



Integrated Management System

Planning Approval Consistency Assessment Form

SMCSWLWC-SYC-ATS-EM-REC-007172

Sydney Metro Integrated Management System (IMS)

Assessment Name:	Artarmon Traction Substation site power relocation
Prepared by:	Line-wide Contractor
Prepared for:	Line-wide Contract
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Form information – do not alter

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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

<p>Planning approval reference details (Application/Document No. (including modifications)): SSI 15_7400 Sydney Metro City & Southwest – Chatswood to Sydenham, as modified. Modification 1 – Relocation of Victoria Cross northern services building, additional station entry and relocation of Artarmon Substation Modification 2 – Central Walk Modification 3 – Martin Place Metro Station Modification 4 – Sydenham Station and Sydney Metro Trains Facility South Modification 5 – Blues Point acoustic shed Modification 6 – Administrative Changes Modification 7 – Modify Condition E100 Modification 8 – Blues point Access Site</p>
<p>Date of determination: SSI 15_7400 – 9 January 2017 Mod 1 – 18 October 2017 Mod 2 – 21 December 2017 Mod 3 – 22 March 2018 Mod 4 – 13 December 2017 Mod 5 – 2 November 2018 Mod 6 – 21 February 2019 Mod 7 – 24 June 2020 Mod 8 - 25 November 2020</p>
<p>Type of planning approval: Division 5.2 – Critical State Significant Infrastructure (CSSI)</p>
<p>Description of existing approved project you are assessing for consistency: The Chatswood to Sydenham (C2S) component of Sydney Metro City & Southwest comprises a new metro rail line, approximately 16 kilometres long, between Chatswood and Sydenham. New metro stations would be provided at Crows Nest, Victoria Cross, Barangaroo, Martin Place, Pitt Street and Waterloo, as well as new underground metro platforms provided at Central Station.</p>



KEY
Chatswood to Sydenham
Proposed modification site
Approved project site (EIS)
Proposed construction site area

The location of the Artarmon substation was amended through Modification 1 (Mod 1) from Butchers Lane, north of the Gore Hill Freeway, to 98-104 Reserve Road, within the Artarmon industrial area. The form of the substation would be generally consistent with the approved project, and would include an above ground building with an associated shaft to reticulate cables to the tunnels below. Figure 1-2 of the Modification Report (see left) indicates EIS and the modified site locations.

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

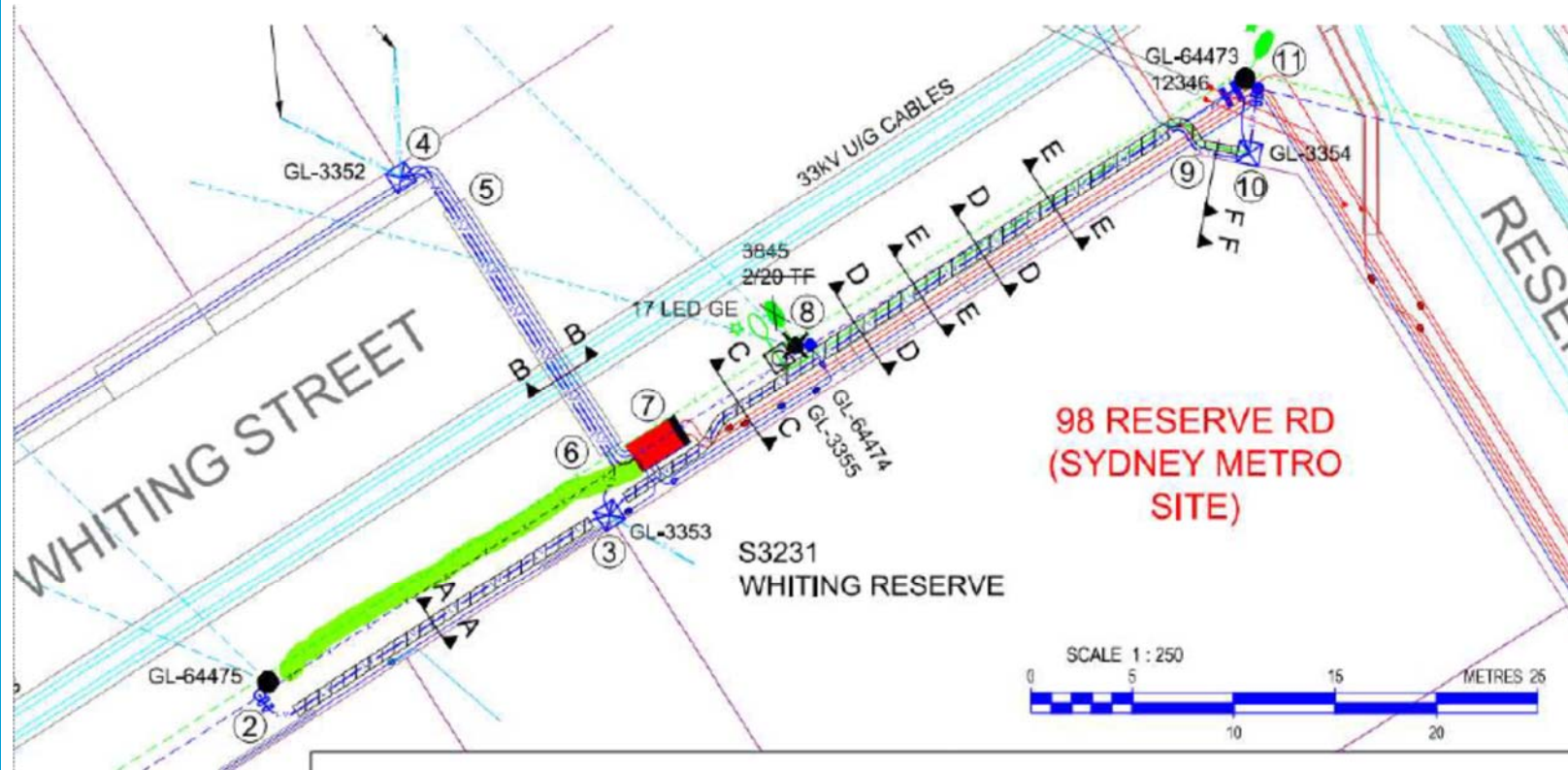
Chatswood to Sydenham Conditions of Approval, 9 January 2017, as modified

Modifications 1- Modification Report and Submission Report. All proposed works identified in this assessment would be undertaken in accordance with the mitigation measures identified in the EIS, SPIR, modification reports, submission reports and the Infrastructure Approval, as modified.

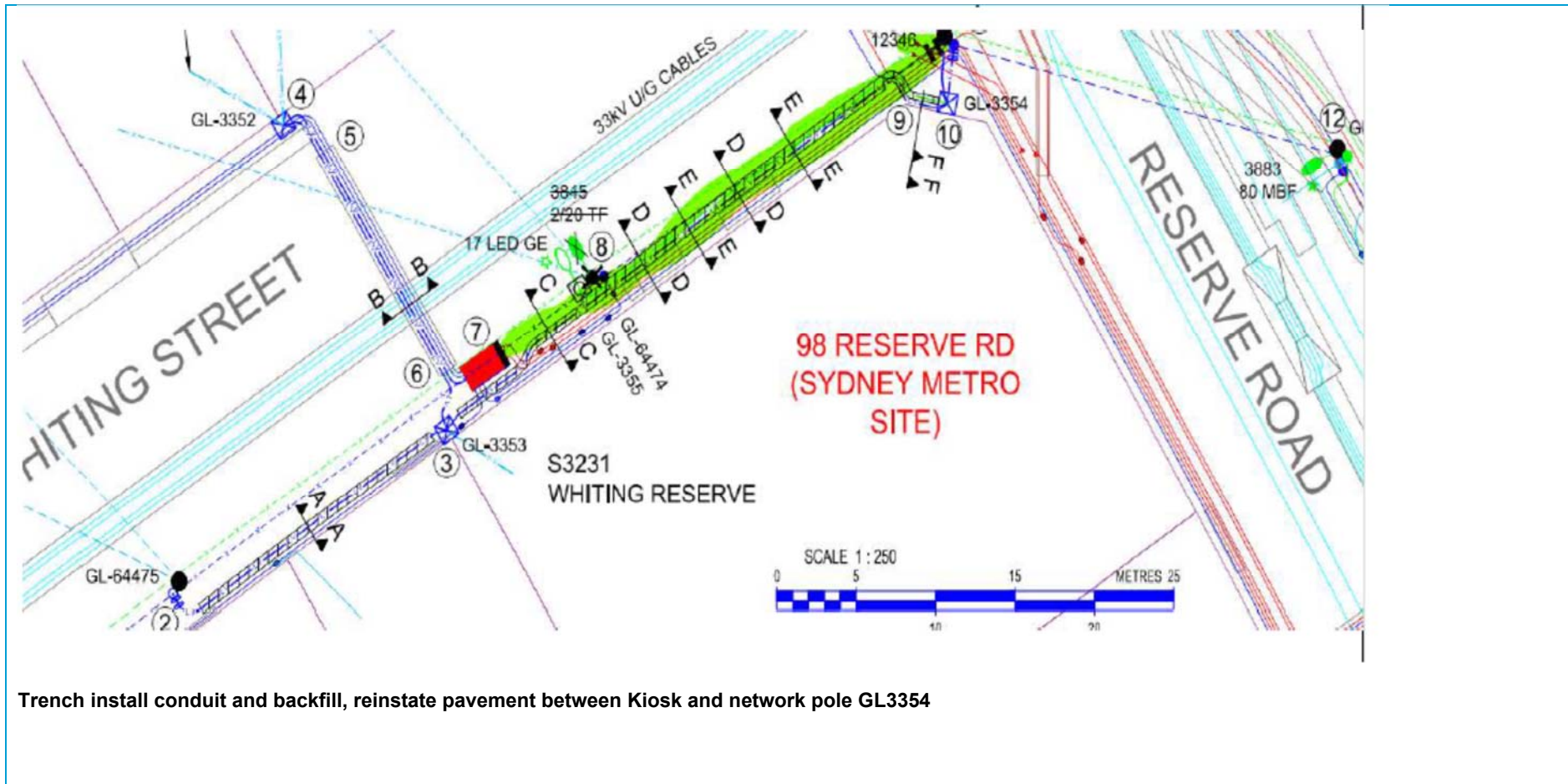
2.0 Description of proposed development/activity/works

Relocation of Overhead powerline to underground and removal of redundant services and assets.

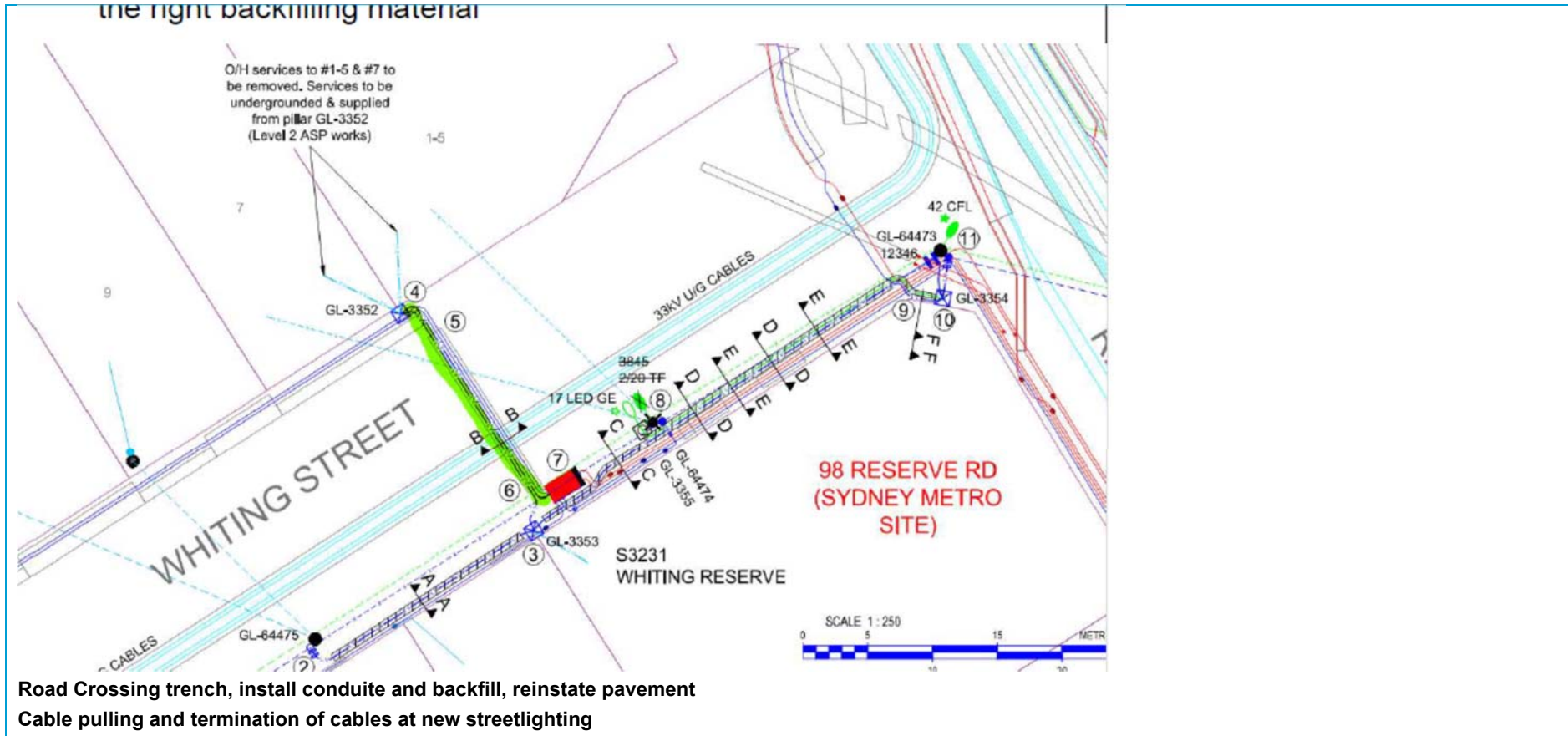
The overhead power line on Whiting street needs to be located underground to facilitate construction of the Artarmon TSS. The overhead powerline currently restricts crane access that is required for construction. The overhead lines will be relocated underground to the locations shown in the figures below .



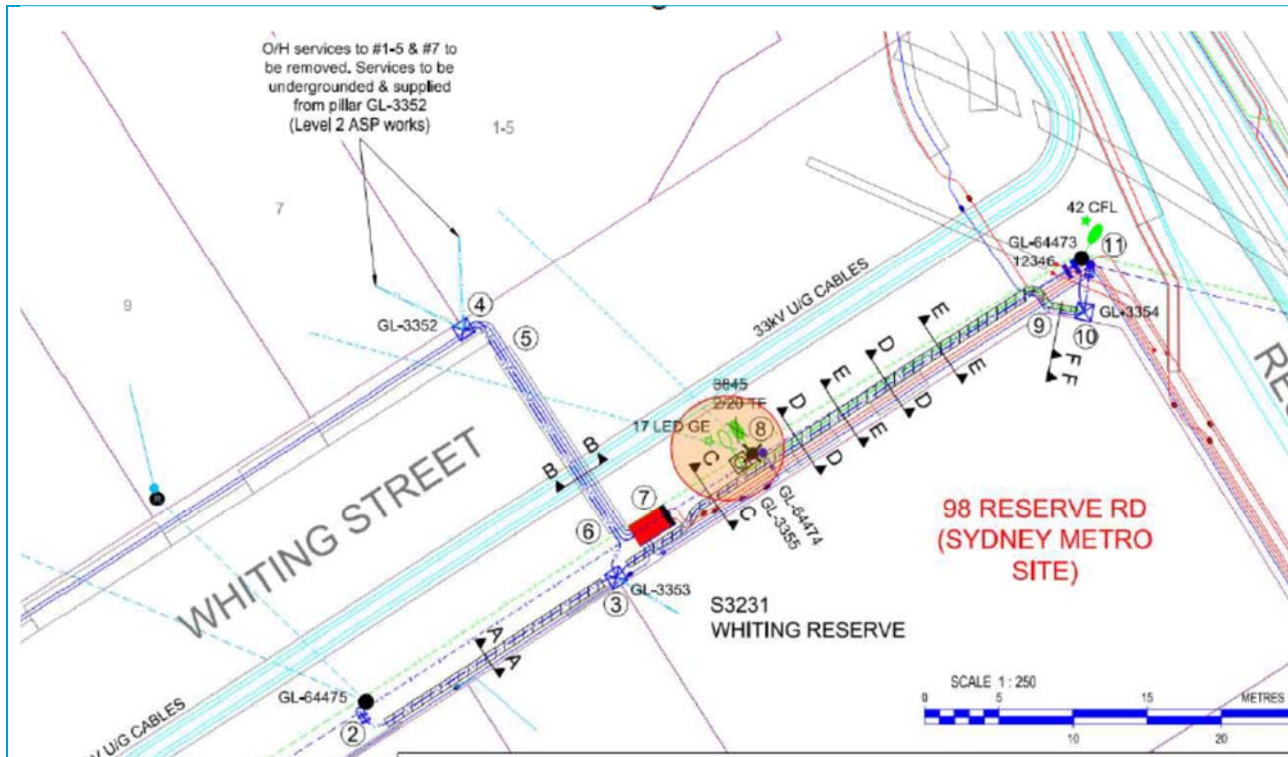
Trench, install conduit and backfill, reinstate pavement between Kiosk and network pole GL64475



Trench install conduit and backfill, reinstate pavement between Kiosk and network pole GL3354



(Uncontrolled when printed)



Terminate new network pillars and install private pole
Removal or redundant services assets and cabling

3.0 Timeframe

There is no change to the proposed duration of works overall. Works covered in this Consistency Assessment are anticipated to commence on 6 April 2021 and be completed in May 2021 with contingency to be completed by the end of Q2 2021.

4.0 Site description

Works are within Whiting street and adjacent footpath as shown in section 2.

5.0 Site Environmental Characteristics

The Site is in the industrial area of Artarmon and is surrounded by a mixture of industrial and commercial premises.

6.0 Justification for the proposed works

The works are required to facilitate construction of the Artarmon Traction Substation and to ensure power supply to surrounding business is not impacted by the works.

7.0 Environmental Benefit

Undertaking the works reduces the overall impact of construction by ensuring power supply to the site and to surrounding business.

8.0 Control Measures

Will a project and site specific EMP be prepared? Yes

Are appropriate control measures already identified in an existing EMP? Yes. The Line-wide Works contractor would be responsible for the proposed works and would ensure appropriate control measures are included in their environmental management documents. The CEMP and sub-plans have been prepared and approved by DPIE.

9.0 Climate Change Impacts

Is the site likely to be adversely affected by the impacts of climate change? No

If yes, what adaptation/mitigation measures will be incorporated into the design? Not applicable

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 the approved project.	No additional measures required.	Y	Y	
Water	The works may generate minor short term water quality impacts during trenching. The proposed works will be undertaken in accordance with the project Soil Water and Ground water Management Plan.t.	No additional measures required.	Y	Y	
Air quality	The works may generate minor short-term air quality impacts during trenching. .The proposed works will be undertaken in accordance with the project Air Quality Management Plan.	No additional measures required.	Y	Y	
Noise vibration	The proposed works would generate minor, short term noise impacts associated with the use of plant. The proposed works would be undertaken in accordance with existing noise and vibration mitigation measures and the Construction Noise and Vibration Strategy. While it is acknowledged that some sensitive receivers would be different those identified in the EIS of the approved project, the overall noise and vibration impact on the community would not change.	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	

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
Community and stakeholder	Businesses in the vicinity will be temporarily disrupted as a result of the proposed works through noise/vibration Consultation/notification will be maintained during the proposed works	No additional measures required.	Y	Y	
Traffic	Business owners, pedestrians and road users in the vicinity may be temporarily disrupted as a result of road and footpath closures. The overall impact on traffic and pedestrian access is not different, relative to the approved project. .	No additional measures required.	Y	Y	
Waste	Trenching spoil and assets will be removed from the Workfront. Waste generated from the works will be managed in accordance with the Waste management Plan. .	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	Relocation of the overhead line to underground will have permanent positive impact on the visual amenity of the streetscape)	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	

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	
Visual	Relocation of the overhead line to underground will have permanent positive impact on the visual amenity of the streetscape)	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	

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
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 works would not transform the project. The project would continue to provide a new metro rail line from Chatswood to 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 works 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 works would be consistent with the objectives and functions of the construction elements of the approved project.</p>
<p>Are there any new environmental impacts as a result of the proposed works/modifications?</p>	<p>No new environmental impacts are expected as a result of the proposed works.</p>
<p>Is the project as modified consistent with the conditions of approval?</p>	<p>Yes. The proposed works 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 works 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 works can be managed so as to avoid an adverse impact.</p>


13.0 Other Environmental Approvals

Identify all other approvals required for the project:

Not applicable


Author certification

To be completed by person preparing checklist.


<p>I certify that to the best of my knowledge this Consistency Checklist:</p> <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:	Mathew Billings	Signature:	
Title:	Environment & Sustainability Manager		
Company:	Systems Connect	Date:	24/03/2021

Environmental Representative Review

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

<p>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.</p>			
Name:	Peter Hatton	Signature:	
Title:	Environmental Representative	Date:	26/03/2021

This section is for Sydney Metro only.

<p>Application supported and submitted by</p>			
Name:	Andrew Hendy	Date:	29/03/2021
Title:	A/Senior Manager Environment	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:	1 April 2021
Title:	Director, City & Southwest, Sustainability, Environment & Planning	Comments:	
Signature:	