

1.1 Moore Park Master Plan 2040

Introduction

Moore Park Master Plan 2040 was produced by HASSELL for Centennial Parklands and the Moore Park Trust in 2017. Its focus is to create a stronger relationship between the public and the Park and outlines opportunities for the improvement and investment. The Master Plan is supported by consultant input and community and stakeholder consultation completed in 2015.

The strategic document is split into 6 main themes:

- Green
- Heritage
- Access
- Sports
- Leisure
- Entertainment

These themes will be utilised to structure the Master Plan review within this document.

Sydney Football Stadium is located within the Sydney Cricket and Sports Ground Trust administered lands. Although the site is not within Centennial Parklands and Moore Park Trust lands, the Master Plan identifies opportunities for the Sydney Cricket and Sports Ground Trust lands to deliver links, contribute to the heritage interpretation of the area and support the activation of the precinct as a whole.

This document addresses the objectives, key moves and strategies outlined within the Master Plan and highlights components of the Sydney Football Stadium development which will support either directly, or indirectly its aspirations. These have been highlighted in written and graphic formats.

Project Objectives

The Moore Park Master Plan 2040 outlines a series of project objectives. They include:

- Maintaining and enhancing green open space
- Improving financial, social and environmental sustainability
- Responding to increasing visitation and usage demands
- Accommodating the changing and increasingly diverse sporting and recreational needs of local and regional visitors
- Conserving the integrity of Moore Park’s important natural and cultural values and heritage fabric
- Providing for dynamic community and stakeholder engagement
- Providing for the integration of the following developments within the precinct:
 - CBD and SE Light Rail route and the Moore Park Station
 - Anzac Parade Shared Path Bridge
 - Planned capital projects to be undertaken by CPMPT
 - Planned capital projects proposed by Parklands licensees (e.g. Entertainment Quarter, Fox Studios etc.)
 - Planned capital projects implemented by surrounding stakeholders (e.g. SCGT)
- Providing solutions for transport and access to this busy and important precinct



Figure 02: Moore Park Master Plan 2040 - Artist's impression of a new community destination at Kippax Lake, including new picnic and barbecue facilities. a children's playground, and new tree planting, p20

Moore Park Master Plan 2040 - Key Moves

Moore Park Master Plan 2040 outlines 6 key moves around which the plan is structured. They are shown on Page 8.

The text below highlights the key moves and aspirations of the SFS redevelopment which could contribute positively towards and support the key moves of the Master Plan:

- One Integrated Park comprised of six precincts
- Removal of existing fencing and provision of new accessible routes and passive recreation spaces around the stadium for day-to-day use
 - Provision of spaces to the east and south of the stadium (between the SFS and SCG) to facilitate future precinct connections to Fox Studios and Entertainment Quarter
 - Extend the language of Moore Park through the SFS through increased soft landscaping and planting

Green spaces greened, and built spaces revitalised

- Encouraging public transport use through a green travel plan and support the future removal of surface parking on Moore Park East
- Provision of the accessible public domain spaces along the southern and eastern edge of the site to deliver future links, will support the revitalisation of built spaces including Entertainment Quarter (EQ) and Fox Studios

Primary movement structure characterised by avenue tree planting and intersected by hubs of activity

- New pedestrian path connection from Tibby Cotter Bridge to Driver Avenue
- New tree-lined pedestrian paths through the site

Moore Park’s multi-layered history celebrated through adaptive re-use and interpretation

- Integration of interpretative elements within the public domain which highlight the site’s indigenous history, Busby’s Bore and its sporting history

Greater integration between the precinct and surrounds for pedestrians and cyclists

- Response:
- New pedestrian route through the project site from Moore Park Road to Driver Avenue that will facilitate day-to-day movement
 - Provide the first public domain spaces which will support the future delivery of two key movement axes outlined within the masterplan:
 - east/west from Moore Park to Fox Studios
 - north/south from Moore Park Road to Entertainment Quarter
 - The SFS redevelopment will consider the delivery of a new separated cycleway along Moore Park Road and locates bicycle parking along that boundary to complement the delivery of that infrastructure

World-class entertainment precinct with dynamic indoor and outdoor interconnected event spaces and multiple entry points

- The new state-of-the art stadium will continue to support historically significant role of high quality sports within the precinct and provide a series of public domain spaces capable of supporting complementary community and fan events
- Removal of existing fencing around the venue will provide a series of new public domain spaces accessible day-to-day. These spaces will be connected to Moore Park east through the new Driver Avenue entrance
- Provision of new universally accessible entry points off Moore Park Road to support the inclusiveness, vibrancy and dynamism of events and entertainment within the precinct

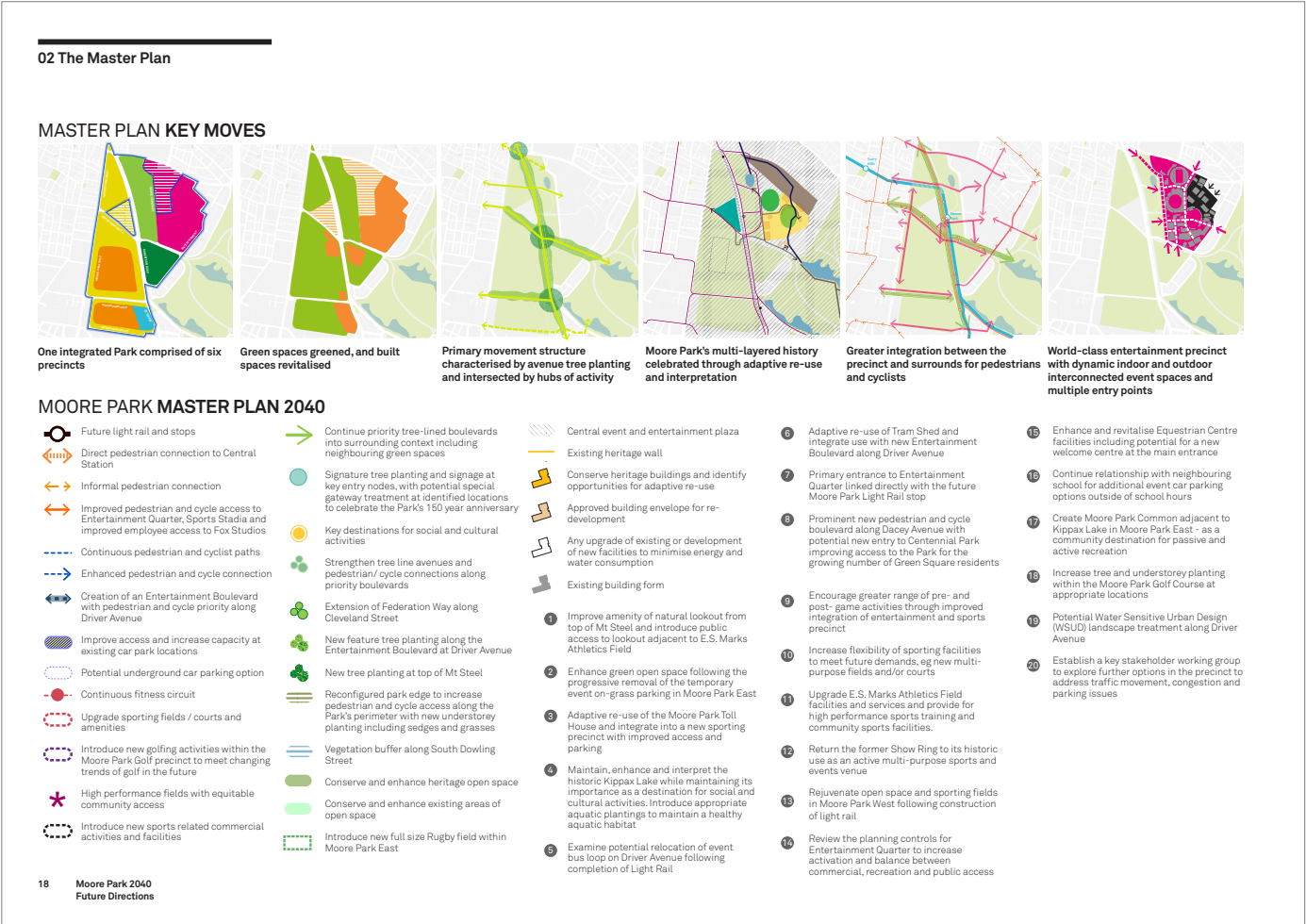


Figure 03: Moore Park Master Plan 2040 - Excerpt p18

Moore Park Masterplan 2040



1.2 Sydney Football Stadium Design Overview

The proposed Sydney Football Stadium has been designed by Cox Architecture.

Bulk and Scale

- The functional requirements of the stadium have been accommodated within the built form envelope set out in the Stage 1 DA.
- The design nestles the stadium into the precinct's terrain, reducing the impact of the built form within its parkland setting. An additional reduction of scale has occurred along Moore Park Road, with the proposed roof line reduced by 1m from the existing stadium roof line.
 - Comfortable human-scaled spaces are provided around the podium level of the stadium using suitably positioned awnings to provide weather protection and appropriately scales opening into the stadium.

The Facade

- The design creates a sculptural ribbon facade which blends the best aspects of technology, engineering and art, while respectfully recognising the previous stadium. The crafted facade has been design from the “outside-in” allowing it to change materiality in direct response to its immediate context.
- The ribbon of louvres offers a bronze veil that opens to accentuate public space. This permeability whilst offering curated views and vistas into and from the new building, reduces the visual mass, stadium volume and connects visitors to the energy within
 - As a stadium in the park, the design draws green landscape elements deep into the precinct and up into the fabric of the building, showcased in premium outdoor terraces and hanging gardens that cascade down the facade of the building
 - At the podium level a recessive brick elevation allows for contextual approach to material choice, referencing its neighbours and providing appropriate respect and sensitivity with colour, texture and scale

The Roof

- The design proposes a sensitively crafted, elegant “light-weight” roof structure born from the premise of more-with-less”. This environmentally aware design requires 40% less steel to construct but also significantly reduces its profile on its historically sensitive northern and southern ends.
- A single skin of ETFE over the Diagrid and truss will maximise solar access to the pitch and minimise the requirement for grow lights during autumn, winter and spring, whilst PTFE cladding over Diagrid provides a consistent warm filtered light through the roof canopy, perfect for spectator ambience
 - The proposed roof design integrates photovoltaic cells to the north,east and west portion of the roof to generate enough power to augment daytime stadium power usage and achieve LEED gold requirements for the building
 - Sports lighting to accommodate a range of sporting and event activities within the venue will be provided to suit international standards. This sports lights will be deliberately and specifically focussed on the pitch to limit the light spill to neighbouring residents. LED lights will be used which will incorporate feature lighting for branding opportunities and house lighting while also providing instant strike functions

Key	
1.	ETFE in northern portion of roof
2.	PTFE roof
3.	Driver Avenue Terraces
4.	Upper level terraces and hanging gardens
5.	Bronze aluminium louvres across building facade
6.	Shared SCG and SFS concourse
7.	Outer concourse
8.	Multi-functional play and recreation platforms



Figure 06: Proposed Sydney Football Stadium (Source: Cox Architecture)



Figure 05: Proposed Sydney Football Stadium (Source: Cox Architecture)