# Moore Point





 $\leq$ 

 $\alpha$ 

0

≥

ш

Σ

⋖

 $\alpha$ 

ш

Z U

S

Ш

ACE

1. Introduction

2. Place Analysis

3. Framework

4. A Loveable Moore Point

5. Activation Plan

6. Place Performance



### EXECUTIVE SUMMARY

This Place Design Framework has been prepared by RobertsDay on behalf of Leamac and Coronation to articulate the Place benefits of the project, in relation to a Planning Proposal at Moore Point, Liverpool (the site).

The site is located east of Liverpool CBD on the opposite side of the Georges River and north of Newbridge Road. It provides a site area of 38.5 hectares (approx.) and is currently developed with industrial uses.

The site is situated within Liverpool Collaboration Area's Georges River North precinct and is subject to the priorities and actions of the Liverpool Place Strategy (Strategy), which was released by the Greater Sydney Commission (GSC) in December 2018. Refer to figure the figure below:

Coorgas Biver North Precinct
The site

Figure 1 – Site aerial (Source: Nearmap modified by Mecone

The Strategy states that by 2036 Liverpool will be a rejuvenated river city, offering diverse and growing residential and employment opportunities. Major health, education and retail precincts, and a mixture of open spaces and parklands alongside the Georges River, will create a rich mix of jobs and workplaces, public spaces, shops and entertainment.

Under the Strategy the site is identified as 'mixed use', which comprises:

'a mixture of commercial, retail, residential and community uses that provide sustainable employment, that is complementary to, and not in competition with, the commercial core'



Figure 2 – A Place Strategy for Liverpool (Source: Liverpool Collaboration Area Place Strategy 2018)

The 2019 Annual report summary for Liverpool Collaboration Area highlighted key steps commenced and completed to address the imperatives acknowledged in the Strategy to accelerate the delivery of the Collaboration Area.

### These included:

- Engagement with TfNSW to prepare the Liverpool Place-based Integrated Transport Strategy and accelerated investment; and
- Flood studies and flooplain risk management plan completed by Liverpool City Council.

The land uses reflected in the Strategy are reinforced in Liverpool City Council's Local Strategic Planning Statement (LSPS), which identifies the site for investigation as residential/mixed use to support the CBD and Innovation Precinct in tandem with linking open space and green corridors.

The LSPS provides the following short to medium term action (12-24 months) specific to the Georges River North precinct:

Action 11.2 – Investigate amendments to LEP to rezone River precinct north of Newbridge Road (Moore Point) as a mixed-use zone to support the Liverpool CBD and Innovation Precinct, with an extensive open space system and cross-river linkages (short to medium term)

The Planning Proposal involves the creation of a mixed use precinct, providing new homes, jobs and open space adjoining the Georges River and connecting to Liverpool CBD. Key features of the proposal include:

- · Adaptive re-use of existing heritage;
- Foreshore embellishments and new open spaces;
- Educational and cultural facilities;
- Connections to Liverpool CBD and Train Station; and
- Transport, intersection and collector road improvements.

The Planning Proposal aligns with the priorities of Government and the implementation phase of the Place Strategy by facilitating the transformation of the Collaboration Area with new jobs, infrastructure, green spaces and housing.



The Planning Proposal responds to The Pulse of Greater Sydney's performance indicators, which sit under the following key themes:

### Infrastructure and Collaboration

The Planning Proposal will facilitate additional jobs, education and housing in close proximity to Liverpool CBD and Train Station. The proposal will support additional medium and long-term housing supply in Liverpool CBD through diverse and new housing products. The proposal supports the continual expansion and growth of Liverpool Innovation precinct and nearby health infrastructure, with potential to provide complementary uses near Liverpool Hospital and educational and cultural facilities on the site.

### **Productivity**

The Planning Proposal supports the growth of the thirty-minute city, ensuring Liverpool emerges as a premier CBD in the Western City. The proposal provides capacity for new transport infrastructure on the site, road and intersection upgrades and locating density near major transport infrastructure (Liverpool Train Station and Badgery's Creek Aerotropolis). The proposal encourages additional business activity and investment in Liverpool by providing new commercial uses that will complement Liverpool CBD.

### Liveability

The Planning Proposal significantly improves upon the existing use of the site by creating walkable places for people to live work and play. This includes foreshore embellishments to the Georges River, improved connections across the Georges River and adaptative re-use of existing heritage items. These measures will contribute to Sydney's Green Grid, improve access to services in Liverpool CBD and establish a community that celebrates identity and place.

### Sustainability

The Planning Proposal addresses the urban heat island effect by significantly increasing the quantum of green space on the site for active and passive recreational use. The proposal will provide new parks and green connections to surrounding open spaces including Haigh Park, which will contribute to the urban tree canopy of the area.

Overall, the Planning Proposal represents a clear and consistent strategic line of site with the priorities of government. It meets the performance indicators, priorities and objectives expressed in the District Plan, Place Strategy, LSPS and The Pulse of Greater Sydney.



# ntro

((

Cities should be integrated into local ecosystems rather than imposed on them.

Richard Register, EcoCities: Rebuilding Cities in Balance with Nature

- 01. BACKGROUND, PLACE DESIGN FRAMEWORK, PLANNING FOR LOVEABLE CITIES
- 02. THE SITE
- 03. CONTEXT
- 04. POLICY OVERVIEW
- 05. KEY PLACE BENEFITS

### INTRODUCTION

**Moore Point - A Loveable Place:** Liverpool is a river city at its heart, and Moore Point (38ha) is its next frontier – an opportunity to shift Sydney from a liveable to loveable city-making agenda and set a new benchmark for creating complete cities. The size and location of the precinct presents the opportunity for up to 15,000 new homes with walkable access to Sydney's third strategic centre, major transport nodes and a stunning waterfront. For the people of Liverpool, a loveable Moore Point gives priority to attachment and meaning building on the city's stories; identity guides decision making to evolve a city more than the sum of its parts; social connectedness is valued equally with infrastructure connectivity; and increasing urbanity is more important than density.

Moore Point – Liverpool City Success Story: Liverpool City Centre has grown rapidly over the last ten years and has the ambition to become a thriving, safe, inclusive and green city, with a strong 24-hour economy. Based on internationally renowned Project for Public Spaces (PPS) Power of Ten methodology used by NSW Government, the world's most complete cities have at least 10 major precincts; with each precinct having at least 10 sub-precincts with at least 10 activities or things to do. Whilst not a formula, PPS's research of over 3,000 cities concludes this 'power of ten' is a key ingredient of successful cities for people. Moore Point creates a new type of precinct for the city that complements other precincts and helps Liverpool into a complete city.

Moore Point – Connecting the City to its River: The good fortunes of river-orientated cities, such as London and Paris, are founded on the fact the river is a unifying element where an intensity of river crossings and river-orientated urban form enable a dynamism where the flows of people, investment and energy are unimpeded by the river itself. Moore Point creates this connectivity for Liverpool City Centre delivering three new bridges connecting important precincts and destinations in a way that gives priority to people walking, cycling and using public transport. Moore Point's future proofing of conscious mobility opportunities, including metro station and public transport interchange, is a

Moore Point – Greener, People Places: Moore Point's public realm focus creates over 20ha of river-front parkland and 8km of paths to connect existing and new destinations along the eastern bank – McMillan Park and Haigh Park to the new heritage River Square Place – into a continuous green loop offering a diversity of experiences from the tranquillity of nature to pulse of city life. In doing so, Moore Point delivers on the NSW Government Premier's Priorities of creating greener places paired with increased people within an easy walk and policies focusing on creating happy, healthy and resilient communities.

Moore Point – Quantifiable Place Performance: The most successful Moore Point - where daily life maximises happiness and minimises hardship - will succeed when people fall in love with the place. To assess future success and the possibility of 'love at first sight', RD has identified 25 quantifiable place performance metrics that cut across all aspects of creating great places, including identity, greenery, mobility, urbanity, health and resilience. Applied rigorously to the evolving urban design concept, this analysis concludes the underlying DNA of the place is robust to support the unfolding of a vibrant public life, strong place economy and conscious mobility where walking is highly desirable. Further, there is latent potential within the concept for stakeholders to advance future place performance and set the Australian benchmark for world's best practice.



### KEY PLACE BENEFITS



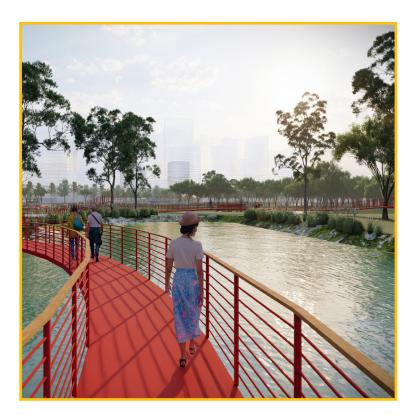
REINVIGORATE THE RIVERFRONT

Delivers 18Ha of public parklands and embellishes 10Ha of adjoining parklands.



CONNECT KEY DESTINATIONS

3 new bridge crossings and 8Ha of publicly accessible foreshore connecting Liverpool's key destinations.



BRING PARKLANDS TO LIFE

Bringing to life parkland contributing to Sydney's Green Grid and creating more active communities.



CREATE NEW PLACES FOR THE COMMUNITY

10 new destinations including the revitalisation of a distinct heritage building.



### BACKGROUND

In accordance with State Government Planning mandate of planning and designing for better places and respecting and enhancing local character, Roberts Day have been engaged as Place Design consultants to develop a Place Design Framework for the Moore Point Masterplan.

This Framework aims to support the development of the Planning Proposal to ensure it achieves place-based goal of creating a loved urban community.

### PLACE DESIGN FRAMEWORK

The Moore Point Place Design Framework sets out the Principles and Place Framework for the Moore Point Masterplan. This document is a tool that guides the physical interpretation of the Vision for transformation for the development of the Site and surrounding open spaces.

The aim of the Place Design Framework is to set a clear and authentic vision for the precinct, including the indvdual identities for each of the character areas. It sets the core values that will guide activation and decision making at these places as they transform.

### PLANNING FOR LOVEABLE PLACES

Loveable places are places which people are attached to, have sense of ownership over and generate a desire to return. To create loveable places, the qualities which make them unique must be celebrated and enhanced and new ideas embraced, liberating communities to participate in the evolution of their place.





### CITY CONTEXT

Moore Point is located within Liverpool City Centre - one of Australia's oldest settlements. Just 20 kilometres from the new Western Sydney Aerotropolis, the area is strategically located to take advantage of both the existing and future opportunities developing at the regional scale.

⋖  $\Box$ 0 Ō



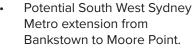
ш  $\bigcirc$ ш Z Z 0



 $\supset$ 

 $\alpha$ 

TRANSPORT LINKS



- New Western Sydney freight network connecting Port Botany and Western Sydney.
- North South Rail Link will connect Liverpool with Aerotropolis and other Strategic Centres.
- Rapid Bus Service linking Liverpool, Penrith and Campbelltown to eachother and the Aerotropolis.

THRIVING REGIONAL

- 3 million additional residents in Western Sydney by 2036.
- Already Western Parkland City is Australia's third largest economy and continues to grow.

ECONOMY

The Western Sydney City Deal will unlock opportunities across business, education and employment.

≥

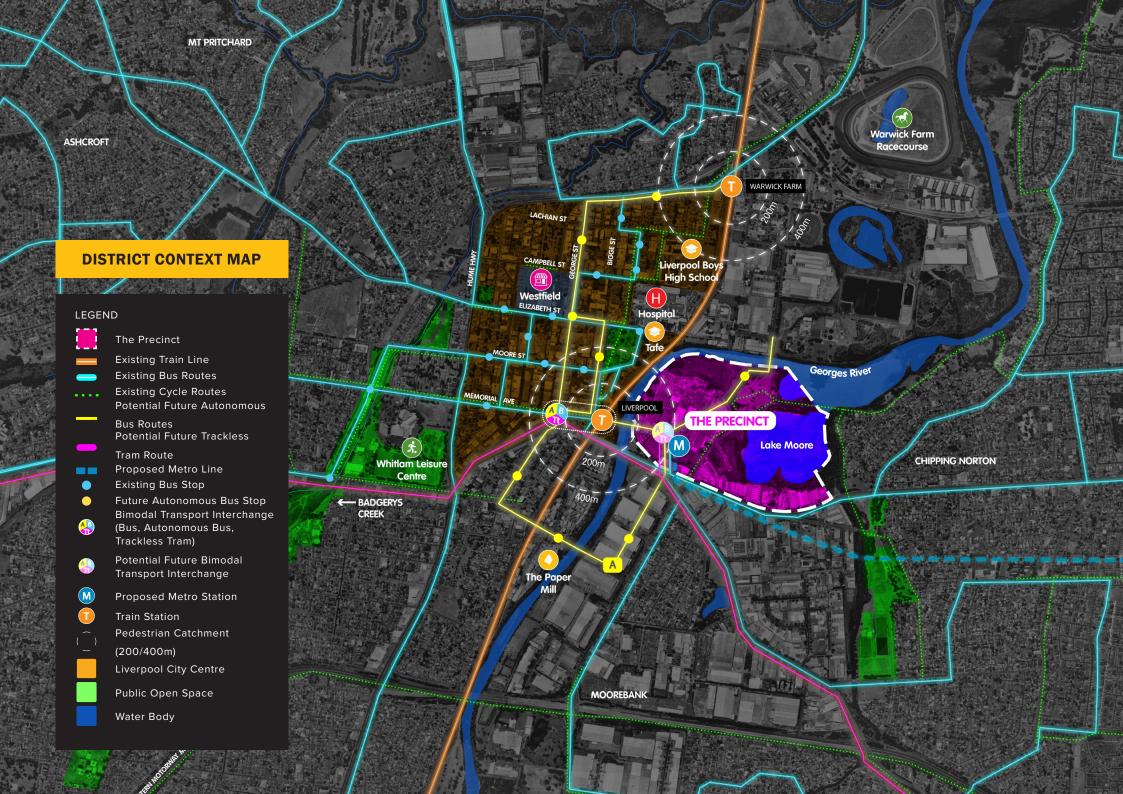


### SYDNEY'S NEW CITY CENTRE

- Strategically positioned as the key regional centre of the Western Parklands City.
- 1.5 million residents expected in Liverpool within 20 years.
- rezoning encouraging mix of uses and 18 hour economy.
- Western Sydney Planning Partnership to unlock land efficiently and providing higher quality outcomes.

### LIVERPOOL AND AEROTROPOLIS

- 20 Kilometres and 20 minutes from the new Sydney Aerotropolis.
- 200,000 new jobs expected from the development of the Aerotropolis and associated industries.
- Potential new Aerospace Institute in the region.
- Aviation and logistics companies expected to headquarter in Liverpool.



### POLICY & GUIDANCE OVERVIEW

Moore Point delivers progressive Place Policy of the NSW Government, the United Nations, Council and other relevant agencies. The following pages sets out key policy documents and their relationship with the Moore Point Place Design Framework.



### **GLOBAL**



### UN - HABITAT III - THE NEW URBAN AGENDA

Three key principles have been established, including an implementation plan to be utilised as a key instrument for enabling national, regional, local governments and relevant stakeholders to achieve sustainable urban development.

### Key principles include:

- · Leave no one behind
- Ensure sustainable and inclusive urban economies
- Ensure environmental sustainability



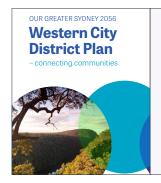
# UN - THE 2030 AGENDA FOR SUSTAINABLE DEVELOPMENT

The Sustainable Development Goals are a universal call to action including 17 goals forming part of the 2030 Agenda for Sustainable Development. This Agenda outlines the 15-year plan to achieve these goals. The most relevant goals applicable to Moore Point include:

- · Goal 3: Good Health and Well-being
- Goal 11: Sustainable Cities and Communities
- Goal 13: Climate Action
- Goal 15: Life on Land



### STATE



### WESTERN CITY DISTRICT PLAN

The Western City District Plan categorises Liverpool into The Western Parkland City Metropolitan Cluster and identifies the need for revitalisation and and capitalisation ont eh Western Sydney Airport. Relevant Priorities include:

Planning Priority W4: Fostering healthy, creative,

- culturally rich and socially connected communities
- Planning Priority W18: Delivering high quality open space
- Strategy 6: Encourage physical activity by providing better parks and better amenity
- Strategy 7: Provide open space that is multifunctional and fit for purpose
- Strategy 8: Design versatile, flexible spaces





### **FUTURE TRANSPORT 2056**

Future Transport 2056 acknowledges the vital role transport plays in the land use, tourism, and economic development of towns and cities. It includes issuespecific and place-based supporting plans that shift the focus away from individual modes of transport, toward integrated solutions.

The Strategy and Plans also focus on the role of transport in delivering movement and place outcomes that support the character of the places and communities we want for the future.



# NSW LOCAL CHARACTER AND PLACE GUIDELINES

The guideline provides information to clarify the key influences of local character and place, how local character can be integrated into the planning system and current approaches for the inclusion of local character in local planning.

The Guidelines set out key ways in which local character can be identified and articulated in a proposal, including the integrations of tree canopy and heritage.





### STATE



### LIVERPOOL PLACE STRATEGY

The Policy "Liverpool Collaboration Area Place Strategy has been developed by the Greater Sydney Commission to help deliver the shared objectives for Liverpool and guide planning decisions into the future. The Moore Point proposal site is classified as a Mixed use Collaboration Area known as the Georges River North area. Requirements including a mixture of commercial, retail, residential and community uses that provide sustainable employment, that is complementary to, and not in competition with, the commercial core.



### BETTER PLACED

The Policy "Better Placed has been developed by the Government Architect to deliver the strategic approach needed to ensure that as our cities and towns grow bigger they get even better." Key, applicable objectives include:

Objective 1 - Better Fit: Contextual, local and of its

- place
- Objective 3 Better for Community: Inclusive, connected and diverse
- Objective 4 Better for People: Safe, comfortable and liveable
- Objective 6 Better Value: Creating and adding value
- Objective 7 Better Look and Feel: Engaging,



### **GREENER PLACES**

The Policy "Greener Places has been developed by the Government Architect to deliver the strategic approach for encouraging connection and integration of our green assets, ensuring their contribution to quality of life, and that the environment and the economy are maximised, rendering a working whole that is greater than the sum of its parts."

Key principles for creating Greener Places include:

- Principle 1: Integration
- Principle 2: Connectivity
- Principle 3: Multifunctionality
- Principle 4: Participation



### **STATE**



# DRAFT - OPEN SPACE FOR RECREATION GUIDE - GREENER PLACES

The guideline, 'Open Space for Recreation' is a document supporting the guide and implementation of the Policy document "Greener Places, developed by the Government Architect. Key applicable strategies include:

- Strategy 1: Improve the provision and diversity of open space for recreation
- Strategy 2: Understand the demands on existing open space, and plan for open space in new and growing communities
- Strategy 3: Improve the quality of open space for better parks and facilities
- Strategy 4: Use open space to connect people to



### DRAFT DESIGNING WITH COUNTRY

"If we care for country it will care for us"

Government Architects NSW is currently working with the design industry, government and community to explore opportunities to Design with Country, embedding aboriginal culture in planning and places. The document Draft working title is 'Ochre Grid'

Designing with Country will look to assist with this and other regulatory requirements and be useful as a tool to create better places.



### DRAFT HERITAGE GUIDELINES

The Policy "Design Guide for Heritage has been developed by the Government Architect to provide advice to guide a broad range of design work in heritage places in NSW. The Design Guide for Heritage is part of the suite of documents developed by Government Architect NSW to support Better Placed.

The guide details the Better Placed design objectives in the context of heritage, and identifies the processes and principles that ensure good design supports the significance of heritage places. The design guide also provides case studies which show how principles of good design have been applied across a wide range of heritage contexts, scales, and building types to meet a variety of briefs and requirements.





### LOCAL



### **OUR HOME, LIVERPOOL 2027**

Liverpool City Council's Community Strategic Plan

– Our Home, Liverpool 2027 defines the vision and priorities of the community and is designed to improve life in Liverpool and the wellbeing of its residents.

The plan captures the priorities identified by residents, such as social inclusion, protecting our environment,

generating opportunity and collaborative leadership.

The four key relevant directions for Moore Point include: Direction 1: Creating Connection, Direction 2: Strengthening and protecting our environment, Direction 3: Generating Opportunity, Direction 4: Leading through collaboration



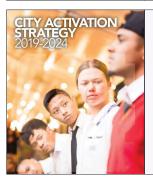
### **CONNECTED LIVERPOOL 2050**

Connected Liverpool 2050 is Council's Local Strategic Planning Statement (LSPS). It will inform the review of Liverpool City Council's Local Environment Plan. Connected Liverpool 2050 looks to guide development in communities, balancing the need for housing, jobs and services as well as parks, community facilities and the natural environment.

Key relevant priorities to Moore Point include:

Priority 1: Active public transport reflecting

- Liverpool's strategic significance.
- Priority3: Accessible and connected suburbs.
- Priority 5: A vibrant, mixed use and walkable 24hr city centre with the Georges River at its heart.
- Priority 6: High quality, plentiful accessible community facilities, open space and infrastructure aligned with growth.
- Priority 7 Housing choice for different needs, with diversity focused in the city centre and centres well services by public transport.
- Priority 9: Safe, healthy and inclusive places shaping the wellbeing of the Liverpool community.



### CITY ACTIVATION STRATEGY 2019-2024

The City Activation Strategy looks to encourage the development of a well-integrated and economically vibrant City Centre. The vision sets out "To foster an 18-hour walkable city with a lively and well-integrated mix of activities, in order to attract private investment and stimulate Liverpool's communities to make

greater use of the City Centre and its attributes".

A key recommendations applicable to Moore Point Precinct includes:

Developing a well-connected visual and public space relationship between the east side of the City Centre and the adjacent Georges River.



# analysi

"

I find it striking that the quality of the urban habitat of homo sapiens is so weakly researched compared to the habitats of gorillas, elephants, and Bengal tigers and panda bears in China...you hardly see anything on the habitat of man in the urban environment.

JAN GEHL



- 01. PLACE STORY
- 02. USER GROUPS
- 02. PLACE POTENTIAL

### PLACE STORY A snapshot of the history of Moore Point and surrounds.

## **GEORGES RIVER** Prior to 1788, the Georges River was known as Tucoerah River or Kai'eemah by the traditional custodians of the area. The river was explored by Bass and Flinders in 1795 and it was one of the many sites of the Hawkesbury and Nepean Wars, a series of wars between the Kingdom of Great Britain and the resisting Indigenous clans in the late 1700s and early 1800s. Moore Point is located at the point where the Georges River transitions from freshwater to estuarine. 1700S-1800S 1810 **AGO CABROGAL PEOPLE**

### LIVERPOOL FOUNDED

On November 7, 1810 Governor Lachlan Macquarie founded Liverpool and named it in honour of the Earl of Liverpool, then Secretary of State for the Colonies. Liverpool is Australia's fourth oldest town behind Sydney, Parramatta and Hobart. Unlike these cities, Liverpool was the first free planned settlement of Australia. Thomas Moore joined Macquarie on his tours of the district during this time.

### LIVERPOOL WEIR

A dam was constructed using convict labour at Liverpool in 1836, as a water supply to Liverpool. It is a state significant heritage item due to its historical association and rarity values – it is the only weir in NSW known to have been designed by master mason David Lennox, Australia's first major bridge builder. While the weir has long ceased to function as a source for town water and as a George's River crossing, it now provides water-based recreational opportunities and has local significance for its potential for research into changes in ecology. 1856-1858

### **RAILWAY OPENED AND ELECTRIC TELEGRAPH IN LIVERPOOL**

The coming of the railway, opened in September 1856 and the electric telegraph in 1858, provided speedy, safe transport and communication and began the transformation of Liverpool into a major regional city.

1872





The original inhabitants of the Liverpool area were the Cabrogal people who spoke the Darug language. The Georges River provided a natural boundary between the Darug or 'wood tribes' and the neighbouring Tharawal or 'coast tribe'. These tribes knew the area as Gunyungalung and evidence suggests they have been here for up to 40,000 years.

### **THOMAS MOORE - FIRST** CITIZEN OF LIVERPOOL DISTRICT

Thomas Moore, a sailor, farmer and philanthropist, born in England, arrived in Sydney in 1791. In 1809, Moore gave up his post as master boatbuilder and withdrew from Sydney, as he had received a large grant in the George's River district known as Moorebank, and the site which he chose for his home was to make him the first citizen of Liverpool. On 7 May 1810 he was gazetted a magistrate for George's River.



1818

1836

### **DISTRICT COUNCIL FORMED**

The history of Local Government in Liverpool dates back to 1848 when a district Council was formed.

### **CHURCH BUILT AND TOWN SQUARE PLANNED**

1848

Town Square of Liverpool was planned, and Macquarie appointed emancipated architect Francis Greenway to design a church. In 1818 the foundation stone was laid and the church was named St Lukes. Another monument to Greenways' genius is the TAFE College which was built as the first hospital.

### **LIVERPOOL** MUNICIPALITY **PROCLAIMED**

It was not until June 27, 1872 that the Liverpool Municipality was proclaimed, and Richard Sadleir became the first Mayor.

CHANGES TO LIVERPOOL

The first World War brought changes to Liverpool. There were extensive military training activities in the area and German prisoners of war

were held at Holsworthy.

**FIRST WORLD WAR BRINGS** 



Moorebank is built atop a plateau and was cut off from surrounding areas in the floods of 1986. The Moorebank-Milperra Floodway Voluntary Purchase Program in the 1980's was designed to remove houses from a flood prone section of the Georges River downstream of the Moore Point

FLOODING AFFECTS MOORE POINT SITE

# REZONING OF LIVERPOOL CITY CENTRE

25 hectares in the heart of Liverpool is rezoned with the intention to reinvigorate the City Centre and allow construction of multi-purpose buildings that could include cafes, bars and restaurants, retail, child care. office space and residential uses. This was one of the most significant steps forward for Liverpool since the city was first designed and will mean new residents living in Sydney's third City Centre, who are close to transport, universities and the green space along the Georges River, and the creation of new jobs to build a vibrant new commercial and residential hub.



1914-

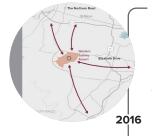
1918

1939-

1945

# SURBURB OF MOOREBANK FORMED

The suburb takes its name from early settler Thomas Moore.
Moorebank was originally home to vineyards and other rural activities. Nuwarra Public School opened in 1973 and is located directly opposite Moorebank shopping centre, which also opened in the early



# WESTERN SYDNEY AIRPORT ANNOUNCED

2017-18

Sydney's second airport is announced to be developed at Badgerys' Creek. It is expected to create an additional 20,000 jobs – predominantly in the LGA.

0

1973





INITIATIVE

# CHIPPING NORTON LAKES REHABILITATED

Lake Moore, which is located directly on the border of the Moore Point study site, forms part of the Georges River system and more locally, the Chipping Norton Lakes. 20 years of mining in the area, led to the riverbanks being packed with dangerous pits and eroded banks. In 1977 the Chipping Norton Lakes Authority was set up to rehabilitate the area into

### LIVERPOOL COLLABORATION AREA PLACE STRATEGY ESTABLISHED

2018

2019

The Liverpool Collaboration Area is approved by the Greater Sydney Commission in September 2018. As Liverpool grows, the Strategy will help to coordinate the transformation of the City Centre and surrounds with new jobs, infrastructure, sustainable places and a mix of dwellings, requires a coordinated effort from diverse stakeholders.

### MOORE POINT

2020

The Moore Point precinct positively progresses the future shape of Liverpool City Centre.

### PLANS FOR POTENTIAL METRO SITE AT LIVERPOOL UNVEILED

In September 2019, a new map was unveiled by NSW Government, showing potential new railways stations for the Metro West line, including Liverpool, Western Sydney Airport and the Aerotropolis.

# SECOND WORLD WAR INSTILS MILITARY ASSOCIATION TO AREA

The Holsworthy-Moorebank area was again used during World War II to train and house thousands of troops. The Army has maintained its long association with the Liverpool community through the Holsworthy barracks and field training establishment.

# URBAN SUSTAINABILITY

Liverpool and Campbelltown
City Council awarded a \$2
million grant from the NSW
Environmental Trust under their
Urban Sustainability Initiative.
The grant was to allow the
councils, in conjunction with
Wollondilly Shire Council and
the Georges River Combined
Councils Committee, to
develop a Comprehensive
Strategic Plan focused on the
rehabilitation of the catchment

"

Liverpool. Rich in nature.
Rich in opportunity. Creating community; our place to share and grow.

Our Home, Liverpool 2027.





### MOORE POINT'S USER GROUPS

To gain a better understanding of the experiences that can occur at Moore Point, it is important to break the wider potential users into defined user groups. This list is not exhaustive, but identifies a number of particular users who can bring benefit to the precinct.

### CHILDREN



Aged between 0-9 years old, this user group is expected to increase by proportion of population in the future. Currently, however, children make up a predominate group in Moorebank (24.4%)". This user group may require safe and accessible streets for walking, cycling, childcare, schools, play areas, parks and access to learning places such as libraries.

### YOUTH + TEENS



Aged between 10-19 years old, this user group is expected to increase by proportion of population in the future. This user group may require access to safe, well-lit, good surveillance social spaces, public transport, skate parks, sporting facilities, wifi, cheap places to eat, libraries, access to creative & recreation activities - youth centres, bike hire, trails and tracks.

### STUDENTS



Aged between 20-34 years old, this user group is expected to increase by proportion of population in the future with the relocation of University of Wollongong's Liverpool Campus to be relocated to the new Civic place development serving over 7,000 students by 2030°. This user group may require access to bars, cafes, public transport, wifi, affordable places to eat, free places to exercise, groceries, outdoor recreation areas and facilities, retail, social spaces, creative, art, culture, making and co-working spaces.

### WORKERS

### VISITORS

### FAMILIES

### OVER 60'S



Aged between 20-65 years old, this user group is the broadest category in Moore Point and is expected to grow in the future with infrastructure, entertainment and recreation precinct renewals\*. This user group may require access to convenient shopping, cafes, restaurants, gym, sporting facilities, co-working spaces, urban and green spaces, quality public transport, childcare, retail, essential services including medical centre, post office, banks and groceries.



This user group category covers any aged person and can be from anywhere. This group comes to Moore Point for entertainment, recreational, health services and educational needs. This user group may require cafes, bars, restaurants, shops, cinemas, events infrastructure, art galleries, access to nature, sights to visit, places to picnic & bbq, places to walk dogs, urban spaces, recreational and cultural facilties, and places to host unique events to leverage on the increasing populations within the surrounding area.



Generally age between 25 and 60 and with children varying in age, this user group category is expected to be the largest growing group in the future, accounting for just over 20% of the total Moorebank population. This user group may require free and affordable places, parks, cycling & walking trails, gardens, urban spaces with integrated play elements, sports, pools, libraries, parent-children social places, places to walk dogs, grocery stores, schools and childcare. Access to attractive, interesting and changing events and activities available during the day, evening and weekends will be essential to supporting this user group category.



Aged 60 and above, this user group is expected to increase in the future by proportion of population in the future. Currently however, persons within this user group are a predominate age group within Moore Point, making up 13% of the population. This user group may require safe streets, crosswalks, easy to access health services, essential shopping and recreational needs, nature walking paths, gardens, sights to visit, restaurants, cafes, clubs and social spaces.



<sup>\*</sup> Source: Profile id. Moorebank population and household forecasts, 2016 to 2041.

<sup>\*\*</sup> Source: 2016 ABS Census Moorebank

### PLACE POTENTIAL

Potential place-led opportunities that build upon the existing precinct and its wider context.







INTENSIFICATION AND REORIENTATION OF THE CITY TOWARDS THE RIVER.



CREATE A RICH TAPESTRY OF DESTINATIONS AND ACTIVITIES.



DELIVER PRECINCT-WIDE SUSTAINABILITY INITIATIVES.



STAGING FOR THE REALISATION OF NEW EXPERIENCES AND THE IMPROVEMENT OF PUBLIC LIFE.



"

Our urban anchors are in our waterways. In the face of climate change and 21st century resilience planning, healthy rivers are once again the armature of cities. >>

Kaitlin Lovell, Bureau of Environmental Services, City of Portland, Oregon



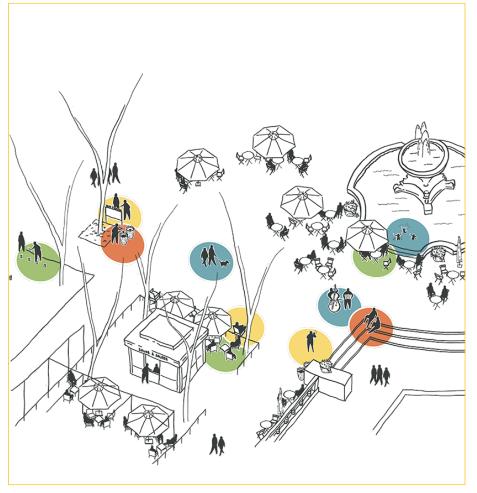
- 01. THE POWER OF 10
- 02. STRATEGIC PLACE MERIT
- 03. PRINCIPLES
- 04. PLACE VISION
- 05. PRECEDENTS

### THE POWER OF 10

Project for Public Spaces was recently commissioned by the NSW Government to educate key Departments on the Power of Ten. This is a best practice concept to ensure that places thrive when users have 10 reasons to be there. This might include places to sit, playgrounds, art to touch, or a ledge to skateboard. When a region contains at least 10 precincts for activities to occur within, their public perception begins to shift amongst both locals and tourists, and urban centres can become better equipped for generating resilience and innovation. The Power of 10 forms the basis for the development of Precincts at Moore Point and how these can be programmed.



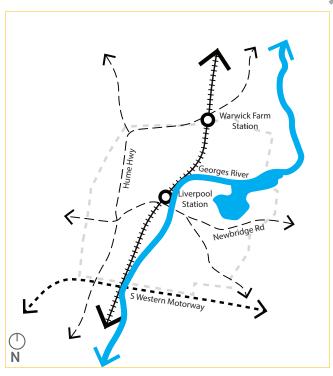
REGION 10 Precincts



PRECINCT 10 things to do

### STRATEGIC PLACE MERIT

There exists the opportunity for Moore Point to respond to Liverpool's surrounding precincts, creating a new mixed-used, recreational area that revitalises the riverfront, helping to make Liverpool a true 'River City'.



LIVERPOOL: THE RIVER CITY



CONNECTING THE CITY TO ITS RIVER



### PLACE DESIGN PRINCIPLES

The following 7 guiding Principles help to ensure design, activation and future decision making can be 'cross-checked' against best practice Place Design.

> Greener People Places

2 Cooler Green Places









Happy +
Healthy
Places

Vibrant
Places +
Public Life

Consciously Mobile People

Resilience

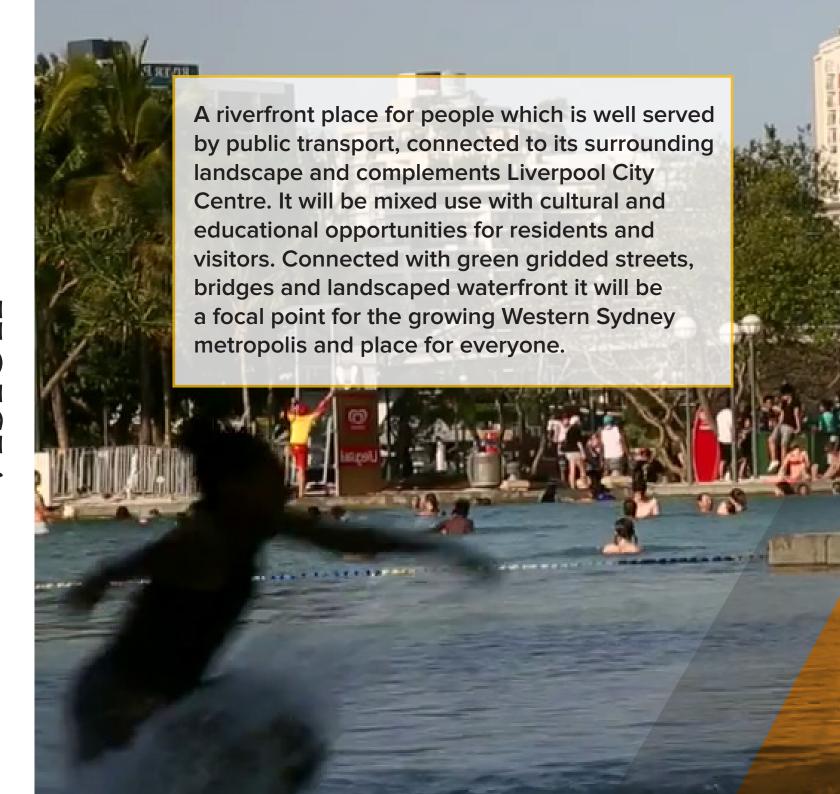








### vision







P L A

### **PRECEDENTS**

### HAMMARBY, STOCKHOLM

### **GREENER PEOPLE PLACES**

Leveraging its natural parks centred around the lake, the community is lined with open green spaces, and parks, places for people to walk, places for mooring boats, docks and the active green edges to the waterfront.

- Public Open Space Accessibility: 60%
- Diversity of Open Spaces: 6/11
- Public green space 19 % total site area

### **COOLER GREEN PLACES**

Innovative green-blue infrastructure systems integrated across the site, allowing for planting, green roofs and stormwater systems.

- Green View Index 35%
- Stormwater harvest / filtration 1 implemented system

### **CONSCIOUSLY MOBILE PEOPLE**

Residents can actively commute as part of their daily life activity.

- Active Travel Commutes 80% of residents
- Total distance of walking & cycling paths 45km & 18.5km
- Cars per 1000 residents 210

### **RESILIENCE**

The Glass House environmental education centre is a space accessible to all residents and visitors and has been deemed an essential socially sustainable asset for the community.

Education, Training & Allied Purpose Building x 1







### BO01, MALMO

### **GREENER PEOPLE PLACES:**

A highly diverse range of green spaces and biodiversity provided by the trees, ponds, green roofs, and climber vertical plants.

- Public Open Space Accessibility: 80%
- Diversity of Open Spaces: 5/11
- Dedicated area for open space 50%

### **COOLER GREEN PLACES**

Green roofs cover an extensive areas across Malmo to help reduce the urban island heat effect and providing habitats for migrating birds.

• Green roofs - 9,000m<sup>2</sup>

### **HAPPY AND HEALTHY PLACES**

Utilises the 'Green Space Factor' point system, which includes growing plots on balconies and ensuring all plants provide some household use.

• Productive gardens - 2m<sup>2</sup> p/d

### **CONSCIOUSLY MOBILE PEOPLE**

Compact scale and mixed lot sizes create a walkable network. The public spaces are predominantly inaccessible to cars, providing a range of open spaces for people to enjoy accessing walking and cycling routes.

- Cars per unit 0.7
- Mobility on Demand 50 car pools









### **PRECEDENTS**

### BROOKLYN PARK, NYC

### **GREENER PEOPLE PLACES:**

A diverse range of green and blue connected spaces including parklands, natural landscaped footpaths, recreational fields, water recreation facilities for kayaking, access to a marina, bike paths and innovative water access via boardwalks, floating bridges, and canals. Pockets of parklands attract bird and other wildlife.

- Public Open Space Accessibility: 70%
- Diversity of Open Spaces: 11/11

### **COOLER GREEN PLACES**

The extent of diverse green open spaces and planting assists in reducing the urban island heat effect.

• Green View Index - 30%

### **VIBRANT PLACES AND PUBLIC LIF**

The reuse of the deteriorating East River waterfront for public benefit and to make the waterfront an asset to the city and region is a parallel drawn to Moore Point. The increase in public access to the waterfront enables greater availability of recreational open space for residents, visitors and workers in the areas.

• Waterfront public access - 85%







### HOWARD SMITH WHARVES, BRISBANE

### HAPPY AND HEALTHY PLACES

Given its prominate location people are drawn to the waterfront to enjoy local retail and food offerings set in a distinct setting.

Local Retail & Business - 100%

### **VIBRANT PLACES AND PUBLIC LIFE**

As a critical connection and destination along the broader river edge of Brisbane, direct waterfront access and engagement with active building frontages ensures continuous activity and public life takes place.

- Waterfront public access 75%
- · Building Entries 10 entries

### **CONSCIOUSLY MOBILE PEOPLE**

The development provides a range of active travel options to access the site, including the CityCat, train, bus, bike, ride share and by foot with accessible footpaths ajoining multiple destinations along the City Reach Walk. The precinct also accommodates on a daily basis 3,000 daily users regularly accessing to and from the CBD.

- Bike Parking 50 spaces
- Employee Bike Spaces 33
- Shuttle Bus Free 12pm-9pm (Thurs to Sun) to Residential Apartment Precinct to Transport Terminal

### **RESILIENCE**

The reuse of heritage wharf sheds and WWII bunkers with new buildings along with the Riverwalk has helped to create a new destination with a distinct identity.

· Hybrid Buildings (Adaptive Reuse) x 1









We can create ever-evolving, gentle urban symbioses, discovering opportunities for healthier, more sustainable, more enjoyable and more meaningful relationships, by being neighbours.

David Sim, Soft City

- 01. INTRODUCTION
- 02. IDENTITY
- 03. PUBLIC LIFE
- 04. URBAN FORM
- 05. SUSTAINABILITY

### INTRODUCTION

The Moore Point Place Design Framework offers flexibility, iteration and adaptation through the considered design and delivery of public spaces and a process that allows public life to unfold as the first stage of renewing the eastern bank of the Liverpool City Centre.

By focusing on creating public life and places as the critical to ingredients to Moore Point's success, the freedom of the framework is the certainty it provides in delivering a happy, healthy and resilient community, whilst providing flexibility in the design of future buildings and their ability to respond to the market.

Building on the world's best place design methodologies of Gehl Architects and Projects for Public Spaces (PPS) (both recently commissioned by NSW Government to lead place training) and NSW Government place policy, the Place Design Framework is guided by five key elements:

- **Identity:** the defining characteristic of the whole and its precincts that will guide all other decisions
- Public life: the activities within each precinct to create vibrancy to tranquility
- **Urban form:** the marrying of conscious mobility and destinations for all people to enjoy
- Sustainability: socially, economic and environmental resilience
- **Realisation:** providing a flexible framework in which opportunities for activities are accumulated over time.



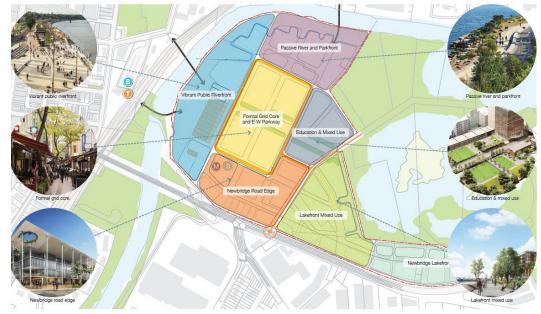
PLA

### IDENTITY

The work undertaken by SJB to date provides a great foundation for the further development of the character of place. The 7 Character Areas have clear identities and defining characteristics to drive the progression of the Masterplan.

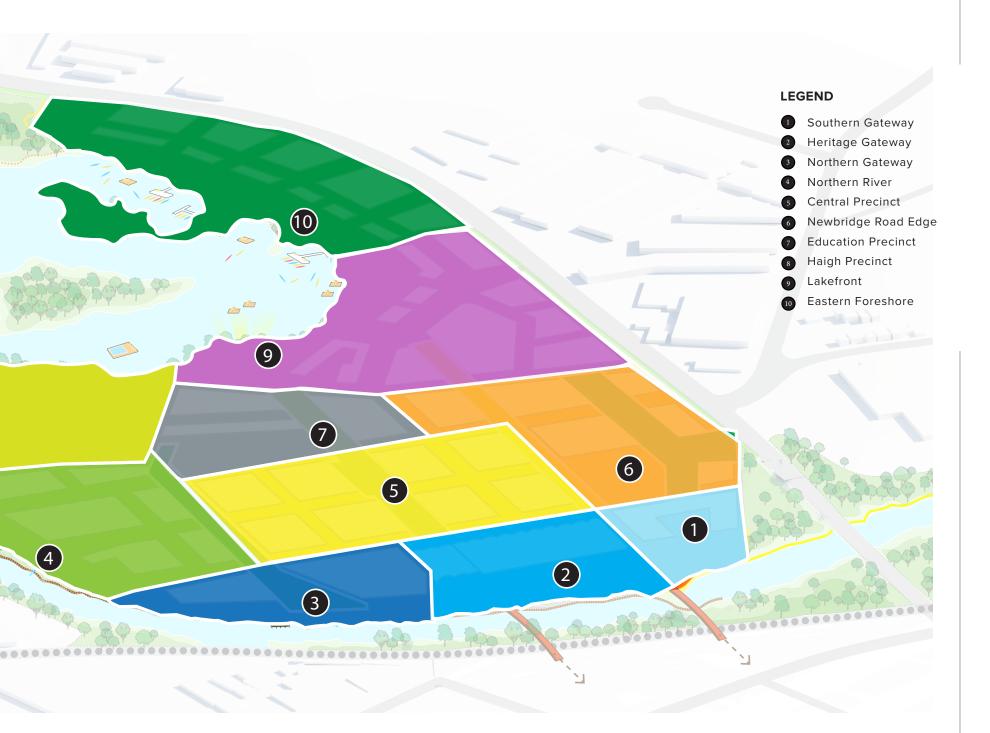
With a subtle, but significant evolution based on the Power of 10, more granular precincts have been created to help realise the type of public life that can be occur, and ultimately deliver the Power of 10.

### Moore Point Character Areas



Courtesy of SJB.

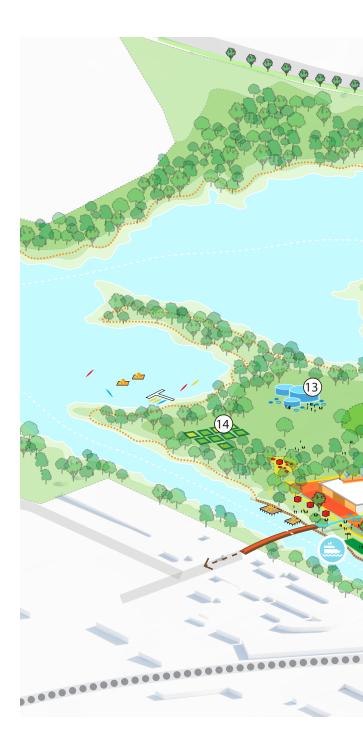






### PUBLIC LIFE

Moore Point provides the opportunity for 100 activities or things to do, creating the critical ingredients for a happy, healthy and resilient community.





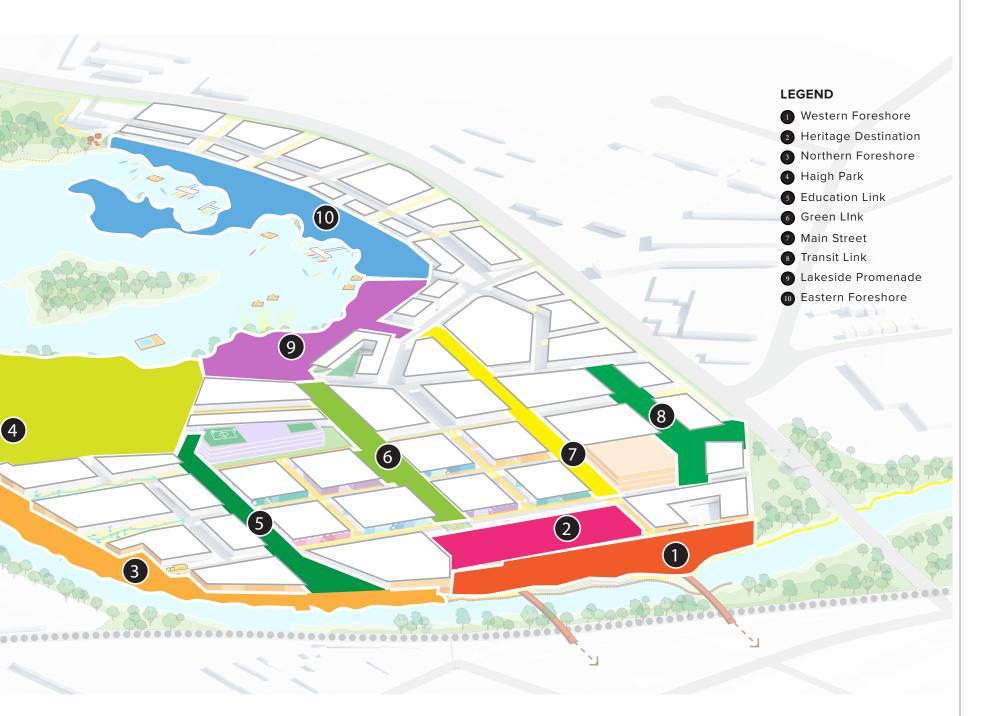


### URBAN FORM

Contrasting with conventional development our place led urban form for Moore Point identifies the key destinations, streets and places to create a diversity of experiences for people.

Collectively the Precinct Plan, Public Life Plan and Urban Form Plan provides the opportunity to evoke a more detailed Place Activation Strategy in due course. This is illustrated in the following chapter.







### SUSTAINABILITY

Through a place lens the project delivers sustainability through a series of parklands that create an interconnected loop of outdoor activity, improving physical and mental health for the local community, and improving happiness.







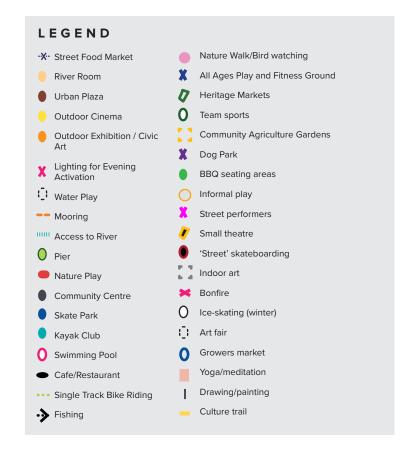
# activation plan

- 01. ACTIVATION PLAN
- 02. DETAILED PLACE ACTIVATION EXAMPLES
- 03. SEASONAL ACTIVITIES

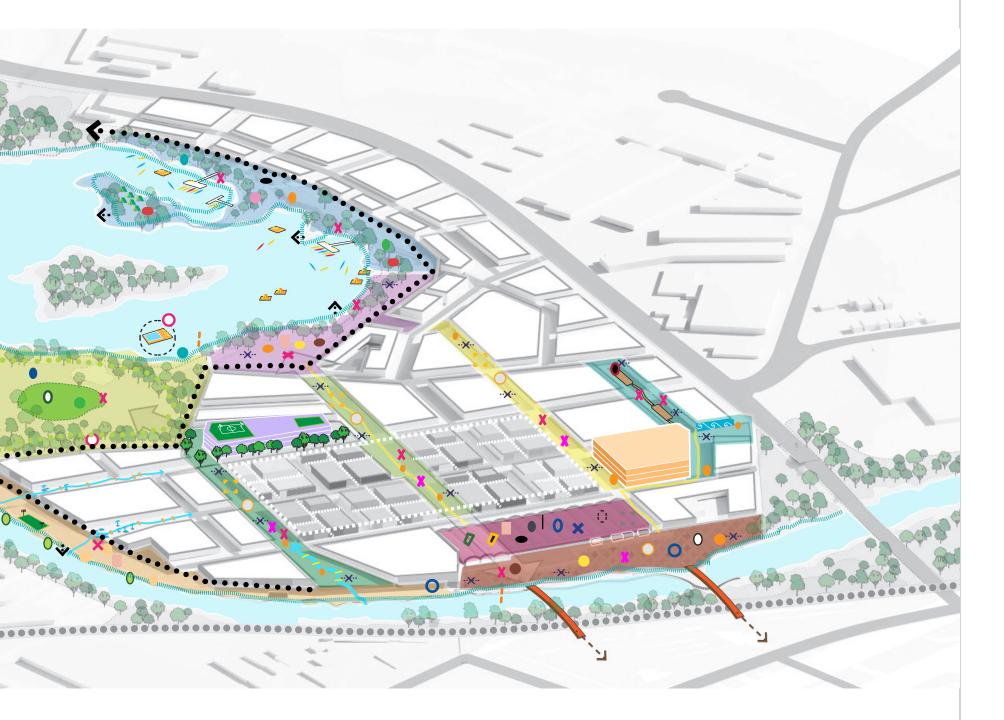
### ACTIVATION PLAN

Building on the Public Life Plan the following Activation Plan creates focus areas for Place Interventions, illustrating how The Power of 10 can be delilvered.

The pages following this spread demonstrate the detailed potential of these destinations. This work would be completed with stakeholders for the project to evolve.









### **WEST FORESHORE**

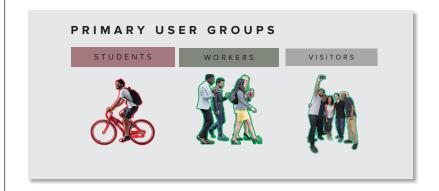
### OVERVIEW

Situated around a large amphitheatre overlooking the river and Liverpool City Centre, West Foreshore is Moore Points most stimulating Precinct. This Precinct is where people from across Sydney travel to see Western Sydney's best live performances, or even watch the fireworks on Chinese New Year. It is full of serendipitous encounters where people are constantly seeing, hearing and learning new things, and where social interaction is common, casual and (commonly) costless.

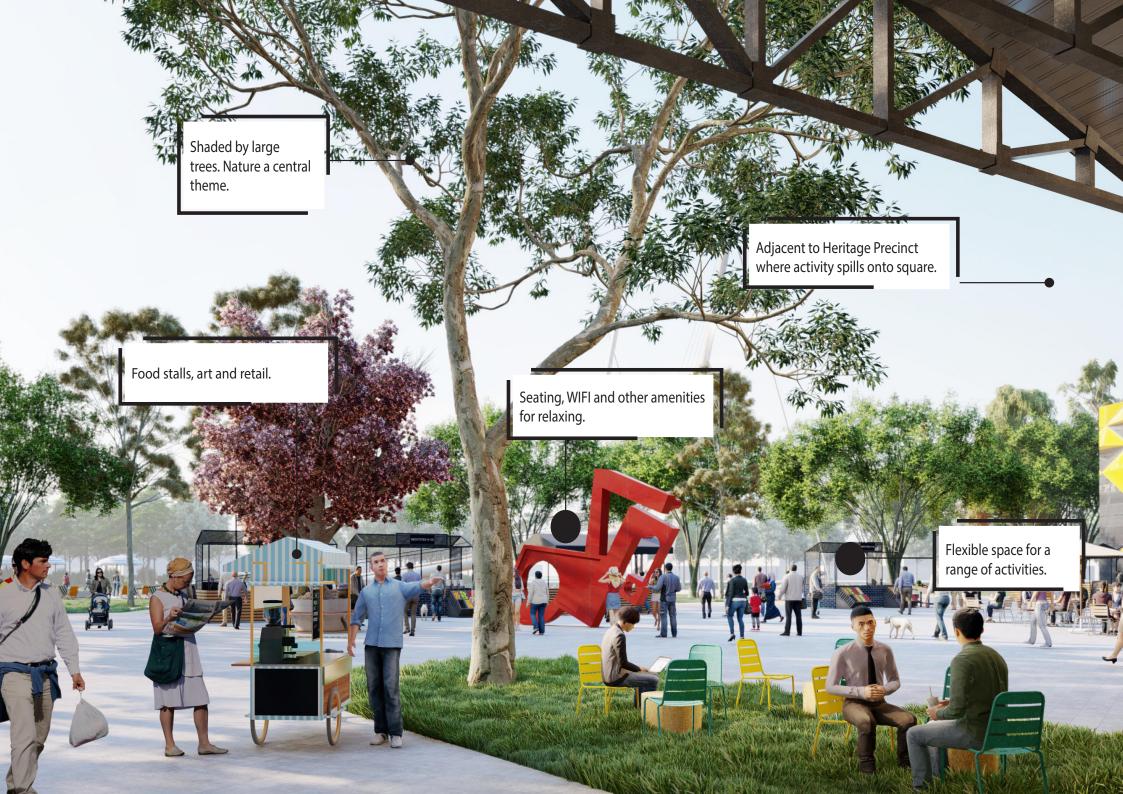
### Key activities include:

- Formal live performances
- Busking and informal entertainment
- Eating and drinking
- Relaxing by the riverfront









### **HERITAGE PRECINCT**

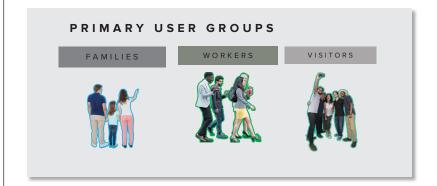
### OVERVIEW

A canvas for people to express and celebrate the way of life of the individual and groups including their behaviours, art, beliefs, values, and symbols that they identify with. The Heritage Precinct is a gateway to Moore Point where large groups of people come together to enjoy a range of sensory experiences through art, food and conversation.

### Key activities include:

- Markets
- Busking
- Art









### **HAIGH PRECINCT**

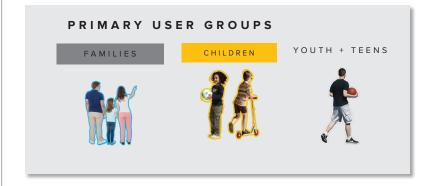
### OVERVIEW

Haigh Precinct is an inclusive place is one that is physically accessible to everyone, but is also inclusive of all ages, cultures, sexes and abilities. With a range of outdoor and indoor activities for young people it is a particularly vibrant place after school hours and on weekends. Tall gum trees provide much needed shade in the summer months where people are seen strolling along dirt tracks, or fishing at the water's edge. Haigh Precinct is a oasis in the middle of Sydney's Third CBD.

### Key activities include:

- Skateboarding/BMX
- · Walking, cycling, jogging
- Community centre
- Wildplay
- Kayak launch
- Team sports





|                                 |                                 | AUTUMN                          | WINTER                           |
|---------------------------------|---------------------------------|---------------------------------|----------------------------------|
| CYCLING/<br>WALKING/<br>JOGGING | CYCLING/<br>WALKING/<br>JOGGING | CYCLING/<br>WALKING/<br>JOGGING | CYCLING/<br>WALKING/JOG-<br>GING |
| SKATE                           | FISHING                         | FISHING                         | FISHING                          |
| TEAM SPORTS                     | GYM                             | GYM                             | GYM                              |



### S E A S O N A L A C T I V I T I E S

Moore Point will be an active and lively place all year round. With a range of active and passive activities occurring during both night and day time, people will feel safe walking to and from public transport and enjoying public life at all hours.







"

As Liverpool transforms, we see great potential in the development of economic assets and jobs creation. >>

Roderick Simpson.





## performance measures



- 01. INTRODUCTION
- 02. HOW DOES MOORE POINT PERFORM?
- 03. OVERVIEW OF THE METRICS
- 04. PERFORMANCE OVERVIEW

### INTRODUCTION

Research has been undertaken into world's best practice place making and benchmarking to identify and quantify the appropriate performance measures of Moore Point to support the Urban Design and Place outcomes.

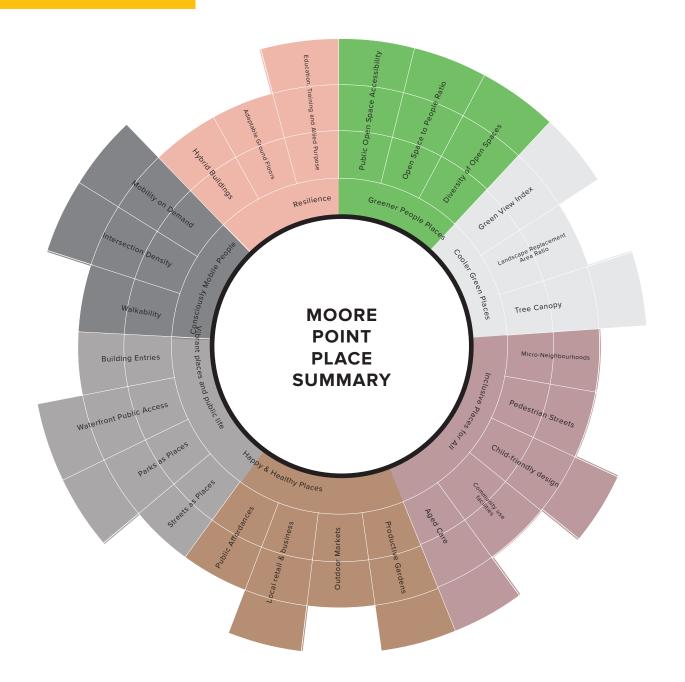
The Place Performance Metrics and Scoring draws upon RobertsDay's accumulative IP and research over many years. This information can become public as the project evolves.

The place performance measures Moore Point against the Place Design Principles for the project.

### PLACE DESIGN PRINCIPLES

- 1. Greener People Places
- 2. Cooler Green Places
- 3. Inclusive Places for All
- 4. Happy & Healthy Places
- 5. Vibrant Places and Public Life
- 6. Consciously Mobile People
- 7. Resilience

The primary goal of the performance measures is to create a set of quantifiable metrics (25 in total) that evaluate performance in a way that is nuanced to a locality, easily understood, and can support evidence-based decision making.





### OVERVIEW OF THE METRICS

The following place performance metrics quantify that the overall experience for Moore Point.

| PLACE DESIGN<br>PRINCIPLE   | MEASURE                          | METRIC  |
|-----------------------------|----------------------------------|---|
| GREENER<br>PEOPLE PLACES    | Public Open Space Accessibility  | The percentage of all resident building entries within 100m of an Identifiable Open Space         |
|                             | Open Space to People Ratio       | m2 of Green Space per Individual  |
|                             | Diversity of Open Spaces         | Types of Open Spaces per 100m   |
| COOLER<br>GREEN PLACES      | Green View Index                 | Min % of Visible Tree Canopy cover visible in public spaces and streets at eye-level              |
|                             | Landscape Replacement Area Ratio | % of site area contributing to communal landscape or vertical planting above the street level     |
|                             | Tree Canopy                      | % of land surface area shaded by tree canopy  |
| INCLUSIVE PLACES FOR ALL    | Micro-Neighbourhoods             | # micro-neighbourhoods in the precinct  |
|                             | Pedestrian Streets               | Max speed of vehicles on streets within precinct (km/hr)  |
|                             | Child-Friendly Design            | % of all public realm and parks facilitating play   |
|                             | Community Use Facilities         | # of community uses and respective size   |
|                             | Aged Care                        | # of aged care beds   |
|                             | Productive Garden                | Area of productive garden space per person (sqm)  |
|                             | Outdoor Markets                  | Frequency of Markets held   |
|                             | Local Retail & Business          | % of retail floor area dedicated to local retailers and businesses (rather than franchises)       |
| HAPPY AND<br>HEALTHY PLACES | Public Affordances               | Number, frequency and variety of public furnishings colocated to bring people together in a place |

| PLACE DESIGN<br>PRINCIPLE         | MEASURE                                   | METRIC   |
|-----------------------------------|---|--|
| - 66 A DL. A.                     | Streets as Places                         | # of activities per street   |
|                                   | Parks as Places  Waterfront Public Access | # of activities per public open space  Public access to water        |
| VIBRANT PLACES<br>AND PUBLIC LIFE | Building Entries                          | # building entries per 100m of façade                                |
|                                   |   |  |
|                                   | Walkability<br>                           | Walkscore  |
| mill                              | Intersection Density                      | # of Intersections per km2   |
| CONSCIOUSLY MOBILE PEOPLE         | Mobility on Demand                        | # shared cars / cars removed from road                               |
|                                   | Hybrid Building                           | Serves multiple uses   |
| RESILIENCE                        | Adaptable Ground Floors                   | Lineal Metres of Active Ground Floor                                 |
|                                   |   | Floor-to ceiling height for ground and first floor                   |
|                                   |   | Min width of pedestrian shelter at ground plane                      |
|                                   | Education, Training & Allied Purpose      | Min % of non-residential space dedicated to local education training |



### PERFORMANCE OVERVIEW

| OBJECTIVES                  | MEASURE                          | TARGET                          | MOORE POINT<br>PERFORMANCE         |
|-----------------------------|----------------------------------|---------------------------------|------------------------------------|
| GREENER PEOPLE<br>PLACES    | Public Open Space Accessibility  | 60%                             | 80%                                |
|                             | Open Space to People Ratio       | 6m²                             | 6.3m <sup>2</sup>                  |
|                             | Diversity of Open Spaces         | 7/11                            | 11/11                              |
| COOLER GREEN<br>PLACES      | Green View Index                 | 30%                             | 40%                                |
|                             | Landscape Replacement Area Ratio | 40%                             | 40%                                |
|                             | Tree Canopy                      | 30%                             | 40%                                |
| INCLUSIVE PLACES<br>FOR ALL | Micro-neighbourhoods             | 7                               | 7                                  |
|                             | Pedestrian Streets               | 10km/hr                         | 10km/hr                            |
|                             | Child-Friendly Design            | 50%                             | 60%                                |
|                             | Community Use Facilities         | 1 Community Centre -1400m2 area | 1 Community Centre<br>-1400m2 area |
|                             | Aged Care                        | 100 beds                        | 200 beds                           |
| HAPPY & HEALTHY<br>PLACES   | Productive Garden                | 0.5m <sup>2</sup>               | 0.6m <sup>2</sup>                  |
|                             | Outdoor Markets                  | 1 Monthly                       | 1 Monthly                          |
|                             | Local Retail & Business          | 50%                             | 65%                                |
|                             | Public Affordances               | 10 elements / 60m               | 10 elements / 60m                  |

| OBJECTIVES                        | MEASURE                                | TARGET   | MOORE POINT<br>PERFORMANCE |
|-----------------------------------|--|--|----------------------------|
| VIBRANT PLACES<br>AND PUBLIC LIFE | Streets as Places                      | 3 Activities (including 1 at night-time) on the street per block | 3 Activities               |
|                                   | Parks as Places                        | 5 Activities   | 10 Activities              |
|                                   | Waterfront Public Access               | 75%  | 100%                       |
|                                   | Building Entries                       | 10 entries (with no more than 9m of blank wall)                  | 10 entries                 |
| CONSCIOUSLY<br>MOBILE PEOPLE      | Walkability                            | 95   | 95                         |
|                                   | Intersection Density                   | 35   | 39                         |
|                                   | Mobility on Demand                     | 1820 Cars off the road (based on target intersection density)    | 2028 Cars off the road     |
| RESILIENCE                        | Hybrid Buildings                       | 1  | 1                          |
|                                   | Adaptable Ground Floors                | 2000m linear metres active ground floor                          | 2000m                      |
|                                   |  | 4.4m Floor-to-ceiling height                                     | 4.4m                       |
|                                   |  | 3m Min width pedestrian shelter                                  | 3m                         |
|                                   | Education, Training and Allied Purpose | 10%  | 12%                        |



### PLACE DESIGN SCORE SUMMARY PRINCIPLE Moore Point significantly increases public space accessibility, Open space to people ratio and provides high quality diverse open spaces which GREENER 100 PEOPLE PLACES leverages off the local natural assets of the Georges River and Lake Moore. Increasing the urban greenery and reducing the effects of the urban COOLER island heat is a critical goal for the development of Moore Point Precinct. 89 **GREEN PLACES** Significant increase in tree coverage, streetscape and communal planting contribute to Moore Point becoming a 'Cooler Green Place'. Moore Point currently lacks places inclusive for all. Through the provision of slow, walkable streets, child-friendly design of public spaces and access INCLUSIVE 80 PLACES FOR to services and facilities including aged care and community use facilities ALL Moore Point will become an improved community with inclusive places. Moore Point will deliver a socially connected and healthy community that HAPPY AND prioritises the wellbeing & happiness of its residents. Access to local retail, 83 HEALTHY productive gardens, high quality public space amenities and interesting PLACES markets will bring people together in an engaging and local way. With attractive things to see and do across the Moore Point Precinct, from the VIBRANT lively buzz of ground floor retail, cafes and restaurants, street life, to activities 83 PLACES AND in the park and along the waterfront, Moore Point will be a place to linger & PUBLIC LIFE spend the day engaging in something for interesting for everyone. Moore Point will deliver a pedestrian oriented precinct with a focus on CONSCIOUSLY providing regular, safe and easy crossings at intersections to access key 89 MOBILE PEOPLE places. Car sharing pods will feature across the precinct, supporting the environmental & mobility conscious community. The Moore Pointwill deliver adaptable and flexible spaces for diverse future uses, including multi-use spaces, and adaptable floor-to-ceiling 78 RESILIENCE 化物物 heights. In addition, the location of education facilities within the precinct

community.

will contribute to the social, cultural and economic resilience of the

