



Overview

Welcome to the Barangaroo Construction Update, a regular newsletter about upcoming construction works across the Barangaroo site.

In June/July 2011, works on the Headland Park, including construction of a large 100 metre-long concrete wall and sandstone extraction will commence. This ongoing work is currently planned to continue to through to April 2012. Also, in the coming months, remediation trials are scheduled to get underway in the central area of the site and on Hickson Road. Details on these works and other activities are in this newsletter.

Review terms of reference announced and public submissions called



On Thursday 26 May, Minister Planning, Brad Hazzard announced the terms of reference for the short sharp review of Barangaroo and that it was expected to be completed in 8 weeks.

Two Victorian experts, Meredith Sussex and Shelley Penn are undertaking the review. The terms of reference are in relation to compliance with the planning approval processes relevant to the Concept Plan Modification 4, transport arrangements, Headland Park and the relocation of the cruise terminal to White Bay. [Click here for the Minister's media release.](#)

The Minister also announced the review would take public submissions. [Click here for the Minister's media release.](#) Works currently approved will continue on Barangaroo in parallel with the review.

Watch the design at work along the foreshore walk

At the northern corner of Barangaroo, the design team and early works contractor for the Headland Park are testing a range of techniques to understand the best way to shape sandstone to create a naturalistic foreshore for the park.

A large earth mound is being layered with sandstone to demonstrate what the future foreshore might look like. You can view this "prototype" and watch the designers at work from the foreshore walk

Sandstone extraction and concrete wall construction

From the end of June, sandstone will start being dug from the site (in the area below Merriman Street as indicated on the map below), and collected for use on the shoreline and landscaping in the park.

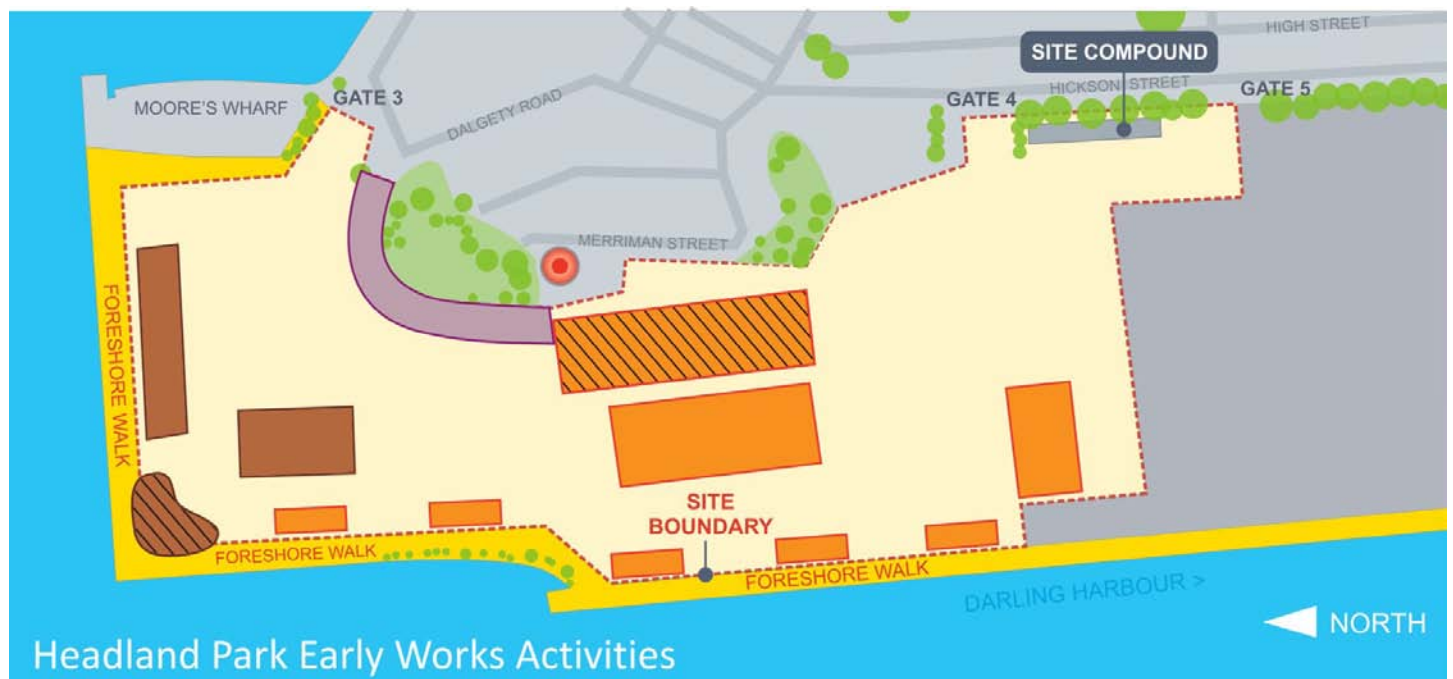
Also from the end of June, the construction of 100 metre long concrete wall will commence. The height of the wall ranges from 1 metre to 14.5 metres at its highest point. The wall will be located below Clyne Reserve (indicated below). This is a retaining wall for the receipt of fill.

The approved hours of work are from 7am to 6pm Monday to Friday and 8am to 3pm on Saturdays.

As with any construction site, construction noise is to be expected. Laing O'Rourke will conduct ongoing noise monitoring during the works and has controls and safeguards in place to ensure all work is carried out in a highly controlled and predictable manner to minimise the impact on neighbours.

Noise mitigation measures will include, but not be limited to:

- Selection of the most appropriate plant and equipment
- Use of silencing devices on machinery
- Considered placement / orientation of plant equipment Location of equipment as far as possible from residents



- REINFORCED CONCRETE WALL
- SANDSTONE EXTRACTION AREA
- SANDSTONE STOCKPILES
- SANDSTONE PROTOTYPE
- PROTOTYPE STOCKPILES

Sandstone extraction overview



The sandstone buried beneath the wharf will be dug up and then cut into shapes to form the shoreline around the park. This work will continue through to the second quarter of 2012 and includes:

- Removing the existing asphalt from the extraction area and stockpiling on site
- Excavating the sandstone
- Transporting sandstone around the site
- Cutting and water blasting the sandstone

The types of equipment that will be used include:

- Excavators
- Rock saws
- Generators
- Trucks
- Compressors
- Lighting



Concrete wall construction overview

A 100 metre long (up to 14 metres in height at its tallest point) reinforced concrete wall will be constructed to form the car park entrance at Towns Place and retain the fill for the creation of the park.

We will provide more detailed notifications as the work continues. The work will continue through to the second quarter 2012 and includes:

- Excavating footing locations and placement of steel reinforcement
- Pouring of concrete and curing
- Construction of columns, beams and roof slab

The types of equipment that will be used include:

- Excavators
- City hammers
- Rock saws
- Cranes
- Scaffolding
- Generators
- Trucks
- Compressors
- Cement trucks
- Concrete pump



Continuing activities

The archaeological survey, geotechnical investigations, vegetation removal and site establishment activities are all continuing at Barangaroo South as preparations continue for the start of construction work in the coming months.

New activities

Preparatory works are required in the roadway and verge on Hickson Road and Sussex Street, near the Napoleon Street intersection. This work involves a range of activities including accessing the existing sewer pits and work to supply power to the site, including the excavation of temporary trenches and laying of cables.

These activities are being carried out between 7 am and 6 pm Monday to Friday and between 7 am and 6 pm on Saturdays.

Traffic conditions on Hickson Road

To ensure a safe environment for the community and workers, traffic controls will be in place while any activities are carried out on Hickson Road. The SISCO trial will also involve realigning some sections of Hickson

Road (see below for more information). We aim to keep disruption to a minimum while works are underway and will ensure that vehicle and pedestrian access along Hickson Road will remain open at all times while this stage of work is completed.

Reduced Car Parking on Hickson Road

Over the coming 12 months, you will also notice some changes to the car parking arrangements on Hickson Road, with some reduction in parking spaces along Hickson Road while various preparation and construction works take place.

Lend Lease and the Barangaroo Delivery Authority will provide as much notice as possible about these changes, including signage where required.

Specifically, a number of parking spaces on Hickson Road near the Napoleon Street intersection will be temporarily unavailable until July while the infrastructure work referred to earlier takes place.

We appreciate your co-operation while this work is carried out and will do all we can to keep restrictions to a minimum over the period.

Remediation trials

As part of the plans to ensure the clean-up of historic contamination at the Barangaroo site, preparations for the commencement of the SISCO remediation trial will also commence in the coming months.

This innovative technology allows the remediation of certain contamination where it lies beneath the ground (in-situ), rather than the traditional excavation method. The trial involves testing this technology on a small part of the site, to confirm its feasibility and to optimise its design for any potential future, larger-scale use.



Initial set up activities for the trial involve the establishment of a worksite within the Barangaroo South boundary, and a second secure worksite on the eastern side of the Hickson Road, temporarily occupying a section of the roadway and footpath (see image). A temporary trench will also need to be excavated across Hickson Road for the equipment required for the trial.

The SISCO Pilot Trials are expected to run for approximately 6 months. Further details will be sent to you closer to the start of the trials.