



Integrated Management System

Planning Approval Consistency Assessment Form

SM ES-FT-414

Sydney Metro Integrated Management System (IMS)

Assessment Name:	Barangaroo Additional Temporary Land
Prepared by:	Pam Tummers
Prepared for:	Sydney Metro
Assessment number:	TfNSW 45
Status:	Final
Version:	0.0
Planning approval:	SSI 15_7400
Date required:	February 2021
iCentral number	SM-21-00006579

Form information – do not alter

Form number	SM ES-FT-414
Applicable to:	Sydney Metro
Document Owner:	Principal Manager, Sustainability, Environment & Planning
System Owner:	Executive Director, Safety, Sustainability & Environment
Status:	Final
Version:	2.0
Date of issue:	27 April 2018
Review date:	27 April 2019

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The Planning Approval Consistency Assessment Form should be completed in accordance with the Sydney Metro Planning Approval Consistency Assessment Procedure (SM ES-PW-314) and Sydney Metro Environmental Planning and Approval Manual (SM ES-ST-216)

1.0 Existing Approved Project

Planning approval reference details (Application/Document No. (including modifications)):

SSI15_7400 Sydney Metro City & Southwest – Chatswood to Sydenham

Mod 1 Victoria Cross Station, Artarmon Substation and minor administrative mod

Mod 2 Central Walk mod

Mod 3 Martin Place Station mod

Mod 4 Sydenham Station and Sydney Metro Trains Facility South mod

Mod 5 Blues Acoustic Shed

Mod 6 Administrative Changes

Mod 7 Administrative Changes

Mod 8 Blues Point Access Site

Date of determination:

Infrastructure Approval date 09 January 2017

Modification 1 Approval date 18 October 2017

Modification 4 Approval date 13 December 2017

Modification 2 Approval date 21 December 2017

Modification 3 Approval date 22 March 2018

Modification 5 Approval date 02 November 2018

Modification 6 Approval date 21 February 2019

Modification 7 Approval date 29 June 2020

Modification 8 Approval date 25 November 2020

Consistency Assessment Barangaroo Station (TfNSW 07 Approved 09 May 2017)

Consistency Assessment Barangaroo Temporary Additional Land (TfNSW 23 Approved 11 October 2017)

Consistency Assessment Barangaroo Additional Land (TfNSW 25 Approved 27 June 2018)

Consistency Assessment Barangaroo Extension of Use of Additional Land (TfNSW 40 Approved 21 August 2020)

Type of planning approval:

Critical State Significant Infrastructure

(Uncontrolled when printed)

Description of existing approved project you are assessing for consistency:

Section 3.2.5 of the Submissions and Preferred Infrastructure Report (SPIR) identified that the temporary occupation of construction areas at Barangaroo could have impacts on the staging of the Central Barangaroo Precinct development. To manage these impacts, the final configuration of construction activities within Central Barangaroo would be determined in consultation with the (then) Barangaroo Delivery Authority (now) iNSW, with the objective of minimising disruption to construction staging for the precinct.

Consultation consistent with the SPIR has continued with iNSW, supporting Sydney Metro’s occupancy of various parcels of land within the area under a Temporary Access Licence with general boundaries and timeframes described as follows:

- Foreshore Area SA-H2 and northern entry construction areas (SA-H3, H4, H5, H7) – TfNSW 07 until December 2022.
- Area 7 (Block 7) – TfNSW 23 until December 2022.
- Area SA-H21 – TfNSW 40 until December 2021.

These dates were the original planned dates agreed with iNSW and were primarily focused on the execution of the TSE scope of works.

Refer to **Figure 1** below for location of these general boundaries.

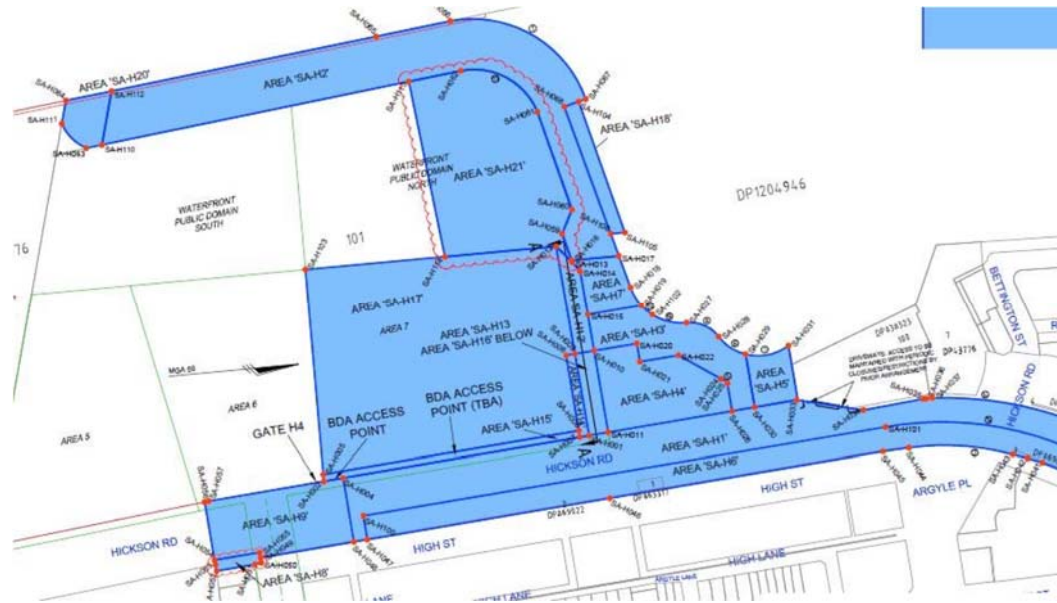


Figure 1. Boundaries of the general areas of occupancy by Sydney Metro

Relevant background information (including EA, REF, Submissions Report, Director General's Report, MCoA):
Chatswood to Sydenham Environmental Impact Statement, May 2016
Chatswood to Sydenham Submissions and Preferred Infrastructure Report, October 2016
Chatswood to Sydenham Conditions of Approval, 9 January 2017, as modified
Modifications 1-8 Modification Reports and Submission Reports
Consistency Assessment Barangaroo Station (TfNSW 07 Approved 09 May 2017)
Consistency Assessment Barangaroo Temporary Additional Land (TfNSW 23 Approved 11 October 2017)
Consistency Assessment Barangaroo Additional Land (TfNSW 25 Approved 27 June 2018)
Consistency Assessment Barangaroo Extension of Use of Additional Land (TfNSW 40 Approved 21 August 2020)

2.0 Description of proposed development/activity/works

Describe ancillary activities, duration of work, working hours, machinery, staffing levels, impacts on utilities/authorities, wastes generated or hazardous substances/dangerous goods used.

Sydney Metro has continued to work with iNSW to reduce disruption within the Central Barangaroo precinct. Through this ongoing consultation, extended access to various parcels of land for construction of the final Barangaroo Station has been agreed between iNSW and Sydney Metro. A formal Metro Interface Agreement (MIA) has been decided, with an overarching Heads of Agreement which provides access dates and options for extending access or early relinquishment, depending on the progress of adjacent construction sites (Aqualand).

iNSW have also supported inclusion of the remainder of the area labelled 'Waterfront Public Domain North' in **Figure 1** above in the MIA following Lendlease's demobilisation out of this area which they had previously occupied for construction laydown.

Appendix A includes a map of all the site areas, with remainder of the 'Waterfront Public Domain North' area designated as area SA-H23 (parcels A and B). In particular this area will be used for storage of concreting materials including reinforcement and formwork.

The current construction activities at Barangaroo Station shall not change due to the extended period of use or the addition of SA-H23 area site. Continued occupancy of the area will not affect the maintenance of public walkways within the Barangaroo area and there would be no change to the duration of work building the station (opening scheduled for 2024), working hours, machinery or staffing levels.

3.0 Timeframe

When will the proposed change take place? For how long?

Occupancy of area SA-H23 is intended to commence February 2021 for a period of 7 months.

Demobilisation dates for other areas with general boundaries and timeframes as follows:

- Foreshore Area SA-H2 until August 2021 (although targeting March/ April 2021 for opening to the public).
- Northern entry construction areas (SA-H3, H4, H5, H7) until December 2023.
- A large portion of Area 7 (Block 7) until January 2022, with a smaller portion adjacent to the station box until February 2023.
- Area SA-H21 until December 2023.

4.0 Site description

Provide a description of the site on which the proposed works are to be carried out, including, Lot and Deposited Plan details, where available. Map to be included here or as an appendix. Detail of land owner.

Barangaroo Station is located between Hickson Road and Nawi Cove / Sydney Harbour, within the suburb of Barangaroo and to the north of the Central Barangaroo development. The construction site areas are located on Lot 101, DP 1204946 which is owned by the Barangaroo Delivery Authority.

Appendix A includes a map of the site areas showing construction site staging zones (as agreed with iNSW at the date of authoring this Consistency Assessment).

5.0 Site Environmental Characteristics

Describe the environment (i.e., vegetation, nearby waterways, land use, surrounding land use), identify likely presence of protected flora/fauna and sensitive area.

The site does not contain vegetation or habitat suitable for protected species.

The waters of Sydney Harbour and Nawi Cove are adjacent to the site in the north and west (refer **Appendix A**).

To the south, the surrounding land uses are construction zones, and associated laydown and ancillary facilities for the Barangaroo Central Development

Residential properties are not directly adjacent to the site but are located on High Street to the east of the construction site, and along Hickson Road to the north.

6.0 Justification for the proposed works

Address the need for the proposed works, whether there are alternatives to the proposed works (and why these are not appropriate), and the consequences with not proceeding with the proposed work.

The SPIR requires that Sydney Metro’s construction activities within Central Barangaroo are configured in consultation with iNSW with the objective of minimising disruption to construction staging within the precinct.

The reason for extending the use of parcels of land additional to previously approved site boundaries is to assist the project in optimising construction activities goals while mitigating the risk associated with plant and pedestrian interfaces.

Progressively the area shall be handed over from TSE works to the station build contractor – both packages using the area for construction activities and laydown.

Potential consequences if access to the areas are limited include:

- Inefficient utilisation of the available real estate.
- Restricted space for material laydown and safe designated walkways away from operational crange and equipment.
- Increased risk of delays from reduced inventory of pre-cast concrete units able to be stored on the site.

7.0 Environmental Benefit

Identify whether there are environmental benefits associated with the proposed works. If so, provide details:

There are no environmental benefits with the proposed site access, although utilisation will ensure ongoing inspection and management of impacts such as stormwater, waste (litter).

8.0 Control Measures

Will a project and site specific EMP be prepared? Are appropriate control measures already identified in an existing EMP?

The works area is managed according to the JHCPBG Construction EMP and a site specific Site Environmental Plan (SEP) and Erosion and Sediment Control Plan. These will be updated to cover area SA-H3 prior to occupancy of the area.

The Barangaroo Station build contractor will continue managing following handover according to their approved plans.

9.0 Climate Change Impacts

Is the site likely to be adversely affected by the impacts of climate change? If yes, what adaptation/mitigation measures will be incorporated into the design?

Work areas are temporary and would not be impacted by climate change in the period of occupancy.

10.0 Impact Assessment – Construction

Attach supporting evidence in the Appendices if required. Make reference to the relevant Appendix if used.

Aspect	Nature and extent of impacts (negative and positive) during construction (if control measures implemented) of the proposed/activity, relative to the Approved Project	Proposed Control Measures in addition to project COA and REMMs	Minimal Impact Y/N	Endorsed	
				Y/N	Comments
Flora and fauna	No change from approved project.	No additional measures required.	Y	Y	
Water	No change from approved project.	No additional measures required.	Y	Y	
Air quality	No change from approved project.	No additional measures required.	Y	Y	
Noise vibration	The noise and vibration impacts from construction activities during use of the areas are consistent with those identified in the EIS. The equipment used would be the same, however works will be spread out over a larger area, and over the duration of the Barangaroo Station build. The additional SA-H23 area has until recently been used for similar laydown activities so there will be no change to the current land use.	No additional measures required.	Y	Y	
Indigenous heritage	No change from approved project.	No additional measures required.	Y	Y	
Non-indigenous heritage	No change from approved project.	No additional measures required.	Y	Y	
Community and stakeholder	No change from the approved project.	Ongoing community notification.	Y	Y	

(Uncontrolled when printed)

Aspect	Nature and extent of impacts (negative and positive) during construction (if control measures implemented) of the proposed/activity, relative to the Approved Project	Proposed Control Measures in addition to project COA and REMMs	Minimal Impact Y/N	Endorsed	
				Y/N	Comments
Traffic	Occupancy of the additional areas will not increase the volume of traffic. Access and egress routes will not be affected. No change from the approved project.	No additional measures required.	Y	Y	
Waste	No change from the approved project.	No additional measures required.	Y	Y	
Social	No change from the approved project.	No additional measures required.	Y	Y	
Economic	No change from the approved project.	No additional measures required.	Y	Y	
Visual	The ongoing timeframe for temporary occupation and the additional area would have visual impact however, this would be negligible visual impact beyond what was assessed in the Approved Project.	Ongoing community notification.	Y	Y	
Urban design	No change from the approved project.	No additional measures required.	Y	Y	
Geotechnical	No change from the approved project.	No additional measures required.	Y	Y	
Land use	No change from the approved project.	No additional measures required.	Y	Y	
Climate Change	No change from the approved project.	No additional measures required.	Y	Y	
Risk	No change from the approved project.	No additional measures required.	Y	Y	
Other	No change from the approved project.	No additional measures required.	Y	Y	
Management and mitigation measures	No change from the approved project.	No additional measures required.	Y	Y	

11.0 Impact Assessment – Operation

Attach supporting evidence in the Appendix if required. Make reference to the relevant Appendix if used.

Aspect	Nature and extent of impacts (negative and positive) during operation (if control measures implemented) of the proposed activity/works, relative to the Approved Project	Proposed Control Measures in addition to project COA and REMMs	Minimal Impact Y/N	Endorsed	
				Y/N	Comments
Flora and fauna	No change from the approved project.	No additional measures required.	Y	Y	
Water	No change from the approved project.	No additional measures required.	Y	Y	
Air quality	No change from the approved project.	No additional measures required.	Y	Y	
Noise vibration	No change from the approved project.	No additional measures required.	Y	Y	
Indigenous heritage	No change from the approved project.	No additional measures required.	Y	Y	
Non-indigenous heritage	No change from the approved project.	No additional measures required.	Y	Y	
Community and stakeholder	No change from the approved project.	No additional measures required.	Y	Y	
Traffic	No change from the approved project.	No additional measures required.	Y	Y	
Waste	No change from the approved project.	No additional measures required.	Y	Y	
Social	No change from the approved project.	No additional measures required.	Y	Y	
Economic	No change from the approved project.	No additional measures required.	Y	Y	

Aspect	Nature and extent of impacts (negative and positive) during operation (if control measures implemented) of the proposed activity/works, relative to the Approved Project	Proposed Control Measures in addition to project COA and REMMs	Minimal Impact Y/N	Endorsed	
				Y/N	Comments
Visual	No change from the approved project.	No additional measures required.	Y	Y	
Urban design	No change from the approved project.	No additional measures required.	Y	Y	
Geotechnical	No change from the approved project.	No additional measures required.	Y	Y	
Land use	No change from the approved project.	No additional measures required.	Y	Y	
Climate Change	No change from the approved project.	No additional measures required.	Y	Y	
Risk	No change from the approved project.	No additional measures required.	Y	Y	
Other	No change from the approved project.	No additional measures required.	Y	Y	
Management and mitigation measures	No change from the approved project.	No additional measures required.	Y	Y	

12.0 Consistency with the Approved Project

<p>Based on a review and understanding of the existing Approved Project and the proposed modifications, is there is a transformation of the Project?</p>	<p>No. The proposed additional construction land is temporary only. The project would continue to provide a new metro rail line between Chatswood and Sydenham.</p>
<p>Is the project as modified consistent with the objectives and functions of the Approved Project as a whole?</p>	<p>Yes. The proposed extension of time and additional area for staging the construction of Barangaroo Station would be consistent with the objectives and functions of the approved project.</p>
<p>Is the project as modified consistent with the objectives and functions of elements of the Approved Project?</p>	<p>Yes. The proposed extension of time and additional area for staging the construction of Barangaroo Station would be consistent with the objectives and functions of the approved project.</p>
<p>Are there any new environmental impacts as a result of the proposed works/modifications?</p>	<p>No. No new environmental impacts are anticipated as a result of the extended use or additional area for staging the construction of Barangaroo Station.</p>
<p>Is the project as modified consistent with the conditions of approval?</p>	<p>Yes. The proposed extension of time and additional area for staging the construction of Barangaroo Station would be consistent with the conditions of approval.</p>
<p>Are the impacts of the proposed activity/works known and understood?</p>	<p>Yes. The impacts of the proposed extension of time and additional area for staging the construction of are understood.</p>
<p>Are the impacts of the proposed activity/works able to be managed so as not to have an adverse impact?</p>	<p>Yes. The impacts of the proposed extension of time and additional area for staging the construction of Barangaroo Station can be managed so as to avoid an adverse impact.</p>

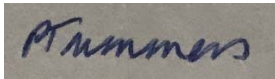
13.0 Other Environmental Approvals

Identify all other approvals required for the project:

N/A


Author certification

To be completed by person preparing checklist.


I certify that to the best of my knowledge this Consistency Checklist:			
<ul style="list-style-type: none"> Examines and takes into account the fullest extent possible all matters affecting or likely to affect the environment as a result of activities associated with the Proposed Revision; and Examines the consistency of the Proposed Revision with the Approved Project; is accurate in all material respects and does not omit any material information. 			
Name:	Pam Tummers	Signature:	
Title:	Environment & Sustainability Manager		
Company:	Sydney Metro	Date:	28-Jan-2021

Environmental Representative Review

(Additional step for City & Southwest projects only – if this is a CA against a Northwest Project or REF delete this table)


As an approved ER for the Sydney Metro City & Southwest project, I have reviewed the information provided in this assessment. I am satisfied that mitigation measures are adequate to minimise the impact of the proposed work.			
Name:	Mike Woolley	Signature:	
Title:	Environmental Representative	Date:	29 January 2021

This section is for Sydney Metro only.

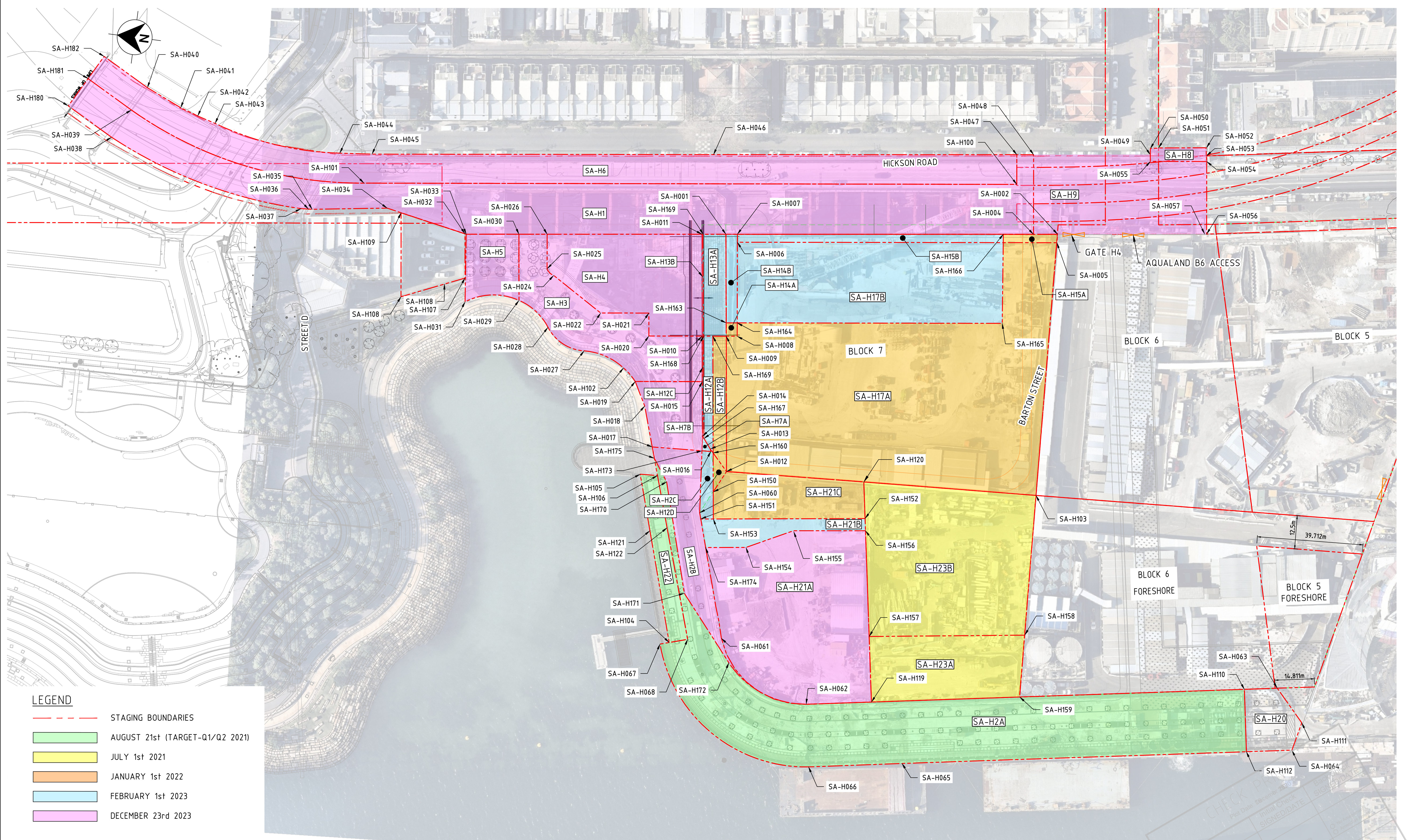
Application supported and submitted by			
Name:	Yvette Buchli	Date:	1/2/2021
Title:	Associate Director Planning Approvals	Comments:	
Signature:			

Based on the above assessment, are the impacts and scope of the proposed activity/modification consistent with the existing Approved Project?

- Yes The proposed activity/works are consistent and no further assessment is required.
- No The proposed works/activity is not consistent with the Approved Project. A modification or a new activity approval/ consent is required. Advise Project Manager of appropriate alternative planning approvals pathway to be undertaken.

Endorsed by			
Name:	Fil Cerone	Date:	3 February 2021
Title:	Director City & Southwest Environment, Sustainability & Planning	Comments:	
Signature:			

Appendix A – Metro Construction Site Staging Zones



LEGEND

- STAGING BOUNDARIES
- AUGUST 21st (TARGET-Q1/Q2 2021)
- JULY 1st 2021
- JANUARY 1st 2022
- FEBRUARY 1st 2023
- DECEMBER 23rd 2023

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DESIGN CHECK _____
APPROVED _____

WORK IN PROGRESS

BARANGAROO
INFRASTRUCTURE NSW
METRO CONSTRUCTION SITE STAGING
STAGING ZONES AND SET-OUT
PLAN

FILE No. _____ SHEET: 1 OF 2 A1
STATUS: FOR INFORMATION ONLY
DRG No. BTAS-ARU-GEN-GN-DRG-000121