

Barangaroo Reserve

“Barangaroo Reserve will provide space for recreation, expression, celebration, and community. It will feature bush walks, grassed areas, lookouts, walking and cycle paths, and a new harbour cove. It will also feature unique tidal rock pools created from sandstone excavated directly from the Barangaroo site, offering the closest connection to Sydney Harbour that any foreshore park ever has.” (Barangaroo Delivery Authority 2013)

Key features: Restored historic shoreline and removal of industrial debris

Location: Barangaroo Point, Sydney, New South Wales, Australia

Lead entity: Government of New South Wales (owned),
Barangaroo Delivery Authority (managed)

Status: Completed

Cost: ~\$250 million (Clift 2015)

Size: 14 acres



Figure 1, Barangaroo reserve overview.

1.1 CONSTRUCTING BARANGAROO RESERVE

Barangaroo point was once home to a shipping container yard with no public access before it was transformed into Barangaroo Reserve, a natural area modeled after a pre-1836 headland. Barangaroo Reserve provides public recreation, as well as habitat for avian species and marine organisms. (PWP 2015)

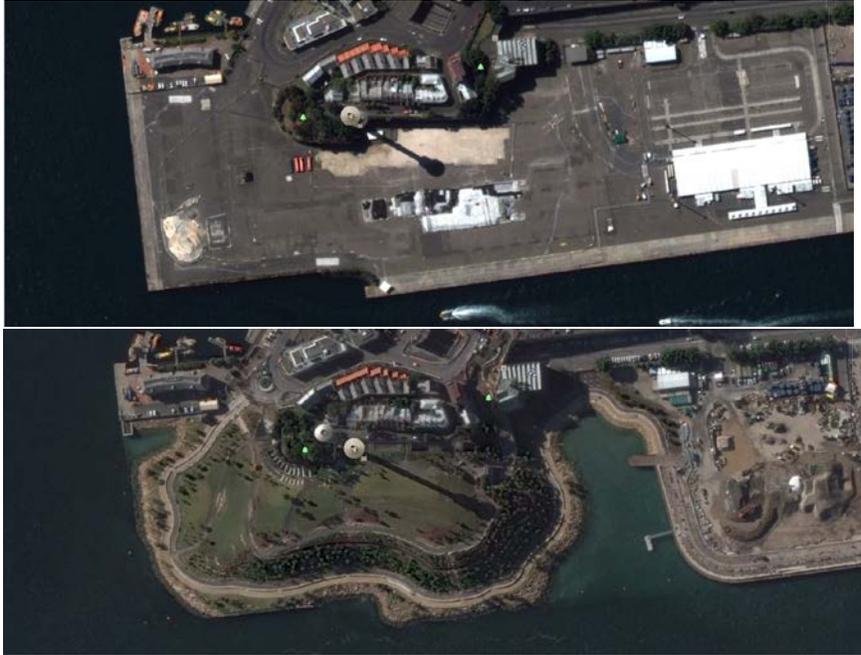


Figure 2: Barangaroo Reserve before (top, September 8, 2012) and after (bottom, July 14, 2015) construction.

10,000 sandstone blocks were extracted from the site and placed around the margins of Barangaroo Reserve. Water jetting was used to soften the block edges and provide a more natural surface. The stepped arrangement of these blocks provides tide pools and substrate for marine life, while also providing easy access for visitors to connect with Sydney Harbor and the marine life therein. (PWP 2015)



Figure 3, Sandstone blocks were extracted from on-site, weathered using water jetting, and placed around the margins of Barangaroo Reserve.

Native vegetation was exclusively used at Barangaroo Reserve. Three tiers of vegetation created from 75,000 plantings of 83 different species provide shade, carbon sequestration, and habitat for wildlife. (Barangaroo Delivery Authority 2013)

1.2 WALKING PATHS AND THE “CUTAWAY”

Three different paths provide space for cyclists and walkers alike. The foreshore promenade provides separate pedestrian and bicycle paths with access to the harbor, while the bush walk and upper bluff provide more secluded walking paths. (PWP 2015)

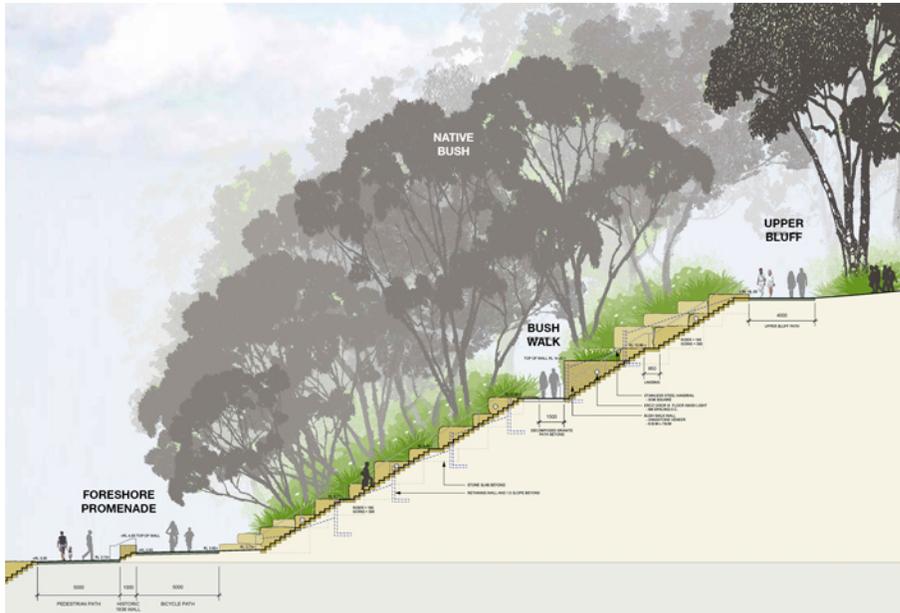


Figure 4, Tiered paths at Barangaroo.

The cutaway at Barangaroo Reserve is a large underground cultural space that also includes a parking garage. This space will be used for community events and festivals. Natural light is used extensively through the installation of skylights. (Barangaroo Delivery Authority 2013)



Figure 5, The Cutaway provides a versatile underground entertainment space.

References

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Figure References

- Figure 1: Barangaroo Delivery Authority. *Barangaroo Reserve*. Digital Image. Architecture AU. August 21, 2015. Web. September 3, 2015. <<http://architectureau.com/articles/barangaroo-reserve-opens-to-public/>>.
- Figure 2: "Barangaroo Point." 33°51'27.75" S and 151°12'04.71" W. Google Earth. September 8, 2012 and July 14, 2015. Web. September 3, 2015.
- Figure 3: PWP Landscape Architecture. *Shoreline 1*. Digital Image. PWP Landscape Architecture. 2015. Web. September 2, 2015. <<http://www.pwpla.com/7187>>.
- Figure 4: PWP Landscape Architecture. *Bush Walk + Upper Bluff 2*. Digital Image. PWP Landscape Architecture. 2015. Web. September 2, 2015. <<http://www.pwpla.com/7187>>.
- Figure 5: Barangaroo Delivery Authority. *Cutaway*. Digital Image. Barangaroo. 2013. Web. September 3, 2015. <<http://www.barangaroo.com/discover-barangaroo/barangaroo-reserve/the-cutaway.aspx>>.

Image References

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