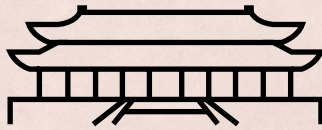


URBAN DESIGN



BEIJING



YUXI LIU Urban Designer

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Education

- Master of Urban Development & Design
University of New South Wales, Graduate School of Urbanism, Sydney, Australia
March 2017
- Kohn Pedersen Fox Associates (KPF) + UNSW International Studio Collaboration
New York, USA
October 2016
- Bachelor of City Planning
Beijing University of Technology, Beijing, China
July 2012

Professional Experience

- Apr-Dec 2014 | Urban Planner & Designer
International Cooperation Center of National Development and Reform Commission
Urban Planning and Design Research Institute , Beijing, China
- July 2012-Mar 2014 | Urban Planner & Designer
Zhongxu Planning & Architecture Design CO., LTD. , Beijing, China
- July-Sep 2010 | Assistant Urban Planner & Designer, Intern
China Academy of Urban Planning & Design, Urban Design Office, Beijing, China

Technical Proficiencies

- Autocad -----
- Sketchup -----
- Photoshop -----
- InDesign -----
- Illustrator -----
- Lumion ---
- VRay ---
- GIS ---
- Microsoft Office -----

Languages

- Mandarin - Native
- English - Fluent

CONTENTS

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NEW ISLINGTON
MANCHESTER

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ARNCLIFFE
SYDNEY

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PENN DISTRICT
NEW YORK

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OTHER WORKS



Aerial View looking along Green Corridor to New Islington

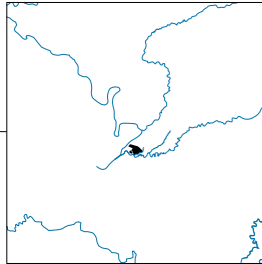
NEW ISLINGTON MANCHESTER, UK

Overall Project Site: 47ha
Total Gross Floor Area: 646,231 m²
Residential GFA: 646,231 m²
Number of Dwelling Units: 4,725
Residential Population: 11,813
Commercial GFA: 255,226 m²
Educational Institutions GFA: 8790 m²
Cultural Institutions GFA: 4196 m²

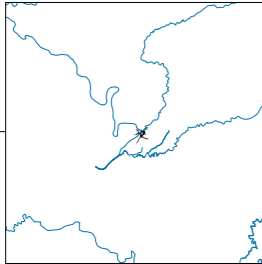
VISION

To promote Urban Porosity which strengthens the existing networks, thus creating an activated, safe and seamless new urban precinct.

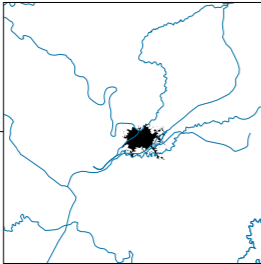
HISTORIC CONTEXT



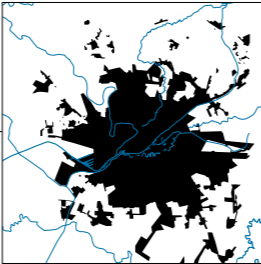
CIRCA. 79AD
Roman Mamucium



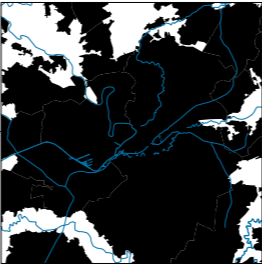
CIRCA. 1650
Manchester Manor



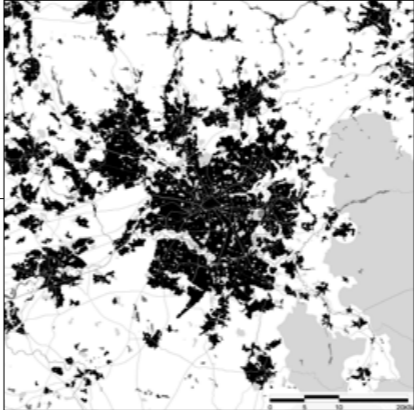
CIRCA. 1772
Town of Manchester



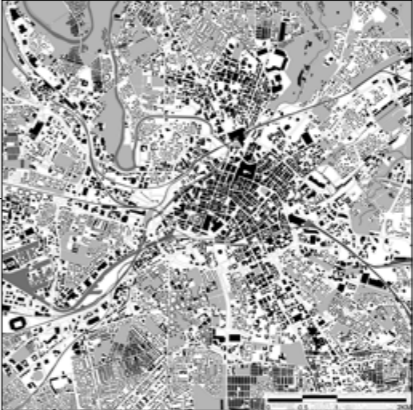
CIRCA. 1920
Industrial Manchester



2016
Greater Manchester



Urban Region



Urban District



Urban Block



Urban Design Framework

OBJECTIVES

- Urban Porosity**
 To enhance the connection to the city centre, Piccadilly Station, and surrounding neighbourhoods.
- Retaining Historic Fabric**
 Great consideration has been made for the existing buildings located on the site.
- Integration of Residents**
 Diversity is promoted by integrating new residents and existing social housing to create a diverse and vibrant community .
- Activated Streetscape**
 The design intent for the residential precinct is to activate the streetscape of the neighbourhood for safety and walkability.
- Defensible Space**
 The objective of using defensible space theory is to implement a strategy for safety and security of residents.
- Landscape**
 By providing a green corridor between Piccadilly Station and the New Islington canal, promotes a pedestrian promenade and walkability of the site.



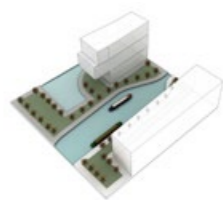
View from Metrolink Station to Ashton Canal



View down Green Corridor to New Islington



Great Ancoats Street



Canal Interface



Residential Precinct



The High Street



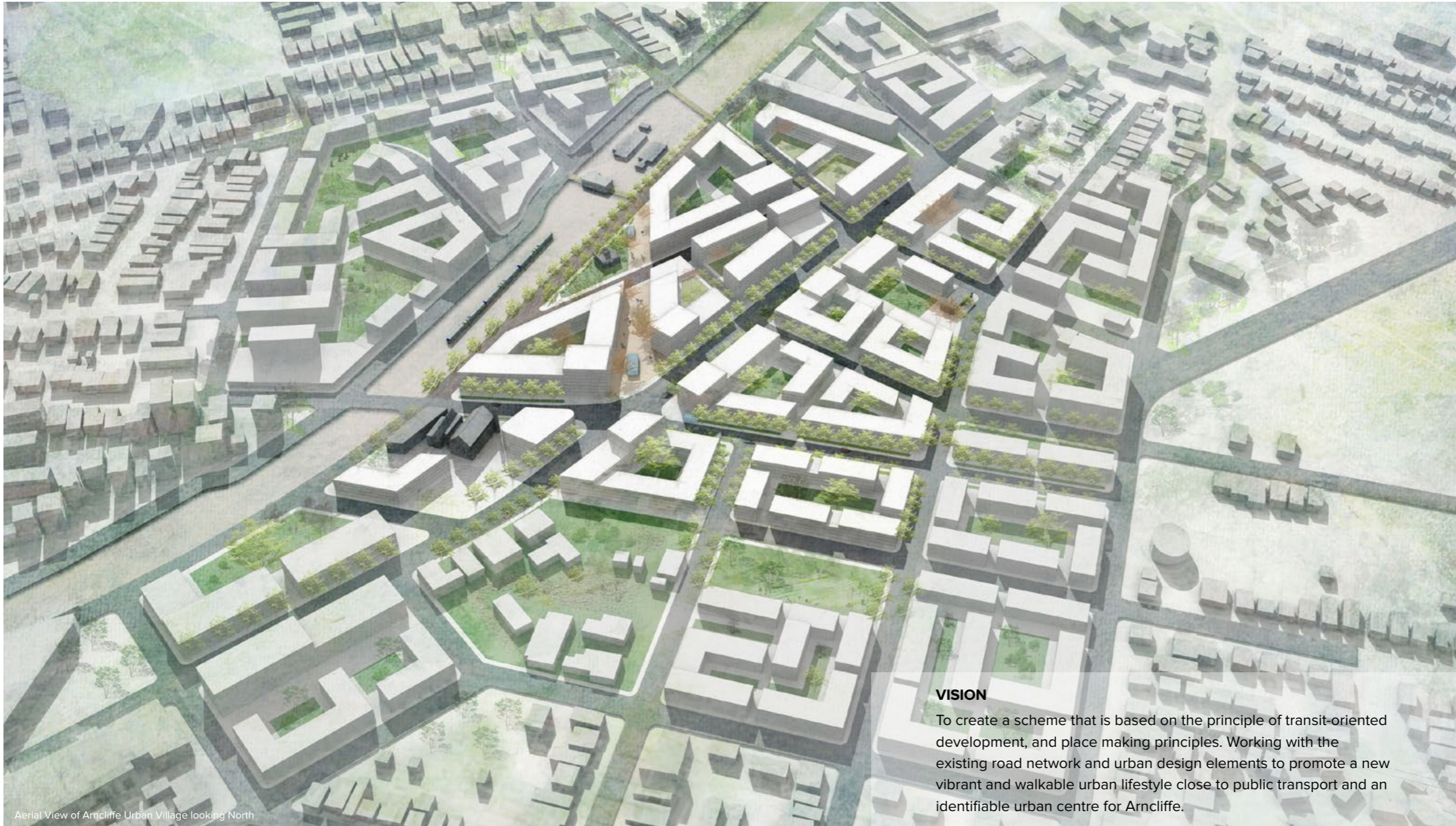
Public Space Interface



Section A-A Looking North West across site between Ancoats and Miles Platting



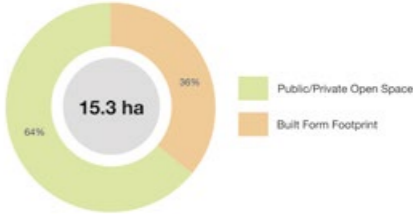
Aerial View looking south to Piccadilly Station Gateway Redevelopment



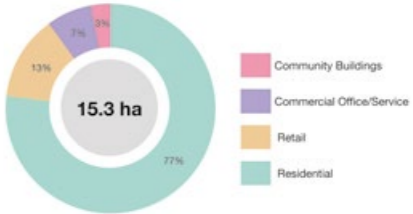
Aerial View of Arncliffe Urban Village looking North

ARNCLIFFE URBAN VILLAGE SYDNEY, AUSTRALIA

Building vs Open Space



Break-up of Building Uses



VISION

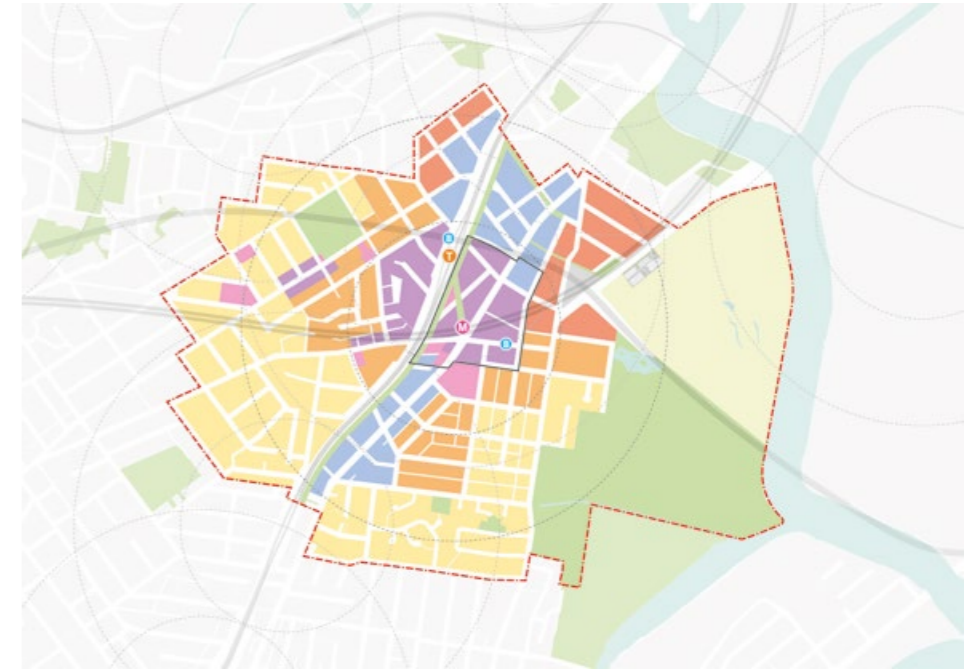
To create a scheme that is based on the principle of transit-oriented development, and place making principles. Working with the existing road network and urban design elements to promote a new vibrant and walkable urban lifestyle close to public transport and an identifiable urban centre for Arncliffe.



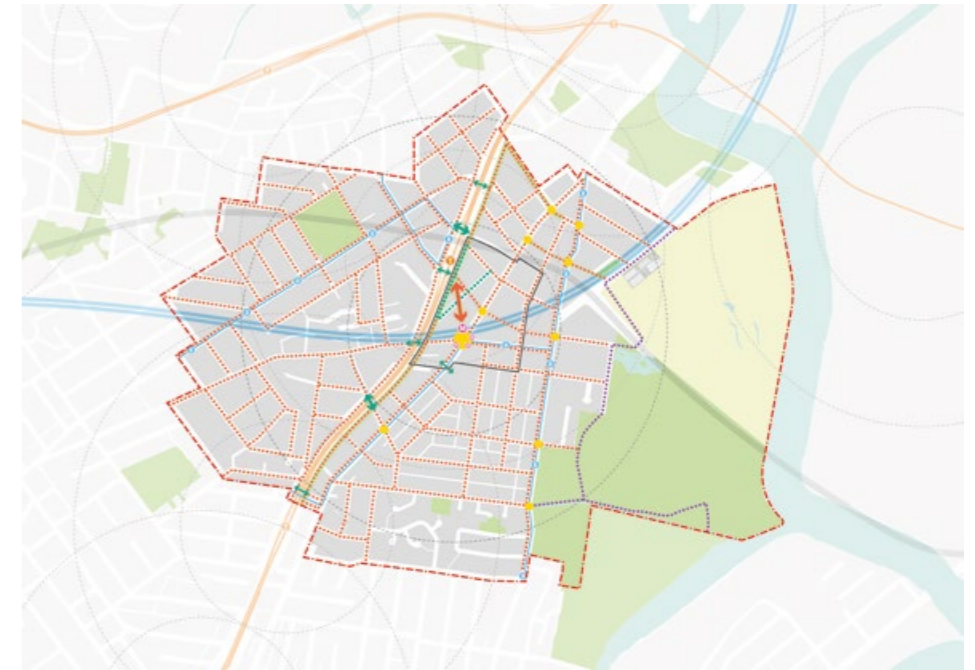
Urban Design Framework

OBJECTIVES

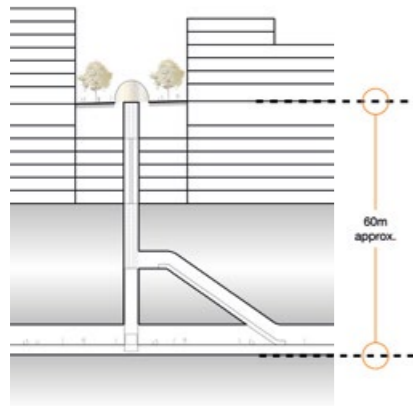
- Create a connected and accessible multi-modal transportation hub.
- Facilitate a variety of local economic activity intertwined with urban living.
- Strengthen the existing village community by creating usable public spaces and community facilities.
- Provide increased affordable housing for key workers and disadvantaged communities.
- Encourage active modes of transport through walkable neighbourhood and safe, cycleways.



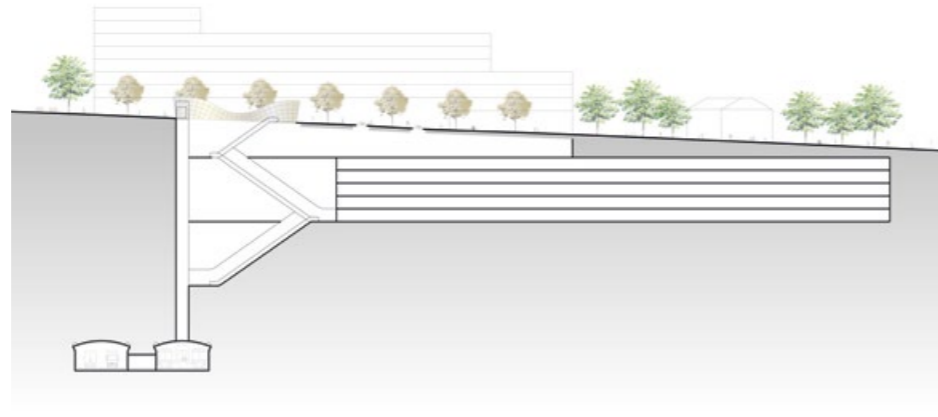
Arncliffe Precinct Plan - Proposed Land Use



Arncliffe Precinct Plan - Proposed Active Transport Network



Section A
Subterranean Metro Station &
Ground Level Public Plaza



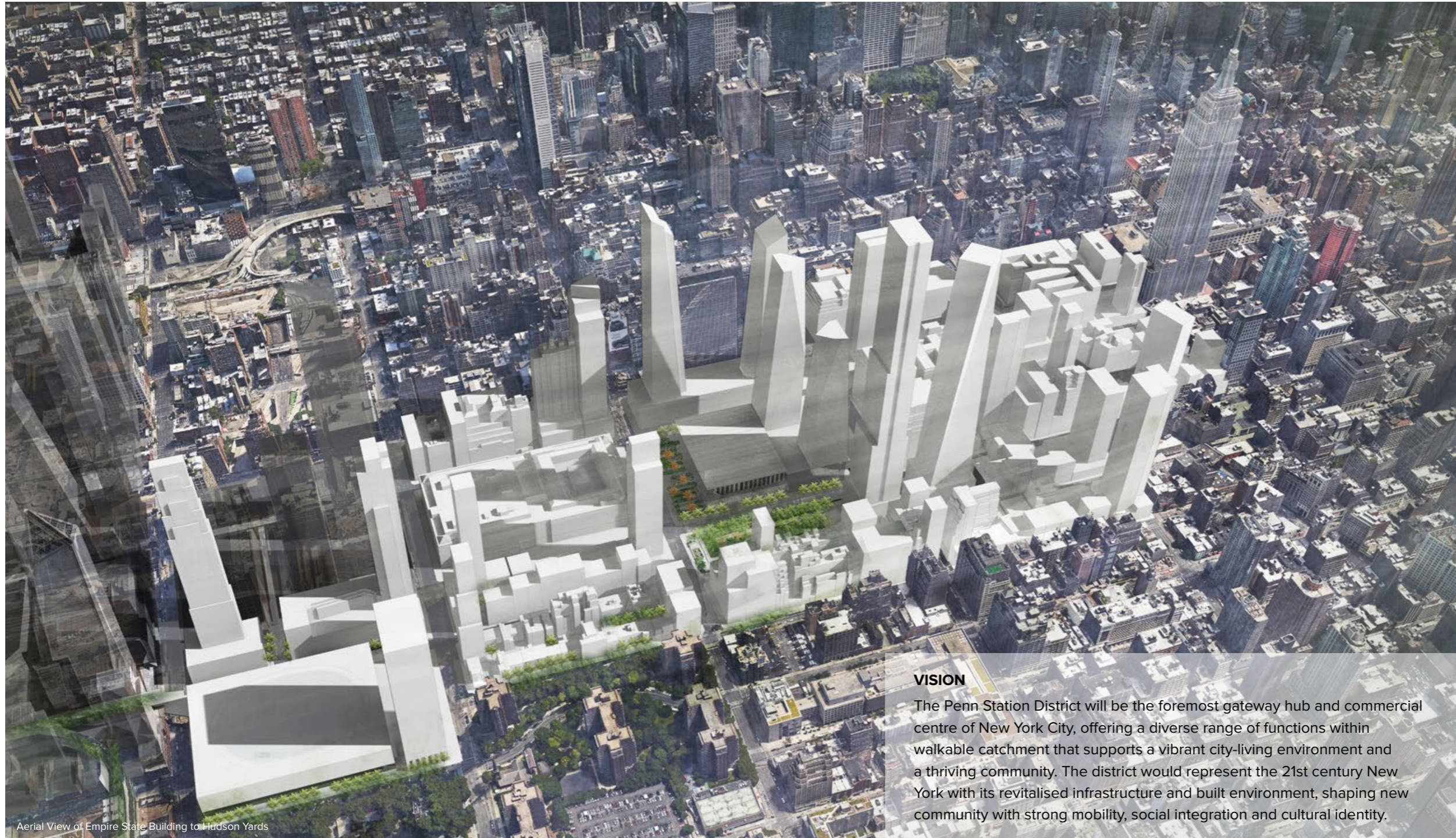
Section B
Metro Station, Subterranean Concourse with Retail & Commercial
Opportunities, Lower Ground Car Parking, Plaza at Ground Level



Public Plaza & Transit Interchange



Community Sky Garden



Aerial View of Empire State Building to Hudson Yards

EMPIRE STATION COMPLEX & THE PENN DISTRICT

NEW YORK, USA

Overall Project Site: 52 ha
 Total Demolition: 971,988.8 m²
 Total Gross Floor Area: 1,972,550.7 m²
 Estimated New Jobs: 16,000
 Estimated Residential Population: 6,011

Type of Development	New Development (sq.m)	Infill Development (sq.m)
Retail & Public Services	284,340.5	96,279.2
Commercial	1,017,864	13100.4
Residential	98,520	159,096.7
Hotel & Service Apartment	303,350	-
Total GFA	1,704,074.5	268,476.2

VISION

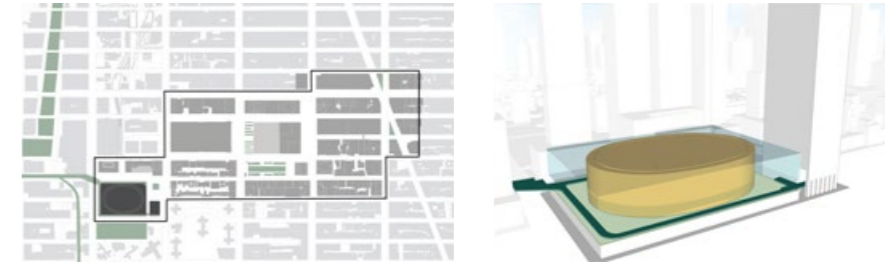
The Penn Station District will be the foremost gateway hub and commercial centre of New York City, offering a diverse range of functions within walkable catchment that supports a vibrant city-living environment and a thriving community. The district would represent the 21st century New York with its revitalised infrastructure and built environment, shaping new community with strong mobility, social integration and cultural identity.



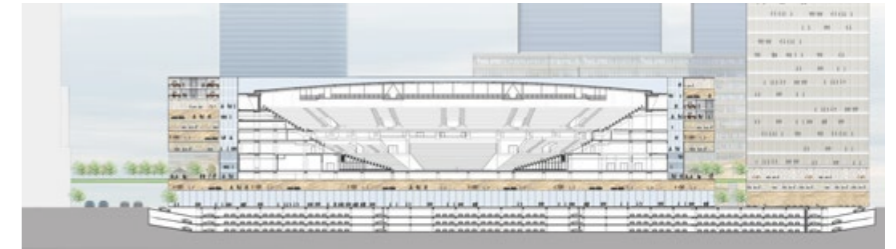
Urban Design Framework

OBJECTIVES

- Connectivity and Accessibility**
 Enhance the accessibility within the district and the surrounding area through a diversified functional use of spaces apart from improving pedestrian circulation.
- Relocate MSG and Form a New Penn Station**
 Reintroduce MSG at a new strategic location that has greater functionality, activates the district towards the west and provides a greater public beneficial to the surrounding neighbourhood. Revitalise Penn Station in its current location as a new superstructure that reinforces its role as a gateway entrance to New York City.
- A New Commercial District**
 Strategically locate towers across the district that better define the streets, offering multi-functional spaces while activating the ground-floor along streets. Achieve an atmosphere that welcomes visitors and creates a new commercial district for New York.
- Reinforce Penn District's Identity**
 Carefully study the existing built form within the district and incorporate new developments that protects and reinforces the architectural significance of the surrounding buildings.
- Integrated Green System**
 Create a network of green spaces and public plazas that are well connected within the district to the greater region. The integrated green system would enhance the public realm and forms a new identity for the Penn Station District.



Extending High Line Network to New Madison Square Garden



Indicative Section of New Madison Square Garden



Activated Street & Pedestrian Movement to New MSG



Indicative Section of New Penn Station



1st Great Room: Madison Square

A renowned public plaza with direct connectivity to the High Line, which marks the entrance to the new arena and entertainment quarter of Madison Square Garden.



2nd Great Room: Penn on Bryant (Park)

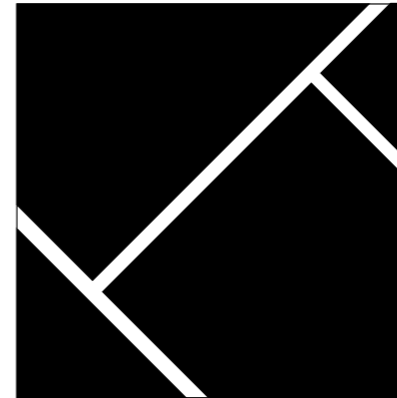
A new dominant park of New York that reinforces the city's unique character through the incorporation of the Manhattan grid system and the city's grand park design such as Bryant Park, which enhances the role of Pennsylvania Station as a gateway entrance to New York City.



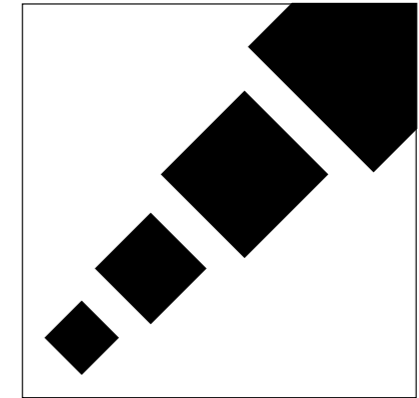
3rd Great Room: Penn Plaza On 7th Avenue

Connecting plaza that marks the entrance of Penn's Commercial District with a clearly defined edge, defined by the landmark buildings of Nelson Tower and the new Penn-South Tower

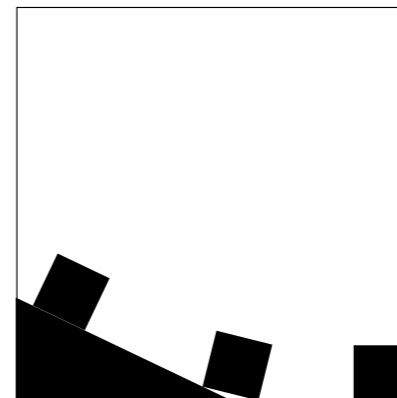
OTHER WORKS



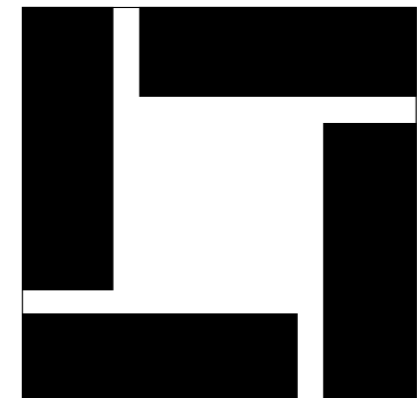
Congested



Increase



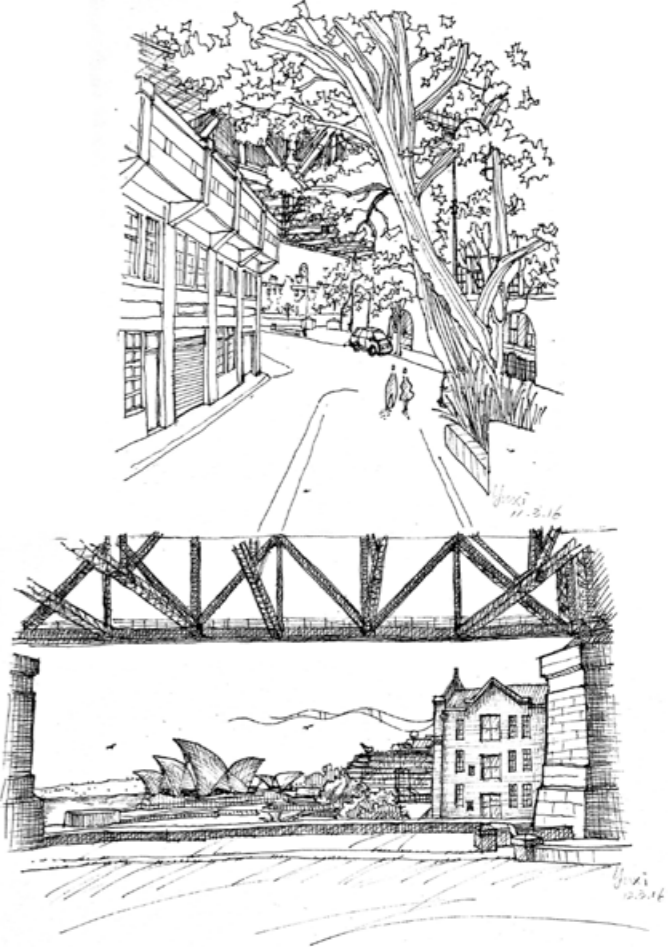
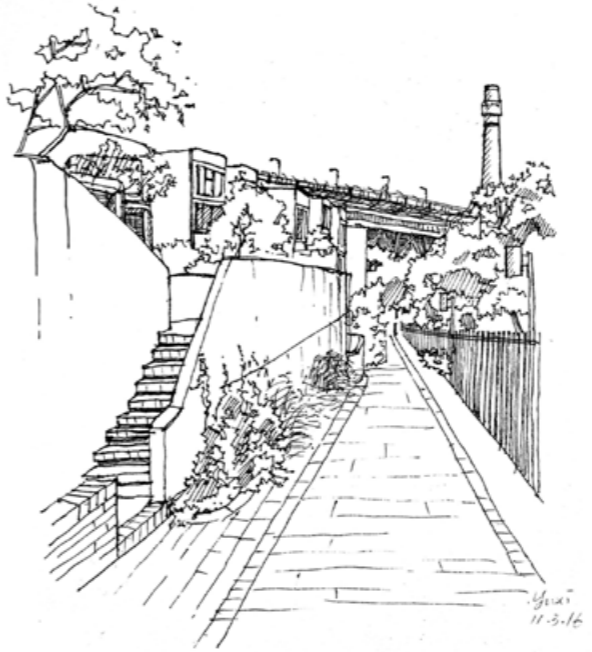
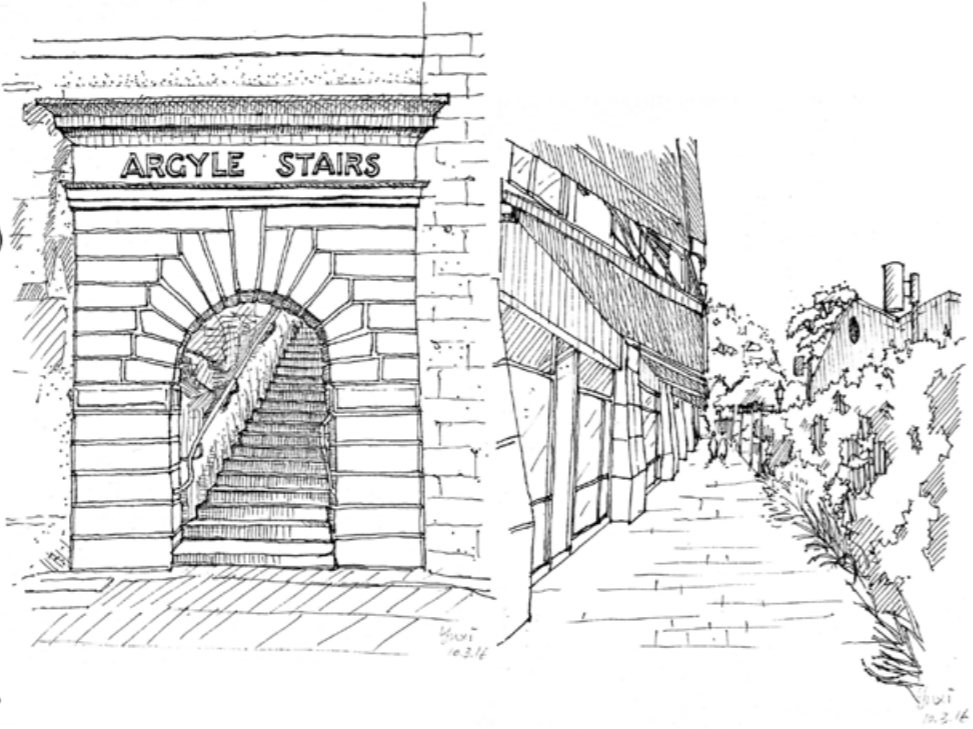
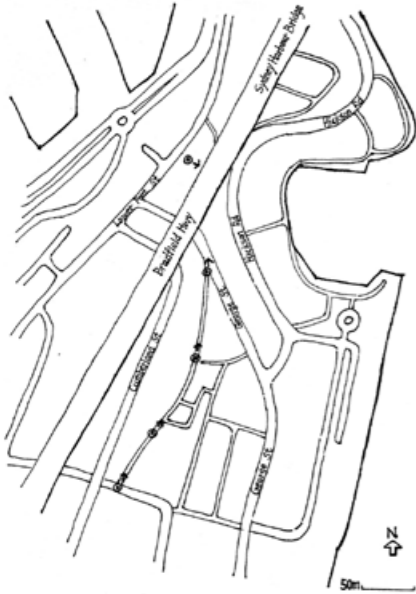
Playful



Enclosure

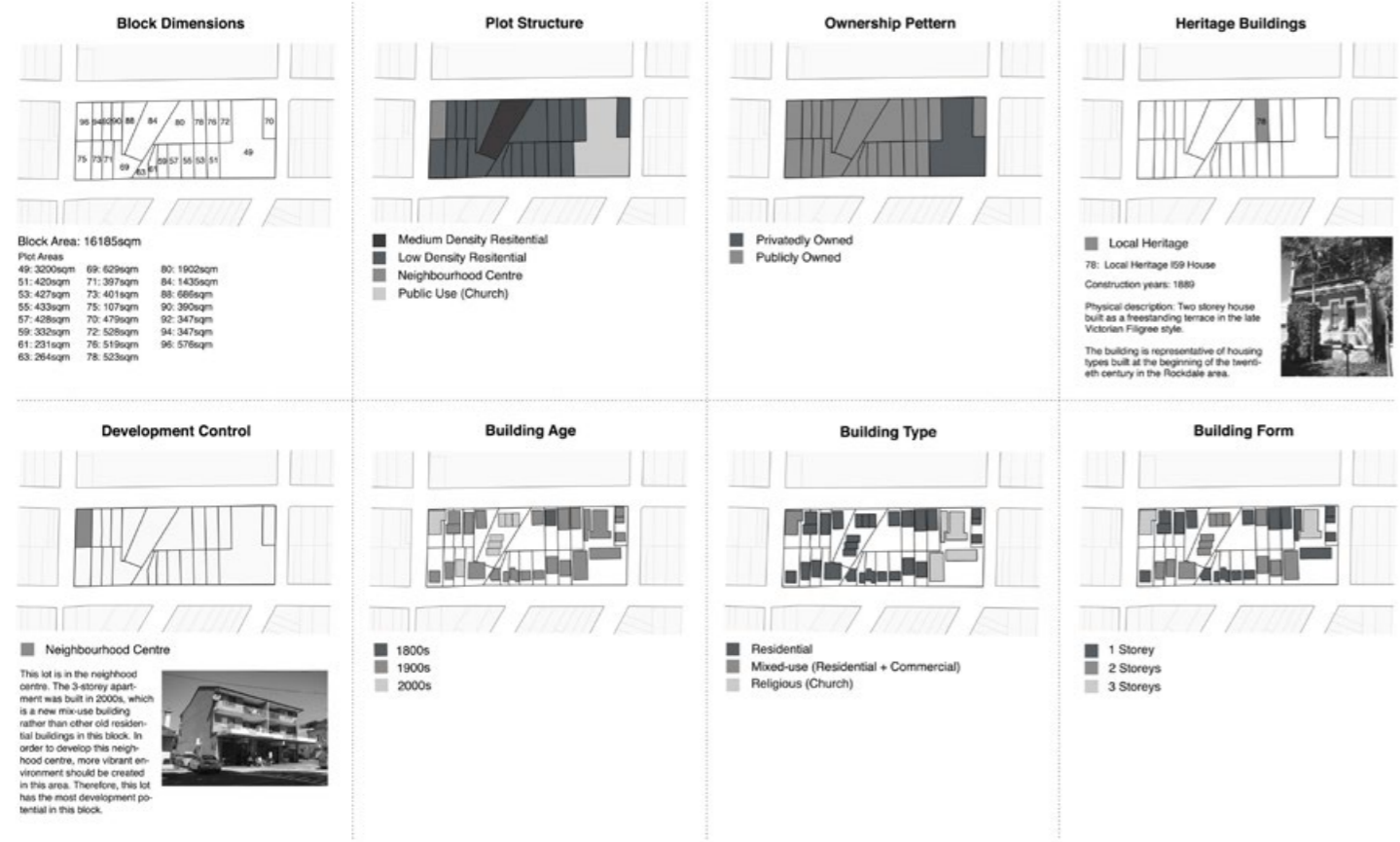
PROGRESSION THROUGH SPACE

SYDNEY, AUSTRALIA



THE URBAN TRANSECT

ARNCLIFFE | SYDNEY, AUSTRALIA



Wollongong Road Section at Arncliffe Park

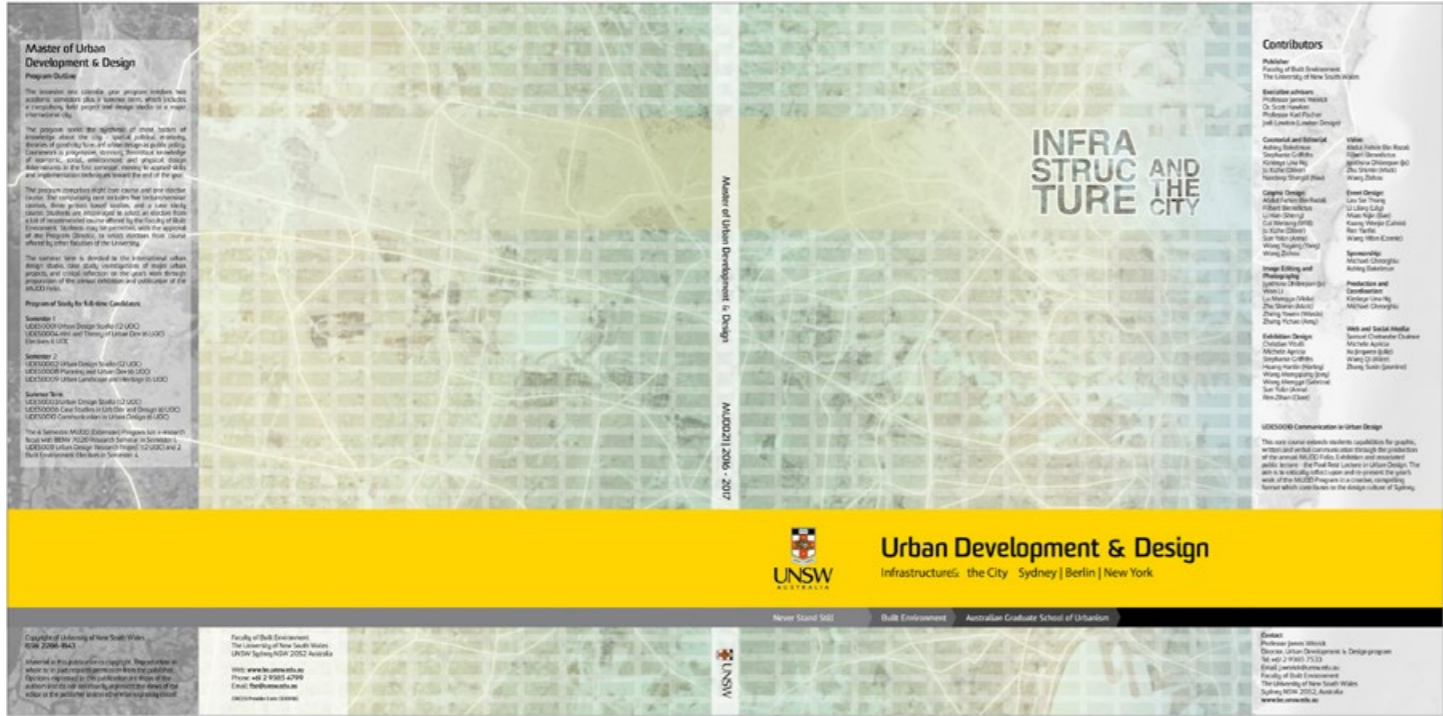
THE URBAN TRANSECT
ARNCLIFFE | SYDNEY, AUSTRALIA



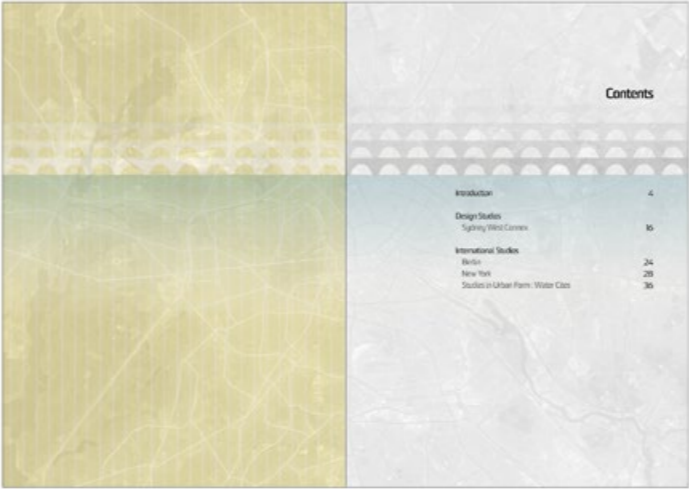
Wollongong Road Elevation

MUDD22 IDEA COMPETITION WINNING ENTRY

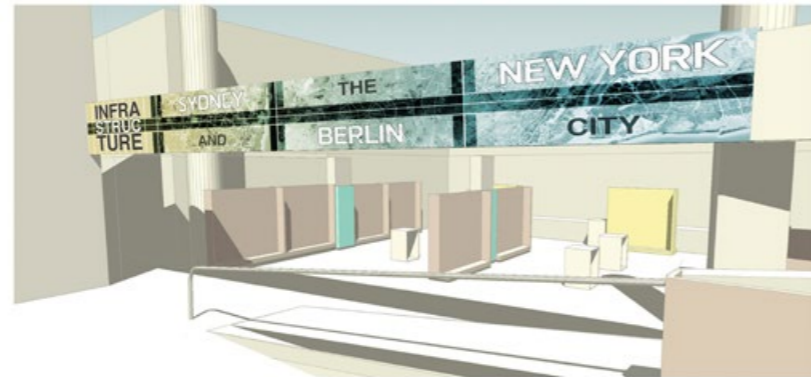
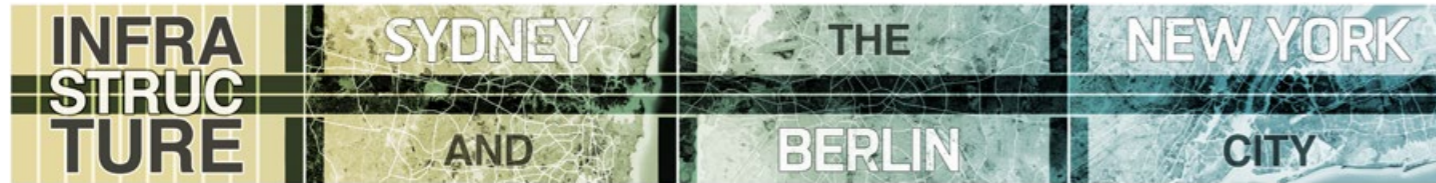
DESIGN WORKSHOP



Folio Cover



Inside Page Spreads



Mezzanine Banner and Glass Sticker

Photo: Rohan Londhe

THANK YOU

TO BE CONTINUED

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SYDNEY