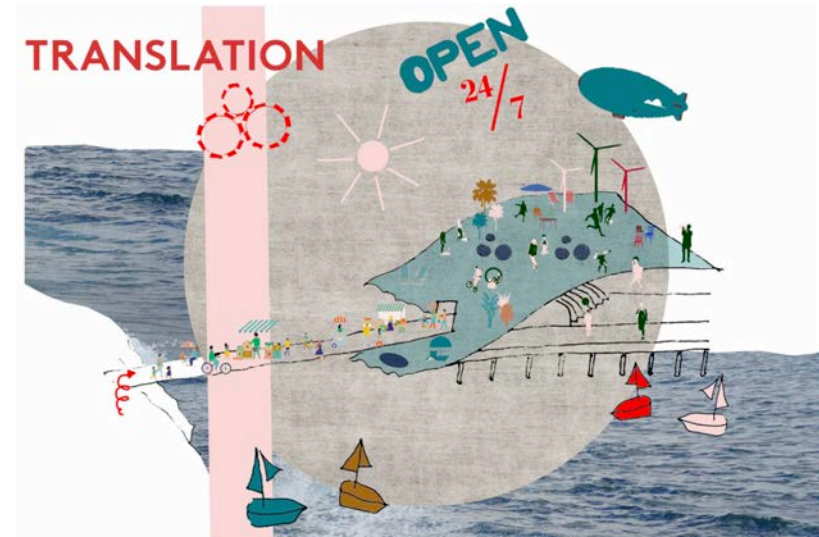
18 February - 10 March

The origins of Havana lie in its strategic position at the mouth of the Gulf of Mexico and the edge of the Atlantic Ocean. In the sixteenth and seventeenth centuries its role was as a repair and rallying point for the Spanish Treasure Fleet running gold and silver from Spanish Central and South America. Havana (and Cuba's) prosperity was subsequently built on sugar and coffee plantations worked by African slave labour. Nineteenth century prosperity expanded the city from a heavily fortified walled city (now Havana Viejo), west into the mansion blocks of Havana Centro and the grand Spanish colonial villas of the Vedado. American colonial interests installed a US regime over the first half of the twentieth century, famously overthrown in the Communist Revolution of 1959. Sixty years on, the city trades on its picturesque decay, is renowned for the quality of its state health and education services, yet for Cubans the uncomfortable economic reality of living outside the family of nations is readily apparent.

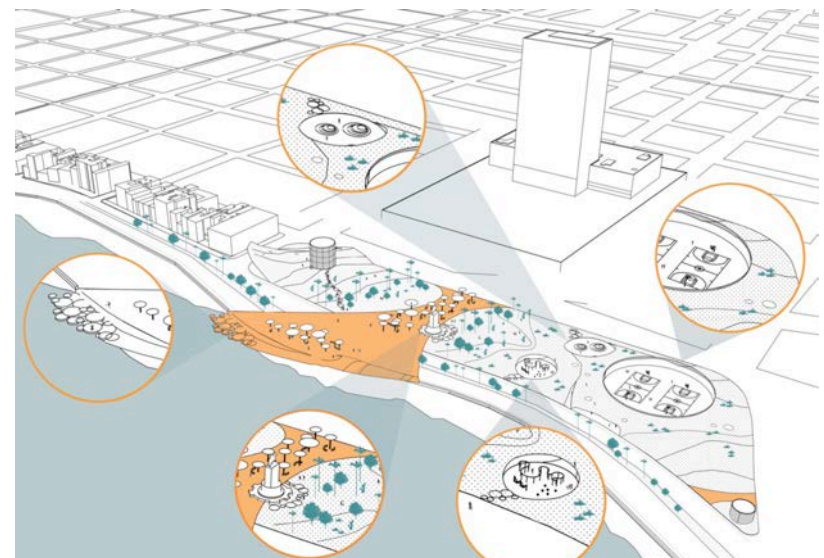
Participating once more in the tenth

annual Caribbean Winterschool in Cuba, Manchester School of Architecture invited seven students to the workshop in Havana. The Winterschool is an international collaboration founded by Münster University of Applied Sciences in 2010, with the participation of schools of Architecture in Manchester, Munich, Barcelona, and Tel Aviv. Principal partner CUJAE in Havana hosted over 60 students from these institutions during three weeks in February/March. The opportunity afforded by the workshop was to engage with a unique city, culture and mode of governance, and a people shaped by the revolutionary spirit. The focus this year was on the iconic waterfront of the city: the Malecon.

The students were organised into 11 international groups, and then set about the task of surveying, recording and analysing the urban structure of the city where it met the Malecon. All were encouraged to develop building proposals for the waterfront facade to form a backdrop for the theatre of road and seawall. Project programmes ranged from a reinterpretation of the city's famous Social Clubs, a people's parliament, a remodelling of the proposed breakwaters into a fluid undulating promenade, a market, and startup workspaces.



Group 4 - Social Machinery



Group 10 - Beyond the Mirror

University Design Studio, Berlin

Manchester School of Architecture, TU Braunschweig and Universidad Diego Portales

1 - 8 October 2018

Living on Top of Tempelhof
Students of Manchester School of Architecture, TU Braunschweig and Universidad Diego Portales staged a workshop at the well-known international architectural platform ANCB (Aedes Network Campus)

Studio Coordinators

Karsten Huneck (Senior Lecturer Manchester)

David Conner (External Lecturer Manchester)

Vikram Kaushal (Senior Lecturer Manchester)

Becky Sobell (Senior Lecturer Manchester)

Almut Grüntuch -Ernst (Prof TU Braunschweig)

Ines Aubert (Tutor TU Braunschweig)

Ana Zatezalo Schenk (Tutor TU Braunschweig)

Mathias Klotz (Prof UDP Chile)

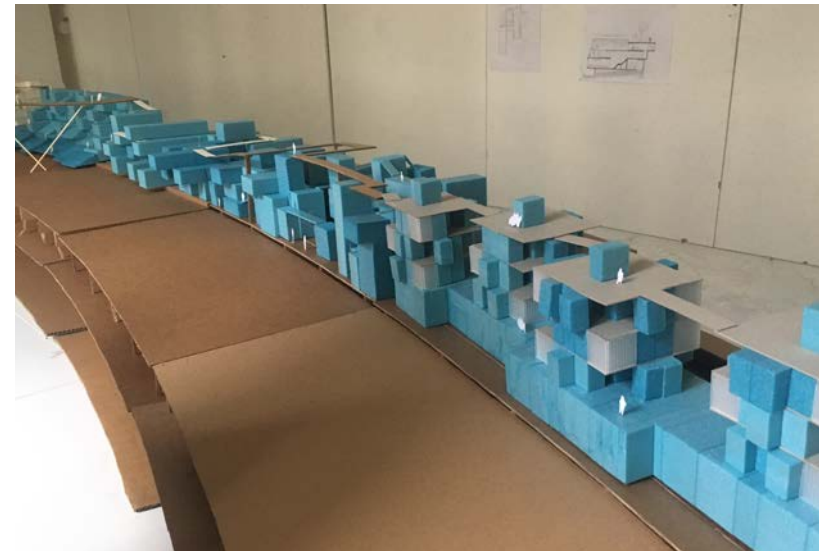
Jorge Morales Meneses (Prof UDP Chile)

The group worked on 9 different plots that were located on the top of the Tempelhof Airport. The students were deliberately mixed so that a thorough exchange spirit has been established.

They explored a specific type of house and home that will be increasingly important in the future due to the changing way we are living and working: housing for urban nomads. Different models have been explored such as fleeting characters that only stay in a city for short periods or more socially inclined models such as social communities.



Students and their proposals for Tempelhof



Sketch models of proposals

A Place To Dream, Norwegian Summer Schools

The reconstruction of the philosopher Ludwig Wittgenstein's retreat in Norway, aided by architectural students, [funded by The Sto Foundation, Germany] from universities where he spent time; Norway [thinking/writing], Manchester [Aeronautics], Cambridge, [philosophy] and Berlin [engineering/architecture] The project built on the research by Professor Harald Rostvik, [University of Stavanger] and Professor Tom Jefferies [MSA] amongst others and the works carried out under guidance of the Wittgenstein Foundation in Skjolden.

The students contributed in documenting the initial work, surveying, photographing, condition surveys, cataloguing the timbers, stripping out, carrying out the deconstruction and reconstruction, all under the guidance of local contractors, experts and academics, adhering to strict conservation guidelines.

The epic story starts with Wittgenstein's brilliant but slightly crazy idea of building a hut on the side of a mountain, with stunning views down the longest fjord in Norway. The cabin constructed from

materials dragged across frozen ice by tractor and up the steep sided fjord. However after Wittgenstein's death, it was dismantled, dragged back across the ice, rebuilt as a house in Skjolden, covered in chintz and over clad in asbestos tiles.

The house then taken down again, reconstructed in its original configuration and then dismantled for the last time, the sections delivered by flying tractor [helicopter !] to site, the cabin restored in its rightful place, the story recently featured in the UnDoing exhibition at the Castlefield Gallery.



'Flying Tractor'



Views down the Fjord and laying the floor

AWARDS

BA(Hons) Architecture

Year One

Joe Jessop Award for Contribution to First Year

John H.G. Archer Prize for Outstanding Achievement in Humanities

First Year Sketch Book Prize

John H.G. Archer Prize for the Best Humanities Submission

Ian C.S. Crowcroft Prize for the Meritus Performance

Rossant Award for the Best Visual Communication

Year Two

The Partington Prize for Best Technology Coursework

John H.G. Archer Prize for the Best Humanities Submission

Ian C.S. Crowcroft Prize for the Meritus Performance

Rossant Award for the Best Visual Communication

Year Three

University of Manchester Award for Outstanding Academic Achievement

RIBA Bronze Medal Nomination

John H.G. Archer Prize for the Best Humanities Submission

Steady-Greenaway Prize for the Outstanding Portfolio

Excellence in Cross-Atelier Teamwork

Co-ordination in the Exhibition Build

SimpsonHaugh B.15 Modelmaking Award

Sheppard Robson (Jicwood Prize) for Innovation in Design

Hawkins/Brown Prize (for Social Inclusivity in Architecture)

Master of Architecture

MArch Year One

Bown Prize for Outstanding Design Portfolio

G.E. Greenaway Prize for the Outstanding MArch Dissertation

Sheppard Robson (Jicwood Prize) for Innovation in Design

MArch Year Two

Heywood Medal for the best Overall Academic Performance in the Part 2

RIBA Silver Medal Nomination

Steady-Greenaway Prize for the Outstanding MArch Year 2 Academic Portfolio

Hays Prize for Professional Studies

SimpsonHaugh B.15 Modelmaking Award

School Prize

Outstanding Contribution to the Community of the School



MA Architecture and Urbanism Graduation

