

APPENDIX 4

Supplementary Landscape Statement



Barangaroo

Modification to Headland Park and Northern Cove
Supplementary Landscape Statement

September 2009

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BARANGAROO
SYDNEY
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1.0 Summary

This addendum has been prepared to respond to comments made to the Barangaroo Delivery Authority during the public exhibition of the Modification Headland Park. The Modification Headland Park was part of an application to the Department of Planning to provide a description of the proposed amendments to the design of the Barangaroo Headland Park which was previously approved as part of the Consolidated Concept Plan and Environmental Assessment (CCP).

2.0 Key Issues Raised (Public Comments)

The table below highlights key issues raised from the public in relation to the landscape design of the Headland Park and how these issues are being addressed.

No.	Issue Raised	Response
2.1	Supportive of the more natural and historically sensitive form of the headland. Supports the shape of Northern Cove.	Noted
2.2	Supportive of foreshore promenade along extent of development.	Noted
2.3	In principle support for natural landform of modified headland. Would like to see recreation and other facilities provided on the headland. Objects to the location of the car park entrance. Already an area affected by noise pollution and this will compound the matter. Concerned about the security of the car park.	<p>Headland park would cater for passive and informal recreation (eg walking, jogging). There may be potential to include organised recreation space at the top of the park adjacent to Merriman St or within the Central Public Domain.</p> <p>Other facilities may be provided subject to further investigation and detailed design.</p> <p>The car park will be designed to meet all current security standards. This will be addressed in the detailed design phase.</p>
2.4	Question adequacy of pedestrian access at northern and southern ends. No detail of disabled access to and within the site. Levels not properly resolved. Southern-eastern corner has 15% gradient therefore pedestrians from the south can only access headland park around foreshore edge. Proposal effectively severs the foreshore park into two.	Further design has been undertaken with consideration to accessible path locations and circulation. All paths will comply with mobility guidelines.
2.5	Report is misleading in that area of parkland has decreased not increased. Northern Cove should be not counted as useable open space. Northern Cove is illogical and bears no resemblance to previous water bodies.	<p>The area of public open space (on land) in the amended design is approximately equal to that in the approved plan.</p> <p>The size of the Northern Cove has increased.</p> <p>The Northern Cove helps to recreate the natural shoreline of the headland and provides a transition from the naturalistic shaped headland to the regularly shaped Central Public Domain.</p>

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2.6	Proposal ignores dramatic scale and material quality of the cut sandstone cliff which is a fundamental characteristic of the area. Landscape design risks being homogenised scattering of trees and grass.	The amended design addresses the historic sandstone cut by allowing visibility of the cut at its southern end and integrating the full height of the cut into the design of the car park. This would allow the cut to be used as a design feature and be viewed from certain spaces within the Park. The design intent is that the park is to be read as a grassed headland when viewed from the harbour and the cut would not be visible.
2.7	Significant reduction in parkland at southern end will mean that events and other civic uses will not be catered for.	There is ample space within the Headland Park, around the Northern Cove and within the Central and southern Public Domain's to cater for a variety of events and civic uses.
2.8	Proposal to raise foreshore park to front Merriman St risks turning this area into exclusive enclave. Providing for small wharf in the northern cove for use by water taxis and other watercraft will service "well-heeled" but does not facilitate access by kayakers, small rowboats etc. Original scheme made provision for breakwater and sheltered cove to facilitate access.	Raising the foreshore park to Merriman Street will allow greater access to the park. Proposal has been amended to show steps leading to the water in the Northern Cove. These steps have potential to be used for small watercraft. The option of a wharf is being considered.
2.9	Raising ground levels is artificially contrived and will cover the site's dramatic west facing sandstone which is a significant cultural symbol of city-building and working harbour. Doesn't correspond with headland geology elsewhere in Sydney Harbour	The amended design addresses the historic sandstone cut by allowing visibility of the cut at its southern end and integrating the full height of the cut into the design of the car park. This would allow the cut to be used as a design feature and be viewed from certain spaces within the Park. The design intent is that the park is to be read as a grassed headland when viewed from the harbour and the cut would not be visible.
2.10	Landscape planting – monocultural, lacking in variety. Park should provide more diverse range of park experiences.	The design has been amended and consists of greater shrub planting areas at the southern end of the Headland Park. Plant species and design will be further addressed during the detailed design phase.
2.11	Steep gradients limit mobility impaired people from accessing much of the park.	Further design has been undertaken with consideration to accessible path locations and circulation. All paths will comply with mobility guidelines.

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2.12	Park design very steep and grassed – this design is alien and not in keeping with other headlands. Suggest Mrs Macquarie's Chair good example.	The design intent is for the park to mainly consist of grassy slopes with scattered trees. This bears some resemblance to Mrs Macquarie's Chair, however being slightly different allows Barangaroo Headland Park to develop its own identity.
2.13	In principle support for headland modification. Would like to see more park facilities included. Trucks should not enter from residential streets of Dalgety/Towns Place.	Other facilities may be provided subject to further investigation and detailed design.
2.14	The proposal will isolate the headland from the commercial component of the development.	<p>The design has been amended to allow a greater area of public promenade space between the Northern Cove and Hickson Road allowing better access to the Headland Park.</p> <p>It is intended that the Headland Park is separated from the development precinct to the south as the Central and Southern Public Domains offer open space directly adjacent to this area.</p>

3.0 Key Issues Raised (Stakeholder Comments)

The table below highlights key issues raised from stakeholders in relation to the landscape design of the Headland Park and how these issues are being addressed.

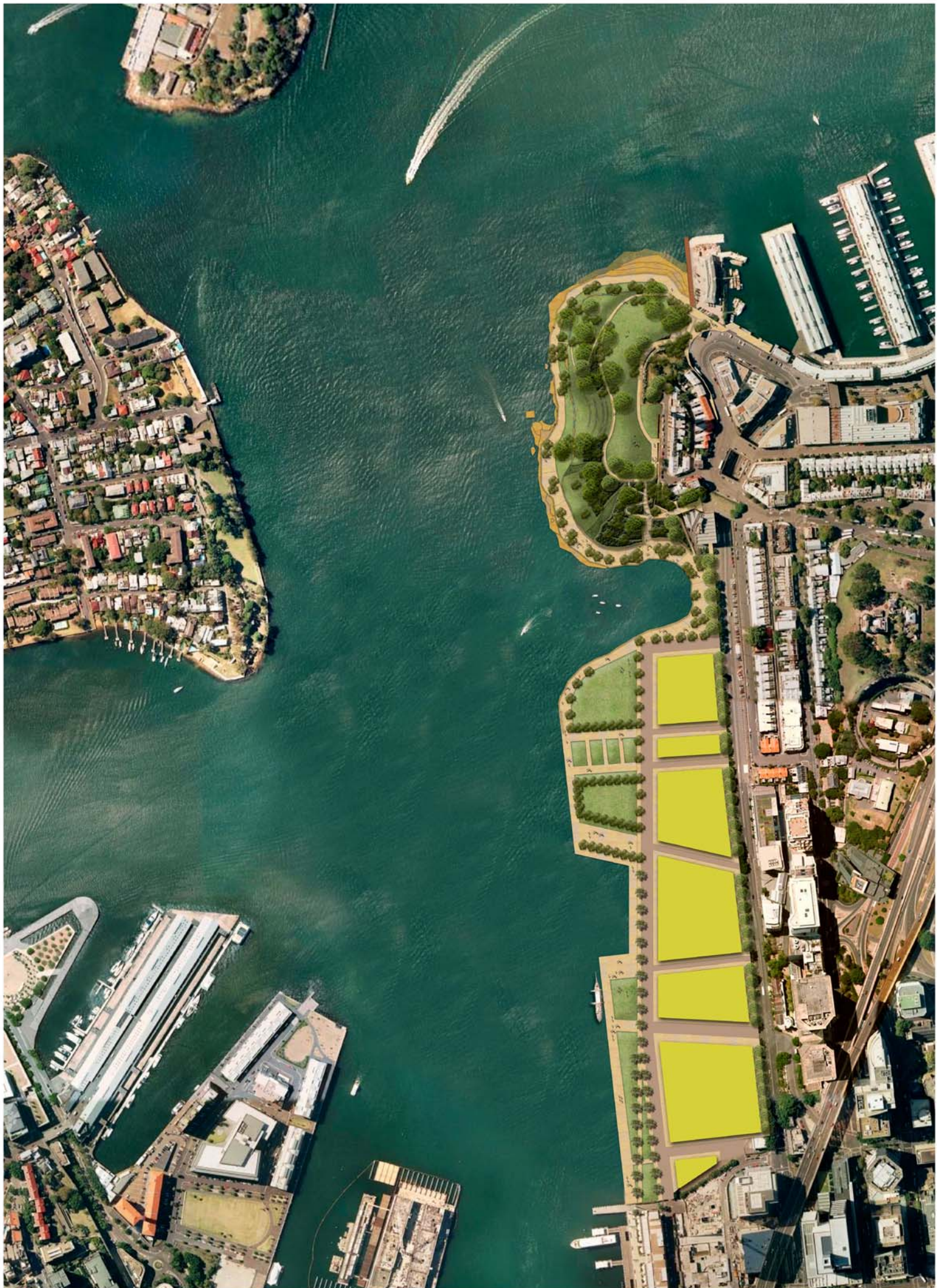
No.	Issue Raised	Response
3.1	Proposed reconstruction does not reflect original landform. Suggests series of modifications to headland design, shown graphically.	The design is an interpretation of the original landform. It is not intended to match the exact shape of the original landform.
3.2	Moore's Wharf needs to be secured either by solid fence or otherwise.	This issue would be addressed in the detailed design phase.
3.3	Proposed new ferry hub likely to increase pedestrian traffic along the foreshore. High quality shared pedestrian/cycle path will be required.	The foreshore path will be a minimum of 8 metres wide and become wider in areas of high activity. This would provide ample width for pedestrian and cycle use.
3.4	Need for a detailed design of the Harbour Park to be considered holistically with remainder of public domain design. Public domain plan should be prepared with retail strategy which considers how space can be activated and people move through it. Master urban designer/landscape architect should be appointed to oversee this.	Refer discussion in Section 2.5 of Preferred Project Report.
3.5	Need to be careful that Harbour Parkland doesn't become dislocated and isolated from remainder of Barangaroo.	<p>The design has been amended to allow a greater area of public open space between the Northern Cove and Hickson Road allowing better access to the Headland Park.</p> <p>The Headland Park is designed to perform a different function to the remainder of the Barangaroo development. Physically separating the park by the Northern Cove helps to distinguish it as recreational parklands.</p>
3.6	Pinch point at southern side of northern cove is "uncomfortable" and out of character with surrounding parklands. Wider section in this area would provide for improved, more free flowing connection between north and south.	The design has been amended to allow a greater area of public promenade space between the Northern Cove and Hickson Road allowing better access to the Headland Park.

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3.7	Rationale for network of paths and tree planting is not clear. Assume further detailed design is required. Detailed design phase should consider opportunities related to landform, terracing and levels.	Further design has been undertaken with consideration to levels within the park, path and tree locations. Design development will continue.
3.8	Headland Park needs to include active public uses including interactive public buildings.	Other facilities may be provided subject to further investigation and detailed design.
3.9	Because of length of foreshore promenade there is a need to create a variety and diversity in the treatment of the water's edge, including urban beach concept.	The edge treatment to the Headland Park has been designed to be a continuous sandstone seawall. Diversity in treatment will come with a timber edge to Moores Wharf to the north, the creation of water steps within the Northern Cove and a change in edge treatment to the Central Public Domain area to the south.
3.10	Interface between northern headland and surrounding public domain is not clear however proposal to raise landform to meet street level at Merriman St is supported.	The design has been amended to allow a greater area of public promenade space between the Northern Cove and Hickson Road allowing better access between the Central Public Domain and the Headland Park. Further design has been undertaken with consideration to pathways within the park and links to adjacent areas.
3.11	Need to provide opportunities for accessible travel from drop off points on Merriman St and foreshore promenade.	Further design has been undertaken with consideration to providing an accessible network of pathways.
3.12	Opportunity to activate Merriman St by providing park facilities, tourism or cultural uses should be explored, including partially burying structures within landform and below street level along western side of street.	The design has been amended to include sunken gardens adjacent to Merriman St. Other facilities may be provided subject to further investigation and detailed design.
3.13	Concerns about clarity and character of the Central Public domain, interface with built form etc. Need further detail about how this interface will work.	Detail design of the Central Public Domain along with the interface between the built form and the public domain will be further developed during the project's design phase.
3.14	Unclear how Globe St axis continues to the north, particularly because of proposed topography.	Globe St terminates at the Northern Cove, however, the alignment of Globe St is used to located elements within the landscape of the Headland Park to create an axis with focal points and view lines.

3.15	Concern about landscape character and use of large areas of parkland between Southern and Northern Coves. Further analysis required regarding appropriate use, connectivity and recreational demand for these areas.	The area of the Central Public Domain is designed to provide open space adjacent to the Barangaroo development blocks and along the harbour's edge. The area would be used for passive and active recreation, events and a foreshore promenade. The area is subject to ongoing design development.
3.16	Removal of part of Block 7 will result in significant loss of residential floorspace which will reduce potential for activation of public domain.	The removal of part of Block 7 allows for the parkland to stretch to Hickson Road, providing greater access to the public open space. It also allows a greater area of public promenade space between the Northern Cove and Hickson Road allowing better access between the Central Public Domain and the Headland Park.

4.0 Plans





Design Developed Profile (Preferred for Lodgement) Rev D



Approximate Area: 52,311m²

0 50 100m

Barangaroo Headland Park - August 2009

BARANGAROO
SYDNEY
AUSTRALIA



Existing Site



Publicly Exhibited Profile

Approximate Area: 57,096m²

- Existing Site
- Approved Concept Plan
- 1836 Historic



Design Developed Profile (Preferred for Lodgement) Rev D

Approximate Area: 52,311m²

- 1836 Historic
- Indicative Structure Below Water Line

