



# Ancillary Facility Assessment Form



<b>Assessment name:</b>	Package 4 MCL – CAN – Temporary Laydown/Storage Area at 6 Broughton Street, Canterbury
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<b>Prepared for:</b>	Sydney Metro
<b>Assessment number:</b>	AF-HSE-003
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<b>Date required:</b>	6/05/2022

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## 1. Existing Approved Project

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

SSI 8256 Sydney Metro City & Southwest – Sydenham to Bankstown (S2B)  
Mod 1 Revised station design for Bankstown Station

*Date of determination:*

Infrastructure Approval date 12 December 2018  
Modification 1 Approval date 22 October 2020

*Type of planning approval:*

Critical State Significant Infrastructure

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*Description of existing approved project:*

The Marrickville, Canterbury and Lakemba Station Upgrades (MCL) is one of the stages of the Sydenham to Bankstown upgrade (herein referred to as the Southwest Metro (SWM) Project) as described in the project's delivery strategy. The MCL upgrades to Sydney Metro standards correspond to work package No. 4 which are being undertaken by Haslin/Stephen Edwards Joint Venture (HSE JV). Upgrade works at Canterbury Station involves the following:

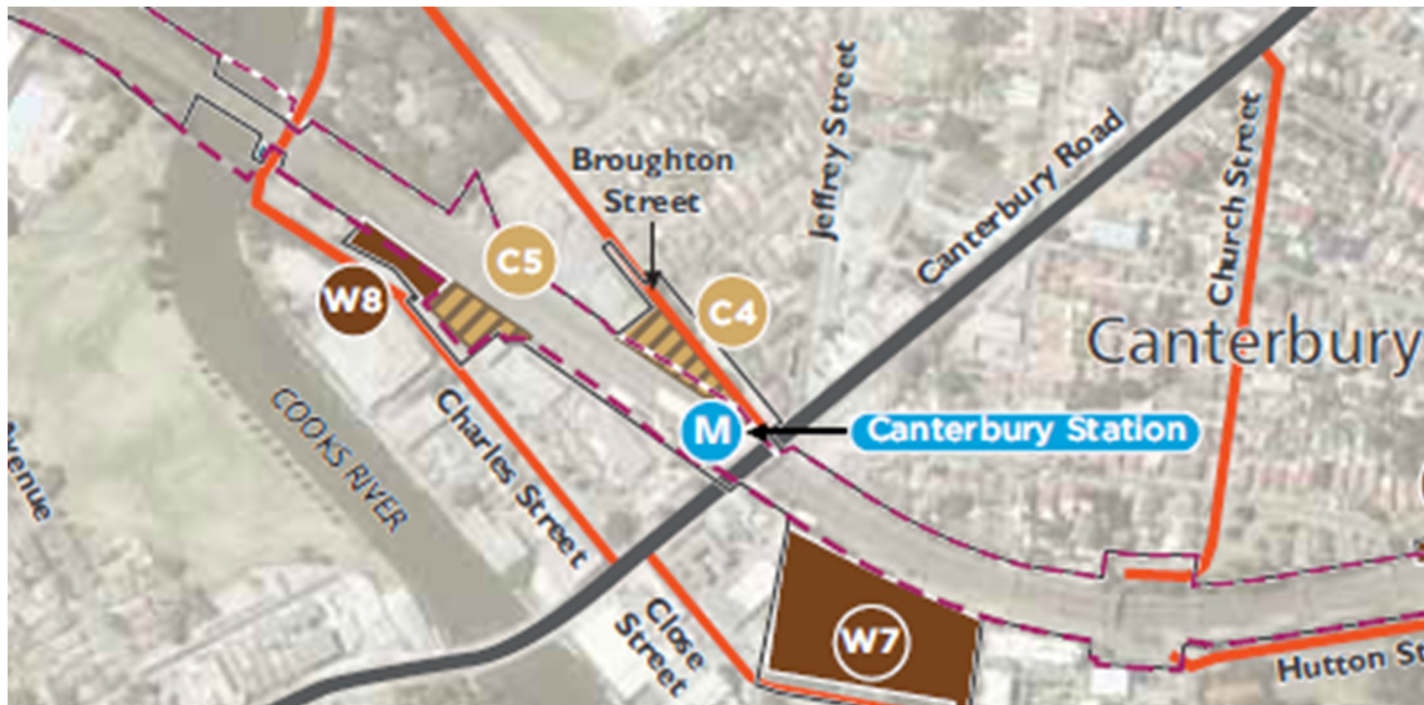
- Refurbish and repurpose rooms of existing concourse booking office, platform building 1 and 2;
- Remove existing stair & canopy to Platform 1. Provide a new lift & stair to Platform 1 including associated canopies;
- Regrade platform as per Sydney Metro's requirement and provide drainage, platform screen doors, platform edge screens and mechanical gap fillers to Platform 1 and 2;
- Provide a new lift to platform 2 including associated canopies;
- Construction of the Sydney Metro Services Building;
- Provide new security gates to concourse entry;
- New cabling and containment for LV services and lighting;
- Clad the southern side of station concourse booking office, and refurbish the building. Provide a new opening onto Canterbury Road for existing retail;
- Remove the existing planter beds to Broughton Street;
- Remove the canopy directly over the existing planter bed facing Broughton Street;
- Remove existing brick retaining wall from station concourse forecourt entry adjacent to Canterbury road;
- Provide accessible entries from both Canterbury Road and Broughton Street to station concourse;
- Replace the existing vertical protection (anti-throw) screens to the station concourse bridge;
- Renew lighting to the concourse, footbridge, platform buildings, platforms and ramp to Platform 2;
- Repair the existing booking office roof and associated stormwater system. Repaint, repoint and repair existing platform buildings;
- Replace existing balustrade on Platform 2 ramp and continue new fencing to platform building 2 with new. Resurface asphalt finish to Platform 2 ramp and contain asphalt edges with steel flat bar;
- Installation of new CSR cable route;



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- Installation of security and segregation fencing;
- Canterbury Road bridge parapet works (city and country side); and
- Replacement of existing bus shelters on Broughton Street.

The Sydenham to Bankstown Planning Approval currently assesses and permits the establishment of two site compounds at Canterbury Station to support the Construction of the Project. One location on Charles Street identified as C5 in the EIS which occupies a portion of the existing carparking area and a second portion of land near the Broughton Street and Canterbury Road intersection identified as C4 (refer to Figure below). The ancillary facility compound which is part of an existing warehouse at 6 Charles Street, Canterbury was approved by DPIE (A17 Ancillary Facility Assessment) on 13 October 2021. This proposal addresses the request for additional area at a vacant block, 6 Broughton Street, Canterbury (the site), to be used as a temporary laydown area to facilitate construction of the Canterbury Station Upgrade under the Sydenham to Bankstown upgrade project.



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### Conditions of Approval

*Condition of Approval (CoA) A16 states - Ancillary facilities that are not identified by description and location in the documents listed CoA A1 can only be established and used in each case if:*

*(a) they are located within the Construction boundary of the CSSI; and*

*(b) they are not located next to a sensitive receiver (including access roads) (unless landowners and occupiers have accepted in writing the carrying out of the relevant facility in the proposed location); and*

*(c) they have no impacts on heritage items (including areas of archaeological sensitivity), and threatened species, populations or ecological communities beyond the impacts approved under the terms of this approval; and*

*(d) the establishment and use of the facility can be carried out and managed within the outcomes set out in the terms of this approval, including in relation to environmental, social and economic impacts.*

The proposed use of the vacant block of land at the site as a temporary laydown area falls outside the construction boundary and is therefore not compliant with CoA 16(a). This therefore requires approval under CoA17. Refer to Section 4 for the approved project boundary under the EIS and details of the proposed additional temporary laydown area which is the subject of this application.

*CoA A17 states- Ancillary facilities that are not identified by description and location in the documents listed in CoA A1 and do not meet the requirements of CoA A16, can only be established and used with the approval of the Planning Secretary except where they are located within the rail corridor, in which case they may be endorsed by the ER. A review of environmental impacts must be submitted with the request for Planning Secretary's approval or ER's endorsement.*

As the proposed temporary laydown area location at the site is located outside of the rail corridor, this assessment has been prepared for submission to the Planning Secretary in accordance with CoA A17.

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*Relevant background information (including EA, REF, Submissions Report, Director General's Report, CoA):*

- Sydenham to Bankstown Environmental Impact Statement and accompanying technical papers (September 2017)
- Sydenham to Bankstown Submissions and Preferred Infrastructure Report (SPIR) (June 2018)
- Sydenham to Bankstown — Instrument of Approval (dated 12 December 2018).

All proposed works identified in this assessment would be undertaken in accordance with the mitigation measures identified in the EIS and SPIR and the Infrastructure Approval.

## 2. 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.*

This Ancillary Facility Assessment relates to the proposed occupation of the vacant lot at the site (6 Broughton Street, Canterbury) (see Section 4) as a temporary laydown area for construction materials and equipment including storage of plant.

Table 4 of the Sydenham to Bankstown Upgrade – Staging Report, Rev05 Oct 2021 provided indicative construction timeframe (subject to change) for MCL station upgrades with Construction Commencement Date starting in Q1 2021 and Construction Completion Date in Q2 2022. However, the expected construction timeframe has been extended to Q4 2022/Q1 2023.

Construction completion for this scope of works is estimated to be 31 August 2022, as confirmed by the Site Team.

It is proposed to use the temporary laydown area for storage of construction materials (e.g. pits, shoring boxes, tools and equipment and stockpiles of roadbase and backfill material) and plant from 22 December 2021 until 31 August 2022 to facilitate construction. Use of mains, solar, hybrid lighting towers (using this hierarchy) before using diesel lighting towers will be investigated for use, if feasible, during OOHW.

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Please note this laydown area will be required until 31 August 2022 and is critical for crane lifts of prefabricated station structures to facilitate completion of upcoming possession/shutdown works.

No change to project staffing levels are expected to occur as a result of the temporary laydown area.

There are no impacts on utilities/authorities.

Any waste generated on site will be disposed of in a Grasshopper skip bin. The bin will be replaced on a regular basis, as required, by Grasshopper.

No hazardous substances/dangerous goods will be stored at the site. The main storage area for fuel is at the 18 Charles Street carpark compound. Any fuel containers at 6 Broughton Street will be temporarily placed on bunding when not in use.

The vacant lot will be returned to its original state and land use when handed back to the landowner.

### 3. Timeframe

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

The vacant block of land will be used as a temporary laydown area for construction materials and plant from 22 December 2021 until 31 August 2022 to facilitate construction. Consultation has been carried out (see Appendix C) and will continue to be undertaken with the community. Licence agreement with landowner is attached in Appendix A.

### 4. 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.*



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The site is an approximately 460 m<sup>2</sup> vacant lot at 6 Broughton Street, Canterbury, 2193 (Lot 5 & Plan DP828270) (see Figure below). A license agreement has been issued to and signed by the landowner on 22 November 2021 for use of the site from 22 December 2021 to 1 April 2022 This is included in Appendix A for reference. Note that an extension was provided on 2 May and signed allowing use of the area by HSEJV until end of April 2023 (see Appendix A). Termination of the License Agreement can be made by written notification to the other, with no less than four weeks' notice.

Existing hoarding at the site will be retained and complies with project condition A20. Any graffiti on the hoarding will be removed and replaced. However, if required, existing hoarding may be removed and replaced by new temporary fencing with Sydney Metro banner mesh attached. Access to the site will be from the existing gate on 6 Broughton Street identified below.



## 5. 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 was a vacant lot which previously contained a warehouse with multi-storey apartment blocks on the adjoining properties. The site is relatively flat, with the lowest point draining to the rail corridor and the ARTC laydown area. Vegetation consists of grass noting that there are patches of bare/disturbed ground.

No natural waterways occur in the vicinity of the proposal location with the surface runoff managed through the existing road stormwater system which drains towards the ARTC laydown area and rail tracks. One stormwater pit exists on the corner of the roadway in front of the adjacent building (8 Broughton Street) and is approximately 30 m from the property. The stormwater pit will be protected with erosion and sediment controls as detailed in the revised erosion and sediment control plan (ESCP). The ESCP will be updated once DPIE approval has been granted.

The land is zoned as R4 High Density Residential. It is flanked on either side by high residential buildings being 2.99m to the north-west and 2.84m to the south-east.

## 6. 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 temporary laydown area will facilitate the craneage works over ARTC tracks. All the materials storage/laydown area/delivery of pits and shoring boxes are required to be lifted over ARTC tracks.

Given the existing overhead wires on Sydney Trains side and space constraints, this restricts the size of crane that can be mobilised by HSEJV to install the pits.

## 7. Environmental Benefit

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

- The existing rubbish and litter that currently occupies the north-east portion of the site will be cleaned up.
- Weed species will be removed from the site and appropriately disposed of.
- The location doesn't require tree removal and minimises impacts on local roads/transport.

## 8. Control Measures

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

Works will be completed under the project Construction Traffic Management Plan (CTMP), Construction Environmental Management Plan (CEMP) and sub-plans, including the Construction Noise and Vibration Management Plan (CNVMP), Construction Heritage Management Plan (CHMP), Construction Soil and Water Management Plan (CSWMP) and Overarching Community Consultation Strategy (OCCS).

A site-specific Environmental Control Map (ECM) and ESCP will be updated with mitigation measures to account for utilisation of 6 Broughton Street as a temporary laydown area.

The Project will also utilise the OCCS to manage community and stakeholder interaction and information exchange. The relevant notifications and communication will be undertaken in accordance with these plans prior to commencement of temporary laydown area establishment.

Community and stakeholder consultation via a 'Keeping You Informed' notification (see Appendix C) was letter-box dropped to adjoining neighbours on 24 November 2021 to notify of the temporary laydown area. Feedback was received from 4 Broughton Street regarding the proposal. Key issues included:

- Whether the 4 Broughton Street building is structurally unsound based on stakeholder response
- Whether vibration from works will exacerbate any existing structural issues for the building.

Further community and stakeholder consultation via OOHWA and ongoing monthly notifications will occur (see Appendix C for the May 2022 notification).

A dilapidation survey for 4 and 8 Broughton Street has been undertaken (see Appendix D for report). HSEJV will undertake the following 1) Survey markers approved to be mounted on the building to check movement; 2) Vibration monitoring is approved during works (crane pad installation under a separate Consistency Assessment approval) within the common areas of the building; and 3) Approval has been given for engagement with their structural engineer.



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## 9. 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?*

N/A – Works are minor in nature and the area would only be used only during the construction phase of works.

## 10. 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
Flora and fauna	<p>Vegetation (grass/weed) removal in the area is required as part of the preparation works for the temporary laydown area.</p> <p>The use of this area as a temporary laydown area, may decrease the potential for pests or vermin.</p>	<p>A Permit to Clear/Site Pre-Clearance Checklist will be undertaken and completed prior to degrubbing and removal of topsoil for the temporary laydown area as required.</p> <p>Any weeds will be lawfully disposed of to a licenced facility and herbicide records kept.</p> <p>Vermin controlled through waste management and removal of dumped rubbish from the site.</p>	Y

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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
Water	Use of this area as a temporary laydown area (including stockpiling) may increase the risk of mud tracking on Broughton Street and sediment running into the existing stormwater network or onto the ARTC controlled area.	<p>Ancillary facility site location will be added to the ESCP and ECM. Specific erosion and sediment controls will be considered and detailed in the ESCP. Storage/stockpiling of material (road base and backfill material) will be managed in accordance with the “Blue Book” Managing Urban Stormwater: Soils and Construction Volume 1, Landcom (2004), to prevent ‘dirty’ water runoff to the stormwater network or Cooks River This will include covering of stockpiles, placing sediment controls on the downhill slope of the stockpile, placing sediment controls along the kerb and gutter (downhill), keeping roads clean of mud tracking, and securely covering spoil loads on trucks.</p> <p>Site access will be stabilised to prevent mud tracking on local roads.</p>	Y

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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
Air quality	<p>There may be minor localised dust impacts from vehicle and material movements.</p> <p>Storage of stockpiled (road base and backfill material) material has the potential to generate small amounts of dust in and around the site. Stockpiled material stored in this location would be minimal as this area would mostly be used for material storage.</p>	<p>No additional mitigation measures would be required.</p> <p>Dust would be controlled through the CEMP measures.</p>	Y

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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
Noise vibration	<p>Works will be consistent with already approved activities as detailed in the EIS and SPIR.</p> <p>The Ancillary Facility compound extension would be used intermittently during construction and would only involve low impact activities to facilitate works at the station.</p> <p>No high impact noise works would be undertaken at this Ancillary Facility.</p> <p>The location is flanked on either side by 4 Broughton Street (2.84m to the south-east) and 8 Broughton Street (2.99m to the north-west). These receivers might experience slightly higher noise levels from plant movements within this area (when compared to existing construction works). There is a wall for the apartments lower down however no barrier exists and there is line of sight to receivers higher up.</p>	<p>The controls within the Construction Noise and Vibration Management Plan (CNVMP) address construction laydown and material storage which are considered relevant to the proposal.</p> <p>Implementation of control measures as per the CEMP and CNVMP. Any works outside of normal hours will be subject to an out of hours work approval.</p> <p>Based on stakeholder feedback received, a dilapidation survey has been offered and accepted for 4 Broughton Street.</p>	Y

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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
Aboriginal heritage	<p>Temporary use of the site as a laydown area does not go below the existing ground surface and therefore no potential to impact Aboriginal Heritage.</p> <p>Previous site use was as an old warehouse.</p> <p>The site will operate under an unexpected finds protocol should indigenous heritage be encountered.</p>	No additional mitigation measures would be required.	Y
Non-Aboriginal heritage	<p>A number of buildings within the Canterbury Station precinct surrounding these works are heritage listed, however, the use of the site will not have an impact to any known heritage items or places.</p> <p>Additionally, the temporary use of this land does not go below the ground surface and therefore there is no potential to impact Non-Aboriginal archaeology.</p>	No additional mitigation measures would be required.	Y

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<p>Community and stakeholder</p>	<p>This land use may cause minor temporary disruption to community members and stakeholders, particularly those that live adjacent to the works through noise and vibration and traffic movements. Refer to the Traffic aspect and noise and vibration aspect for further details.</p> <p>Possession lighting including lighting towers will be required. The lights will be directed away from the properties so as minimise impacts to surrounding residents.</p> <p>Support to utilise the land has been received from the landowner. See Appendix A for the signed licence agreement.</p>	<p>Community and stakeholder consultation via a 'Keeping You Informed' notification (see Appendix C) was letter-box dropped to adjoining neighbours on 24 November 2021. Feedback was received from 4 Broughton Street regarding the proposal. Key issues included:</p> <ul style="list-style-type: none"> <li>- Whether the 4 Broughton Street building is structurally unsound based on stakeholder response</li> <li>- Whether vibration from works will exacerbate any existing structural issues for the building.</li> </ul> <p>Further community and stakeholder consultation via OOHWA and ongoing monthly notifications will occur (see Appendix C for the May 2022 notification).</p> <p>No vibratory works will be undertaken as part of the scope to prepare the temporary laydown area.</p> <p>Noise blankets will be installed around lighting towers when in use to mitigate noise impacts for surrounding residents. Use of mains, solar, hybrid lighting towers (using this hierarchy) before using diesel lighting towers will be investigated for use, if feasible.</p> <p>Ongoing consultation and notification will occur as per the OCCS.</p>	<p>Y</p>
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<p>Traffic</p>	<p>Section 2.4.2 of the SPIR identifies the construction haulage route for Canterbury Station and the proposal involves a minor increase to street traffic with construction vehicles entering and egressing the temporary laydown area.</p> <p>Traffic management will be in place as per the CTMP as heavy vehicles access the site. Note, there is potential for minimal queuing while construction traffic enters and exits the site.</p> <p>There will be no impacts to buses and the turning cycle for buses will not be impacted. Traffic will be managed as per the TMP.</p> <p>Pedestrian access along Broughton Street via the footpath would be impacted during traffic movements only and would be managed by the use of traffic controllers.</p> <p>Access to surrounding private properties will be maintained during the use of the site.</p>	<p>Implementation of control measures as per the CEMP and CTMP.</p> <p>The CTMP will be updated as required to include adequate traffic management during the use of this property.</p> <p>A Traffic Control Plan (TCP) (see Appendix B) will be in place to manage vehicles (delivery trucks, etc.) entering and exiting from Broughton Street into the site.</p> <p>Toolbox talks will be undertaken to remind HSE JV workers and contractors of their obligation to be considerate of parking in the area and ideally park some distance (e.g. 100 m away) to ensure sufficient parking remains. Spreading parking throughout the neighbourhood will ensure that it is not concentrated.</p>	<p>Y</p>
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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
Waste	A skip bin, at the temporary laydown area, will be used for construction waste (i.e. generated from works happening in the adjacent rail corridor). If the waste bin at the compound area cannot be accessed, HSE JV will use the skip bin in the temporary laydown area.	No additional measures required. Implementation of control measures as per the ECM and ERSED plan.	Y
Social	As above for Community and Stakeholder.	No additional measures required.	Y
Economic	No change from approved project.	No additional measures required.	Y
Visual	<p>Properties adjacent to 6 Broughton Street, being 4 Broughton Street and 8 Broughton Street will be exposed to a change in visual aspect being the presence of plant and materials at the property. However, these receivers were already temporarily affected through the presence of construction activity nearby/in the vicinity of Canterbury Station.</p> <p>Therefore, it is considered that the visual impacts of the ancillary facility would be minor.</p> <p>In addition, the site will be cleaned up with weeds removed and would likely improve its appearance.</p> <p>Visual impacts are to be managed in accordance with the Visual Amenity Management Plan.</p> <p>Some additional properties on Broughton Street will be exposed to a change in visual aspect being the presence of the temporary laydown area, however these receivers have been considered as part of the EIS visual assessment that identifies the location as temporarily affected through the presence of construction activity.</p>	<p>Implementation of control measures as per the CEMP, VAMP and ECM.</p> <p>ATF with banner mesh, if required, will be in place and banner mesh will be as approved by Sydney Metro.</p> <p>The VAMP and ECM have been updated with the temporary laydown area location. A copy of the ECM is included in Appendix E.</p>	Y



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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
Urban design	No change from the EIS.	No additional measures required.	Y
Geotechnical	No change from the EIS.	No additional measures required.	Y
Land use	<p>The SPIR has noted that due to the constraints associated with the use of an operational rail corridor, there is a need for some additional land to be leased to allow construction.</p> <p>As such, the use of this site is considered to be consistent with the EIS and SPIR.</p>	No additional measures required.	Y
Climate Change	No change from the EIS.	No additional measures required.	Y
Risk	Ricks for this site were not captured within the EIS.	No additional measures required.	Y
Management and mitigation measures	Management and mitigation measures for this site were not captured within the EIS.	No additional measures required.	Y

## 12. Consistency with the Approved Project

<p>Based on a review and understanding of the existing Approved Project and the proposed modifications, is there a transformation of the Project?</p>	<p>No. The works would not transform the project, they will facilitate it. The project would continue to provide a new metro rail line between Sydenham and Bankstown.</p>
<p>Is the project as modified consistent with the objectives and functions of the Approved Project as a whole?</p>	<p>Yes. The 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 changes identified in this assessment are temporary (for construction only) and are 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>New environmental impacts will be introduced as part of the proposed use of the site as a temporary laydown area. All impacts are considered to be addressed by implementing approved management plans and updates to sub plans, as well as additional measures identified in Section 10.</p>
<p>Is the project as modified consistent with the conditions of approval?</p>	<p>Yes. The works would be consistent with the conditions of approval pending approval of the Ancillary Facility under A17.</p>
<p>Are the impacts of the proposed activity/works known and understood?</p>	<p>Yes. The impacts of the 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 works can be managed through existing management plans and updates to sub-plans, the ECM and ESCP so as to avoid an adverse impact.</p>

## 13. Other Environmental Approvals

Identify all other approvals required for the project:

*CoA A17 - Approval required by the Planning Secretary:*

*Ancillary facilities that are not identified by description and location in the documents listed in CoA A1 and do not meet the requirements of CoA A16, can only be established and used with the approval of the Planning Secretary except where they are located within the rail corridor, in which case they may be endorsed by the ER. A review of environmental impacts must be submitted with the request for Planning Secretary's approval or ER's endorsement.*

As the Ancillary Facility, temporary laydown area location at 6 Broughton Street, Canterbury, is located outside of the project boundary area, this assessment has been prepared for submission to the Planning Secretary in accordance with CoA A17.

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## Author certification

To be completed by person preparing checklist.

I certify that to the best of my knowledge this Ancillary Facility Assessment Checklist:

- 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:	Ryan O'Leary	Signature:	
Title:	Environment Manager		
Company:	HSEJV	Date:	5/05/2022

## Environmental Representative Review

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:	Brett McLennan	Signature:	
Title:	Environmental Representative	Date:	6 May 2022

ER notes that minor update due to extension of the lease agreement.



## Appendix A Landowner Support - Signed Licence Agreement

Date

2021

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XZ International Holding Pty Ltd 59 166 610 108

**AND**

Haslin Constructions Pty Ltd 051102124

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## LICENCE AGREEMENT

Lot 5/DP828270 – 6 Broughton Street,  
Canterbury NSW 2193

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**THIS AGREEMENT** dated 22 day of November 2021

**BETWEEN XZ International Holding Pty Ltd ABN 59 166 610 108 43** Anderson Rd Mortdale

**AND Haslin Constructions Pty Ltd ACN 051102 124** Suite 2, 2-4 Merton St SUTHERLAND NSW 2232 (Licensee)

## RECITALS

- A. The Licensor is the registered proprietor of the whole of the land comprised in title reference and known as [6 Broughton Street, Canterbury NSW 2193].
- B. The Licensor has agreed to grant the exclusive right to use, and the Licensee has agreed to take a licence of the portion of the land highlighted in red at Annexure A subject to the terms and conditions herein ("the Land").

## OPERATIVE PART

### 1. Interpretation

This agreement is governed by the laws of New South Wales and the parties submit to the non-exclusive jurisdiction of the courts of that state.

In the interpretation of this agreement:

- (a) References to legislation or provisions of legislation include changes or re-enactments of the legislation and statutory instruments and regulations issued under the legislation;
- (b) Words denoting the singular include the plural and vice versa, words denoting individuals or persons include bodies corporate and vice versa, references to documents or agreements also mean those documents or agreements as changed, novated or replaced, and words denoting one gender include all genders;
- (c) Grammatical forms of defined words or phrases have corresponding meanings;
- (d) Parties must perform their obligations on the dates and times fixed by reference to the capital city of New South Wales;
- (e) Reference to an amount of money is a reference to the amount in the lawful currency of the Commonwealth of Australia;
- (f) If the day on or by which anything is to be done is a Saturday, a Sunday or a public holiday in the place in which it is to be done, then it must be done on the next business day;



- 
- (g) References to a party are intended to bind their executors, administrators and permitted transferees; and
  - (h) Obligations under this agreement affecting more than one party bind them jointly and each of them severally.

## 2. **Licence**

- (a) The Licensor hereby grants to the Licensee the exclusive right to use at all times the Land shown on drawing at Annexure A for the period and subject to payment of the Licence fee set out in the schedule hereto.
- (b) This licence is personal to the Licensee and cannot be sub licensed, assigned, charged or the subject of any other like transaction.
- (c) The Licensor grants the Licensee the right to make connections to existing services available including water/sewer/electricity. Costs for usage of services by the Licensee will be paid in addition to the Licence fee.
- (d) The Licensee will be entitled to utilize the Land for locating site compound including sheds, storage containers, and storage of construction plant and materials.
- (e) The Licensee shall at all times keep the Land in a clean and tidy condition.
- (f) The Licensee shall at its own expense make good any damage to the Land and its immediate surrounds created through an act of, neglect, default or misconduct including but not limited to wear and tear causing damage by the Licensee or its employees, agents, or associates.
- (g) The Licensee hereby indemnifies and holds harmless the Licensor from and against all suits, actions, claims, demands, losses, damages, costs and expenses arising from the use of the Land by the Licensee, its servants, agents or invitees. The Licensor does not hold any insurance which provides cover pertaining to this agreement and the Licensee including but not limited to individuals, equipment or property. The Licensee warrants they hold sufficient insurance to cover all damage to the licensed area as well as equipment, individuals, servants, agents or invitees and declares that the Licensor is set aside from any claims or objections.
- (h) Any equipment or items within the Land shall be stored at the sole risk of the Licensee



- 
- (i) The Licensee will at all times obey and comply with any rules, regulations and by laws applicable to the Land.
  - (j) This agreement may be terminated by the Licensor upon default in payment of the licence fee or default in the performance or observance of any other covenant herein contained after failing to remedy such default within five business days following service of a notice specifying such default.
  - (k) The Licensee or Licensor may reduce the period of this agreement by written notification to the other party. Any such notification must be given by the Licensee or Licensor no less than 4 weeks prior to any revised Termination date.
  - (l) The rights hereby conferred are contractual only and do not create any estate or interest in or over the area subject of this License or any part thereof, and the rights of the Licensee shall be those of a Licensee only.
  - (l) All payments to be made by the Licensee under any relevant agreement, including, but not limited to, licence fees, are calculated without regard to GST. If GST becomes payable the Licensee will pay to the Licensor concurrently with that payment an additional amount equal to the GST subject to the Licensor providing a valid tax invoice in accordance with the legislation.

**3. Notices**

---

A notice or other communication to a party must be in writing and delivered to that party or that party's practitioner in one of the following ways:

- (a) Delivered personally; or
- (b) Posted to their address when it will be treated as having been received on the second business day after posting; or
- (c) Sent by email to their email address when it will be treated as received when it enters the recipient's information system.

**4. Counterparts**

This agreement may be executed in any number of counterparts each of which will be an original but such counterparts together will constitute one and the same instrument and the date of the agreement will be the date on which it is executed by the last party.

**5. Costs**

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Each party will pay their own costs in relation to this agreement.

---

## SCHEDULE

<b>Period</b>	Commencement date – 8 <sup>th</sup> December 2021 Termination date – 1 <sup>st</sup> April 2022
<b>Licence fee</b>	\$1.00
<b>Utilities</b>	<p>Water / sewer / power:</p> <p>Haslin Constructions will be responsible for making, removing, and making good temporary connections with existing services.</p> <p>Costs for the use of utilities will be calculated as follows:</p> <ul style="list-style-type: none"><li>• Licensor to provide quarterly invoices for 12 month period prior to the Commencement date.</li><li>• Licensor to pay actual costs for site Utilities occurring on and from the Commencement date, and finishing on the Termination Date.</li><li>• The Licensor must provide the Licensee invoices evidencing Utilities costs on and from the Commencement date. The Licensee must pay the Licensor the amount due for Utilities services within 15 Business Days of provision of an invoice.</li><li>• All invoices to the Licensee must be sent electronically cc: <a href="mailto:accounts@haslin.com.au">accounts@haslin.com.au</a></li><li>• Licensee to notify in writing when it has made any adjustments to services (e.g. connection / disconnection).</li><li>• On or prior to the Termination date the Licensee must reinstate utility services to their condition as of the Commencement Date, if required by Licensor.</li></ul>

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Execution page

SIGNED AS AN AGREEMENT

EXECUTED ON BEHALF OF  
[LICENSOR]

)  
)

  
Representative Position: Project Manager

NAME: Zhen Zhong

Witness. 

Name

Yarina Yu.

EXECUTED BY HASLIN  
CONSTRUCTIONS PTY LTD ACN  
051 102 124

)  
)

~~Director~~ Project Manager 

Name: Vitor Reis

Witness. 

Name: Joshua Ah Tong

## Annexure A

### 6 Broughton Street, Canterbury 2193– Site layout sketch





Date

2 May 2022

---

XZ International Holding Pty Ltd 59 166 610 108

AND

Haslin Constructions Pty Ltd 051102124

---

## DEED OF AMENDMENT

for

## LICENCE AGREEMENT

Lot 5/DP828270 – 6 Broughton Street,  
Canterbury NSW 2193

---

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THIS AGREEMENT dated 2<sup>nd</sup> day of May 2022

BETWEEN XZ International Holding Pty Ltd ABN 59 166 610 108 43 Anderson Rd Mortdale

AND Haslin Constructions Pty Ltd ACN 051 102 124 Suite 2, 2-4 Merton St SUTHERLAND NSW 2232 (Licensee)

(together, "Parties")

#### Background

- A. The Licensor is the registered proprietor of the whole of the land comprised in title reference and known as 6 Broughton Street, Canterbury NSW 2193 ("the Land").
- B. The Parties previously entered into an agreement ("License Agreement") for the use of the Land.
- C. This Deed of Amendment amends the License Agreement previously executed by the Parties. The purpose of this amendment is to extend the Termination date of the License Agreement.
- D. Notwithstanding the extension of the Termination date of the License Agreement, the right of the either party to reduce the period of the License Agreement by written notification to the other, with no less than four (4) weeks' notice, are not affected.

#### Amendment to License Agreement



1. Amendment to License Agreement



The "Termination date" in the Schedule to the License Agreement is amended to be 1 April 2023.

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Execution page

EXECUTED AS A DEED

<b>EXECUTED ON BEHALF OF [LICENSOR]</b>	) )
	
Representative Position: Project Manager	<b>Witness.</b> 
NAME: Zhen Zhong	Name <i>Yarina</i>

<b>EXECUTED BY HASLIN CONSTRUCTIONS PTY LTD ACN 051 102 124</b>	) )
<del>Director</del> Project Manager 	<b>Witness.</b> 
Name: Vitor Reis	Name: Joshua Ah Tong



(Uncontrolled when printed)

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## Appendix B Traffic Control Plan





**GENERAL NOTES**

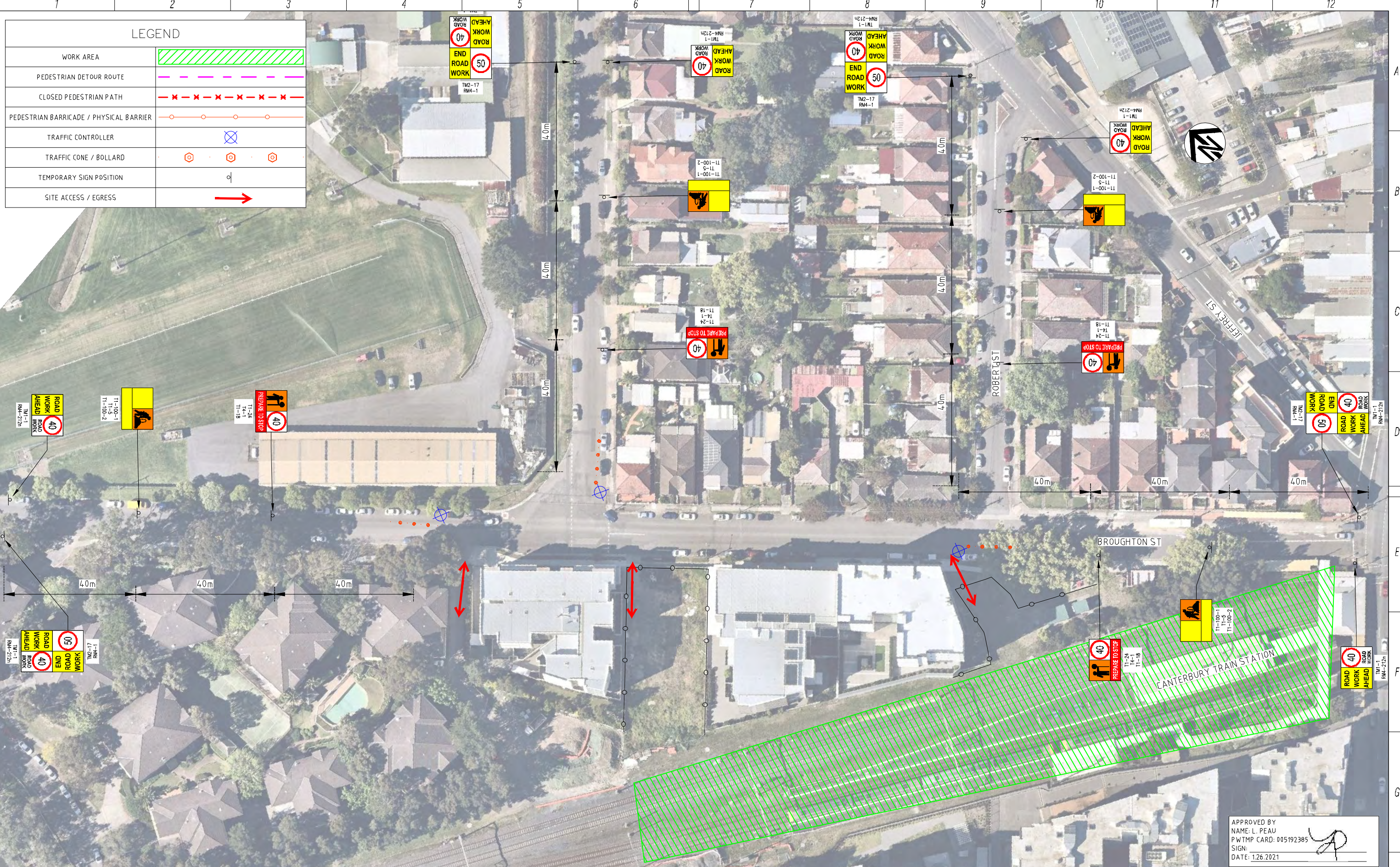
- THIS TCP HAS BEEN PREPARED IN ACCORDANCE WITH THE TCAWS MANUAL V6 2020.
- THE CONTRACTOR SHALL ENSURE ALL ROAD OCCUPANCY PERMITS AND SPEED ZONE AUTHORIZATION REQUIREMENTS ARE SATISFIED PRIOR IMPLEMENTATION OF THIS TCP.
- ANY EXISTING SIGNAGE THAT CONFLICTS WITH THIS TCP MUST BE COVERED AT THE START OF OPERATION AND UNCOVERED AT THE COMPLETION.
- THE SITE MUST COMPLY WITH THE TRAFFIC CONTROL AT WORK SITES MANUAL V6 2020 EDITION AND A.S. 1742.3
- LOCATION CHECKLIST MUST BE COMPLETED FOR ALL WORKSITES
- SIGNS TO BE POSITIONED IN ACCORDANCE WITH THE TCAWS MANUAL V6 2020.
- TRAFFIC CONTROLLERS TO BE POSITIONED WHERE THEY CAN MAINTAIN A CLEAR ESCAPE PATH.
- 30km/h SPEED RESTRICTION USED WHERE 1.5m CLEARANCE CANNOT BE ACHIEVED.
- THIS TCP USE IS LIMITED TO THAT OF HASLIN CONSTRUCTIONS AND THEIR ASSOCIATED SUBCONTRACTORS, TRAFFIC CONTROL PROVIDERS AND FOR THE PROJECT REFERENCED.

DRAWN BY: AG				HASLIN CONSTRUCTIONS - CANTERBURY STATION UPGRADE				DRAWING No: HAS-CAN-30008-P1				
DRW CHECK: AG				CANTERBURY STATION SITE ACCESS AND EGRESS				SHEET 1 OF 2				
APPROVED: AG				BROUGHTON STREET STOP/SLOW - NORTH GATE				REVISION P1				
IND REVIEW: N/A				LOCALITY PLAN								
P1	LP	17.02.20	ORIGINAL ISSUE	LP								
REV	BY	DATE	DESCRIPTION	APPD.								
COORDINATE SYSTEM:			HEIGHT DATUM:	SCALE:								



LEGEND

WORK AREA	
PEDESTRIAN DETOUR ROUTE	
CLOSED PEDESTRIAN PATH	
PEDESTRIAN BARRICADE / PHYSICAL BARRIER	
TRAFFIC CONTROLLER	
TRAFFIC CONE / BOLLARD	
TEMPORARY SIGN POSITION	
SITE ACCESS / EGRESS	



APPROVED BY  
 NAME: L. PEAU  
 PWTMP CARD: 005192385  
 SIGN:   
 DATE: 1.26.2021

REV	BY	DATE	DESCRIPTION	APPD.
P1	LP	17.02.20	ORIGINAL ISSUE	LP
COORDINATE SYSTEM:		HEIGHT DATUM:	SCALE:	

DRAWN BY:	AG
DRW CHECK:	AG
APPROVED:	AG
IND REVIEW:	N/A

DESIGNER

CLIENT

HASLIN CONSTRUCTIONS - CANTERBURY STATION UPGRADE

CANTERBURY STATION SITE ACCESS AND EGRESS  
 BROUGHTON STREET STOP/SLOW - NORTH GATE  
 TRAFFIC GUIDANCE SCHEME

DRAWING No:	HAS-CAN-30008-P1
SHEET	2 OF 2
REVISION	P1





## Appendix C Notification – ‘Keeping You Informed’



# City & Southwest

## Keeping you informed

### My contact information

Name


Email

Phone

Date

 **1800 171 386** Community information line open 24 hours

 **southwestmetro@transport.nsw.gov.au**

 **Sydney Metro City & Southwest,**  
PO Box K659, Haymarket NSW 1240

[sydneymetro.info](http://sydneymetro.info)



# City & Southwest

## Keeping you informed

### My contact information

Name

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[sydneymetro.info](http://sydneymetro.info)



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Se avete bisogno dell'ausilio di un interprete, vi preghiamo di contattare il **Servizio di Traduzione ed Interpretariato** al numero **131 450** e chiedere di chiamare **Sydney Metro** al numero **1800 612 173**. L'interprete vi assisterà nella traduzione.

আপনার, একজন দোভাষীর (ইন্টারপ্রেটার) সেবা-সাহায্য আবশ্যিক হলে, অনুগ্রহ করে **131 450** নং এ **ট্রান্সলেটিং এন্ড ইন্টারপ্রেটিং সার্ভিস** এর সাথে যোগাযোগ করুন, এবং **1800 171 386** নং এ **সিডনী মেট্রো** কে কল করতে তাদের বলুন। তখন অনুবাদ/ভাষান্তরে, দোভাষী আপনাকে সাহায্য করবে।

如果您需要翻译服务, 请致电**131 450** 翻译和口译服务, 让他们打**1800 171 386**给悉尼地铁, 翻译员然后将帮助您进行翻译。

إذا كنتم بحاجة إلى خدمات مترجم, يرجى الاتصال بخدمة الترجمة الكتابية والشفهية على الرقم **131 450** واطلبوا منهم الاتصال بمترو سيدني على الرقم **1800 171 386**. وبعد ذلك سيقوم المترجم بمساعدتكم في الترجمة.

Εάν χρειάζεστε τις υπηρεσίες διερμηνέα, παρακαλείστε να επικοινωνήσετε με την **Υπηρεσία Μεταφραστών και Διερμηνέων** στο **131 450** και ζητήστε τους να καλέσουν το **Sydney Metro** στο **1800 171 386**. Ο διερμηνέας θα σας βοηθήσει στη μετάφραση.

통역서비스가 필요하시면, 번역 및 통역 서비스 (**Translating and Interpreting Service**) 전화 **131 450** 에 연락하시어 **Sydney Metro** 전화 **1800 171 386** 에 연결해달라고 요청하십시오. 통역관이 통역을 도와 드릴 것입니다.

Nếu quý vị cần dịch vụ thông dịch viên, xin liên lạc **Dịch vụ Thông Phiên Dịch (Translating and Interpreting)** ở số **131 450** và yêu cầu gọi **Sydney Metro** ở số **1800 171 386**. Sẽ có thông dịch viên giúp cho quý vị việc thông dịch.

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หากท่านจำเป็นต้องใช้บริการล่าม โปรดติดต่อบริการแปลและล่าม **Translating and Interpreting Service** ที่ **131 450** และขอให้หน่วยงานดังกล่าวโทรหา **Sydney Metro** ที่ **1800 171 386** หลังจากนั้นล่ามจะช่วยท่านเกี่ยวกับการแปล

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## Letter - Notification 24/11/2021 1:00 PM (Australia/Sydney)

<i>Start Date</i>	24/11/2021 1:00 PM (Australia/Sydney)
<i>End Date</i>	24/11/2021 2:30 PM (Australia/Sydney)
<i>Event Type</i>	Letter - Notification
<i>Direction of Contact</i>	Outgoing
<i>Brief Summary</i>	Targetted letterbox drop to properties on Broughton St, to undertake consultation as part of the consistency assessment and proposal to use the vacant land at 6 Broughton Street.
<i>Stakeholder Sentiment</i>	*SM - Neutral
<i>Would you like this recorded as a compliment?</i>	N/A
<i>Topics raised by the Stakeholder</i>	Metro operations - Precincts & land use
<i>Stakeholder Comments or N/A</i>	Properties surrounding 6 Broughton Street were dropped a keeping you informed to advise of the proposed land use.
<i>Team Comments or N/A</i>	N/A
<i>Instead of attaching a document, you can include an iCentral or Teambinder reference number here:</i>	
<i>Stakeholders</i>	
<i>Properties</i>	G05/4 Broughton Street CANTERBURY NSW, 401/8 Broughton Street CANTERBURY NSW, 301/8 Broughton Street CANTERBURY NSW, G03/4 Broughton Street CANTERBURY NSW, 207/4 Broughton Street CANTERBURY NSW, 21 Broughton Street CANTERBURY NSW, 108/8 Broughton Street CANTERBURY NSW, 303/8 Broughton Street CANTERBURY NSW, 302/4 Broughton Street CANTERBURY NSW, 108/4 Broughton Street CANTERBURY NSW, 404/4 Broughton Street CANTERBURY NSW, 301/4 Broughton Street CANTERBURY NSW, 106/4 Broughton Street CANTERBURY NSW, 405/4 Broughton Street CANTERBURY NSW, 208/4 Broughton Street CANTERBURY NSW, G07/8 Broughton Street CANTERBURY NSW, G04/4 Broughton Street CANTERBURY NSW, 201/8 Broughton Street CANTERBURY NSW, 507/4 Broughton Street CANTERBURY NSW, 107/4 Broughton Street CANTERBURY NSW, 302/8 Broughton Street CANTERBURY NSW, G04/8 Broughton Street CANTERBURY NSW, 17

Broughton Street CANTERBURY NSW, 202/4 Broughton Street CANTERBURY NSW, 305/4 Broughton Street CANTERBURY NSW, 105/8 Broughton Street CANTERBURY NSW, G08/4 Broughton Street CANTERBURY NSW, 406/4 Broughton Street CANTERBURY NSW, 207/8 Broughton Street CANTERBURY NSW, 506/4 Broughton Street CANTERBURY NSW, 306/8 Broughton Street CANTERBURY NSW, 205/4 Broughton Street CANTERBURY NSW, 407/4 Broughton Street CANTERBURY NSW, 403/4 Broughton Street CANTERBURY NSW, 204/8 Broughton Street CANTERBURY NSW, 4 Broughton Street CANTERBURY NSW, 101/8 Broughton Street CANTERBURY NSW, 102/8 Broughton Street CANTERBURY NSW, 8 Broughton Street CANTERBURY NSW, 206/4 Broughton Street CANTERBURY NSW, 309/8 Broughton Street CANTERBURY NSW, 305/8 Broughton Street CANTERBURY NSW, 104/4 Broughton Street CANTERBURY NSW, 15 Broughton Street CANTERBURY NSW, G07/4 Broughton Street CANTERBURY NSW, G01/8 Broughton Street CANTERBURY NSW, 23 Broughton Street CANTERBURY NSW, 208/8 Broughton Street CANTERBURY NSW, 402/4 Broughton Street CANTERBURY NSW, 203/8 Broughton Street CANTERBURY NSW, 407/8 Broughton Street CANTERBURY NSW, 505/4 Broughton Street CANTERBURY NSW, 101/4 Broughton Street CANTERBURY NSW, 503/4 Broughton Street CANTERBURY NSW, 106/8 Broughton Street CANTERBURY NSW, 108/8 Broughton Street CANTERBURY NSW, 201/4 Broughton Street CANTERBURY NSW, 307/4 Broughton Street CANTERBURY NSW, 403/8 Broughton Street CANTERBURY NSW, 304/4 Broughton Street CANTERBURY NSW, 103/4 Broughton Street CANTERBURY NSW, 106/8 Broughton Street CANTERBURY NSW, G05/8 Broughton Street CANTERBURY NSW, 501/4 Broughton Street CANTERBURY NSW, 103/8 Broughton Street CANTERBURY NSW, 308/8 Broughton Street CANTERBURY NSW, 205/8 Broughton Street CANTERBURY NSW, 306/4 Broughton Street CANTERBURY NSW, 405/8 Broughton Street CANTERBURY NSW, 206/8 Broughton Street CANTERBURY NSW, 404/8 Broughton Street CANTERBURY NSW, 107/8 Broughton Street CANTERBURY NSW, 13 Broughton Street CANTERBURY NSW, 203/4 Broughton Street CANTERBURY NSW, 502/4 Broughton Street CANTERBURY NSW, G03/8 Broughton Street CANTERBURY NSW, 104/8 Broughton Street CANTERBURY NSW, 102/4 Broughton Street CANTERBURY NSW, 19 Broughton Street CANTERBURY NSW, 307/8 Broughton Street CANTERBURY NSW, 107/8 Broughton Street CANTERBURY NSW, G06/8 Broughton Street CANTERBURY NSW, 109/4 Broughton Street CANTERBURY NSW, 504/4 Broughton Street CANTERBURY NSW, G06/4 Broughton Street CANTERBURY NSW, 209/8 Broughton Street CANTERBURY NSW, 401/4 Broughton Street CANTERBURY NSW, 202/8 Broughton Street CANTERBURY NSW, 204/4 Broughton Street CANTERBURY NSW, G03/4 Broughton Street CANTERBURY NSW, G02/8 Broughton Street CANTERBURY NSW, G08/8 Broughton Street CANTERBURY NSW, 406/8 Broughton Street CANTERBURY NSW, 109/8 Broughton Street CANTERBURY NSW, 105/4 Broughton Street CANTERBURY NSW, G02/4 Broughton Street CANTERBURY NSW, G01/4 Broughton Street CANTERBURY NSW, 304/8 Broughton Street CANTERBURY NSW, 303/4 Broughton Street CANTERBURY NSW, 402/8 Broughton Street CANTERBURY NSW, 408/4 Broughton Street CANTERBURY NSW

Natalia Kuirintinus

CSW - Canterbury station

[Users](#)

[Projects](#)

## Property

*Property  
Address*

19 Broughton Street CANTERBURY NSW 2193 AUSTRALIA

*Id*

81700

## Property

*Property  
Address*

G03/4 Broughton Street CANTERBURY NSW 2193 AUSTRALIA

*Id*

79959

## Property

*Property  
Address*

108/8 Broughton Street CANTERBURY NSW 2193 AUSTRALIA

*Id*

79958

## Property

*Property  
Address*

107/8 Broughton Street CANTERBURY NSW 2193 AUSTRALIA

*Id*

79957



## Property

<i>Property Address</i>	106/8 Broughton Street CANTERBURY NSW 2193 AUSTRALIA
<i>Id</i>	79956

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52272

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52271

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52270

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52254

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## Property

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<i>Property Address</i>	205/8 Broughton Street CANTERBURY NSW 2193 AUSTRALIA
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<i>Property Address</i>	202/4 Broughton Street CANTERBURY NSW 2193 AUSTRALIA
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<i>Property Address</i>	201/4 Broughton Street CANTERBURY NSW 2193 AUSTRALIA
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<i>Property Address</i>	109/4 Broughton Street CANTERBURY NSW 2193 AUSTRALIA
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<i>Property Address</i>	108/4 Broughton Street CANTERBURY NSW 2193 AUSTRALIA
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<i>Property Address</i>	107/4 Broughton Street CANTERBURY NSW 2193 AUSTRALIA
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103/4 Broughton Street CANTERBURY NSW 2193 AUSTRALIA

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*Id*

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## Property

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13 Broughton Street CANTERBURY NSW 2193 AUSTRALIA

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32682

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32679

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21 Broughton Street CANTERBURY NSW 2193 AUSTRALIA

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32676

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G02/4 Broughton Street CANTERBURY NSW 2193 AUSTRALIA

*Id*

30943

## Notification – Canterbury

May 2022

### Sydney Metro is Australia's biggest public transport project.

Services started in May 2019 in the city's North West with a train every four minutes in the peak. Metro rail will be extended into the CBD and beyond to Bankstown in 2024. There will be new CBD metro railway stations underground at Martin Place, Pitt Street and Barangaroo and new metro platforms at Central.

In 2024, Sydney will have 31 metro railway stations and a 66 km standalone metro railway system – the biggest urban rail project in Australian history. There will be ultimate capacity for a metro train every two minutes in each direction under the Sydney city centre. The upgrade of the T3 Bankstown Line to metro standards between Sydenham and Bankstown received planning approval on 19 December 2018.

**In May, work will continue along the corridor and Canterbury station (weather and site conditions permitting).** Work will be undertaken **Monday to Friday 7am-6pm and Saturday 8am-6pm**. All work activities are subject to relevant approvals and will be tailored to the evolving Covid-19 situation at the time.

**As a result of industrial action at Sydney Trains, a range of planned activities that require power isolation along the Bankstown Line have been postponed. This work will be rescheduled for a future rail shutdown.**

Location	Details of work during standard construction hours (daytime)
Canterbury (along the rail corridor)	<ul style="list-style-type: none"> <li>• Site investigations and surveys including (but not limited to) non-destructive digging, soil assessments, geotechnical investigations and surveys for drainage, utilities, and fencing</li> <li>• Removal of trees and vegetation throughout the rail corridor where required</li> <li>• Installation of fencing, cables and cable service route work (galvanised steel troughing)</li> <li>• Delivery of construction plant and material including associated activities to prepare for upcoming work</li> <li>• Modification works to bridges along the alignment including Wairoa Street Bridge and Melford Street Bridge including temporary changes to traffic on the following streets:               <ul style="list-style-type: none"> <li>○ Temporary lane closures will continue along Wairoa Street between South Parade and East Parade for a period of four (4) weeks</li> <li>○ Temporary lane closures along Melford Street Bridge between Canberra and Hutton Streets.</li> </ul> </li> </ul>
Around Canterbury station	<ul style="list-style-type: none"> <li>• Investigations, relocating, upgrading and installing above-ground and underground services and electrical conduits, and installing protective coverings for live electrical services.</li> <li>• Renovating existing station buildings and electrical work at station office</li> <li>• Concrete work on platforms and existing platform buildings</li> <li>• Service investigation and identification along Broughton and Charles streets, and Canterbury Road</li> <li>• Concourse civil and paving work, including adjustment of Opal reader arrangement at concourse</li> <li>• Civil work on Broughton Street including kerb and gutter work and for the new bus shelters. From time to time, there will be a periodic footpath and lane closure, with signage and traffic control in place</li> <li>• Work at the metro services building on Charles Street, including excavation (and removal of excavated material), sewer work, earthwork, installation of drainage and combined services route, concreting work and installation of soil nails. From time to time, there may be a single lane closure, with traffic controls in place</li> <li>• Sewer work, earthwork and installing drainage system for the metro services building.</li> </ul>
Former Bowling Club	<ul style="list-style-type: none"> <li>• Continuing site setup activities</li> <li>• Temporary parking impacts on Close Street</li> <li>• Installation of temporary footpath at the rear of the Metro site compound.</li> </ul>
Substation site off Hutton Street	<ul style="list-style-type: none"> <li>• Site mobilisation and tree and vegetation removal where required</li> <li>• Excavation including jack hammering and rock saw cutting</li> <li>• Installation of conduits and drainage, formwork reinforcement and concrete pouring</li> <li>• Traffic changes and traffic controllers on Hutton Street to facilitate excavation and truck movements.</li> <li>• Installation of precast concrete footings and structural steel for façade.</li> <li>• Installation of switchrooms, transformers, cables and cable supports, and perimeter columns.</li> </ul>

*From time to time we may finish work later than 6pm as we complete concrete pours. This will entail finishing off poured concrete using manual and powered floats and may continue until 10pm. This may occur on up to four separate evenings during the month. The noise impact will be low.*

## Out-of-hours work

Due to the nature of some activities and for the safety of workers, some work will occur outside standard construction hours when trains are not running. Some equipment will also be delivered outside standard construction hours in line with Transport for NSW requirements for the movement of oversized vehicles. Properties in proximity to scheduled work will be notified prior to work starting. Planned out-of-hours work following the shutdown are detailed in the table below.

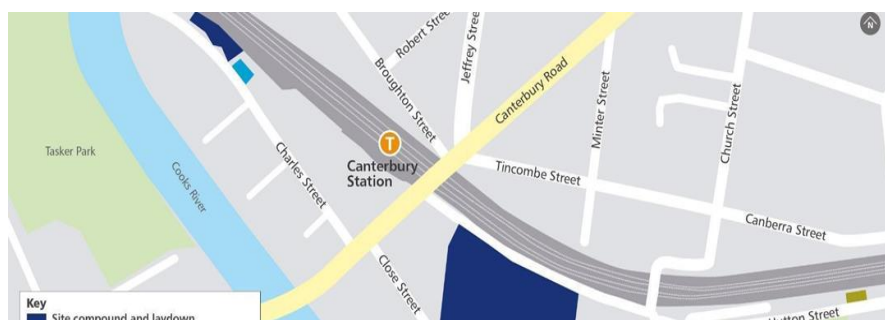
Date / time	Details of out-of-hours (including night) work
<p>Mid-week between <b>6pm and 7am</b>  <b>Monday 2 May to Friday 3 June 2022</b> (for no more than 3 nights per week)</p>	<ul style="list-style-type: none"> <li>• Installation of signal equipment and cable pulling.</li> <li>• Various site investigations and surveys including but not limited to non-destructive digging, soil assessments, geotechnical investigations and surveys for drainage, utilities, and fencing.</li> <li>• Delivery of plant and material including preparatory activities for upcoming out-of-hours work.</li> <li>• Concrete works associated with installing galvanised steel troughing, new cable routes and bridge upgrades.</li> </ul>
<p><b>Upcoming rail possessions;</b></p> <p><b>Saturday 7 May to Monday 9 May 2022</b></p> <p><b>Monday 16 May to Thursday 19 May 2022</b></p>	<ul style="list-style-type: none"> <li>• Footbridge remediation work, including installation of structural steel, roof structure and gutter</li> <li>• Replacement of existing platform stairs and installation of new customer lifts on Platform 1 and 2 <ul style="list-style-type: none"> <li>○ There will be a full road closure of Broughton Street between Canterbury Road and Robert Street will be in place from 8pm Friday 6 May to 2am Monday 9 May for facilitation of crane activities. Detour through Robert Street (local residents will be notified closer to work taking place)</li> <li>○ The existing bus stops on Broughton Street will be temporarily relocated during this time. Up to 12 car parking spots on Broughton Street (between Robert and John Street) will be unavailable, to facilitate the temporary bus stop and manouvre of oversized vehicles. Directional signage will also be in place at the affected stops to direct customers.</li> </ul> </li> <li>• Installing segregation fencing, fence footing and services (including drainage and electrical services)</li> <li>• Installing signalling equipment, cable service routes and services containment on Platforms 1 and 2 and inside the rail corridor</li> <li>• Single lane closure on Charles St for the safe entry, delivery, and removal of material in and out of the construction compound and rail corridor</li> <li>• Set up of a crane at 6 Broughton St vacant lot to facilitate the underline rail crossing work to be undertaken in the rail corridor</li> <li>• Electrical and cabling work around station precinct and on Canterbury Road, including reroute of the main power supply to station precinct</li> <li>• Modification to bridges along the alignment including temporary lane closures along Melford Street Bridge</li> <li>• Temporary closure of Church Street footbridge from midnight Saturday 7 to 2am Monday 9 May 2022. Pedestrian diversions are in place via Church Street, Tincombe Street, Canterbury Road and the public footpath between the rail corridor and the former Canterbury Bowls Club</li> <li>• Removal of trees and vegetation throughout the rail corridor where required</li> <li>• Removal of parking spaces along Canberra Street adjacent to the rail corridor.</li> </ul>

Equipment used for the above work will include heavy machinery (including but not limited to excavators, jack hammers, vacuum trucks, slashers, motorised saws, concrete trucks, elevated work platforms, concrete pumps, cranes, cable pulling equipment, road sweeper, compactors, lighting towers, forklifts, chainsaws, and water carts), and hand and power tools.

Access to buildings and driveways will be maintained at all times. Some of this work may be noisy, however we will take every possible step to minimise noise such as switching off equipment when not in use and using non-tonal reversing beepers.

## Keeping you informed

Properties close to the rail corridor will receive notifications when construction work is scheduled to occur. You can contact us on **1800 171 386** (24-hour community information line). If you have questions about the **substations** please ask for **Chris** or email [LinewideMetro@transport.nsw.gov.au](mailto:LinewideMetro@transport.nsw.gov.au). For all other works please ask for **Natalia** or email [SouthwestMetro@transport.nsw.gov.au](mailto:SouthwestMetro@transport.nsw.gov.au). **Thank you for your cooperation while we complete this essential work.**



If you need an interpreter, contact TIS National on **131 450** and ask them to call **1800 171 386**



## Appendix D Dilapidation Report – 4 and 8 Broughton Street

# EXISTING CONDITION SURVEY REPORT

**8 Broughton Street External Facades, Canterbury, 2193**

Project Name: Southwest Metro  
Client: HSEJV  
Prepared By: Land Surveys  
ID Number: LS-005-343  
Survey No.: 1  
Survey Date: 26/04/2022  
LS Project No.: 2103527  
Revision: 0

# 1 DOCUMENT CONTROL

## 1.1 Revisions

Issues of this document shall be identified as Revision 1, 2, 3 etc. Upon each update this shall be changed to a sequential number.

On receipt of a revision, the copyholder shall incorporate the revised pages into this document. The document shall be subject to reissue after a practical number of changes have been made.

Rev	Details	Section	Prepared by	Approved by
0	Original Report	All	Land Surveys	Bruce Baker

## 1.2 Distribution List

Company Name	Document	Revision #
HSEJV	Existing Condition Survey Report	0



## 2 EXECUTIVE SUMMARY

### 2.1 Inspection and Report Brief

To provide an existing condition survey, highlighting any observed defects adjacent to the subject site. The survey involves capturing high resolution photographic imagery and/or high definition digital video footage within specific areas, as per scope of works.

Any cracks and/or defects are documented and can be reassessed periodically (if necessary) to detect any further movement or change in conditions.

This independent dilapidation survey, prepared by Land Surveys, describes any obvious defects, such as cracks, separation, deviation, water ingress, subsidence, and various other potential defects.

The dilapidation survey has been undertaken in accordance with Australian Standard 4349.0-2007 Inspection of buildings - General requirements.

A photographic log has been completed, along with relevant notes of all existing defects and any minor wear and tear observed at the time of the survey.

### 2.2 Photographs

Photo quality is checked by the surveyor at the time of the survey. Occasionally photos may be deleted due to poor exposure, blurriness or duplication. Deleting a photo does not affect the scope of the inspection or detail provided within the report, as a subsequent photo will recapture the same image addressing any issues.

Images may also be enhanced following capture to provide a better visual reference, however their integrity shall not be compromised.

All photos provided are identified and referred to throughout the report with a unique photo reference number.

### 2.3 Scale and Location of Defects

In order to understand the scale and location of defects, wide angle photography shall be captured over specific areas. If any cracking or dilapidation is noted within this area the subsequent photo will be zoomed in showing the observed defect in greater detail. Where possible a feature (such as a kerb, step, brick, grout joints etc.) will be included within the image to provide scale and location.

Where practicable a scale ruler or object (such as a pencil or biro) may be incorporated into photographs to also give reference to size, scale or distance of defect.

Refer to Crack Classifications in item 4.3 for crack size definitions used throughout this report.

### 2.4 Defects Observed

For definitions of defects used throughout this report refer to item 4.1 Definitions of Defects.

A tabulated list of observed defects has been prepared identifying location, photo number and comments of defects.

## 3 ASSUMPTIONS AND EXCLUSIONS

### 3.1 Weather Conditions

The survey was undertaken on the date as specified within this report and in prevailing weather and environmental conditions.

### 3.2 Exclusions

Defects and existing conditions within this report may exclude:

- Inaccessible areas
- Defects not apparent at the time of the inspection
- Defects only apparent in different weather or environmental conditions
- Defects resulting from different uses of structures
- Minor defects (such as super fine hairline cracking) which may be difficult to observe
- Defects outside the scope of works

### 3.3 Access

Consent to access any private land and or structures was obtained from the appropriate persons prior to entry. In cases where access to specific areas were denied, no survey within this area has been undertaken and a note will be made within the report.

All surveys were undertaken from a reasonable distance to any moving vehicles, machinery, plant, equipment and/or any other possible dangers.

Some areas may be restricted in visibility due to:

- Traffic conditions
- Road closures
- Parked vehicles/pedestrians
- Obscured by trees and/or other objects
- Obscured by furniture, blinds and/or other fittings or fixtures
- Locked rooms or areas
- Height or depth of structures

### 3.4 Unless Otherwise Specified

- No soil, etc. has been excavated nor has any investigation of sub ground drainage been made
- No special investigation of insect, asbestos or soil contamination has been made
- No plant, trees, fixtures, cladding or lining materials have been removed for further investigation
- No items of furniture or chattels have been moved whilst conducting the survey
- No access to roof, roof space or subfloor has been made
- No inspection to frame work or footings has been undertaken
- No underground services have been inspected

### **3.5 Sole Use of Client**

This report is provided solely for the use of the persons named within this report and no responsibility to other persons is accepted.

### **3.6 Report Reproduction**

Any reproduction of this report must be done so in its entirety.

### **3.7 Disclaimer**

Land Surveys has attempted to show all obvious visual defects, however cannot guarantee all dilapidation has been identified and has no accountability for any omissions.

The survey only covers the status of the site at the time of inspection. Land Surveys does not accept any liability of damages caused to any properties or structures after site inspection. Land Surveys also accepts no responsibility for any amendments or additions made to the report after delivery.

Land Surveys staff members are not structural engineers or registered building surveyors and are not in a position to comment on the causes of damage, or assess any future damages. Land Surveys makes no evaluation on property or structures in terms of its structural stability, with the contents of this report intended as a visual reference only.

## 4 DEFECT CLASSIFICATIONS AND DEFINITIONS

The following classifications and definitions may be used throughout this report. They are to be used as a guide only and are not an exact. The photography taken is for record purposes only. Land Surveys make no comment or inference regarding the cause of dilapidation or the potential impact or effect of dilapidation.

### 4.1 Definitions

Defect Type	Definition
Blistering	A bubbling effect often caused by heat, moisture or chemical
Chipping	Section of a surface that has broken away
Corrosion	Degradation of a metal caused by its environment
Corrugation Defect	Formation of ripples across a surface
Cracking	A break/split in a surface or structure without complete separation
Damage	Generic term for something that has been broken, smashed, crushed or ruptured
Depressions	Concave deformation of a surface
Deterioration	Progressively worsening
Deviation	Variation within a surface or structure
Discolouration	Change in hue or visual appearance to a material
Displacement/Misalignment	Incorrect position or placement of a structure or surface
Dry	Free from moisture or liquid
Efflorescence	The formation of salt/crystalline deposit on surfaces of masonry, stucco or concrete
Erosion	The gradual destruction or diminution to a surface
Gouges/Scuffs/Dints	Indentation, groove or scrape to a surface
Moss/Mould Buildup	Gradual accumulation of an algae/fungus on a surface
N/A	Not applicable
Patching Failures	Repaired surfaces that show signs of reoccurring distress
Peeling	The outer layer or skin detached from its surface
Ponding	Water or other liquids forming a small body of standing water
Pothole	Bowl shape depression in a pavement as a result of the loss of the pavement surface
Ravelling	Progressive disintegration of a pavement surface through loss of both binder and aggregate
Rust	A red/orange/brown flaking coating of iron oxide that is formed on metal by oxidation
Rutting	Longitudinal vertical deformation of a pavement surface in a wheel path
Separation/Delamination	A break, split or variation between various surfaces or structures
Shape Loss	Generic term for a number of defects including; corrugations, depressions, shoving
Shoving	Convex deformation of a surface
Significant Tree	A tree has a circumference greater than 155cm measured at 1m above ground level
Spalling	Result of water entering brick, concrete or stone and forcing the surface to peel, pop or flake off
Stripping	Loss of aggregate within a pavement surface, resulting in exposed binder and/or pavement
Subsidence	Sinking or settling of the grounds surface

Defect Type	Definition
Water Ingress/Water Damage	Water or liquid entering a surface or structure/causing damage
Weathered	Worn by long periods of exposure to natural elements

#### 4.2 Crack Type

Crack Type	Definition
Block	Interconnected cracks that divide the surface up into rectangular pieces
Cogged	The crack pattern follows the mortar joints between masonry units in a vertical rotational pattern
Craze	A network of cracks running in various directions
Crocodile	Interconnecting or interlaced cracking, resembling the hide of a crocodile
Diagonal	Cracks running crossways across a surface of structure
Edge	Cracks that appear on the edge of a road or path
Horizontal	Cracks that are parallel to the plane of the horizon
Joint	Lineal cracks that run along the connection of construction joints, expansion joints, isolation joints and at the junction of structures and forms
Lineal	Cracks running in a direct line. It can consist of a single crack or a series of parallel cracks
Longitudinal	Cracks that run along the length of a carriageway/path. It can consist of a single crack or a series of parallel cracks
Pattern	Cracks that are part of a network of cracks that form an identifiable grouping of shapes
Reflective	Cracks that occur directly over joints or cracks in a concrete pavement or overlay of a deteriorated asphalt pavement due to the movement of the old pavement
Slippage	Cracks forming the shape a crescent or half-moon, generally having two ends pointed into the direction of traffic.
Step	The crack pattern follows the mortar joints between masonry units in a stair stepping pattern
Transverse	Cracks that run perpendicular to the carriageway/path. It can consist of a single crack or a series of parallel cracks
Various	Generic term for a combination of several crack types
Vertical	Cracks that are parallel to the vertical direction

#### 4.3 Crack Classification

Crack Width (mm)	Crack Classification (Class)
<0.1	0
0.1-1	1
1-5	2
5-15	3
15-25	4
>25	5

## 5 REPORT REVIEW AND CLIENT ACCEPTANCE

This report includes structures adjacent to the proposed Southwest Metro development.

Still photography and existing condition survey undertaken by Land Surveys.

Date of Survey: 26/04/2022

Property Address: 8 Broughton Street External Facades, Canterbury, 2193

### 5.1 Client Acceptance

I accept that this report is true and a correct record of conditions.

---

Client Representative Signature

---

Full Name of Client Representative

---

Date

## 6 INTRODUCTION

Land Surveys has been contracted by HSEJV to undertake an independent dilapidation survey and existing condition report of structures adjacent to the Southwest Metro Project.

## 7 SCOPE OF WORKS

The scope of works is to detect any cracking or dilapidation and record the existing conditions of structures adjacent to the project works.

The survey involves capturing high resolution imagery and annotations of observed defects located at:

8 Broughton Street External Facades, Canterbury, 2193

## 8 SITE CONDITION AND GENERAL COMMENTS

Date of Survey	26/04/2022
Survey Type	Residential Common Property
Site Conditions	Pre Construction
Weather Conditions	Overcast
Lighting Conditions	Adequate
Significant Trees	No Significant Trees Observed
Ground Conditions	No Faults Observed
Access	All Areas Accessed
Additional Information (if required)	The facades of 4 Broughton Street were in good condition overall. Some access was restricted to the wall adjoining the site of 6 Broughton Street due to trees and plants that are part of the garden. One small crack was observed in the side of the slab underneath the tiles, one crack to the wall joint by the entrance and one crack to the slab just outside the entrance. There was also cracking to the wall at the front of the building on the eastern end and some tile cracking. The facades of 8 Broughton Street were also in good condition with the only notable defect being a crack to the step on the north side of the building adjoining the footpath. No other defects were observed.

## 9 SCHEDULE OF DEFECTS

Photo No.	Area	Location/ Direction	Defect Location/Feature	Defect	Crack/ Separation Type	Crack Width (mm)/ Crack Classification
0001	4 Broughton Street Facades	Overview				
0002	4 Broughton Street Facades	Overview				
0003	4 Broughton Street Facades	Overview				
0004	4 Broughton Street Facades	Overview				
0005	4 Broughton Street Facades	Overview				
0006	4 Broughton Street Facades	Overview				
0007	4 Broughton Street Facades	Overview				
0008	4 Broughton Street Facades	Overview				
0009	4 Broughton Street Facades	Overview				



Photo No.	Area	Location/ Direction	Defect Location/Feature	Defect	Crack/ Separation Type	Crack Width (mm)/ Crack Classification
0010	4 Broughton Street Facades	Overview				
0011	4 Broughton Street Facades	Overview				
0012	4 Broughton Street Facades	Overview				
0013	4 Broughton Street Facades	Overview				
0014	4 Broughton Street Facades	Overview				
0015	4 Broughton Street Facades	Overview				
0016	4 Broughton Street Facades	Overview				
0017	4 Broughton Street Facades	Overview				
0018	4 Broughton Street Facades	Overview				

Photo No.	Area	Location/ Direction	Defect Location/Feature	Defect	Crack/ Separation Type	Crack Width (mm)/ Crack Classification
0019	4 Broughton Street Facades	Overview				
0020	4 Broughton Street Facades	Overview				
0021	4 Broughton Street Facades	Overview				
0022	4 Broughton Street Facades	Overview				
0023	4 Broughton Street Facades	Overview				
0024	4 Broughton Street Facades	Floor Level	Slab	Cracking	Horizontal	1-5mm - Class 2
0025	4 Broughton Street Facades	Overview				
0026	4 Broughton Street Facades	Overview				
0027	4 Broughton Street Facades	Overview				

Photo No.	Area	Location/ Direction	Defect Location/Feature	Defect	Crack/ Separation Type	Crack Width (mm)/ Crack Classification
0028	4 Broughton Street Facades	Overview				
0029	4 Broughton Street Facades	Overview				
0030	4 Broughton Street Facades	Overview				
0031	4 Broughton Street Facades	Overview				
0032	4 Broughton Street Facades	Overview				
0033	4 Broughton Street Facades	Overview				
0034	4 Broughton Street Facades	North	Wall	Cracking	Joint	1-5mm - Class 2
0035	4 Broughton Street Facades	Overview				
0036	4 Broughton Street Facades	Floor Level	Slab	Cracking	Lineal	1-5mm - Class 2

Photo No.	Area	Location/ Direction	Defect Location/Feature	Defect	Crack/ Separation Type	Crack Width (mm)/ Crack Classification
0037	4 Broughton Street Facades	Overview				
0038	4 Broughton Street Facades	Overview				
0039	4 Broughton Street Facades	Overview				
0040	4 Broughton Street Facades	West	Wall	Cracking	Horizontal	1-5mm - Class 2
0041	4 Broughton Street Facades	Overview				
0042	4 Broughton Street Facades	Overview				
0043	4 Broughton Street Facades	Overview				
0044	4 Broughton Street Facades	Overview				
0045	4 Broughton Street Facades	Overview				

Photo No.	Area	Location/ Direction	Defect Location/Feature	Defect	Crack/ Separation Type	Crack Width (mm)/ Crack Classification
0046	4 Broughton Street Facades	Overview				
0047	4 Broughton Street Facades	North	Tile	Cracking	Lineal	1-5mm - Class 2
0048	4 Broughton Street Facades	Overview				
0049	4 Broughton Street Facades	Overview				
0050	4 Broughton Street Facades	Overview				
0051	4 Broughton Street Facades	Floor Level	Tiles	Cracking	Lineal	1-5mm - Class 2
0052	4 Broughton Street Facades	Overview				
0053	4 Broughton Street Facades	East	Wall	Cracking	Various	1-5mm - Class 2
0054	4 Broughton Street Facades	East	Wall	Cracking	Horizontal	1-5mm - Class 2

Photo No.	Area	Location/ Direction	Defect Location/Feature	Defect	Crack/ Separation Type	Crack Width (mm)/ Crack Classification
0055	8 Broughton Street Facades	Overview				
0056	8 Broughton Street Facades	Overview				
0057	8 Broughton Street Facades	Overview				
0058	8 Broughton Street Facades	Overview				
0059	8 Broughton Street Facades	Overview				
0060	8 Broughton Street Facades	Overview				
0061	8 Broughton Street Facades	Overview				
0062	8 Broughton Street Facades	Overview				
0063	8 Broughton Street Facades	Overview				

Photo No.	Area	Location/ Direction	Defect Location/Feature	Defect	Crack/ Separation Type	Crack Width (mm)/ Crack Classification
0064	8 Broughton Street Facades	Overview				
0065	8 Broughton Street Facades	Overview				
0066	8 Broughton Street Facades	Overview				
0067	8 Broughton Street Facades	Overview				
0068	8 Broughton Street Facades	Overview				
0069	8 Broughton Street Facades	Overview				
0070	8 Broughton Street Facades	Overview				
0071	8 Broughton Street Facades	Overview				
0072	8 Broughton Street Facades	Overview				

Photo No.	Area	Location/ Direction	Defect Location/Feature	Defect	Crack/ Separation Type	Crack Width (mm)/ Crack Classification
0073	8 Broughton Street Facades	Overview				
0074	8 Broughton Street Facades	Overview				
0075	8 Broughton Street Facades	Overview				
0076	8 Broughton Street Facades	Overview				
0077	8 Broughton Street Facades	Overview				
0078	8 Broughton Street Facades	Overview				
0079	8 Broughton Street Facades	Overview				
0080	8 Broughton Street Facades	Overview				
0081	8 Broughton Street Facades	Overview				



Photo No.	Area	Location/ Direction	Defect Location/Feature	Defect	Crack/ Separation Type	Crack Width (mm)/ Crack Classification
0082	8 Broughton Street Facades	Overview				
0083	8 Broughton Street Facades	Overview				
0084	8 Broughton Street Facades	Overview				
0085	8 Broughton Street Facades	Overview				
0086	8 Broughton Street Facades	Overview				
0087	8 Broughton Street Facades	Overview				
0088	8 Broughton Street Facades	Overview				
0089	8 Broughton Street Facades	Floor Level	Step	Cracking	Lineal	1-5mm - Class 2
0090	8 Broughton Street Facades	Overview				

Photo No.	Area	Location/ Direction	Defect Location/Feature	Defect	Crack/ Separation Type	Crack Width (mm)/ Crack Classification
0091	8 Broughton Street Facades	Overview				
0092	8 Broughton Street Facades	Overview				
0093	8 Broughton Street Facades	Overview				
0094	8 Broughton Street Facades	Overview				
0095	8 Broughton Street Facades	Overview				
0096	6 & 8 Broughton Street Adjoining Wall	Overview				
0097	6 & 8 Broughton Street Adjoining Wall	Overview				
0098	6 & 8 Broughton Street Adjoining Wall	Overview				
0099	6 & 8 Broughton Street Adjoining Wall	Overview				

## 10 PHOTOGRAPHIC REFERENCE



**Land Surveys**  
4 Broughton Street Facades  
Overview

Photo No: 0001



**Land Surveys**  
4 Broughton Street Facades  
Overview

Photo No: 0002



**Land Surveys**  
4 Broughton Street Facades  
Overview

Photo No: 0003



**Land Surveys**  
4 Broughton Street Facades  
Overview

Photo No: 0004



**Land Surveys**  
4 Broughton Street Facades  
Overview

Photo No: 0005



**Land Surveys**  
4 Broughton Street Facades  
Overview

Photo No: 0006





Land Surveys

4 Broughton Street Facades  
Overview

Photo No: 0007



Land Surveys

4 Broughton Street Facades  
Overview

Photo No: 0008



Land Surveys

4 Broughton Street Facades  
Overview

Photo No: 0009



Land Surveys

4 Broughton Street Facades  
Overview

Photo No: 0010



Land Surveys

4 Broughton Street Facades  
Overview

Photo No: 0011



Land Surveys

4 Broughton Street Facades  
Overview

Photo No: 0012





Land Surveys

26/04/2022

4 Broughton Street Facades  
Overview

Photo No: 0013



Land Surveys

26/04/2022

4 Broughton Street Facades  
Overview

Photo No: 0014



Land Surveys

26/04/2022

4 Broughton Street Facades  
Overview

Photo No: 0015

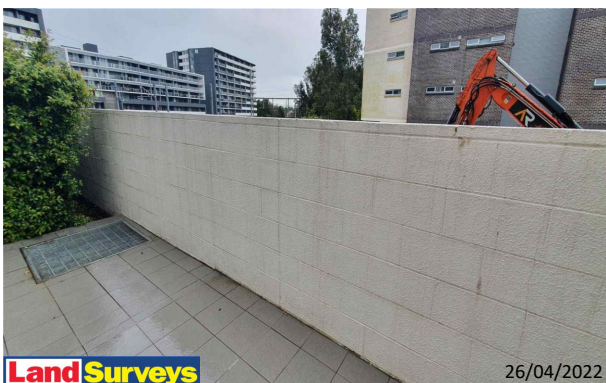


Land Surveys

26/04/2022

4 Broughton Street Facades  
Overview

Photo No: 0016



Land Surveys

26/04/2022

4 Broughton Street Facades  
Overview

Photo No: 0017



Land Surveys

26/04/2022

4 Broughton Street Facades  
Overview

Photo No: 0018





Land Surveys

4 Broughton Street Facades  
Overview

Photo No: 0019



Land Surveys

4 Broughton Street Facades  
Overview

Photo No: 0020

26/04/2022



Land Surveys

4 Broughton Street Facades  
Overview

Photo No: 0021

26/04/2022



Land Surveys

4 Broughton Street Facades  
Overview

Photo No: 0022

26/04/2022



Land Surveys

4 Broughton Street Facades  
Overview

Photo No: 0023

26/04/2022



Land Surveys

4 Broughton Street Facades  
Floor Level  
Slab - Cracking - Horizontal - 1-5mm - Class 2

Photo No: 0024

26/04/2022





Land Surveys

26/04/2022

4 Broughton Street Facades  
Overview

Photo No: 0025



Land Surveys

26/04/2022

4 Broughton Street Facades  
Overview

Photo No: 0026



Land Surveys

26/04/2022

4 Broughton Street Facades  
Overview

Photo No: 0027



Land Surveys

26/04/2022

4 Broughton Street Facades  
Overview

Photo No: 0028

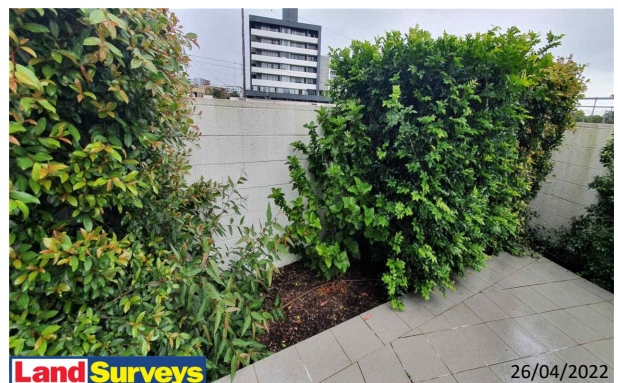


Land Surveys

26/04/2022

4 Broughton Street Facades  
Overview

Photo No: 0029



Land Surveys

26/04/2022

4 Broughton Street Facades  
Overview

Photo No: 0030





Land Surveys

26/04/2022

4 Broughton Street Facades  
Overview

Photo No: 0031



Land Surveys

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4 Broughton Street Facades  
Overview

Photo No: 0032



Land Surveys

26/04/2022

4 Broughton Street Facades  
Overview

Photo No: 0033



Land Surveys

26/04/2022

4 Broughton Street Facades  
North  
Wall - Cracking - Joint - 1-5mm - Class 2

Photo No: 0034



Land Surveys

26/04/2022

4 Broughton Street Facades  
Overview

Photo No: 0035



Land Surveys

26/04/2022

4 Broughton Street Facades  
Floor Level  
Slab - Cracking - Lineal - 1-5mm - Class 2

Photo No: 0036





Land Surveys

4 Broughton Street Facades  
Overview

Photo No: 0037



Land Surveys

4 Broughton Street Facades  
Overview

Photo No: 0038



Land Surveys

4 Broughton Street Facades  
Overview

Photo No: 0039



Land Surveys

4 Broughton Street Facades  
West  
Wall - Cracking - Horizontal - 1-5mm - Class 2

Photo No: 0040



Land Surveys

4 Broughton Street Facades  
Overview

Photo No: 0041



Land Surveys

4 Broughton Street Facades  
Overview

Photo No: 0042





Land Surveys

26/04/2022

4 Broughton Street Facades  
Overview

Photo No: 0043



Land Surveys

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4 Broughton Street Facades  
Overview

Photo No: 0044



Land Surveys

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4 Broughton Street Facades  
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Photo No: 0045



Land Surveys

26/04/2022

4 Broughton Street Facades  
Overview

Photo No: 0046



Land Surveys

26/04/2022

4 Broughton Street Facades  
North  
Tile - Cracking - Lineal - 1-5mm - Class 2

Photo No: 0047



Land Surveys

26/04/2022

4 Broughton Street Facades  
Overview

Photo No: 0048





Land Surveys

26/04/2022

**4 Broughton Street Facades**  
Overview

Photo No: 0049



Land Surveys

26/04/2022

**4 Broughton Street Facades**  
Overview

Photo No: 0050



Land Surveys

26/04/2022

**4 Broughton Street Facades**  
Floor Level  
Tiles - Cracking - Lineal - 1-5mm - Class 2

Photo No: 0051



Land Surveys

26/04/2022

**4 Broughton Street Facades**  
Overview

Photo No: 0052



Land Surveys

26/04/2022

**4 Broughton Street Facades**  
East  
Wall - Cracking - Various - 1-5mm - Class 2

Photo No: 0053



Land Surveys

26/04/2022

**4 Broughton Street Facades**  
East  
Wall - Cracking - Horizontal - 1-5mm - Class 2

Photo No: 0054





**8 Broughton Street Facades**  
Overview

Photo No: 0055



**8 Broughton Street Facades**  
Overview

Photo No: 0056



**8 Broughton Street Facades**  
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Photo No: 0057



**8 Broughton Street Facades**  
Overview

Photo No: 0058



**8 Broughton Street Facades**  
Overview

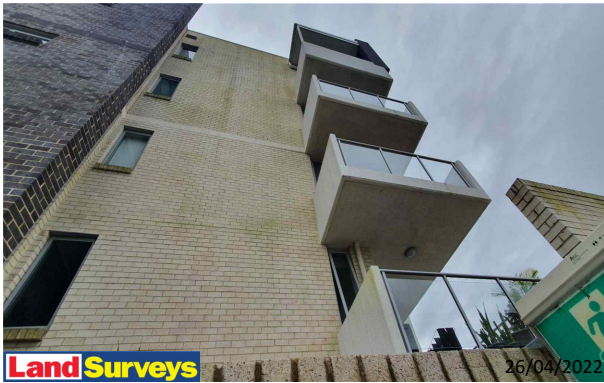
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**8 Broughton Street Facades**  
Overview

Photo No: 0060





**8 Broughton Street Facades**  
Overview

Photo No: 0061



**8 Broughton Street Facades**  
Overview

Photo No: 0062



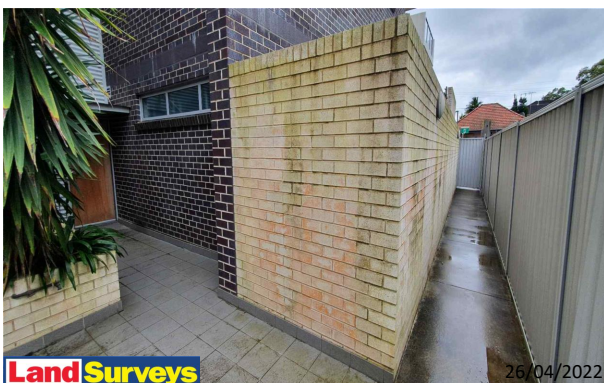
**8 Broughton Street Facades**  
Overview

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**8 Broughton Street Facades**  
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Photo No: 0064



**8 Broughton Street Facades**  
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**8 Broughton Street Facades**  
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8 Broughton Street Facades  
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8 Broughton Street Facades  
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8 Broughton Street Facades  
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8 Broughton Street Facades  
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8 Broughton Street Facades  
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8 Broughton Street Facades  
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Land Surveys

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8 Broughton Street Facades  
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Photo No: 0073



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8 Broughton Street Facades  
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8 Broughton Street Facades  
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Photo No: 0075



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8 Broughton Street Facades  
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Land Surveys

26/04/2022

8 Broughton Street Facades  
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Photo No: 0077



Land Surveys

26/04/2022

8 Broughton Street Facades  
Overview

Photo No: 0078





**8 Broughton Street Facades**  
Overview

Photo No: 0079



**8 Broughton Street Facades**  
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Photo No: 0080



**8 Broughton Street Facades**  
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Photo No: 0081



**8 Broughton Street Facades**  
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Photo No: 0082



**8 Broughton Street Facades**  
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Photo No: 0083



**8 Broughton Street Facades**  
Overview

Photo No: 0084





Land Surveys

26/04/2022

8 Broughton Street Facades  
Overview

Photo No: 0085



Land Surveys

26/04/2022

8 Broughton Street Facades  
Overview

Photo No: 0086



Land Surveys

26/04/2022

8 Broughton Street Facades  
Overview

Photo No: 0087



Land Surveys

26/04/2022

8 Broughton Street Facades  
Overview

Photo No: 0088



Land Surveys

26/04/2022

8 Broughton Street Facades  
Floor Level  
Step - Cracking - Lineal - 1-5mm - Class 2

Photo No: 0089



Land Surveys

26/04/2022

8 Broughton Street Facades  
Overview

Photo No: 0090





Land Surveys

26/04/2022

8 Broughton Street Facades  
Overview

Photo No: 0091



Land Surveys

26/04/2022

8 Broughton Street Facades  
Overview

Photo No: 0092



Land Surveys

8 Broughton Street Facades  
Overview

Photo No: 0093



Land Surveys

26/04/2022

8 Broughton Street Facades  
Overview

Photo No: 0094



Land Surveys

26/04/2022

8 Broughton Street Facades  
Overview

Photo No: 0095



Land Surveys

26/04/2022

6 & 8 Broughton Street Adjoining Wall  
Overview

Photo No: 0096



Land Surveys

26/04/2022

6 & 8 Broughton Street Adjoining Wall  
Overview

Photo No: 0097



Land Surveys

26/04/2022

6 & 8 Broughton Street Adjoining Wall  
Overview

Photo No: 0098



Land Surveys

26/04/2022

6 & 8 Broughton Street Adjoining Wall  
Overview

Photo No: 0099



(Uncontrolled when printed)

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## Appendix E Environmental Controls Map (ECM)



**CANTERBURY ENVIRONMENTAL CONTROL MAP WE45**

**ALL ENVIRONMENTAL INCIDENTS ARE TO BE REPORTED IMMEDIATELY**



Contact Details:	Number
<b>HSE Constructions Environmental Manager:</b> E/M Ryan O'Leary	<b>0400 240 023</b>
<b>Metro Environmental Representatives:</b> Tim Solomon Chris Dickson	<b>0400 034 207</b> <b>0423 248 589</b>
<b>HSE Heritage Management Rep:</b> Susan Lampard	<b>9493 9500</b>
<b>HSE Project Manager:</b> P/M Vitor Reis	<b>0447 124 014</b>
<b>HSE Project Engineer:</b> P/E Nick Souden	<b>0431 011 385</b>
<b>HSE Site Manager:</b> S/M Paul O'Neal	<b>0419 243 490</b>
<b>Construction Response Line:</b>	<b>1800 775 465</b>
<b>Infrastructure and Place Infoline:</b>	<b>1800 684 490</b>

Soil and Water Quality Management:	Responsible
<b>All excavations shall be conducted in accordance with the required Excavation Permit. This permit must be approved by the Site Manager and relevant Engineer(s).</b> <b>Ensure Erosion controls/protection is in place at drainage pits located on site before any stockpile or fill is placed in the area.</b>	
<b>Dewatering shall only be conducted under the instructions of the site supervisors and only after the EM issue a dewatering permit. All dewatering shall be conducted in accordance with this permit.</b>	
Erosion and sediment controls plans (ESCP's) are to be developed for each work area. The controls are to be installed and inspected on a daily basis. Maintain when required. Sediment is to be removed from controls as instructed.	E/M & S/M

Soil and Water Quality Management Continued:	Responsible
<b>Stockpiles where required:</b> Sediment fences or appropriate sediment controls would be installed prior to stockpiling any material in a specified area. Stockpiles would be covered to stabilise the surface, minimise sediment runoff and wind erosion.	S/M
Install and maintain sediment control devices parallel to the contours of the site and immediately down-slope of any areas disturbed	S/M
Washing out of concrete trucks not to be undertaken on site unless pre-approved washouts bay or concrete washout bins (typical) to be used when required.	S/M
Review the ECMs and ESCPs during pre-start meeting	E/M P/M S/M
Contain stormwater run-off on site Use of TfNSW Dewatering Form for water treatment and recycle, remove or re-use	All Staff

Air Quality Management:	Responsible
Maintain exhaust systems of construction plant, vehicles and machinery to minimise atmosphere emissions.	Operators
Use water sprays and water carts as required during works and keep exposed excavation surfaces and spoil stockpiles dampened. Vehicle speeds within the worksite are to be limited to 10 km/hr	S/M & Operators
Disturbed areas would be stabilised as soon as practicable to prevent or minimise wind-blown dust	S/M
Cover spoil loads and secure tail-gates prior to trucks leaving the worksite.	Operators
Construction plant and equipment would be well maintained and regularly serviced	Operators

Traffic Management:	Responsible
Traffic Control in place with approved TMP and TCPs	P/M
Council approvals with compound	P/M
Traffic signs set up as per TCPs	S/M
Delivery route made available and time table	E/M
Reversing trucks to have spotters in place	S/M
Deliveries if possible done within normal working hours	P/M

Noise and Vibration:	Responsible
<b>Construction during additional hours (outside normal working hours and approved possessions) are only permitted if approvals are granted by TfNSW</b> <b>Working hours will vary depending on the possession timeframes and restrictions. 24/7 works during weekend possessions (6am-6pm day shift, 6pm-6am night shift). Normal working hours during non-possession works</b>	
High noise activities are allowed in 3 hr blocks between: 8am to 12 noon, Monday to Saturday; and 2pm to 5pm Monday to Fri	S/M
Use of Non tonal reverse beepers Ensure no shouting, swearing and use of amplified music Refer to 24 complaints line at all times	All TfNSW

Flora and Fauna Management:	Responsible
<b>Approvals must be granted from EM for any clearing, trimming or pruning of vegetation. If native animals/feral found; Stop work immediately and notify the Supervisor and/or WIRES for capture and relocation. Work cannot commence until approved by the EM.</b>	
No work activities or access to be done in Protected Ecological Community (Refer to ECM below)	E/M P/M S/M
Tree/s that are to be removed shall be demarcated	S/M
Mulch native vegetation to be reused on site for landscape or sediment controls	P/E S/M
Site rehabilitation would be undertaken as soon as practicable	S/M

Hazardous Substances:	Responsible
Fuels and oils are only to be stored and handled in the designated bunded area/container.	S/M
Store all dangerous goods brought onto the worksite within the designated bunded area/container /bunded HazChem containers).	S/M All Staff
Spill kits will be provided at fuel and chemical storage areas	S/M
Keep SDS up to date for all chemicals. SDS should be present on site and in the office SDS register	P/E
Clean-up and reporting of all spills/leaks is to occur immediately in accordance with the Emergency Plan procedures.	All Staff

Community Consideration:	Responsible
<b>NEAREST RECIEVERS:</b> 3-11 & 15-23 Broughton Street, 17-23 Robert Street, 11-15 Charles Street	
Compound to be fully fenced off and closed from the public	S/M
Visible offensive graffiti to be removed from project within 24hrs, non-offensive graffiti to be removed within 1 week	S/M
Ensure no shouting, swearing and use of amplified music	S/M
OOHW notifications made public within 7 days prior to works commencement	P/E
Use of Non tonal reverse beepers	All
Refer to 24 Response line at all times. Site numbers made available	TfNSW

Waste Management:	Responsible
Provide adequate bins for collection of wastes. Where practicable, segregate wastes for recycling. Ensure waste material is disposed with the correct classification certification	P/M & P/E
Dispose of materials in accordance with applicable statutory guidelines & a licensed approved landfill	S/M
All waste tracking dockets will be retained and stored on register. EPA licensed contractors will undertake all waste transport to an EPA approved site.	S/M
Maximise the reuse and recycling of materials and record for sustainability.	S/M
<b>If Hazardous Contaminate Materials are encountered, stop work and advise the PM and SM. Works are not to commence until advised by a Hygienist.</b>	

Heritage Management:	Responsible
<b>Section 60 Heritage Act 1977 Approval and Conditions of Approval. It is an offence to knowingly damage or destroy relics without prior consent of the Chief Executive of NSW Office of Environment &amp; Heritage.</b> <b>Canterbury Railway Station Group has been identified as holding State significance and is listed on the SHR (01109), RailCorp Section 170 Heritage and Conservation Register (4801100) and Canterbury LEP 2012 (I67).</b>	
<b>In the event that any additional heritage items are uncovered (indigenous or non-indigenous) , stop work and advise HSE EM PP and TFSW Representative. Work will only recommence once approval has been granted.</b>	
<b>As Canterbury Station is listed on the SHR, a Section 60 approval to undertake the works associated with the Proposal is required from the Heritage Council of NSW.</b>	
Prior to any demolition of any heritage structure, a photographic archival shall be conducted by Susan Lampard.	HSE Heritage Rep
Demarcation & installations of protection barriers are required when working in close proximity to Heritage structures	S/M
There are 2 items of movable Heritage that should not be affected by construction works but, care should be taken.	P/M

Refuelling Management:	Responsible
<b>In the event of a spill, all works in the immediate area are to stop, and the spill response procedure shall be followed. Report spills to the Supervisor</b>	
Refuelling location shall be at least 20m away from the nearest water body, drainage line and away from ignition sources.	S/M
Spill kits to be readily available and 9kg fire extinguisher	S/M





**Possession WE45**  
 Bankstown Line  
 7<sup>th</sup> May 22 – 8<sup>th</sup> May 22

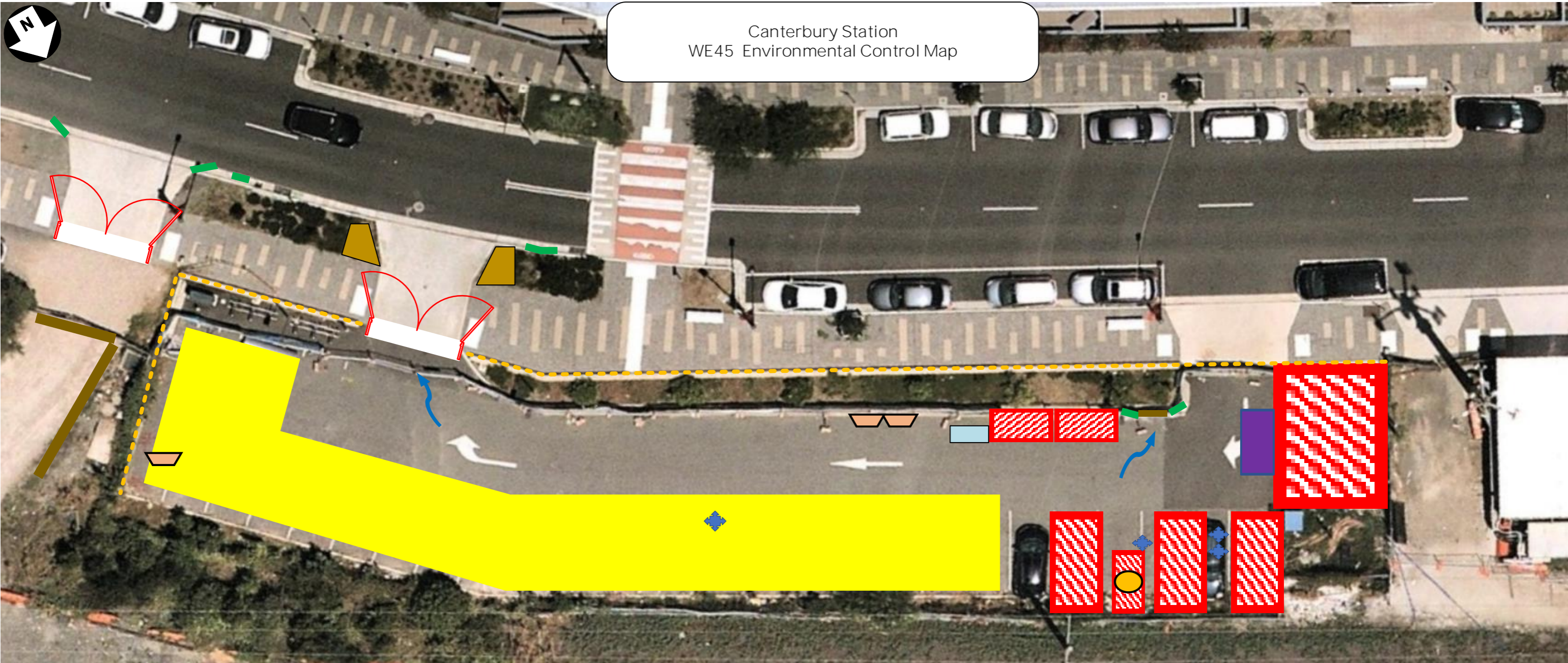
WE45 Working Area

Legend

1. Disconnection and Reinstatement of Aerial on Broughton St
2. Canterbury Rd and Concourse – Isolation of Transformer to Run Submains and Cable Containment
3. Platform 0/1 – Stair Removal
4. Platform 0/1 – Stair Installation
5. Installation of Lifts 1 and 2
6. Footbridge Structural Steel Installation
7. Platform 0 Fence Installation
8. Installation of Segregation Fence Posts
9. PSD Containment
10. Platform 2 – CSR and Drainage Installation
11. Installation of ULX Pits
12. Installation of HV Pits 18 and 19

- TEMP FENCE WITH TfNSW SHADE CLOTH
- TfNSW Mesh
- TEMP FENCE WITHOUT CLOTH
- SILT SOCKS
- SAND BAGS
- STEEL BARRIER ABOVE WATER BARRIER
- Tree to be Trimmed
- MATERIAL LAYDOWN
- WATER DIRECTION
- SEDIMENT FENCE
- STOCKPILE WITH GEOFABRIC
- COIR LOG
- WATER FILLED BARRIERS
- CATTLE GRID
- RAILCORP PROPERTY BOUNDARY
- NOISE MONITORING
- HERITAGE GROUP
- GEOFABRIC
- Tree to be protected
- Tree to be removed





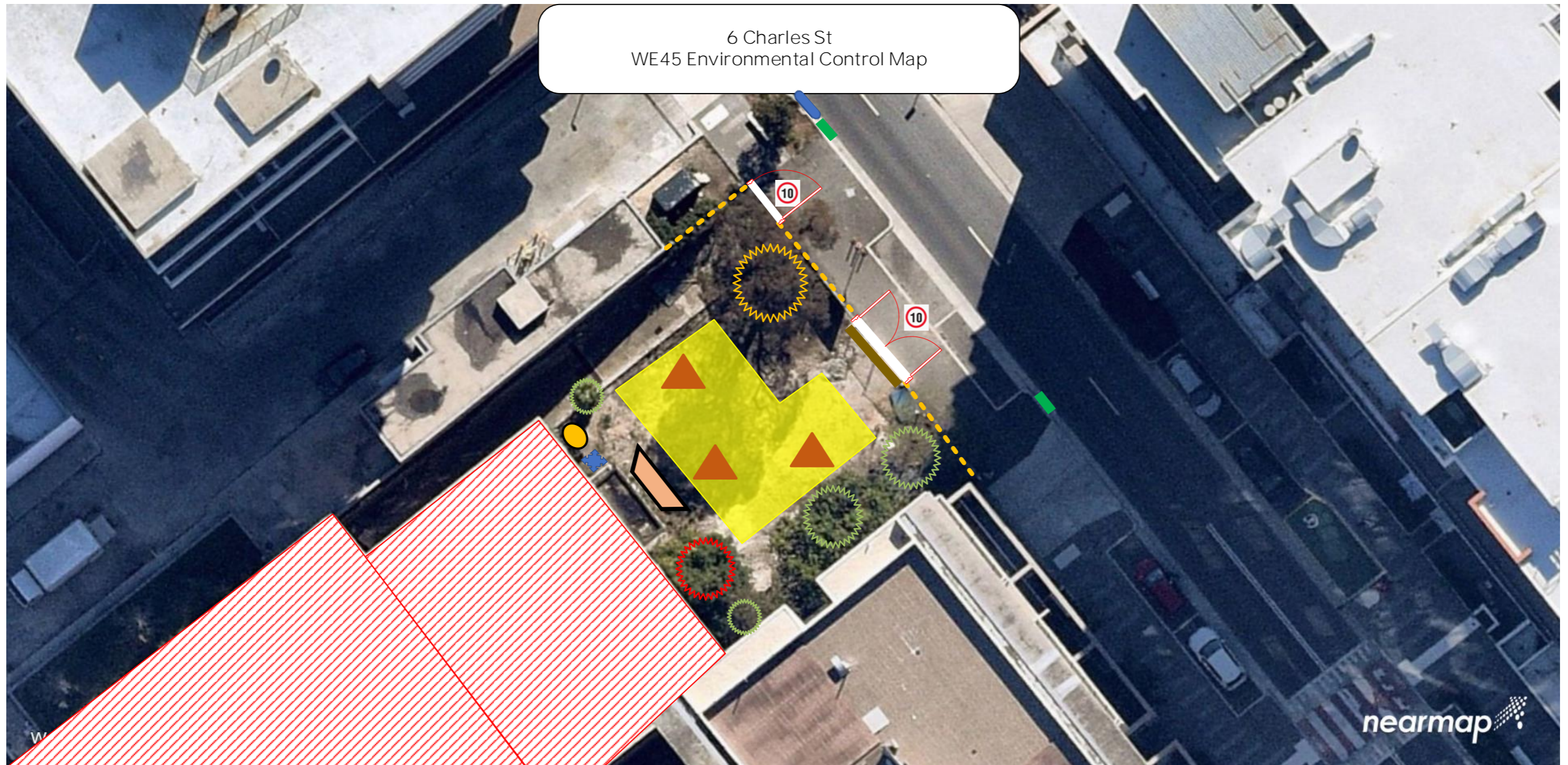
Canterbury Station  
WE45 Environmental Control Map

Legend

SITE SHEDS, OFFICE AND CONTAINERS	MATERIAL LAYDOWN	SITE ENTRANCE
HAZCHEM CONTAINERS	WATER DIRECTION	RAILCORP PROPERTY BOUNDARY
SKIP BINS & CONCRETE WASTE BINS	SEDIMENT FENCE	NOISE MONITORING (TBC)
TEMP FENCE WITH TfNSW SHADE CLOTH	STOCKPILE WITH GEOFABRIC	WATER TANK
SAND BAGS	SPILL KIT	BALLAST ON TOP OF GEOFABRIC
COIR LOG	GENERATOR	



6 Charles St  
WE45 Environmental Control Map



nearmap

Legend

SITE SHEDS, OFFICE AND CONTAINERS	MATERIAL LAYDOWN	SITE ENTRANCE
HAZCHEM CONTAINERS	WATER DIRECTION	RAILCORP PROPERTY BOUNDARY
SKIP BINS & CONCRETE WASTE BINS	SEDIMENT FENCE	NOISE MONITORING (TBC)
TEMP FENCE WITH TfNSW SHADE CLOTH	STOCKPILE WITH GEOFABRIC	WATER TANK
SAND BAGS	SPILL KIT	BALLAST ON TOP OF GEOFABRIC
COIR LOG	GENERATOR	Tree to be protected
	Tree To be Trimmed	Tree to be Removed

REVISION:  
REV 1 - 27/04/22



FILE NAME:  
CBY-SK-036

SOUTHWEST METRO UPGRADE - PACKAGE 4  
CANTERBURY - ENVIRONMENTAL CONTROL MAP

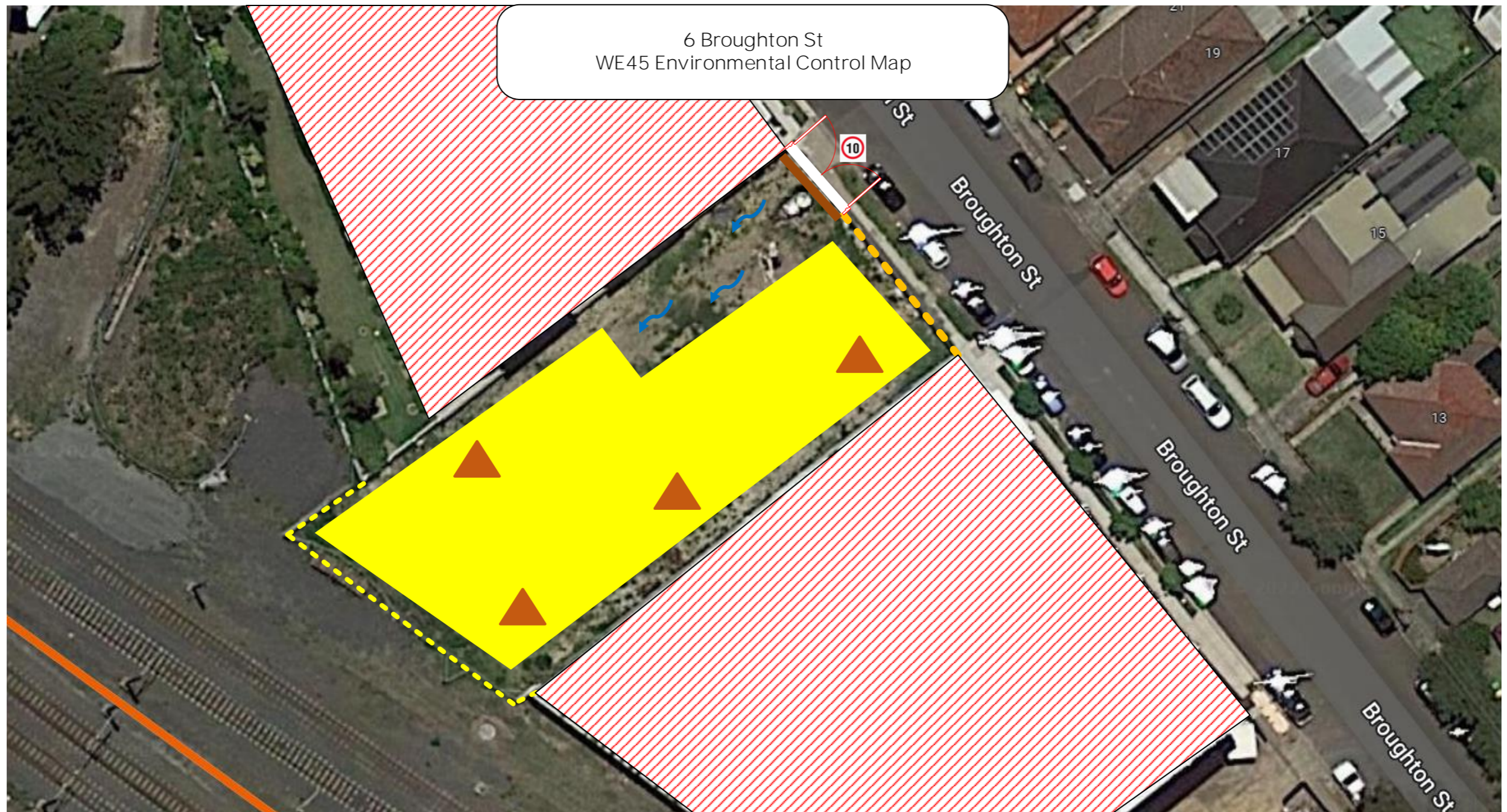
STATION:  
CANTERBURY

DRAWN BY:  
Davood Farjad

SCALE:  
N.T.S

SHEET NO:  
2 OF 4





Legend

 SITE SHEDS, OFFICE AND CONTAINERS	 MATERIAL LAYDOWN	 SITE ENTRANCE
 HAZCHEM CONTAINERS	 WATER DIRECTION	 RAILCORP PROPERTY BOUNDARY
 SKIP BINS & CONCRETE WASTE BINS	 SEDIMENT FENCE	 NOISE MONITORING (TBC)
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 COIR LOG	 GENERATOR	 Tree to be protected
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REVISION:  
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SOUTHWEST METRO UPGRADE - PACKAGE 4  
CANTERBURY - ENVIRONMENTAL CONTROL MAP

STATION:  
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2 OF 4