



PRELIMINARY CONSTRUCTION TRAFFIC AND PEDESTRAIN MANAGEMENT PLAN

SCEGGS Darlinghurst (SSD 19989744)
215 Forbes Street, Darlinghurst
Adaptive re-use of Wilkinson House

Reference: 17.312r10v03
Date: November 2021

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TRAFFIC CONTROL PLAN CERTIFICATES

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1. INTRODUCTION

TRAFFIX has been commissioned by SCEGGS Darlinghurst to prepare a Preliminary Construction Traffic and Pedestrian Management Plan (CTPMP) in support of a State Development Application (SSD – 19989744) relating to the adaptive re-use of Wilkinson House, located on the existing main school ground at 215 Forbes Street, Darlinghurst.

To provide context for this SSD, Conditional Development Consent was granted by the Independent Planning Commission on 22 May 2020 to the Concept DA (Concept SSD - 8993) for the redevelopment of SCEGGS at its main campus located at 215 Forbes Street, Darlinghurst, excluding St Peter's Precinct and 217 Forbes Street.

This is the first detailed SSDA under the Concept DA SSD 8993, for the adaptive reuse of Wilkinson House for general school learning areas and sport facilities to support the senior school, including alteration and additions to the existing Wilkinson House. As part of the SSDA process, the Secretary's Environmental Assessment Requirements (SEARs) have been issued for the proposal. This report documents the preliminary construction traffic management arrangements and methodology relating to the proposed works and should be read in conjunction with any other construction documentation prepared in relation to the SSDA works. It should be noted that a comprehensive CTPMP will be prepared once a builder has been appointed to the project and the exact construction mythology is determined.

The report is structured as follows:

- Section 2: Outlines SEARs responses
- Section 3: Outlines the Concept Masterplan conditions
- Section 4: Describes the proposed development
- Section 5: Documents existing traffic conditions
- Section 6: Describes the Preliminary Construction Programme
- Section 7: Provides an overview of construction works
- Section 8: Outlines the proposed traffic management arrangements
- Section 9: Concludes the report



2. SEARS RESPONSES

A response to each relevant requirement of the Secretary's Environmental Assessment Requirements (SEARs) is provided below, including references to sections of this report where applicable. Reference should also be made to the SEARs and the below matters relate specifically to Item 6.

SEARS	Report Reference
6. Transport and Accessibility Include a transport and accessibility impact assessment, which details, but not limited to the following:	
<ul style="list-style-type: none">• Address the Traffic, Access, Car and Bicycle Parking conditions imposed under SSD-8993.• Analysis of the impacts due to the operation of the proposed development, including:<ul style="list-style-type: none">◦ proposed modal split for all users of the development including vehicle, pedestrian, bicycle riders, public transport and other sustainable travel modes.◦ adequacy of the existing / proposed pedestrian infrastructure to enable convenient and safe access to and from the site for all users.◦ a clear explanation and justification of the:<ul style="list-style-type: none">▪ assumed growth rate applied.▪ volume and distribution of proposed trips to be generated.▪ type and frequency of vehicles accessing the site.	<p>Reference should be made to the Traffic Impact Assessment (Ref: 17.312r09v03 dated 10 November 2021).</p> <p>Reference should be made to the Traffic Impact Assessment (Ref: 17.312r09v03 dated 10 November 2021).</p>
<ul style="list-style-type: none">• Analysis of the impacts of the traffic generated during construction (if any) of the proposed development, including:<ul style="list-style-type: none">◦ construction vehicle routes, types and volumes.◦ construction program (duration and milestones).◦ on-site car parking and access arrangements for construction, emergency and construction worker vehicles.◦ cumulative impacts associated with other construction activities in the locality (if any).◦ road safety at identified intersections and level crossings near the site due to conflicts between construction vehicles and existing traffic in the locality.◦ measures to mitigate impacts, including to ensure the safety of pedestrian and cyclists during construction.	<p>Sections 6, 7, and 8</p>
<ul style="list-style-type: none">• A preliminary Construction Traffic and Pedestrian Management Plan.	<p>This document</p>



SEARs	Report Reference
<ul style="list-style-type: none">• Relevant Policies and Guidelines:<ul style="list-style-type: none">◦ Guide to Traffic Generating Developments (Roads and Maritime Services, 2002).◦ EIS Guidelines - Road and Related Facilities (Department of Urban Affairs and Planning (DUAP), 1996).◦ Cycling Aspects of Austroads Guides.◦ NSW Planning Guidelines for Walking and Cycling (Department of Infrastructure, Planning and Natural Resources (DIPNR), 2004).◦ Guide to Traffic Management Part 12: Integrated Transport Assessments for Developments (Austroads, 2020).◦ Australian Standard 2890.3 Parking facilities, Part 3: Bicycle parking (AS2890.3).	<p>The relevant policies and guidelines are referenced as applicable throughout this assessment.</p>



3. CONCEPT MASTERPLAN CONDITIONS

It is noteworthy that the SCEGGS Concept Masterplan (SSD – 8993) was approved by an Independent Planning Commission on the 22 May 2020. Condition B12 of the Conditions of Consent specifies the following requirements for all future built form development applications:

"B12. All future development applications for new built form must be accompanied by:

- (a) A Traffic Impact Assessment that considered the traffic, transport and parking impacts associated with the construction and operation of the proposed development;*
- (b) An updated Green Travel Plan outlining the measures to reduce private vehicle usage;*
- (c) An Operational Transport and Access Management Plan; and*
- (d) A Road Safety Evaluation."*

The reports prepared in accordance with Condition of Consent B12 are listed below:

- Traffic Impact Assessment (Ref: 17.312r09v03)
- Preliminary Construction and Pedestrian Management Plan (this document)
- Updated Green Travel Plan (Ref: within 17.312r09v03 as per SSD – 8993)
- Operation Transport and Access Management Plan (Ref: 17.312r08v05)
- Road Safety Audit (Ref: TRF-PROJ-0034-01 ES RSA SCEGGS REV 3)



4. DESCRIPTION OF PROPOSED DEVELOPMENT

The proposal comprises the following components:

4.1 Operational Aspects

- External building extension to the south, to accommodate a lift core for equitable access, corridor, and a meeting room. The extension will also connect the building to the wider campus.
- Demolish walls of the existing lightwell and rebuild a naturally lit and compliant stairwell.
- Rebuild mansard roof in copper with angled blades and clerestory windows. To utilise the roof space to provide for a large multipurpose space, GLA, staff room and an outdoor terrace. The roof is proposed to be approximately 300mm higher than the existing roof to facilitate the required floor to ceiling height.
- Demolish existing timber floors and replace with concrete slabs for thermal mass, fire resistance, acoustic attenuation, and structural integrity.
- Enclose existing balconies and remove the balcony walls to incorporate the spaces as part of the new functional, regular-shaped classrooms.
- Other minor external alterations, including restoring heritage façade by removing unsympathetic additions e.g. security bars.
- Retention of Forbes Street Foyer.
- Provide a basement new sporting facility, which will connect to the existing Centenary Sports Hall directly to the south.
- Internal alterations and additions to accommodate for new classrooms, breakout space, multipurpose common room and staff rooms.

4.2 Construction Decanting Strategy

- 10 demountable classrooms are proposed to be erected on the site during construction to ensure the school can continue to function during the construction period. Demountable classrooms are provided on grade south of the Chapel Building, at the upper level of the Centenary Sports Hall, and at the terrace west of Thomson Street.



5. EXISTING CONDITIONS

5.1 Location and Site

SCEGGS Darlinghurst is located at 165-215 Forbes Street in Darlinghurst, approximately 400 metres southwest of Kings Cross Railway Station. The subject site, Wilkinson House, is located on the north-eastern corner of SCEGGS Darlinghurst Campus. More specifically, it is situated on the south-west corner at the intersection of St Peters Street and Forbes Street.

The site is irregular shaped in configuration with a total area of 13,676.2m². It has a northern frontage to St Peters Street of approximately 62 metres in length, and a southern boundary to neighbouring residential properties of approximately 86 metres in length. The eastern frontage to Forbes Street and western frontage to Bourke Street measure approximately 133 metres and 84 metres in length, respectively.

The site is presently served by five (5) existing vehicular accesses, comprising three (3) driveways on Forbes Street, one (1) driveway on Bourke Street and one (1) driveway on St Peters Street. The SCEGGS Darlinghurst School is partitioned between a primary school (Kindergarten to Year 6) and the secondary school (Year 7 to Year 12). The main pedestrian access for the primary school component is on Bourke Street, whilst the secondary school component mainly utilises two (2) pedestrian accesses on Forbes Street and a single pedestrian access on St Peters Street. It is noted that St Peters Street is typically only open during the AM and PM peak periods, with a remote operated gate closed at both ends during other times.

A Location Plan is presented in **Figure 1** with a Site Plan included in **Figure 2**. Reference should also be made to the Photographic Record presented in **Appendix A**, which provides an appreciation of the generally character of roads and other key attributes in proximity to the site.

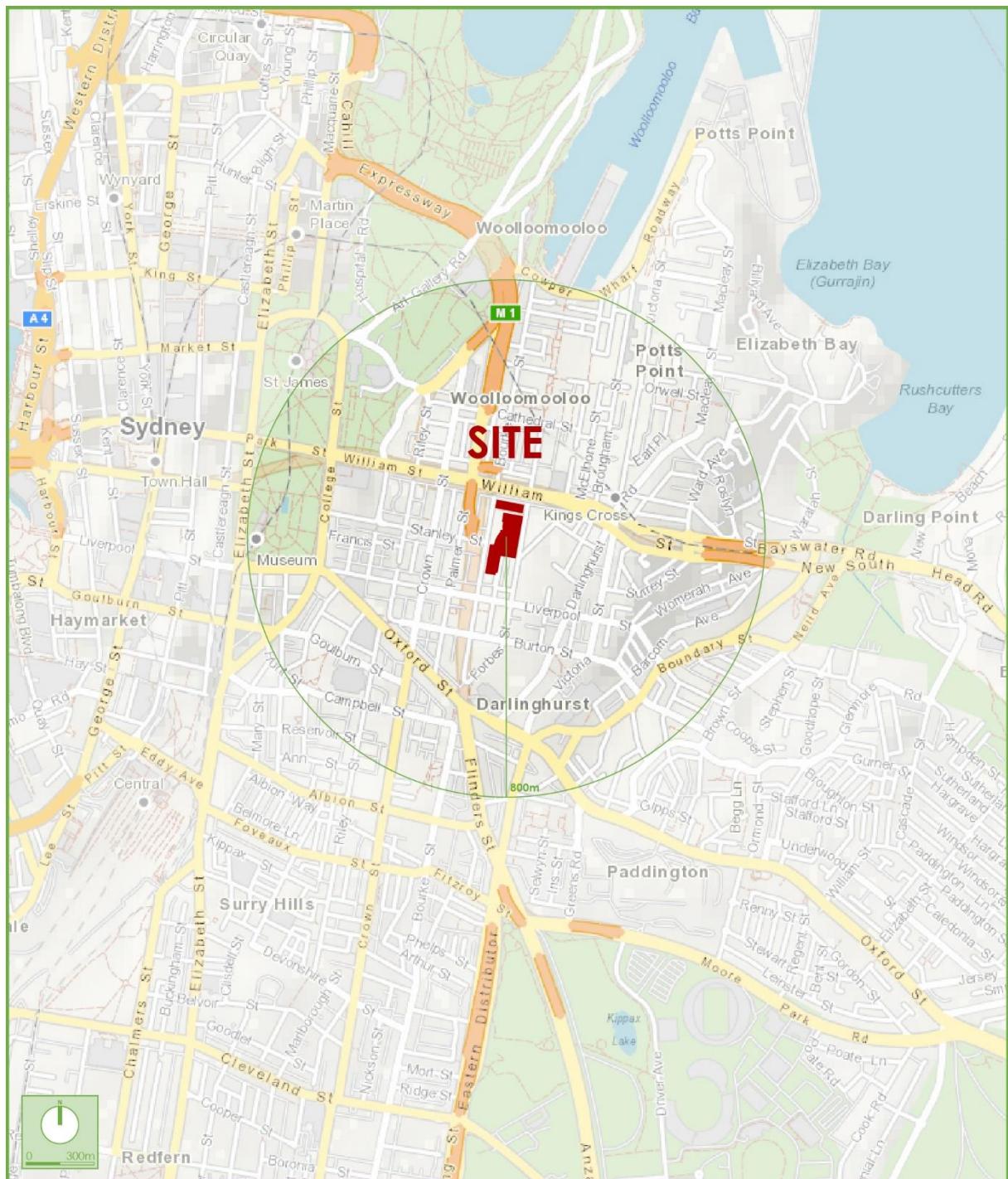


Figure 1. Location Plan



Figure 2. Site Plan



5.2 Road Network

The road hierarchy in the vicinity of the site is shown in **Figure 3**, with the following roads of particular interest:

- William Street: a TfNSW Main Road (MR173) that traverses in an east-west direction between New South Head Road in the east and Park Street in the west. It is generally subject to 50km/hr speed zoning and accommodates two (2) lanes of traffic in each direction. William Street generally provides a pedestrian footpath along both sides of the road. In addition, there are dedicated bicycle lanes provided along both sides of the road between Palmer Street and Park Street.
- Forbes Street: a local road that traverses in a north-south direction between a no through road at Cowper Wharf Road in the north and Bourke Street in the south. Locally, Forbes Street is bisected by the Chard Stairs located 30m north of St Peters Street. Within the vicinity of the site, it is subject to 40km/hr speed zoning at all times and accommodates a single lane of traffic in each direction. Forbes Street provides pedestrian footpaths along both sides of the road, as well as a pedestrian crossing at the eastern frontage of the site, near the Clapton Place intersection.
- Bourke Street: a local road that traverses in a north-south direction between Cowper Wharf Road in the north and Forbes Street in the south. Within the vicinity of the site, it is subject to 40km/hr speed zoning at all times and accommodates a single lane of traffic in each direction. Bourke Street provides pedestrian footpaths along both sides of the road, as well as a pedestrian crossing at the western frontage of the site, near the Stanley Street intersection. In addition, there are dedicated bicycle lanes along the western side of the road that generally span the length of Bourke Street.
- Liverpool Street: a local road that traverses in an east-west direction between Boundary Street in the east and Harbour Street in the west. Within the vicinity of the site, it is subject to 40km/hr speed zoning at all times and accommodates a single lane of traffic in each direction. Liverpool Street provides pedestrian footpaths along both sides of the road, as



well as a pedestrian crossing near the Forbes Street intersection. In addition, this road has been identified as a low-traffic on-road quiet bicycle route.

- ▶ St Peters Street: a local street that traverses in an east-west direction between Forbes Street in the east and Bourke Street in the west. It is subject to 40km/hr speed zoning and accommodates westbound traffic via single one-way lane. St Peters Street provides pedestrian footpaths along both sides of the road, as well as a pedestrian crossing midway through the street. In addition, this street is typically only open during the AM and PM peak periods of the school, with a remotely operated gate closed at both ends during other times.

It can be seen from **Figure 3** that the site is conveniently located with respect to the surrounding arterial roads serving the region, noting access to the Eastern Distributor via William Street.

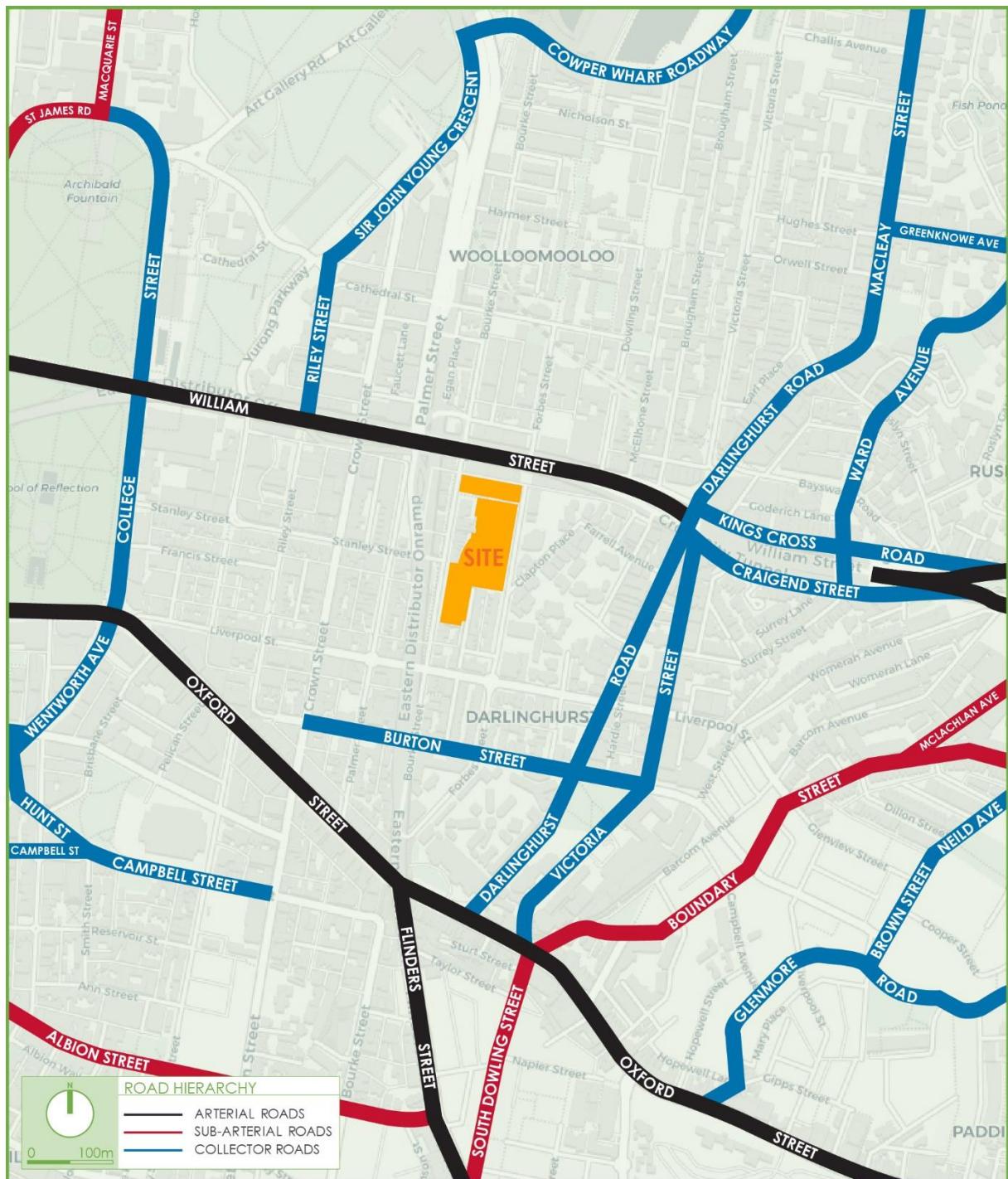


Figure 3. Road Hierarchy



5.3 Sustainable Transport Options

5.3.1 Public Transport Services

The existing public transport services operating within 400m of the school are presented in **Figure 4**, with the bus routes and weekday service frequencies summarised in Error! Reference source not found. below.

Table 1. Bus Routes and Weekday Service Frequency

Bus No.	Route	Service Frequency
200	Bondi Junction to Gore Hill	Every 15-30 minutes
311	Millers Point to Central Railway Square via Darlinghurst and Potts Point	Every 15 minutes
324	Watsons Bay to Walsh Bay via Old South Head Road	Every 30 minutes
325	Watsons Bay to Walsh Bay via Vaucluse Road	Every 30 minutes
389	Bondi Junction to Pyrmont	Every 10 minutes
L24	Vaucluse to City Wynyard	Every 20 minutes

It is noted that a large number of students utilise other bus services along Oxford Street (near Taylor Square), which is located approximately 650m south of the school. Bus stops within an 800m walk of the school service the following bus routes:

- 304 - Rosebery to City Circular Quay
- 333 - North Bondi to City Circular Quay
- 339 - Clovelly to City Phillip St
- 352 - Marrickville Metro to Bondi Junction
- 373 - Coogee to City Circular Quay
- 374 - Coogee to City Circular Quay
- 377 - Maroubra Beach to City Circular Quay
- 392 - Little Bay to City Circular Quay
- 394 - City Circular Quay to La Perouse
- 396 - Maroubra Beach to City Circular Quay
- 397 - South Maroubra to City Circular Quay
- 399 - La Perouse to City Circular Quay
- 440 - Bondi Junction to Rozelle
- 461X - Burwood to City Domain
- 500X - West Ryde to City Hyde Park
- 504 - Chiswick to City Domain
- 506 - Macquarie University to City Domain
- 507 - Meadowbank to Gladesville & City Hyde Park
- L94 - La Perouse to City Circular Quay
- X39 - Clovelly to City Martin Place
- X73 - Coogee to City Museum
- X74 - Coogee to City Museum
- X77 - Maroubra Beach to City Museum
- X92 - Little Bay to City Museum
- X94 - La Perouse to City Museum
- X96 - Maroubra Beach to City Museum
- X97 - South Maroubra to City Museum



In addition to the above, the school is also situated approximately 400 metres southwest of Kings Cross railway station, which provides train services along the following lines:

- T4 – Eastern Suburbs and Illawarra Line; and
- SCO – South Coast Line.

No changes to the aforementioned bus routes and services are proposed. Accordingly, these bus services and facilities are considered appropriate to cater for the current staff and student population of the school.

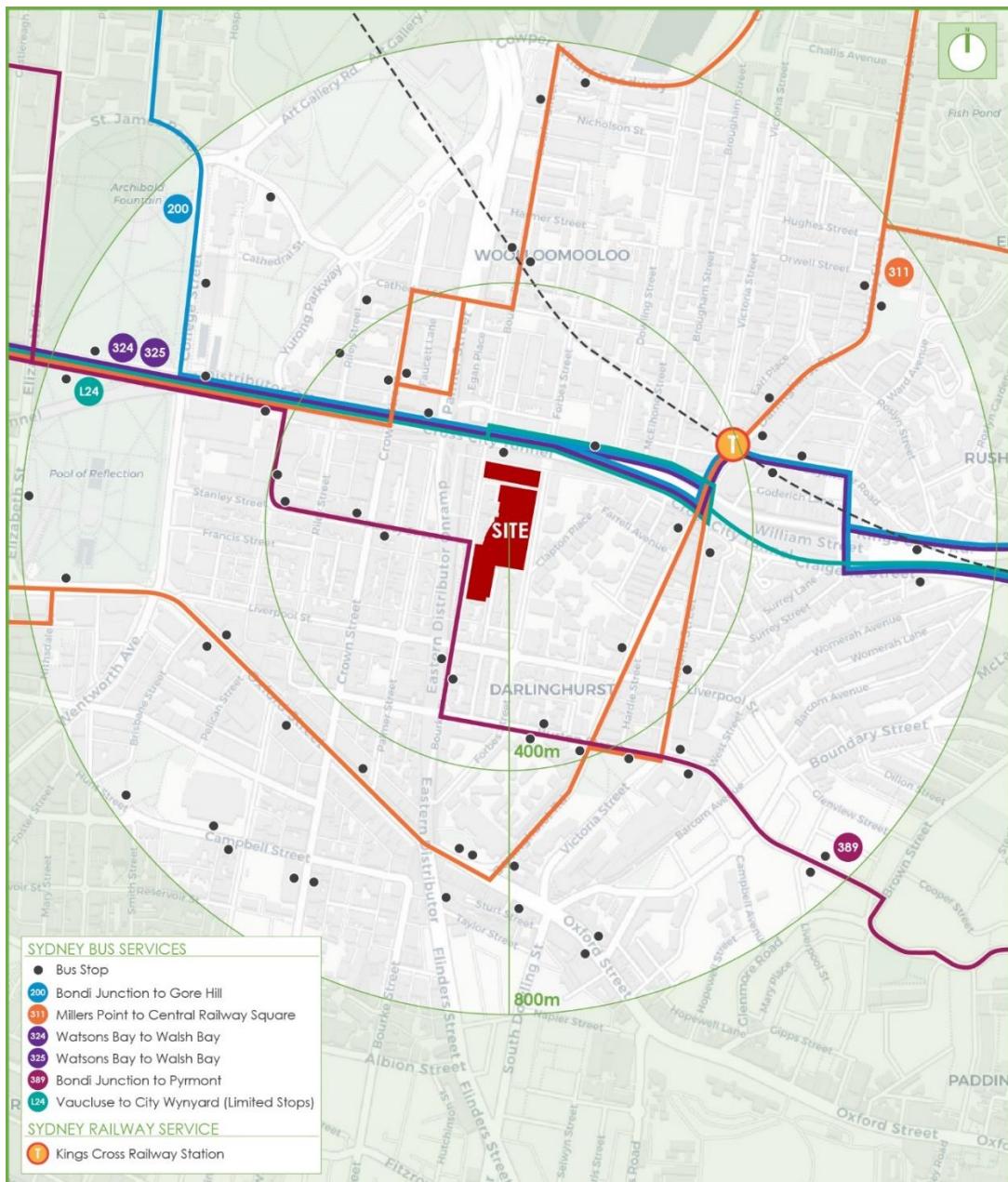


Figure 4. Public Transport

5.3.2 Bicycle Facilities

The school is located within several separated off-road cycleways, off-road shared paths, direct routes with higher traffic routes and low-traffic on-road routes in the surrounding area, with the primary cycleways outlined as follows:



- ➊ Separated off-road cycleways: Available throughout the entire length of Bourke Street.
- ➋ Off-road shared paths: Available on some sections of William Street and various areas in Hyde Park.
- ➌ Direct routes with higher traffic: Along the eastern end of William Street, Darlinghurst Road, Victoria Street and Oxford Street.
- ➍ Low-traffic on-road routes: Along the western end of William Street, Forbes Street, Liverpool Street, Burton Street, Crown Street, Riley Street and Clapton Place.



6. PRELIMINARY CONSTRUCTION PROGRAMME

A preliminary construction programme has been prepared by TBH and this is presented in **Appendix B**. The preliminary construction programme outlines the timing of the following works including:

- Key milestones;
- Offsite activities;
- Demolition works;
- Material handling;
- Wilkinson House construction works;

It is emphasised that the preliminary construction programme is subject to the approval of the subject SSDA and appointment of the head contractor.



7. OVERVIEW OF CONSTRUCTION WORKS

7.1 Times of Operation

Construction hours will be in accordance with City of Sydney regulations (Outside Sydney CBD), as summarised below:

- ▶ Monday to Friday 7:30am to 5:30pm;
- ▶ Saturday 7:30am to 3:30pm; and
- ▶ Sunday or Public Holiday No building activities are to be carried out at any time.

7.2 Temporary Learning Areas

The construction program will allow for the delivery and installation of ten (10) temporary demountable functional learning areas. It will be proposed that these demountable classrooms are provided on grade south of the Chapel Building, at the upper level of the Centenary Sports Hall, and at the terrace west of Thomson Street.

The temporary classrooms will be used during the construction phase of the project and will be de-assembled after the completion of construction. The temporary areas will need to be coordinated with school operations upon the appointment of a builder and finalisation of the construction methodology.

7.3 Construction Stages

The indicative stages of construction for the Wilkinson House redevelopment are summarised below, noting that this is subject to change once a builder has been appointed to the project and the exact construction mythology is determined.

7.3.1 Temporary Demountable Classrooms

This stage will commence in August 2022 and will continue for approximately 11 days. These works will include the delivery and installation of the modular demountable learning areas and all inspection and approval processes to ensure the spaces are ready for operations.



7.3.2 Site Establishment

This stage will commence in August 2022 and will continue for approximately two (2) weeks.

This stage will include the following works:

- Establishing site fencing, traffic control and signage;
- Erecting Class-B hoarding, scaffolding and edge protection;
- Isolating existing services; and
- Establishing site office and amenities.

7.3.3 Demolition Works

This stage will commence in September 2022 and will continue for approximately 22 weeks. This stage will include the following works:

- Removal of hazardous material;
- Partial demolition of building façade;
- Demolition of slabs; and
- Installation of piling, truss supports and waler beams;

7.3.4 Material Handling (Tower Crane)

This stage will commence in March 2023 and will continue for approximately 25 weeks. This stage will include the following works:

- Installation of crane base;
- Erection and commission of tower crane;
- Utilisation of crane; and
- Dismantling of tower crane.

7.3.5 Wilkinson House Construction

This stage will commence in February 2023 and will continue for approximately 59 weeks. This stage will include the following works:

- Earthworks and sub-structure;



- Ground floor to roof structural works;
- Building envelope works;
- External façade works;
- Lift installation; and
- Internal services and finishes.

7.4 Cumulative Construction Assessment

In the vicinity of the site, the following developments have been approved by Council within the last three years:

- 160 Bourke Street, Darlinghurst – Approved 8 January 2018
 - Alterations and additions to dwelling house including new first floor front balcony and rear roof extension.
- 185A Bourke Street, Darlinghurst – Approved 22 March 2018
 - Construction of new external door and window facing William Street and new internal steps to the ground floor restaurant at Lot 1.
- 162 Bourke Street, Darlinghurst – Approved 15 June 2018
 - Modification to amend roof colour and insert skylight.
- 198-200 Forbes Street, Darlinghurst – Approved 4 July 2018
 - Construction of two balconies on the north elevation.
- 184 Forbes Street, Darlinghurst – Approved 21 May 2021
 - Construction of two balconies on the north elevation.
- 162 Bourke Street, Darlinghurst – Approved 24 September 2021
 - Alterations and additions to residential development for remedial roof replacement of terrace buildings 164, 164B and 164C.

It is noted that no large development directly adjacent to the site have been approved in the last three years. As such, the construction activities of neighbouring development are not expected to conflict with the construction works of the proposed development. In any case, the appointed builder would be encouraged to liaise with neighbouring developers to ensure critical construction activities (large concrete pours etc.) would not overlap to minimise construction impacts.



8. TRAFFIC MANAGEMENT ARRANGEMENTS

8.1 Construction Vehicles

It is expected that the maximum sized vehicle to be utilised during the aforementioned construction stages be an 8.8 metre medium rigid vehicle (MRV), with a payload capacity of 12 tonnes.

The anticipated truck frequencies range between two (2) trucks per day (2 in, 2 out) to a maximum of 16 trucks per day (16 in, 16 out). An indicative truck movement histogram is provided in the Preliminary Construction Management Plan prepared by TBH. These indicative truck volumes are considered minor (max. 2-3 truck arrivals per hour) and will be distributed across a typical workday, noting truck movements will be limited during critical school drop-off and pick-up periods.

8.2 Road Safety

The road safety at each key intersection will be assessed once the construction truck volumes and truck routes are finalised. It is expected that any identified pedestrian, bicycle or vehicle safety issues will be appropriately managed through the implementation of Traffic Control Plans at key intersections or conflict points in the vicinity of the site.

8.3 Vehicular Access

Preliminary truck routes have also been developed for potential works zones along the Forbes Street and St Peters Street frontages. All trucks shall enter and exit works zone/s in a forward direction and SafeWork NSW certified traffic controller/s will be on-site during construction hours to safely manage vehicles and pedestrians.

8.4 Trucks Arriving to Site

All trucks will be linked via CB radio and/or hands-free mobile and will only be called to the site when required and when there is capacity within the site to accommodate the truck. Truck movements will also be staged to mitigate the potential for on-street queuing. This management arrangement of loading / unloading / deliveries will help minimise on-street



queuing and will result in minimal disruptions to the surrounding road network. As such, there is no requirement for a layover area under the proposal.

Further, as detailed within Section 8.4, the construction activities of neighbouring developments are not expected to conflict with those of the proposed development. However, the contracted builder will liaise with any neighbouring developments under construction to stagger large deliveries and concrete pours if required.

8.5 Works Zone

A Works Zone along Forbes Street or St Peters Street may be required for the duration of the works, and this is to be confirmed by the appointed builder. An application will be made to the City's Traffic Works Coordinator to organise appropriate approvals for the Works Zone. This Works Zone will be applicable between the standard working hours stated within **Section 8.1** excluding the school's morning drop-off (8:00am to 9:30am) and afternoon pick-up (2:30pm to 4:00pm) periods.

8.6 Truck Routes

The truck routes utilised for the construction of the development would utilise the arterial road network, where possible. The proposed truck routes are recommended so that all vehicles could access and egress a potential works zone in a forward direction, noting that truck movements will be restricted to outside the school's morning and afternoon peak periods. A copy of the routes would be provided to all drivers prior to attending the site, with the proposed routes outlined below.



8.6.1 Inbound Truck Route

The inbound truck route is presented in **Figure 5** and summarised as follows:

► Routes to Site (IN):

1. Arrive on the Eastern Distributor, northbound.
2. Exit left onto William Street, westbound.
3. Turn left onto Crown Street, southbound.
4. Turn left onto Liverpool Street, eastbound.
5. Turn left onto Forbes Street, northbound.
6. Access Forbes Street or St Peters Street.

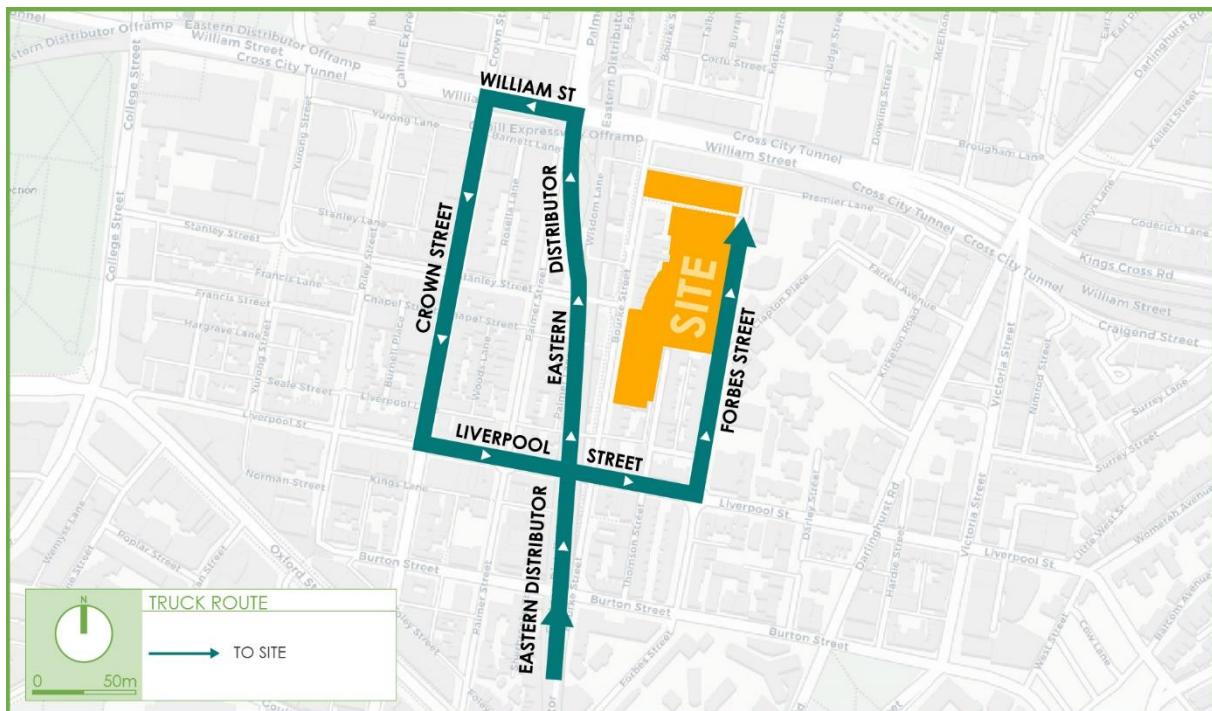


Figure 5. Inbound Truck Route



8.6.2 Outbound Truck Route

The outbound truck route is presented in **Figure 6** and summarised as follows:

➊ Routes from Site (OUT):

1. Depart the onto Forbes Street, northbound
2. Turn left onto St Peters Street, westbound.
3. Turn left onto Bourke Street, southbound.
4. Turn right onto Stanley Street, westbound.
5. Turn right onto Crown Street, northbound.
6. Turn right onto William Street, eastbound.
7. Turn left onto Bourke Street, northbound.
8. Continue on the Eastern Distributor, southbound.

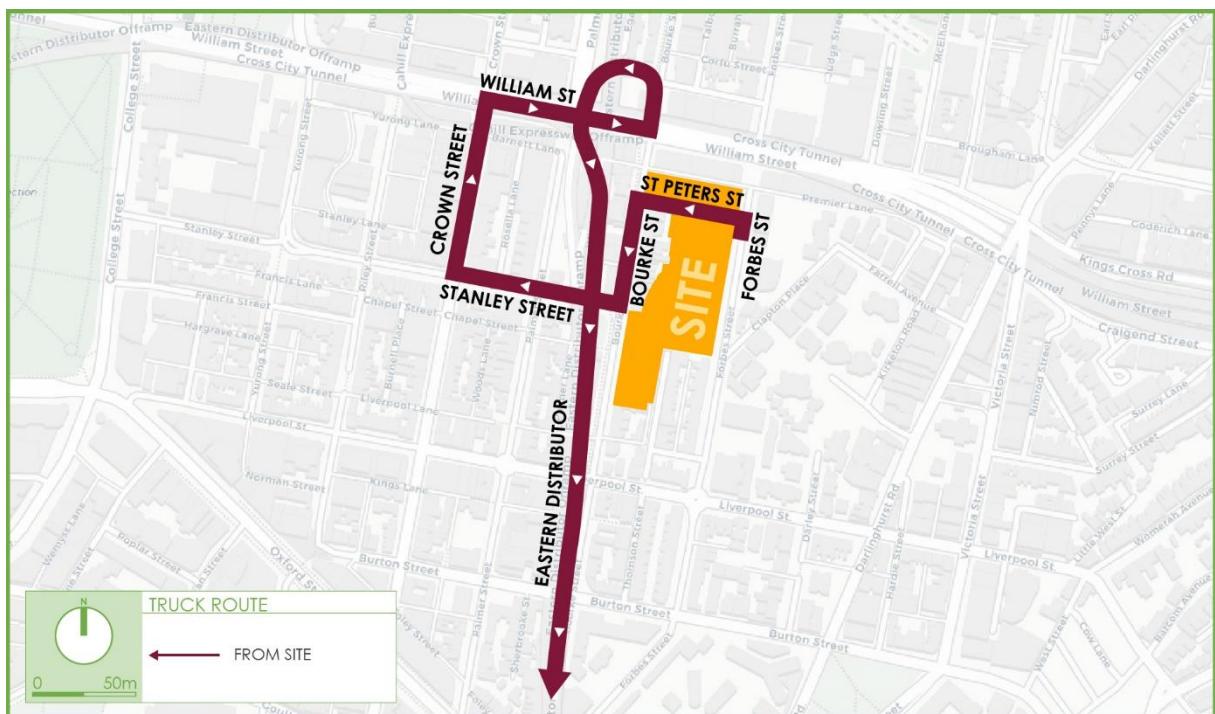


Figure 6. Outbound Truck Route



8.7 Swept Path Analysis

Swept path analysis has been undertaken of the proposed truck routes for the critical manoeuvres at the following intersections using an 8.8m long MRV vehicle.

- Eastern Distributor/William Street;
- William Street/Crown Street
- Crown Street/Liverpool Street;
- Liverpool Street/Forbes Street;
- Forbes Street/St Peters Street;
- St Peters Street/Bourke Street;
- Bourke Street/Stanley Street;
- Stanley Street/Crown Street; and
- William Street/Eastern Distributor.

These swept paths are provided in **Appendix C** and confirm that satisfactorily access to the site can be achieved, in accordance with the requirements of AS2890.2 (2018).

8.8 Traffic Control Plans

Traffic Control Plans (TCP) will be prepared in accordance with the TfNSW Traffic Control at Worksites Manual and AS 1742.3 during all stage of construction, as necessary. The TCPs would generally relate to the following traffic related impacts:

- Footpath closures;
- Vehicle lane/cycle lane closures;
- Road closures and detours;
- Vehicle access to/from works zone/s; and
- Public domain works.

The development of these TCP will be undertaken in coordination with the appointed builder once the construction methodology is confirmed. The TCPs are included in the comprehensive CTPMP and would be approved by Council or the Private Certifying Authority.



8.9 Traffic Controllers

SafeWork NSW certified Traffic Controllers will be utilised at the site to assist construction vehicles and pedestrians around the site at all times. It is noted that Traffic Controllers are not to stop traffic on public street(s) to allow trucks to enter or leave work zones and must wait until a suitable gap in traffic allows them to assist trucks.

Additionally, pedestrians may be held only for very short periods to ensure safety when trucks are leaving or entering but they are not to be stopped in anticipation i.e. at all times the pedestrians have right of way on the footpath.

8.10 Employee Vehicles

Reference will be made to Point 10 of the City's Standard Requirements for CTMP's, stating all vehicles associated with the development shall be parked wholly within the site. All site staff related with the works are to park in designated off-street areas or be encouraged to use public transport and not park on the public road.

Due to the small size of the site, workers may not be able to park on-site. Hence, workers will be encouraged during inductions to carpool and park in off-street carparks or utilise the various public transport services available in the locality so as to minimise on-street parking impacts in the area. Information relating to the available public transport options will be provided within induction material provided to contractors by the appointed builder.

8.11 Pedestrian Control

Pedestrian access surrounding the site will be managed safely during all construction stages. It is expected that 'A Class' and/or 'B Class' hoarding and associated access gate/s will be installed around the perimeter of the work site to provide security to the site and pedestrians. Pedestrian footpaths will not be closed without appropriate pedestrian control measures, such as detours or traffic controller's assistance. No crane works will be permitted over pedestrian footpaths without footpath closures/detours or 'B Class' hoardings. Pedestrian access to neighbouring properties shall be maintained at all times and no building materials shall be placed, dumped or left on any Council road or footpath area. Footpaths are to remain in a safe condition for use by pedestrians. SafeWork NSW certified traffic controller/s will also be positioned at any vehicle access point to manage vehicle movements and to ensure pedestrian safety.



8.12 Bicycle Parking/End of Trip Facilities

Temporary bicycle parking and end of trip facilities are expected to be provided onsite with the site's compound. Details relating to these facilities will be detailed in the comprehensive CTPMP once a builder is appointed.

8.13 Emergency Vehicle Access

Emergency vehicle access adjacent to the work site will be maintained at all times, including vehicle access along Forbes Street, St Peters Street and Bourke Street. Emergency access for pedestrians will be further detailed by the appointed builder once the extent of the works site is known and pedestrian controls (hoarding, access gates etc.) are detailed.

8.14 School Staff Parking

Existing staff parking arrangements will be maintained during the construction period.



9. CONCLUSION

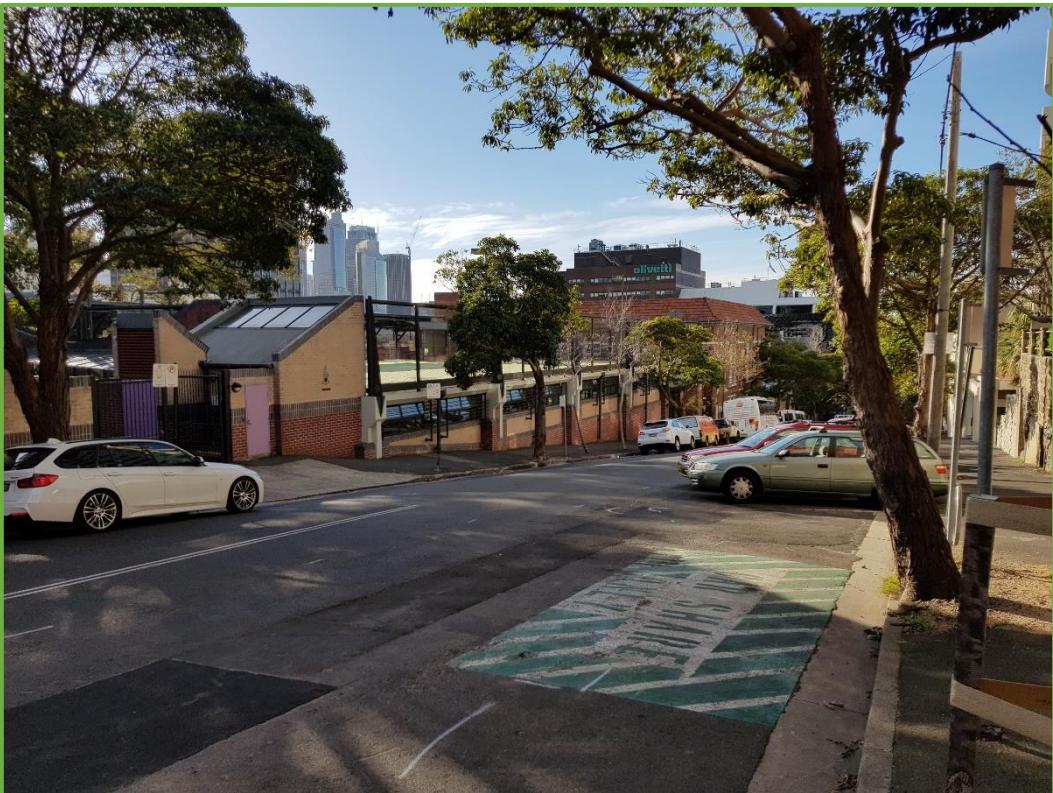
This Preliminary CTPMP plan should be read in conjunction with other documentation prepared by the applicant relating to the internal construction activities. Limited information is available at this early stage, prior to a builder being appointed. This report addresses the existing conditions of the site, general overview of the construction program and traffic management arrangements which are proposed at this early stage.

The plan outlined above is considered satisfactory for the purposes of a SSDA submission, being subject to confirmation and possible amendments once approval is granted and a builder appointed.

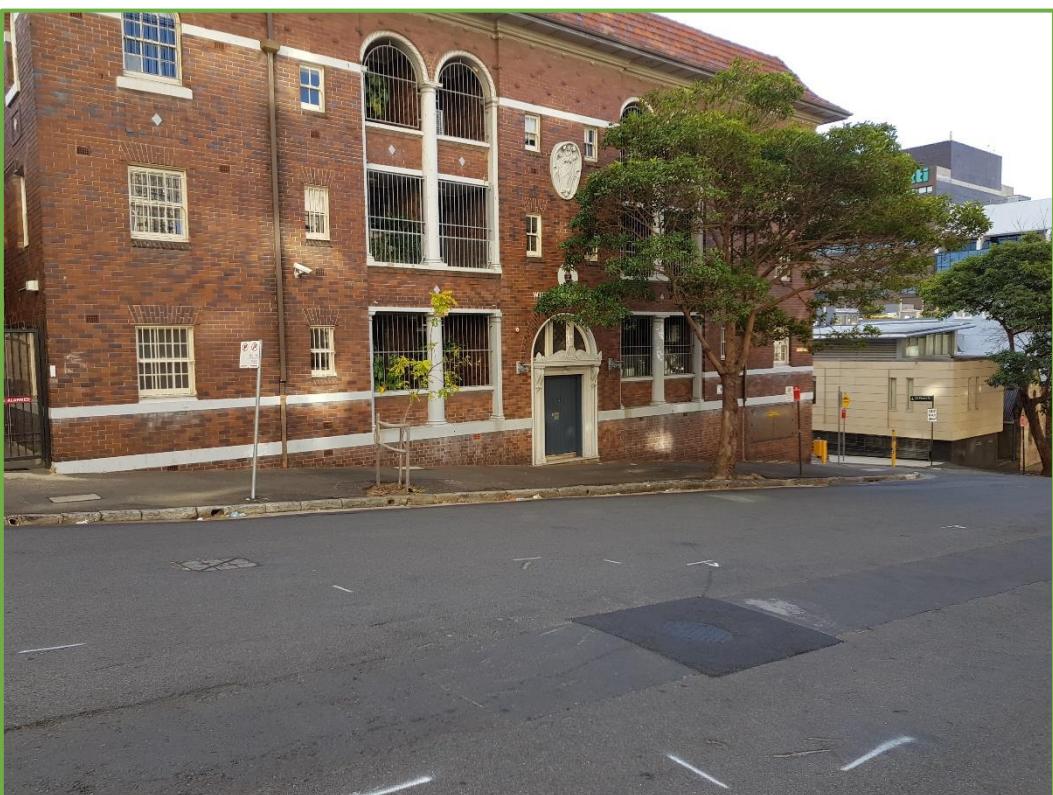
It is envisaged a comprehensive CTPMP will be prepared by TRAFFIX once consent is obtained, based on the construction methodology adopted by the appointed builder.

APPENDIX A

Photographic Record



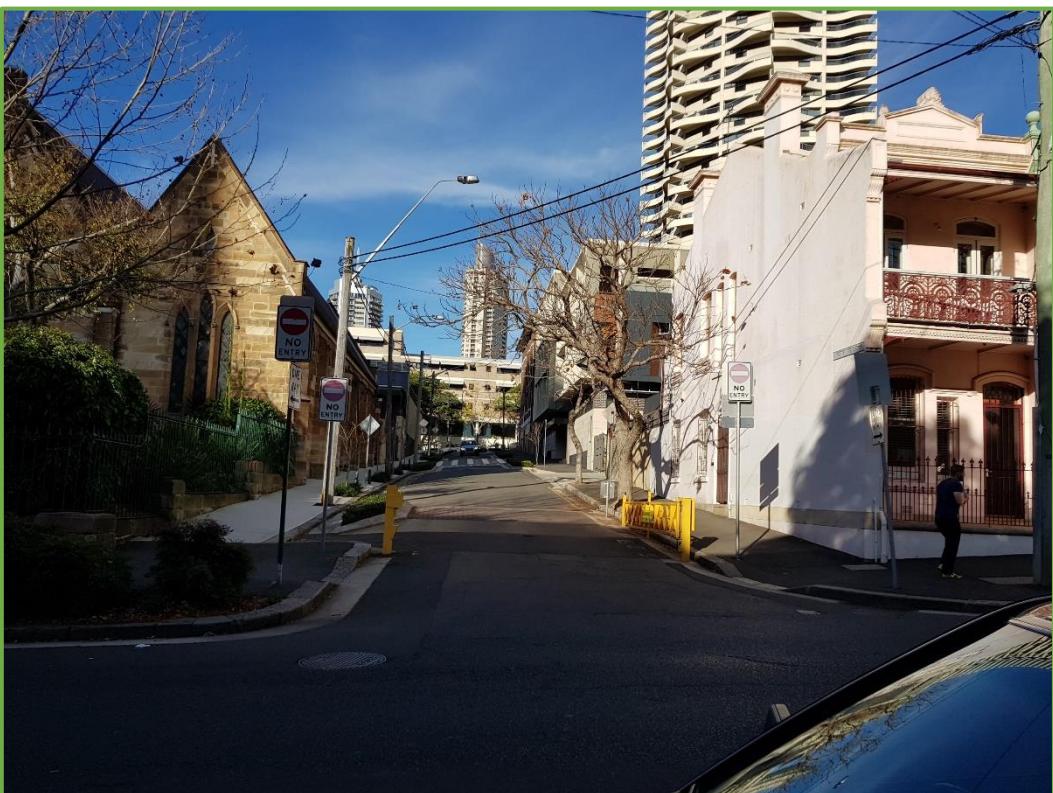
View looking north from Forbes Street towards the subject site



View looking west from Forbes Street towards the proposed Works Zone



View looking west from Forbes Street towards St Peters Street



View looking east from Bourke Street towards St Peters Street

APPENDIX B

Preliminary Construction Programme

ID	Task Name	Duration	Start	Finish	2022												2023												
					May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
0	SCEGGS Darlinghurst - MasterPlan and Stage 1 Wilkinson House Redevelopment - SSDA Project	469 days	1/06/22	27/03/24																									SCEGGS Darlinghurst
1	Wilkinson House	469 days	1/06/22	27/03/24																									Wilkinson House
2	KEY MILESTONES	469 days	1/06/22	27/03/24																									KEY MILESTONES
3	Tender Closing Date	0 days	1/06/22	1/06/22																									
4	Letter of Acceptance / Award Contract	0 days	26/07/22	26/07/22																									
5	Demountables - Start Functioning for Wilkinson House Learning Areas	0 days	23/08/22	23/08/22																									
6	Stage 1 - Site Establishment - Complete	0 days	7/09/22	7/09/22																									
7	Stage 1 - Demolition Works Complete	0 days	7/02/23	7/02/23																									
8	Basement - Slab On Ground - Complete	0 days	9/05/23	9/05/23																									
9	Stage 1 - Concrete Structure Works - Complete	0 days	25/07/23	25/07/23																									
10	Stage 1 - Building Mainly Watertight	0 days	2/09/23	2/09/23																									
11	Stage 1 - External Façade Works - Complete	0 days	10/10/23	10/10/23																									
12	Lift Installation - Complete	0 days	23/10/23	23/10/23																									
13	Stage 1 - Internal Services & Finishes - Complete	0 days	13/11/23	13/11/23																									
14	Stage 1 - External Works - Complete	0 days	15/11/23	15/11/23																									
15	Stage 1 - Handover for Occupation (Net Date)	0 days	1/12/23	1/12/23																									
16	Stage 1 - Handover for Occupation (Gross Date)	0 days	27/03/24	27/03/24																									
17	OFFSITE ACTIVITIES	135 days	1/06/22	6/12/22																									
18	HEAD CONTRACTOR APPOINTMENT	40 days	1/06/22	26/07/22																									
19	Tender Closing Date	0 days	1/06/22	1/06/22																									
20	Tender Assessment	40 days	1/06/22	26/07/22																									
21	Letter of Acceptance / Award Contract	0 days	26/07/22	26/07/22																									
22	DESIGN DEVELOPMENT AND MANAGEMENT	70 days	26/07/22	1/11/22																									
23	Start Up Documentation and Management Plans	10 days	27/07/22	9/08/22																									
24	SSDA Consent Issued by Client	0 days	26/07/22	26/07/22																									
25	Obtain Demolition License	10 days	27/07/22	9/08/22																									
26	Obtain CC1 - Substructure	20 days	27/07/22	23/08/22																									
27	Obtain CC2 - Structure Works	20 days	24/08/22	20/09/22																									
28	Obtain CC3 - Services & Finishes	30 days	21/09/22	1/11/22																									
29	PROCUREMENT AND SUBCONTRACT LETTING	95 days	27/07/22	6/12/22																									
30	Initial Mobilisation	10 days	27/07/22	9/08/22																									
31	Let Site Establishment Contract (Main Works)	10 days	27/07/22	9/08/22																									
32	Demolition Works - Tender, Evaluate & Award	10 days	27/07/22	9/08/22																									
33	Demolition Works - Finalise Work Method Statement / Mobilise to Site	9 days	10/08/22	22/08/22																									
34	Civil Works (Earthwork, Foundation & Stormwater) - Tender, Evaluate & Award	20 days	27/07/22	23/08/22																									
35	Civil Works (Earthwork, Foundation & Stormwater) - Shop Drawings Approval / Mobilise to Site	20 days	24/08/22	20/09/22																									
36	Concrete Works - Tender, Evaluate & Award	20 days	27/07/22	23/08/22																									
37	Concrete Works - Shop Drawings Approval / Mobilise to Site	20 days	24/08/22	20/09/22																									
38	Roof Frames & Trusses - Tender, Evaluate & Award	20 days	10/08/22	6/09/22																									
39	Roof Frames & Trusses - Technical Submission / Shop drawing Approval	20 days	7/09/22	4/10/22																									
40	Roof Frames & Trusses - Manufacture & Delivery Lead In Time	45 days	5/10/22	6/12/22																									
41	Roofing & Cladding - Tender, Evaluate & Award	20 days	10/08/22	6/09/22																									
42	Roofing & Cladding - Technical Submission / Shop drawing Approval	20 days	7/09/22	4/10/22																									
43	Roofing & Cladding - Manufacture & Delivery Lead In Time	30 days	5/10/22	15/11/22																									
44	Main Services - Tender, Evaluate & Award	20 days	17/08/22	13/09/22																									
45	Main Services - Shop Drawings Approval / Mobilise to Site	20 days	14/09/22	11/10/22																									
46	Main Services - Major Plant - Lead In time	60 days	14/09/22	6/12/22																									
47	Lift - Tender, Evaluate & Award	20 days	17/08/22	13/09/22																									
48	Lift - Product Approval / Manufacture & Deliver at Site	60 days	14/09/22	6/12/22																									
49	Architectural Finishes - Tender, Evaluate & Award	30 days	24/08/22	4/10/22																									
50	Architectural Finishes - Shop Drawings Approval / Mobilise to Site	30 days	5/10/22	15/11/22																									
51	ONSITE CONSTRUCTION	418 days																											

Project: SCEGGS Darlinghurst - Date: 10/09/21	Task		Milestone		Project Summary		Progress		Critical		
	Split		Summary		Deadline		Manual Progress				

SCEGGS DARLINGHURST - WILKINSON HOUSE REDEVELOPMENT PRELIMINARY CONSTRUCTION PROGRAMME
SSDA PROGRAMME

ID	Task Name	Duration	Start	Finish	2022												2023																		
					May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May						
116	GF PT	2 days	17/05/23	18/05/23																															
117	GF Top Reo	3 days	18/05/23	22/05/23																															
118	GF Inspection	1 day	23/05/23	23/05/23																															
119	GF Pour	1 day	24/05/23	24/05/23																															
120	LEVEL 1	12 days	25/05/23	8/06/23																															
121	FRP Columns and Walls upto Level 1 Floor	4 days	25/05/23	29/05/23																															
122	FRP Level 1 Floor PT Slab	11 days	26/05/23	8/06/23																															
123	L1 Formwork	5 days	26/05/23	31/05/23																															
124	L1 Bottom Reo	3 days	31/05/23	2/06/23																															
125	L1 PT	2 days	1/06/23	2/06/23																															
126	L1 Top Reo	3 days	2/06/23	6/06/23																															
127	L1 Inspection	1 day	7/06/23	7/06/23																															
128	L1 Pour	1 day	8/06/23	8/06/23																															
129	LEVEL 2	12 days	9/06/23	26/06/23																															
130	FRP Columns and Walls upto Level 2 Floor	4 days	9/06/23	15/06/23																															
131	FRP Level 2 Floor PT Slab	11 days	10/06/23	26/06/23																															
132	L2 Formwork	5 days	10/06/23	19/06/23																															
133	L2 Bottom Reo	3 days	19/06/23	21/06/23																															
134	L2 PT	2 days	20/06/23	21/06/23																															
135	L2 Top Reo	3 days	21/06/23	23/06/23																															
136	L2 Inspection	1 day	24/06/23	24/06/23																															
137	L2 Pour	1 day	26/06/23	26/06/23																															
138	LEVEL 3	12 days	27/06/23	12/07/23																															
139	FRP Columns and Walls upto Level 3 Floor	4 days	27/06/23	30/06/23																															
140	FRP Level 3 Floor PT Slab	11 days	28/06/23	12/07/23																															
141	L3 Formwork	5 days	28/06/23	4/07/23																															
142	L3 Bottom Reo	3 days	4/07/23	6/07/23																															
143	L3 PT	2 days	5/07/23	6/07/23																															
144	L3 Top Reo	3 days	6/07/23	8/07/23																															
145	L3 Inspection	1 day	11/07/23	11/07/23																															
146	L3 Pour	1 day	12/07/23	12/07/23																															
147	ROOF	10 days	13/07/23	25/07/23																															
148	FRP Columns and Walls upto Roof	3 days	13/07/23	17/07/23																															
149	FRP Level Shafts Lid Slabs at Roof Level	7 days	18/07/23	25/07/23																															
150	Stage 1 - Concrete Structure Works - Complete	0 days	25/07/23	25/07/23																															
151	FLOOR STRIPPING SEQUENCE (Including Waler Beams)	24 days	3/07/23	2/08/23																															
152	Basement Floor - Strip (u/s GF Slab)	4 days	3/07/23	6/07/23																															
153	Ground Floor - Strip (u/s L1F Slab)	4																																	

SCEGGS DARLINGHURST - WILKINSON HOUSE REDEVELOPMENT PRELIMINARY CONSTRUCTION PROGRAMME
SSDA PROGRAMME

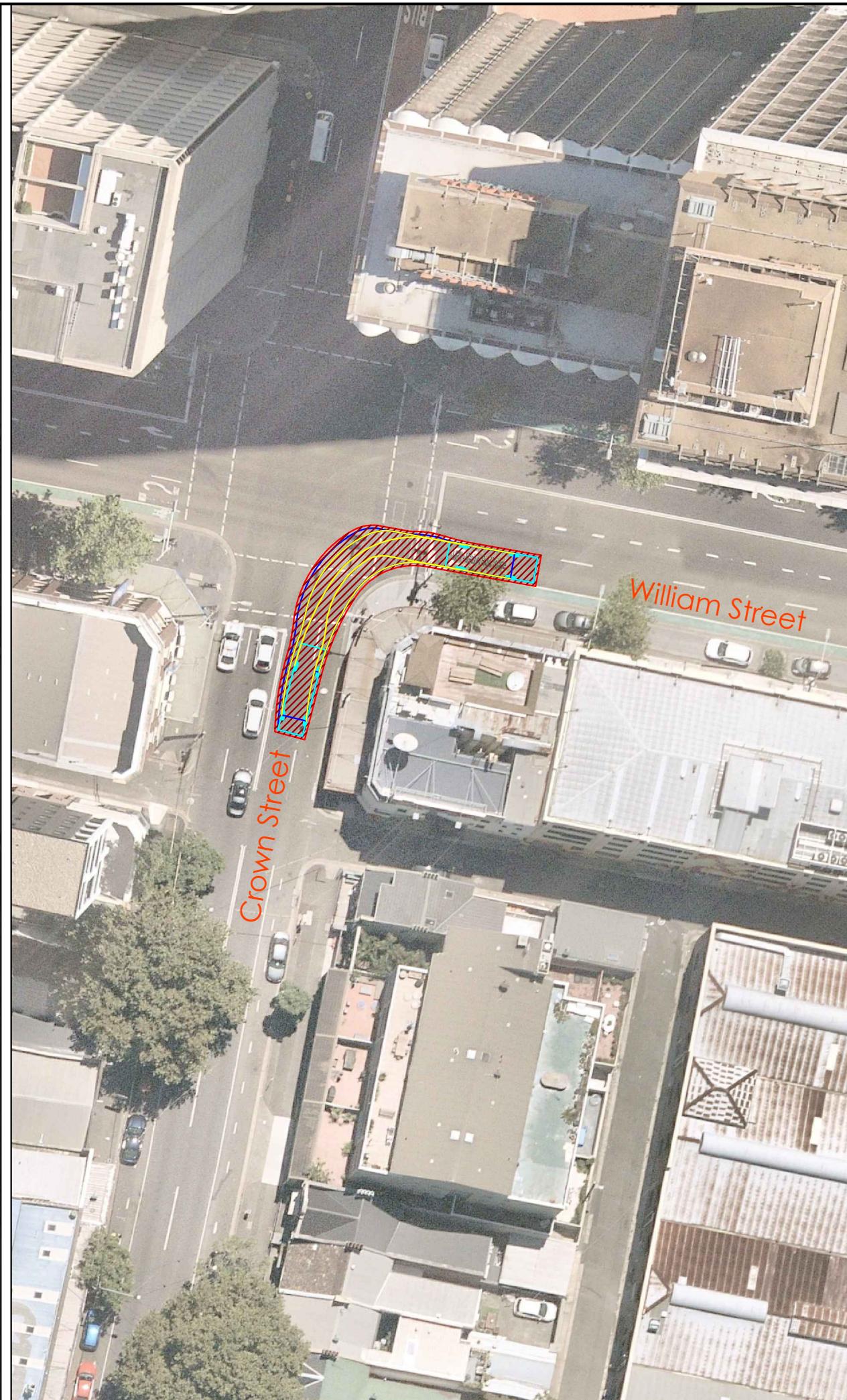
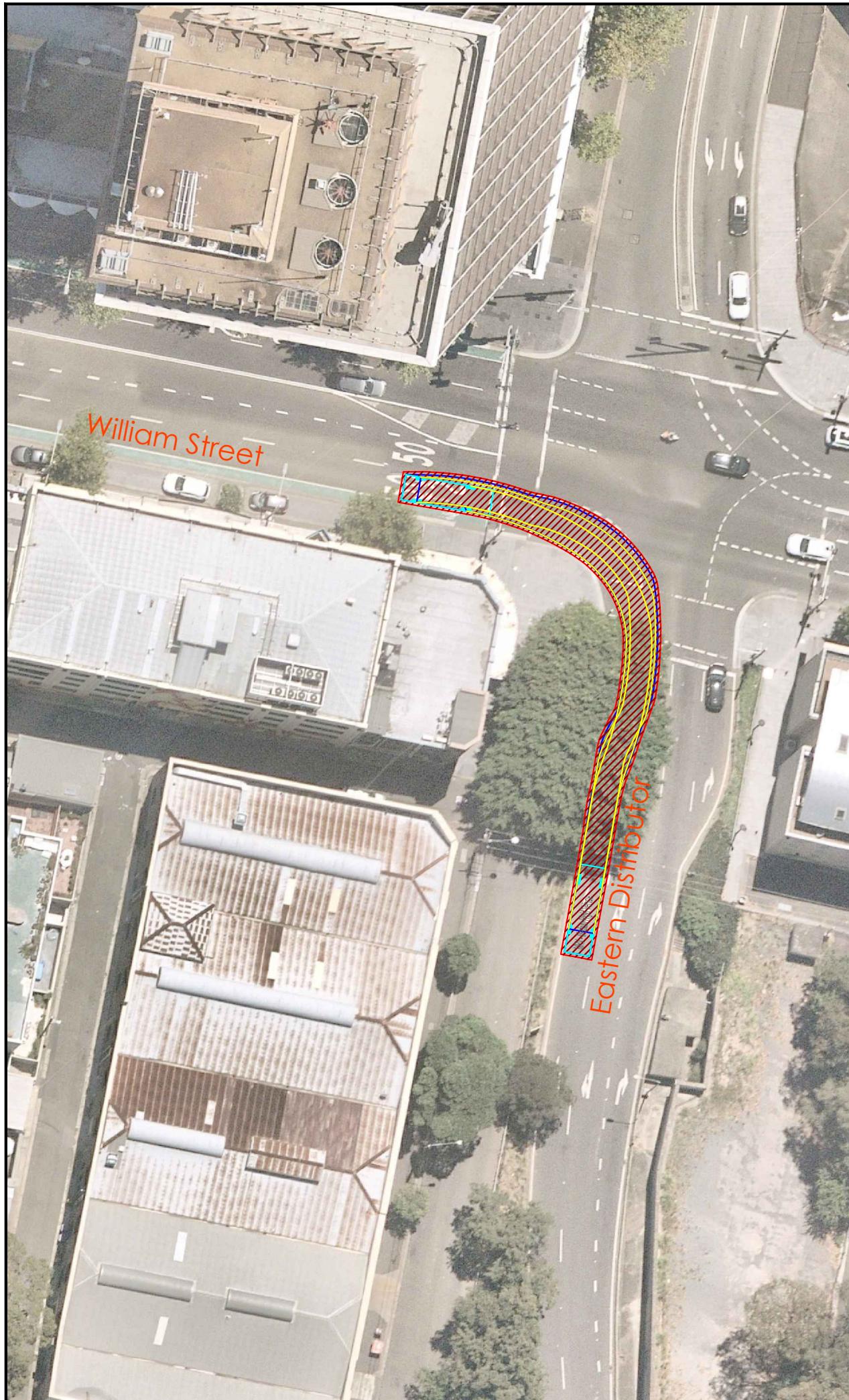
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174	Lift	24 days	26/07/23	25/08/23																												
175	Install Lift Shaft Cladding	24 days	26/07/23	25/08/23																												
176	ROOF	37 days	18/07/23	2/09/23																												
177	Install Roof Truss / Structural Framing	18 days	18/07/23	9/08/23																												
178	Install Roof Drainage / Roofing Works	12 days	10/08/23	24/08/23																												
179	Stage 1 - Building Mainly Watertight	0 days	2/09/23	2/09/23																												
180	EXTERNAL FAÇADE	26 days	5/09/23	10/10/23																												
181	Paint	10 days	5/09/23	16/09/23																												
182	Install Sunshades	12 days	5/09/23	19/09/23																												
183	Patch Up and Apply Final Façade Finishes	8 days	16/09/23	26/09/23																												
184	Defects Inspection & Rectification / Progressively Bringdown Scaffolding	12 days	22/09/23	10/10/23																												
185	Stage 1 - External Façade Works - Complete	0 days	10/10/23	10/10/23																												
186	LIFT INSTALLATION	56 days	9/08/23	23/10/23																												
187	Builder's Works in Lift Shaft	10 days	9/08/23	21/08/23																												
188	Lift Installation Works	40 days	22/08/23	14/10/23																												
189	Lift - Testing & Commissioning	6 days	16/10/23	23/10/23																												
190	Lift Installation - Complete	0 days	23/10/23	23/10/23																												
191	INTERNAL SERVICES AND FINISHES	86 days	21/07/23	13/11/23																												
192	BASEMENT	66 days	21/07/23	17/10/23																												
193	Install High Level Services	12 days	21/07/23	4/08/23																												
194	Install Internal Partition Walls	7 days	3/08/23	11/08/23																												
195	Install Lobby Wall	2 days	3/08/23	4/08/23																												
196	In wall Services / Test Prior to Lining	8 days	14/08/23	22/08/23																												
197	Install Wall Linings and False Ceiling / Set and Sand	7 days	23/08/23	31/08/23																												
198	Apply Initial Paint	2 days	1/09/23	2/09/23																												
199	Services Fit out / Doors etc.	6 days	5/09/23	12/09/23																												
200	Apply Final Coat Paint / Final Fit out	2 days	13/09/23	14/09/23																												
201	Install Carpet Flooring / Vinyl	6 days	15/09/23	21/09/23																												
202	Common Areas / Stairs / Corridors - Services and Finishes	9 days	5/09/23	15/09/23																												
203	Plant Rooms - Builder's Works	5 days	5/09/23	11/09/23																												
204	Plant Rooms - Install Equipments / Testing & Commissioning	15 days	12/09/23	29/09/23																												
205	Basement - Testing & Commissioning / Defects Inspection & Rectification	6 days	30/09/23	10/10/23																												
206	Basement - Move In FF & E	6 days	11/10/23	17/10/23																												
207	Basement - Services & Finishes - Complete	0 days	17/10/23	17/10/23																												
208	GROUND LEVEL	60 days	1/08/23	19/10/23																												
209	Install High Level Services	12 days	1/08/23	16/08/23																												
210	Install Lobby Wall	2 days	15/08/23	16/08/23																												
211	Install Internal Partition Walls	7 days	15/08/23	22/08/23																												
212	In wall Services / Test Prior to Lining	8 days	23/08/23	1/09/23																												
213	Install Wall Linings and False Ceiling / Set and Sand	7 days</td																														

SCEGGS DARLINGHURST - WILKINSON HOUSE REDEVELOPMENT PRELIMINARY CONSTRUCTION PROGRAMME
SSDA PROGRAMME

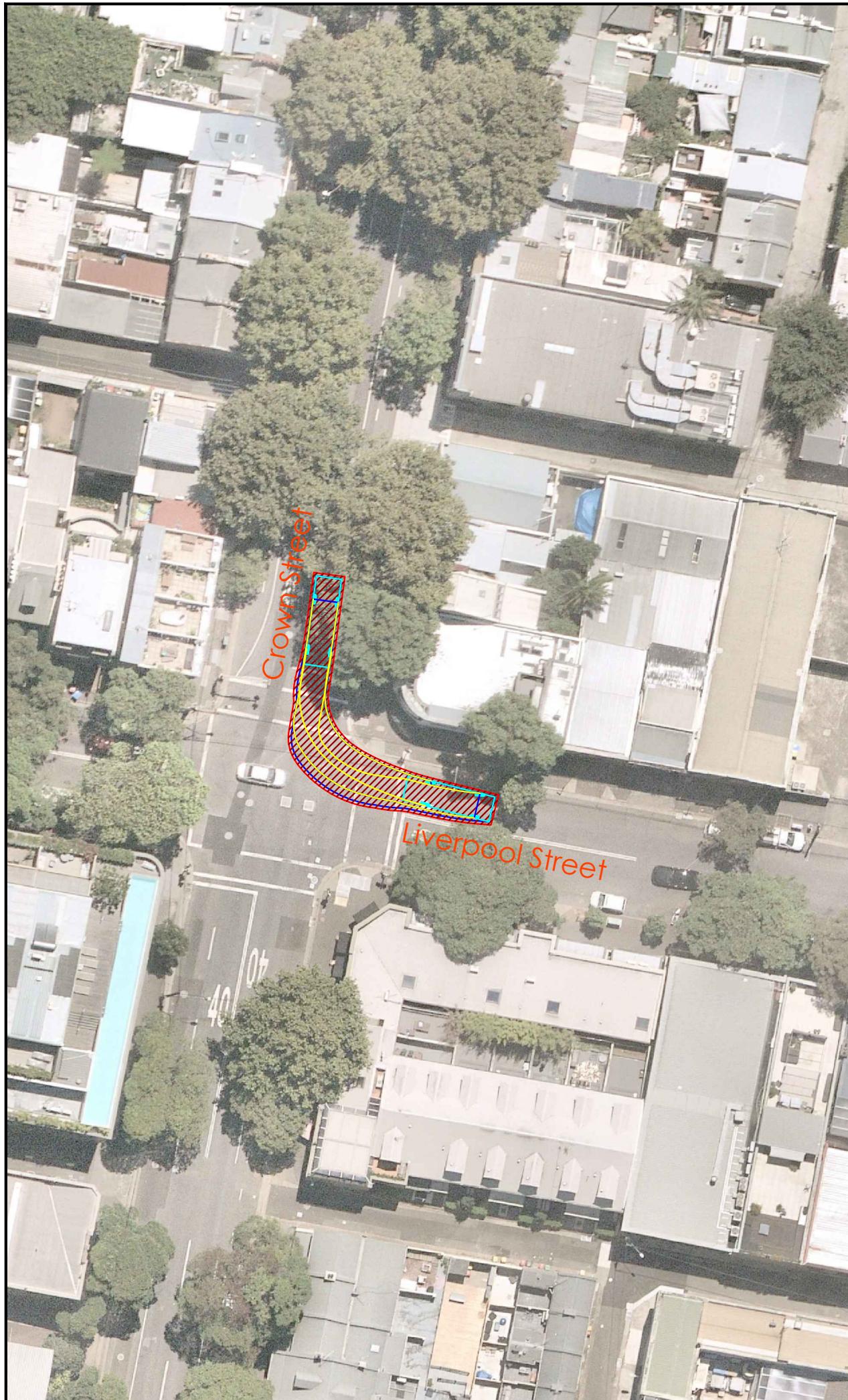
ID	Task Name	Duration	Start	Finish	2022							2023							Jan	Feb	Mar	Apr	May	
					May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
290	Decant back FF&E / Remove Demountables / Clean up & Handover	10 days	21/11/23	1/12/23																				Decant back FF&E / Remove Demountables / Clean
291	Stage 1 - Handover for Occupation (Net Date)	0 days	1/12/23	1/12/23																				Stage 1 - Handover for Occupation (Net Date) ◆ 1/12
292	Stage 1 - Delay Allowance for Inclement Weather (~12.5% Onsite duration)	42 days	6/12/23	13/02/24																				Stage 1 - Delay Allowance for
293	Stage 1 - Time Contingency for Other Risk (~10% Onsite duration)	33 days	14/02/24	27/03/24																				Stage 1 - Time Co
294	Stage 1 - Handover for Occupation (Gross Date)	0 days	27/03/24	27/03/24																				Stage 1 - Handover for Occupation (Gross Date) ◆ 27/03

APPENDIX C

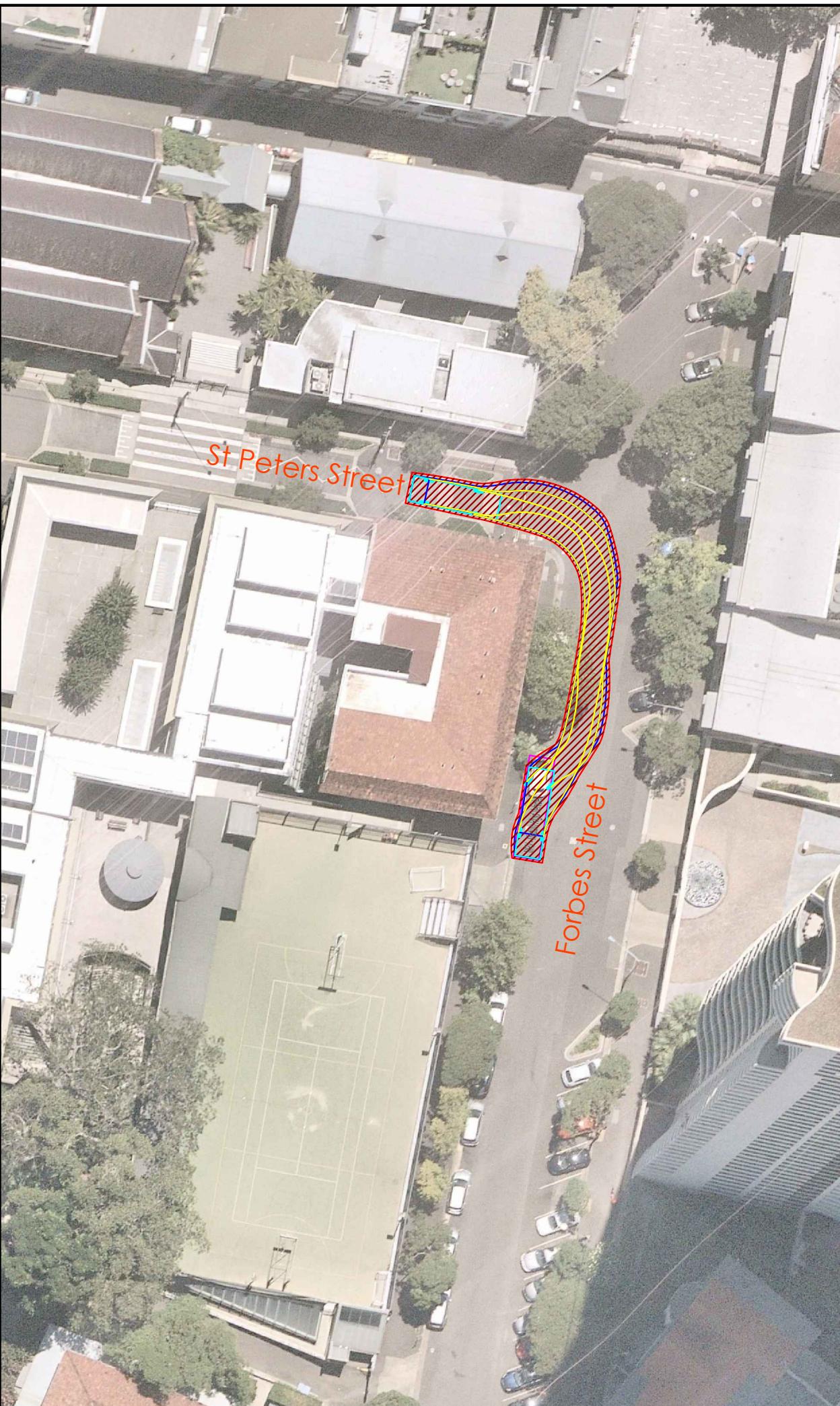
Swept Path Analysis



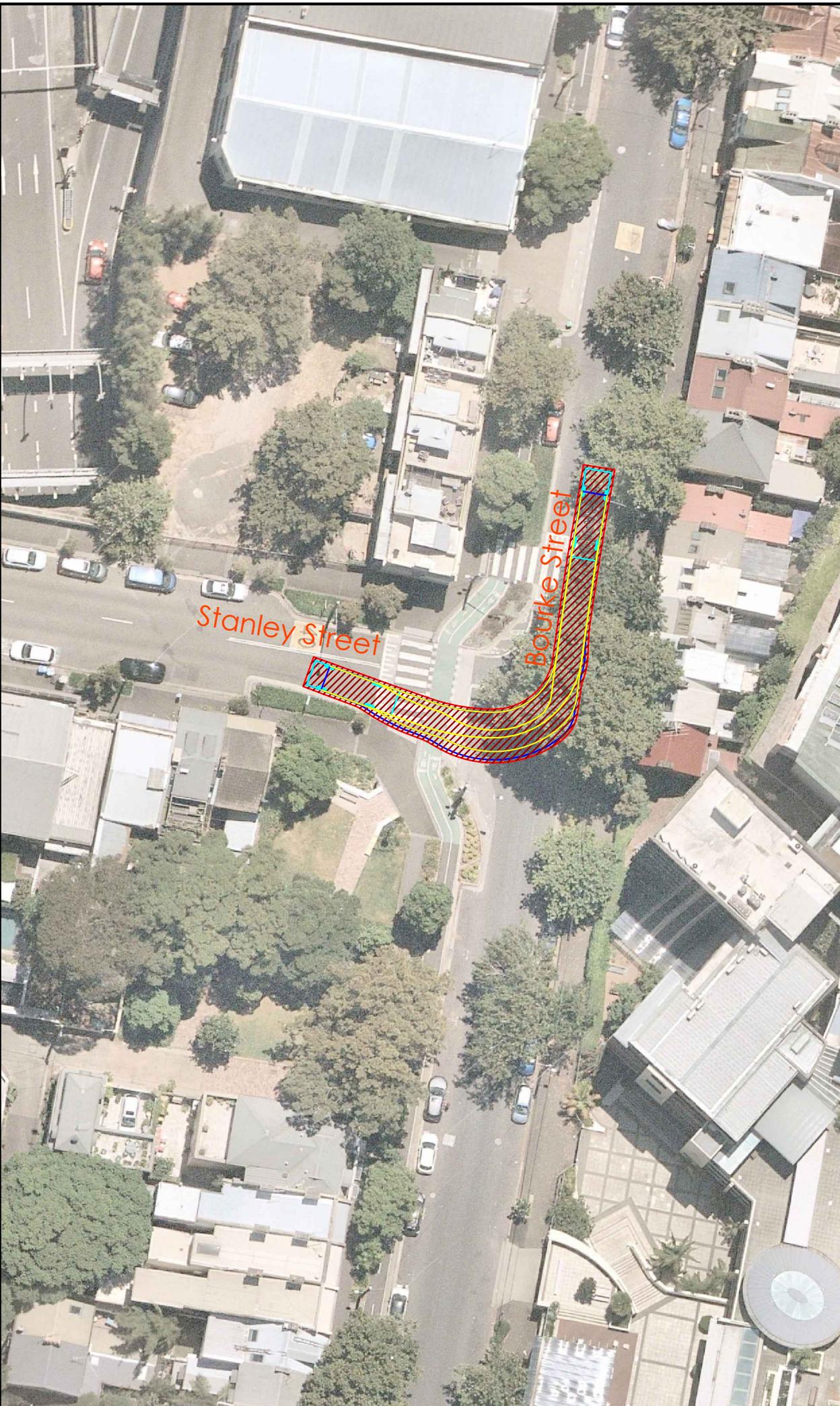
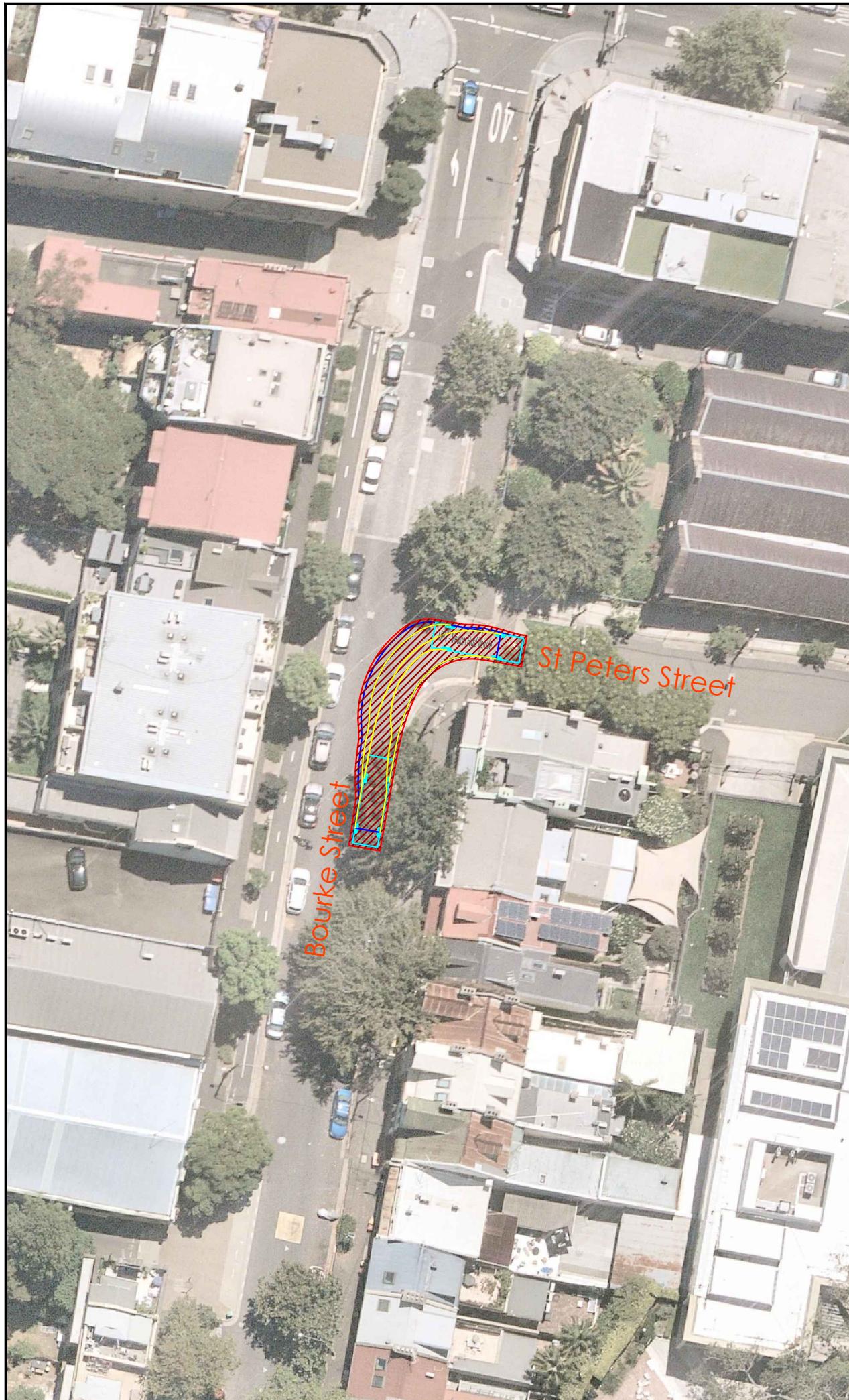
<p>Notes:</p> <p>This drawing is prepared for information purposes only. It is not to be used for construction.</p> <p>TRAFFIX is responsible for vehicle swept path diagrams and/or drawing mark-ups only. Base drawing prepared by others.</p> <p>Vehicle swept path diagrams prepared using computer generated turning path software and associated CAD drawing platforms. Vehicle data based upon relevant Australian Standards (AS/NZS 2890.1:2004 <i>Parking facilities - Off-street car parking</i>, and/or AS2890.2:2002 <i>Parking facilities - Off-street commercial vehicle facilities</i>). These standards embody a degree of tolerance, however the vehicle characteristics in these standards represent a suitable design vehicle and do not account for all variations in vehicle dimensions / specifications and/or driver ability or behaviour.</p>		
Rev. A	Revision Note MRV Truck Routes	By. Date TL 29-09-21
<p>Swept Path Legend</p> <ul style="list-style-type: none"> — Yellow Line — Wheel Path — Blue Line — Vehicle Body Envelope — Red Hatched — Clearance Envelope (300mm) 		
<p>Architect NA</p>		
<p>Client SCEGGS Darlinghurst</p>		
<p>Scale / Plan Orientation</p> 		
<p>Project Description SCEGGS Darlinghurst - Wilkinson House Development 165-215 Forbes Street, Darlinghurst NSW 2010</p>		
<p>Drawing Prepared By</p> <div style="display: flex; align-items: center;">  <div style="margin-left: 10px;"> <p>Suite 2.08, 50 Holt Street Surry Hills, NSW 2010 PO Box 1124 Strawberry Hills, NSW 2012</p> <p>t: +61 2 8324 8700 f: +61 2 9830 4481 w: www.traffix.com.au</p> </div> </div>		
<p>Drawing Title Swept Path Analysis 8.8m Medium Rigid Vehicle (MRV)</p>		
<p>Drawn: TL Checked: BL Date: 29-09-21</p>		
<p>17.312d12v01 - Prelim CTMP Swept Paths.dwg</p>		
Project No.	Drawing Phase	Drawing No. Rev.
17.312	DA	TX.01 A



<p>Notes:</p> <p>This drawing is prepared for information purposes only. It is not to be used for construction.</p> <p>TRAFFIX is responsible for vehicle swept path diagrams and/or drawing mark-ups only. Base drawing prepared by others.</p> <p>Vehicle swept path diagrams prepared using computer generated turning path software and associated CAD drawing platforms. Vehicle data based upon relevant Australian Standards (AS/NZS 2890.1:2004 Parking facilities - Off-street car parking, and/or AS2890.2:2002 Parking facilities - Off-street commercial vehicle facilities). These standards embody a degree of tolerance, however the vehicle characteristics in these standards represent a suitable design vehicle and do not account for all variations in vehicle dimensions / specifications and/or driver ability or behaviour.</p>			
<p>Rev. Revision Note</p> <p>A MRV Truck Routes</p> <p>By. Date</p> <p>TL 29-09-21</p>			
<p>Swept Path Legend</p> <p>Yellow line: Wheel Path</p> <p>Blue line: Vehicle Body Envelope</p> <p>Red hatched area: Clearance Envelope (300mm)</p>			
<p>Architect</p> <p>NA</p>			
<p>Client</p> <p>SCEGGS Darlinghurst</p>			
<p>Scale / Plan Orientation</p> <p>0 5 10 15 20m</p> <p>1:500 @ A3</p>			
<p>Project Description</p> <p>SCEGGS Darlinghurst - Wilkinson House Development 165-215 Forbes Street, Darlinghurst NSW 2010</p>			
<p>Drawing Prepared By</p> <p> TRAFFIX TRAFFIC & TRANSPORT PLANNERS Suite 2.08, 50 Holt Street Surry Hills, NSW 2010 PO Box 1124 Strawberry Hills, NSW 2012 t: +61 2 8324 8700 f: +61 2 9830 4481 w: www.traffix.com.au</p>			
<p>Drawing Title</p> <p>Swept Path Analysis 8.8m Medium Rigid Vehicle (MRV)</p>			
<p>Drawn: TL Checked: BL Date: 29-09-21</p>			
<p>17.312d12v01 - Prelim CTMP Swept Paths.dwg</p>			
Project No.	Drawing Phase	Drawing No.	Rev.
17.312	DA	TX.02	A



<p>Notes:</p> <p>This drawing is prepared for information purposes only. It is not to be used for construction.</p> <p>TRAFFIX is responsible for vehicle swept path diagrams and/or drawing mark-ups only. Base drawing prepared by others.</p> <p>Vehicle swept path diagrams prepared using computer generated turning path software and associated CAD drawing platforms. Vehicle data based upon relevant Australian Standards (AS/NZS 2890.1:2004 <i>Parking facilities - Off-street car parking</i>, and/or AS2890.2:2002 <i>Parking facilities - Off-street commercial vehicle facilities</i>). These standards embody a degree of tolerance, however the vehicle characteristics in these standards represent a suitable design vehicle and do not account for all variations in vehicle dimensions / specifications and/or driver ability or behaviour.</p>		
Rev. A	Revision Note MRV Truck Routes	By. Date TL 29-09-21
<p>Swept Path Legend</p> <ul style="list-style-type: none"> Yellow line: Wheel Path Blue line: Vehicle Body Envelope Red hatched area: Clearance Envelope (300mm) 		
<p>Architect NA</p>		
<p>Client SCEGGS Darlinghurst</p>		
<p>Scale / Plan Orientation</p>  <p>1:500 @ A3</p>		
<p>Project Description SCEGGS Darlinghurst - Wilkinson House Development 165-215 Forbes Street, Darlinghurst NSW 2010</p>		
<p>Drawing Prepared By</p> <div style="display: flex; align-items: center;">  <p>TRAFFIX TRAFFIC & TRANSPORT PLANNERS</p> </div> <p>Suite 2.08, 50 Holt Street Surry Hills, NSW 2010 PO Box 1124 Strawberry Hills, NSW 2012</p> <p>t: +61 2 8324 8700 f: +61 2 9830 4481 w: www.traffix.com.au</p>		
<p>Drawing Title Swept Path Analysis 8.8m Medium Rigid Vehicle (MRV)</p>		
<p>Drawn: TL Checked: BL Date: 29-09-21</p>		
<p>17.312d12v01 - Prelim CTMP Swept Paths.dwg</p>		
Project No.	Drawing Phase	Drawing No. Rev.
17.312	DA	TX.03 A



Notes:
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Vehicle swept path diagrams prepared using computer generated turning path software and associated CAD drawing platforms. Vehicle data based upon relevant Australian Standards (AS/NZS 2890.1:2004 Parking facilities - Off-street car parking, and/or AS2890.2:2002 Parking facilities - Off-street commercial vehicle facilities). These standards embody a degree of tolerance, however the vehicle characteristics in these standards represent a suitable design vehicle and do not account for all variations in vehicle dimensions / specifications and/or driver ability or behaviour.

Rev. Revision Note By. Date
A MRV Truck Routes TL 29-09-21

Swept Path Legend
— Wheel Path
— Vehicle Body Envelope
— Clearance Envelope (300mm)

Architect
NA

Client
SCEGGS Darlinghurst

Scale / Plan Orientation
0 5 10 15 20m
1:500 @ A3

Project Description
SCEGGS Darlinghurst - Wilkinson House Development
165-215 Forbes Street, Darlinghurst NSW 2010

Drawing Prepared By



Suite 2.08, 50 Holt Street
Surry Hills, NSW 2010
PO Box 1124
Strawberry Hills, NSW 2012

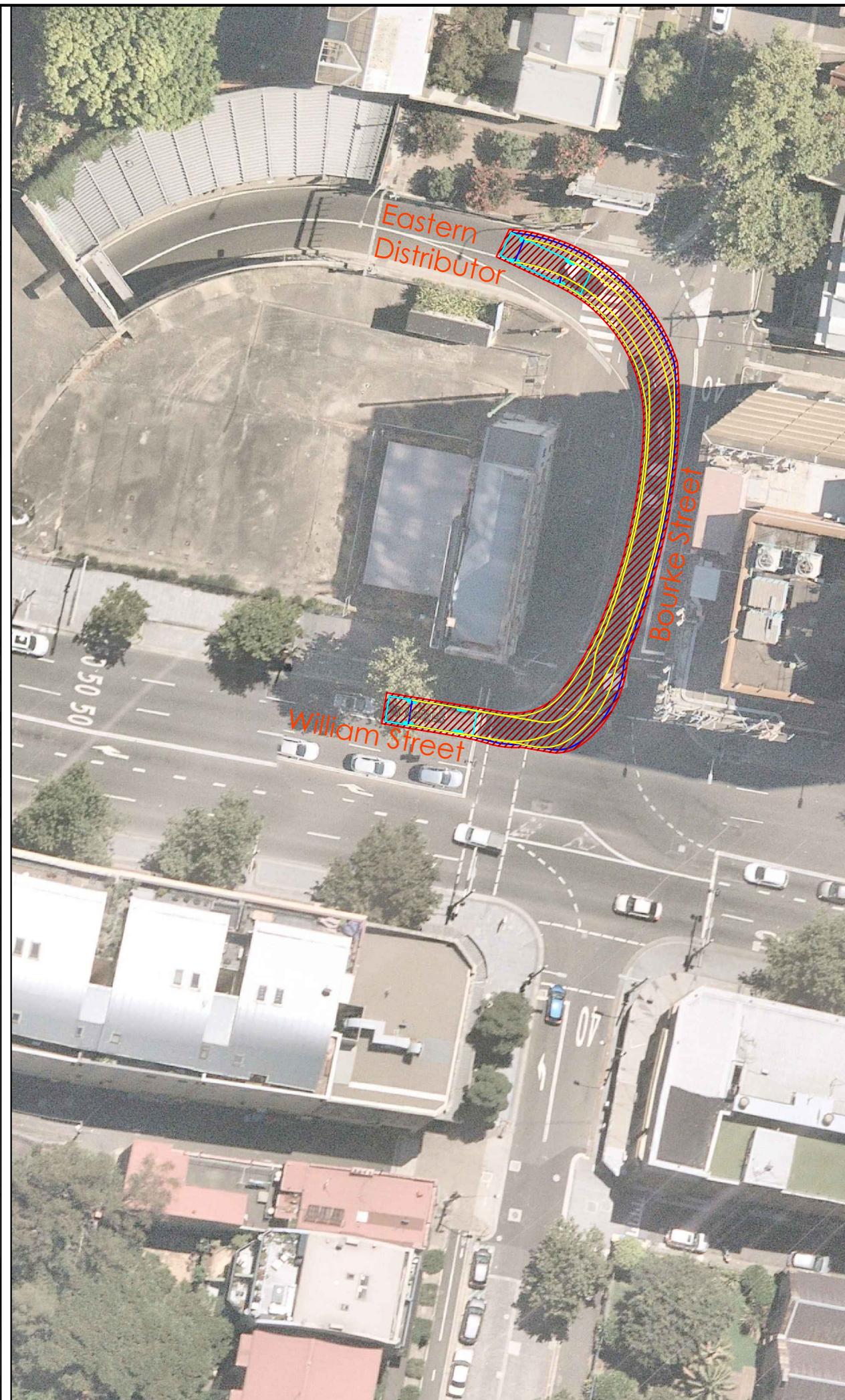
t: +61 2 8324 8700
f: +61 2 9830 4481
w: www.traffix.com.au

Drawing Title
Swept Path Analysis
8.8m Medium Rigid Vehicle (MRV)

Drawn: TL Checked: BL Date: 29-09-21

17.312d12v01 - Prelim CTMP Swept Paths.dwg

Project No.	Drawing Phase	Drawing No.	Rev.
17.312	DA	TX.04	A



Notes:
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Rev. Revision Note By. Date
A MRV Truck Routes **TL** 29-09-21

Swept Path Legend
 Wheel Path
 Vehicle Body Envelope
 Clearance Envelope (300mm)

Architect
NA

Client
SCEGGS Darlinghurst

Scale / Plan Orientation
 0 5 10 15 20m
 1:500 @ A3

Project Description
SCEGGS Darlinghurst - Wilkinson House Development
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Drawing Title
Swept Path Analysis
8.8m Medium Rigid Vehicle (MRV)

Drawn: **TL** Checked: **BL** Date: **29-09-21**

17.312d12v01 - Prelim CTMP Swept Paths.dwg

Project No.	Drawing Phase	Drawing No.	Rev.
17.312	DA	TX.05	A