Construction Pedestrian and Traffic Management Plan

90-102 Regent Street, Redfern

Student Accommodation

Prepared for: Richard Crookes Constructions Pty Ltd

Prepared By: Matthew Young
RMS Prepare a Work Zone Traffic Management Plan
Certificate #: 0051718998

Tuesday, 19 October 2021
Document Number: SBMG02328-00 R1

Table of Contents

1 Project Details

1.1 Project Summary

Project: Student Accommodation
Location: 90-102 Regent Street, Redfern NSW

Hours of Operation:	Monday – Friday	7:00am – 6:00pm
	Saturday	7:30am – 3:30pm
	No work on Sunday or Public Holidays	

Scope of Works: Demolition of existing structures, construction of a multi-storey student accommodation development.

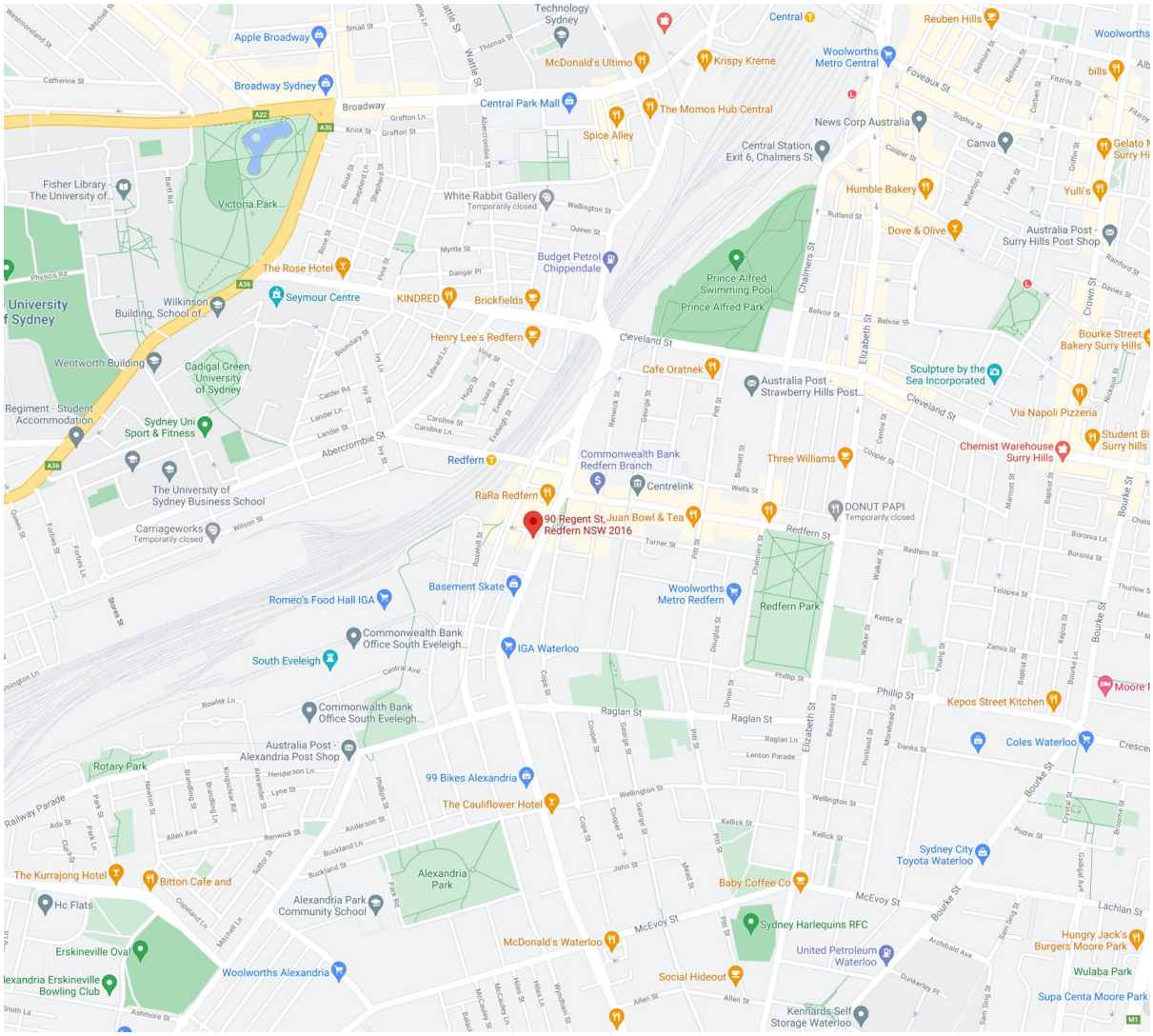
This Traffic Management Plan has been prepared to satisfy condition C17 contained within the consent (ref: SSD-10382).

The processes outlined within this Construction, Pedestrian and Traffic Management Plan will comply with the requirements stated within the City of Sydney Standard Requirements for a Construction Traffic Management Plan (see appendix D for standard requirements)

1.2 Revisions

Rev	Date	Description
0	09/09/2021	Initial Submission
1	19/10/2021	Updated to address CoS comments

1.3 Location Map



1.4 Development Process

This traffic management plan covers the stage(s) listed below, subsequent stages will require amendments and additional plans to be prepared.

Included Stages / Phases:

Stage / Phase	Duration (approx.)
Demolition	12 Weeks
Excavation	6 Weeks – Bulk 2 Weeks – Detail
Construction – Structure	32 Weeks
Construction – Fit Out	32 Weeks

1.5 Demolition and Excavation Works

Daily Vehicle Movements:

	SRV	MRV	HRV	Total
Length	6.4m	8.8m	12.5m	
Peak Movements (Vehicles)		20(10)		20(10)
Average Movements (Vehicles)		16(8)		16(8)

General Type of Works:

- Demolition of existing structures, removal of demolished material from site
- Excavation works for basement level, removal of excavated material from site

1.6 Construction - Structure

Daily Vehicle Movements:

	SRV	MRV	HRV	Total
Length	6.4m	8.8m	12.5m	
Peak Movements (Vehicles)		40(20)		40(20)
Average Movements (Vehicles)		32(16)		32(16)
Concrete Pours (pour days only		40(20)	4(2)	44(22)

Concrete Pour Schedule: approx. 1 day each week for 28 weeks.

General Type of Works:

- General construction activity for building structure (floor slabs, walls, etc.)

- Concrete pours

1.7 Construction – Fit Out

Daily Vehicle Movements:

	SRV	MRV	HRV	Total
Length	6.4m	8.8m	12.5m	
Peak Movements (Vehicles)	8(4)	12(6)	4(2)	24(12)
Average Movements (Vehicles)	4(2)	8(4)	2(1)	14(7)
Concrete Pours (pour days only		40(20)	4(2)	44(22)

General Type of Works:
- Associated plumbing and electrical works
- Fit-out works
- Associated landscaping works

2 Existing Conditions

2.1 Roadways

Road Name	Direction	Lanes	Speed Limit	Kerb Restrictions	Pedestrian Access
Regent Street	Southbound (One-way)	4	50	Mix of No Stopping & 1P 8:30am – 6pm Mon-Fri & 8:30am – 12:30pm Sat	Footpath along both sides
Marian Street	Westbound (One-way)	1	50	No Stopping on southern side 1P 8:30am – 6pm Mon-Fri on the northern side	Footpath along both sides
William Lane	Both Directions	2-way local road	50	No Stopping / No Parking	Footpath along western side

2.2 Public Transport

Rail – Redfern Station 200m north from site

Buses – Bus routes along both Gibbons Street and Regent Street. No bus stops along the site frontages

Taxi - No dedicated infrastructure within close proximity to the site, however, there is frequent utilisation of taxi and ride sharing services in the local area.

3 Proposed Management of Construction Vehicles

3.1 General

- A schedule of site inductions shall be held on regular occasions and as determined necessary to ensure all new employees are aware of the construction management obligations.

3.2 Demolition Phase

a) Approach and Departure Routes

Site Access – Marian Street (Vehicles up to 8.8m in length)

- Approach Route 1 – Traveling along City Road, turn onto Cleveland Street, turn right onto Regent Street, turn right onto Marian Street and then turn left onto the site in a forward-facing direction.
- Approach Route 2 - Traveling along South Dowling Street, turn onto Cleveland Street, turn left onto Regent Street, turn right onto Marian Street and then turn left onto the site in a forward-facing direction.
- Approach Route 3 – Traveling north along Botany Road, turn left onto Henderson Road, turn right onto Wyndham Street, continue onto Gibbons Street, turn right onto Lawson Square, turn right onto Regent Street, turn right onto Marian Street and then turn left onto the site in a forward-facing direction.
- Departure Route 1 – In a forward-facing direction exit the site and turn left onto Marian Street, turn right onto Gibbons Street, turn left onto Cleveland Street and then turn onto City Road.
- Departure Route 2 – In a forward-facing direction exit the site and turn left onto Marian Street, turn right Gibbons Street, turn right onto Lawson Square, turn right onto Regent Street and then continue onto Botany Road.

b) Site Access

- Site vehicles to enter and exit the site using the 6m construction access point off Marian Street.

c) Vehicle movements within the site

- Vehicles will enter and exit the site in a forward-facing direction.

d) Loading and Unloading of Vehicles

- All vehicles to be loaded and unloaded within the site boundaries.

e) Vehicle Queuing

- Vehicles to stand within the site boundary only.
- Drivers are to contact the site prior to turning onto Cleveland Street from either City Road or South Dowling Street to ensure there is adequate space.

f) Removal of material from site

- Vehicles are to be loaded within site boundaries with crushed aggregate and shaker grid to be installed prior to exit point once hardstand area is removed.
- Vehicles inspected prior to leaving the site and cleaned as required to minimise contamination of surrounding roadways.
- Where water is used for cleaning vehicles, appropriate sediment control measures will be taken to ensure untreated water is not allowed to directly enter the storm water system.

g) Works Zone

- None proposed.

h) Standing Plant

- All equipment to be used within the site boundary only.

i) Parking for Site Workers

- Site workers to park within surrounding off-street parking facilities.

- No Parking on Public Roads
- Site workers will be encouraged to use public transport to travel to and from the site with facilities available onsite for tool and equipment storage.

j) Storage for Material, Waste and Equipment
- All storage to be located within the site boundaries only.

k) Pedestrian Management
- Pedestrian access past the site as per existing conditions along the concrete footpaths
- Traffic controllers located at site gates to manage pedestrian activity when vehicles are entering / exiting the site.
- Boundary fencing / hoarding installed around the site boundary as required to restrict public access.

l) Traffic Lanes
- Normal access maintained along Marian Street.
- Normal access maintained along William Lane.
- Traffic lanes maintained along Regent Street.

3.3 Excavation Phase

a) Approach and Departure Routes

Site Access – Marian Street (Vehicles up to 8.8m in length)
- Approach Route 1 – Traveling along City Road, turn onto Cleveland Street, turn right onto Regent Street, turn right onto Marian Street and then turn left onto the site in a forward-facing direction.
- Approach Route 2 - Traveling along South Dowling Street, turn onto Cleveland Street, turn left onto Regent Street, turn right onto Marian Street and then turn left onto the site in a forward-facing direction.
- Approach Route 3 – Traveling north along Botany Road, turn left onto Henderson Road, turn right onto Wyndham Street, continue onto Gibbons Street, turn right onto Lawson Square, turn right onto Regent Street, turn right onto Marian Street and then turn left onto the site in a forward-facing direction.
- Departure Route 1 – In a forward-facing direction exit the site and turn left onto Marian Street, turn right onto Gibbons Street, turn left onto Cleveland Street and then turn onto City Road.
- Departure Route 2 – In a forward-facing direction exit the site and turn left onto Marian Street, turn right Gibbons Street, turn right onto Lawson Square, turn right onto Regent Street and then continue onto Botany Road.

Site Access – William Lane (Vehicles up to 8.8m in length)
- Approach Route 1 – Traveling along City Road, turn onto Cleveland Street, turn right onto Regent Street, turn right onto Marian Street, turn left onto William Lane and then turn left onto the site in a forward-facing direction.
- Approach Route 2 - Traveling along South Dowling Street, turn onto Cleveland Street, turn left onto Regent Street, turn right onto Marian Street turn left onto William Lane and then turn left onto the site in a forward-facing direction.
- Approach Route 3 – Traveling north along Botany Road, turn left onto Henderson Road, turn right onto Wyndham Street, continue onto Gibbons Street, turn right onto Lawson Square, turn right onto Regent Street, turn right onto Marian Street, turn left onto William Lane and then turn left onto the site in a forward-facing direction.
- Departure Route 1 – In a forward-facing direction exit the site and turn right onto Williams Lane, turn left onto Marian Street, turn right onto Gibbons Street, turn left onto Cleveland Street and then turn onto City Road.

- Departure Route 2 – In a forward-facing direction exit the site and turn right onto William Lane, turn left onto Marian Street, turn right Gibbons Street, turn right onto Lawson Square, turn right onto Regent Street and then continue onto Botany Road.

b) Site Access
- Site vehicles to enter and exit the site using the 6m construction access points off William Lane & Marian Street.

c) Vehicle movements within the site
- Vehicles will enter and exit the site in a forward-facing direction.

d) Loading and Unloading of Vehicles
- All vehicles to be loaded and unloaded within the site boundaries.

e) Vehicle Queuing
- Vehicles to stand within the site boundary only.
- Drivers are to contact the site prior to turning onto Cleveland Street from either City Road or South Dowling Street to ensure there is adequate space.

f) Removal of material from site
- Vehicles are to be loaded within site boundaries with crushed aggregate and shaker grid to be installed prior to exit point once hardstand area is removed.
- Vehicles inspected prior to leaving the site and cleaned as required to minimise contamination of surrounding roadways.
- Where water is used for cleaning vehicles, appropriate sediment control measures will be taken to ensure untreated water is not allowed to directly enter the storm water system.

g) Works Zone
- None proposed.

h) Standing Plant
- All equipment to be used within the site boundary only.

i) Parking for Site Workers
- Site workers to park within surrounding off-street parking facilities.
- No Parking on Public Roads
- Site workers will be encouraged to use public transport to travel to and from the site with facilities available onsite for tool and equipment storage.

j) Storage for Material, Waste and Equipment
- All storage to be located within the site boundaries only.

k) Pedestrian Management
- Pedestrian access past the site as per existing conditions along the concrete footpaths
- Traffic controllers located at site gates to manage pedestrian activity when vehicles are entering / exiting the site.
- Boundary fencing / hoarding installed around the site boundary as required to restrict public access.

l) Traffic Lanes
- Normal access maintained along Marian Street.
- Normal access maintained along William Lane.
- Traffic lanes maintained along Regent Street.

3.4 Construction Phases

a) Approach and Departure Routes

Site Access – Marian Street (Vehicles up to 8.8m in length)
- Approach Route 1 – Traveling along City Road, turn onto Cleveland Street, turn right onto Regent Street, turn right onto Marian Street and then turn left onto the site in a forward-facing direction.

- Approach Route 2 - Traveling along South Dowling Street, turn onto Cleveland Street, turn left onto Regent Street, turn right onto Marian Street and then turn left onto the site in a forward-facing direction.
- Approach Route 3 – Traveling north along Botany Road, turn left onto Henderson Road, turn right onto Wyndham Street, continue onto Gibbons Street, turn right onto Lawson Square, turn right onto Regent Street, turn right onto Marian Street and then turn left onto the site in a forward-facing direction.
- Departure Route 1 – In a forward-facing direction exit the site and turn left onto Marian Street, turn right onto Gibbons Street, turn left onto Cleveland Street and then turn onto City Road.
- Departure Route 2 – In a forward-facing direction exit the site and turn left onto Marian Street, turn right Gibbons Street, turn right onto Lawson Square, turn right onto Regent Street and then continue onto Botany Road.

Site Access – William Lane (Vehicles up to 8.8m in length)

- Approach Route 1 – Traveling along City Road, turn onto Cleveland Street, turn right onto Regent Street, turn right onto Marian Street, turn left onto William Lane and then turn left onto the site in a forward-facing direction.
- Approach Route 2 - Traveling along South Dowling Street, turn onto Cleveland Street, turn left onto Regent Street, turn right onto Marian Street turn left onto William Lane and then turn left onto the site in a forward-facing direction.
- Approach Route 3 – Traveling north along Botany Road, turn left onto Henderson Road, turn right onto Wyndham Street, continue onto Gibbons Street, turn right onto Lawson Square, turn right onto Regent Street, turn right onto Marian Street, turn left onto William Lane and then turn left onto the site in a forward-facing direction.
- Departure Route 1 – In a forward-facing direction exit the site and turn right onto Williams Lane, turn left onto Marian Street, turn right onto Gibbons Street, turn left onto Cleveland Street and then turn onto City Road.
- Departure Route 2 – In a forward-facing direction exit the site and turn right onto William Lane, turn left onto Marian Street, turn right Gibbons Street, turn right onto Lawson Square, turn right onto Regent Street and then continue onto Botany Road.

Regent Street Works Zone (All Vehicle sizes)

- Approach Route 4 – Traveling along City Road, turn onto Cleveland Street, turn right onto Regent Street and then stand within the Works Zone in a forward-facing direction.
- Approach Route 5 - Traveling along South Dowling Street, turn onto Cleveland Street, turn left onto Regent Street and then stand within the Works Zone in a forward-facing direction.
- Approach Route 6 – Traveling north along Botany Road, turn left onto Henderson Road, turn right onto Wyndham Street, continue onto Gibbons Street, turn right onto Lawson Square, turn right onto Regent Street and then stand within the Works Zone in a forward-facing direction.
- Departure Route 3 – In a forward-facing direction exit the Works Zone and continue along Regent Street and then continue onto Botany Road.
- Departure Route 4 – In a forward-facing direction exit the Works Zone and continue along Regent Street, turn right onto Henderson Road, turn right onto Wyndham Street, continue onto Gibbons Street, turn left onto Cleveland Street and then turn onto City Road.

b) Site Access

- Site vehicles to enter and exit the site using proposed site gate off Marian Street.

c) Vehicle movements within the site
   - Limited area for vehicle movements within the site boundary. Any vehicle that cannot turn around within the site boundary
d) Loading and Unloading of Vehicles
   - All vehicles to be loaded and unloaded from within the site boundaries or Works Zone.
   - During the Structure works vehicles may also access the site via the BP Site
e) Vehicle Queuing
   - Vehicles to stand within the site boundary or an approved Works Zone only.
   - Drivers are to contact the site prior to turning onto Cleveland Street from either City Road or South Dowling Street to ensure there is adequate space.
f) Works Zone
   - 40m Works Zone along the Regent Street site frontage.
g) Standing Plant
   - All equipment to be used within the site boundary.
   - Concrete pours carried out from within site boundaries or approved Works Zone.
h) Material Handling
   - Onsite tower crane installed for moving material and equipment between levels
   - Forklifts or similar plant to be used wholly within the site to load and unload vehicles as required.
i) Parking for Site Workers
   - Site workers to park within site boundaries or surrounding off-street parking facilities.
   - No parking on public roads.
   - Site workers will be encouraged to use public transport to travel to and from the site with facilities available onsite for tool and equipment storage.
j) Storage for Material, Waste and Equipment
   - All storage to be located within the site boundaries only.
k) Pedestrian Management
   - Pedestrian access past the site as per existing conditions along the concrete footpaths.
   - B-Class Hoarding installed over the footpath to maintain a safe travel path.
   - Traffic controller located at gate to manage pedestrian activity when vehicles are crossing the footpath.
   - Boundary fencing / hoarding installed around the site boundary as required to restrict public access.
l) Traffic Lanes
   - Normal access maintained along Marian Street.
   - Normal access maintained along William Lane.
   - Traffic lanes maintained along Regent Street with the proposed Works Zone location along the kerb lane with existing on-street parking measures.

4 Impact of Project

4.1 Surrounding Properties

- Existing access to surrounding properties maintained throughout the project.
- Access along surrounding streets are maintained during works.

4.2 Pedestrians

- Pedestrian access maintained as per existing conditions. B-class hoarding installed along the footpath during structure construction to provide overhead protection.
- Pedestrian ramps placed over pump lines as required to maintain access along the footpath to minimise impact on existing travel paths.
- Traffic controllers used as required for pedestrian safety when vehicles are crossing the footpath.

4.3 Cyclists

- No significant cyclist impact due to the project; existing travel routes to remain as per normal conditions.

4.4 Local Traffic

- Limited impact on traffic flows along Regent Street as only the existing on-street parking is occupied by the Works Zone maintaining normal traffic lanes past the site.
- Vehicular access along Marian Street and William Lane is maintained with traffic controllers used to manage site vehicles to ensure public access is maintained.

4.5 Emergency Services

- Access along surrounding streets maintained throughout the project with access to surrounding properties also as per existing conditions.
- Emergency vehicles are given priority access as per normal road rules.

4.6 Public Transport

- Existing public transport infrastructure unaffected by this project.

5 Transport for NSW

5.1 TfNSW Endorsement

Transport for NSW (TfNSW), Greater Sydney Division has reviewed the CTMP and endorse the proposed temporary construction arrangements, subject to the following conditions:

- Any Traffic Guidance Schemes (TGS) prepared are to comply with AS1742.3 and Transport for NSW's "Traffic Control at Worksites" manual and be signed by a person with TfNSW certification to prepare a TGS.
- Proponent must apply and obtain approval from the Transport Management Centre for a Road Occupancy Licence (ROL) for any required lane closures and/or Speed Zone Authorisations as part of the ROL that may impact the state road network or is within 100m of traffic signals.
- Access to be maintained for local residents, businesses and emergency vehicles at all times.
- No marshalling or queuing of construction vehicles is to occur on public roads. Arriving vehicles that are not able to use parking bay/work zone must continue to a holding point until space becomes available.
- When heavy vehicles are entering or leaving the site a traffic controller is to be provided to manage any conflicts between pedestrians and heavy vehicles.
- Transport for New South Wales reserve the right to alter the CTMP Conditions at any time to maintain safe and efficient traffic and pedestrian movements in this area.
- Any approved Works Zone should only be used for work activities. No infrastructure, including bins, tanks or traffic control equipment should be left on the road when the works zone is not in use by a vehicle. All non-vehicular items must be contained with the work area and not on the carriageway. When a work zone is not in use, the area/lane must be opened up to allow for normal trafficable conditions
- Any traffic control devices, including signage and line marking, should be installed by the proponent and must conform with Australian Standards 1742

Endorsement of the CTMP is not an approval to the type of traffic management or delineation devices used, nor is it an approval to any traffic guidance schemes depicted within the CTMP. It is assumed that the proponent has used type approved devices and has developed its traffic guidance schemes in accordance with the relevant Australian Standards and Guidelines.

The proponent is to ensure local residents, businesses, schools and other stakeholders in the affected area as well as emergency service organisations are notified of the changes associated with the CTMP, prior to its implementation.

Please ensure this CTMP is shared and adhered to by all contractors. If the CTMP changes, please forward a copy to Developments.CJP@transport.nsw.gov.au or further review and endorsement.

Appendix A – Site Plans

SBMG02328-01B – Approach and Departure Routes – Marian Street
SBMG02328-02B – Approach and Departure Routes – William Lane
SBMG02328-03B – Approach and Departure Routes – Regent Street Works Zone
SBMG02328-04 – Site Overview – Demolition Phase
SBMG02328-05B – Site Overview – Excavation Phase
SBMG02209-06B – Site Overview – Construction Phase

Appendix B – Traffic Control Plans

SBMG02328-07 – Site Access – Marian Street
SBMG02328-08B – Site Access – William Lane
SBMG02328-14 – Works Zone – Regent Street

Appendix C – Swept Paths

SBMG02328-10B – MRV - Site Access – Marian Street
SBMG02328-11B – MRV - Site Access – William Lane – Ingress
SBMG02328-15 – MRV - Site Access – William Lane – Egress
SBMG02328-12 – HRV – Works Zone

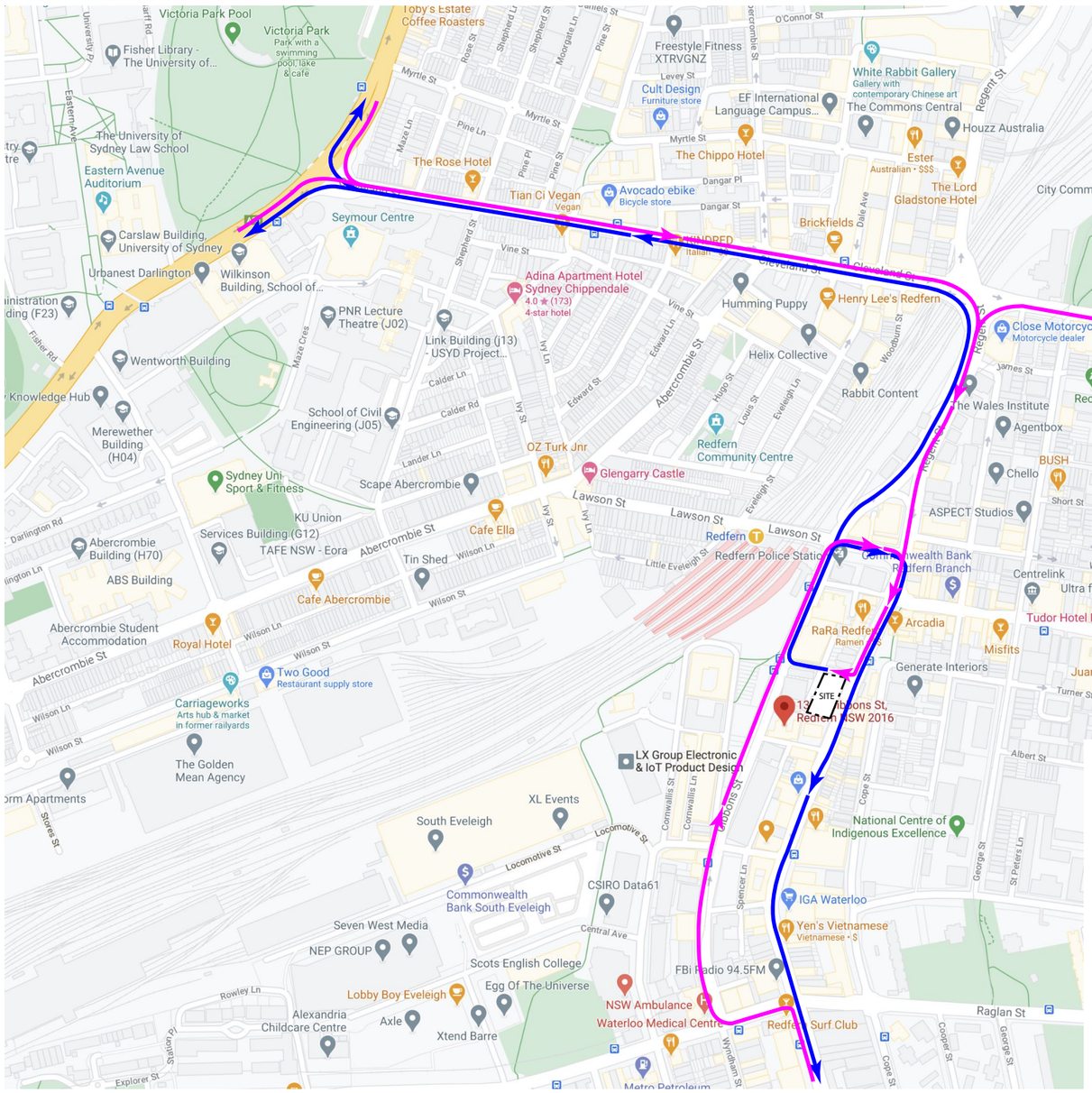
Appendix D – Other Documents

City of Sydney CTMP Standard Conditions

Appendix A

APPROACH AND DEPARTURE ROUTES

MARIAN STREET



- Approach Route 1 – Traveling along City Road, turn onto Cleveland Street, turn right onto Regent Street, turn right onto Marian Street and then turn left onto the site in a forward-facing direction.

- Approach Route 2 - Traveling along South Dowling Street, turn onto Cleveland Street, turn left onto Regent Street, turn right onto Marian Street and then turn left onto the site in a forward-facing direction.

- Approach Route 3 – Traveling north along Botany Road, turn left onto Henderson Road, turn right onto Wyndham Street, continue onto Gibbons Street, turn right onto Lawson Square, turn right onto Regent Street, turn right onto Marian Street and then turn left onto the site in a forward-facing direction.

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- Departure Route 2 – In a forward-facing direction exit the site and turn left onto Marian Street, turn right Gibbons Street, turn right onto Lawson Square, turn right onto Regent Street and then continue onto Botany Road.

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SBMG PLANNING — TRAFFIC CONTROL | BUILDING & CONSTRUCTION | SPECIAL EVENTS | SWEPT PATH DIAGRAMS

Project/Event:	STUDENT ACCOMMODATION			
Location:	90-102 REGENT STREET, REDFERN NSW			
Client :	RICHARD CROOKES CONSTRUCTIONS PTY LTD			
Plan No.	SBMG02328-01	B	Date:	19TH OCTOBER 2021
SCALE: NOT TO SCALE				

PREPARED BY: MATTHEW YOUNG
RMS PREPARE A WORKZONE TRAFFIC MANAGEMENT PLAN CERTIFICATE No. 0051718998

SIGNED:

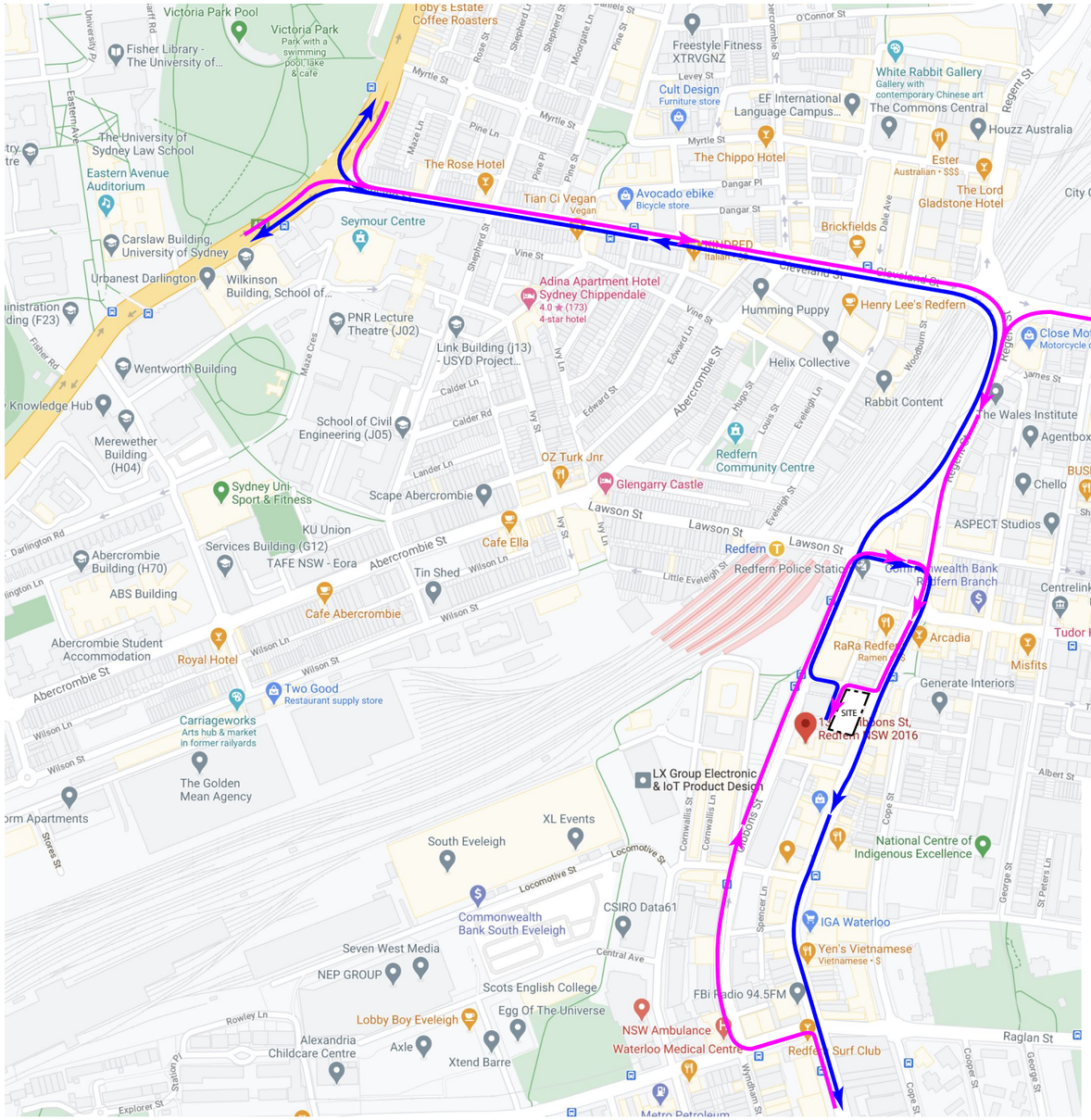
DATE		DESCRIPTION
	E	
	D	
	C	
19/10/21	B	CTMP R1
09/09/21	A	INITIAL SUBMISSION

LEGEND:

- SITE BOUNDARY
- SITE APPROACH ROUTE
- SITE DEPARTURE ROUTE

APPROACH AND DEPARTURE ROUTES

WILLIAM LANE



- Approach Route 1 – Traveling along City Road, turn onto Cleveland Street, turn right onto Regent Street, turn right onto Marian Street, turn left onto William Lane and then turn left onto the site in a forward-facing direction.

- Approach Route 2 - Traveling along South Dowling Street, turn onto Cleveland Street, turn left onto Regent Street, turn right onto Marian Street turn left onto William Lane and then turn left onto the site in a forward-facing direction.

- Approach Route 3 – Traveling north along Botany Road, turn left onto Henderson Road, turn right onto Wyndham Street, continue onto Gibbons Street, turn right onto Lawson Square, turn right onto Regent Street, turn right onto Marian Street, turn left onto William Lane and then turn left onto the site in a forward-facing direction.

- Departure Route 1 – In a forward-facing direction exit the site and turn right onto Williams Lane, turn left onto Marian Street, turn right onto Gibbons Street, turn left onto Cleveland Street and then turn onto City Road.

- Departure Route 2 – In a forward-facing direction exit the site and turn right onto William Lane, turn left onto Marian Street, turn right Gibbons Street, turn right onto Lawson Square, turn right onto Regent Street and then continue onto Botany Road.

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Project/Event:	STUDENT ACCOMMODATION			
Location:	90-102 REGENT STREET, REDFERN NSW			
Client :	RICHARD CROOKES CONSTRUCTIONS PTY LTD			
Plan No.	SBMG02328-02	B	Date:	19TH OCTOBER 2021
SCALE: NOT TO SCALE				

PREPARED BY: MATTHEW YOUNG
RMS PREPARE A WORKZONE TRAFFIC MANAGEMENT PLAN CERTIFICATE No. 0051718998

SIGNED:

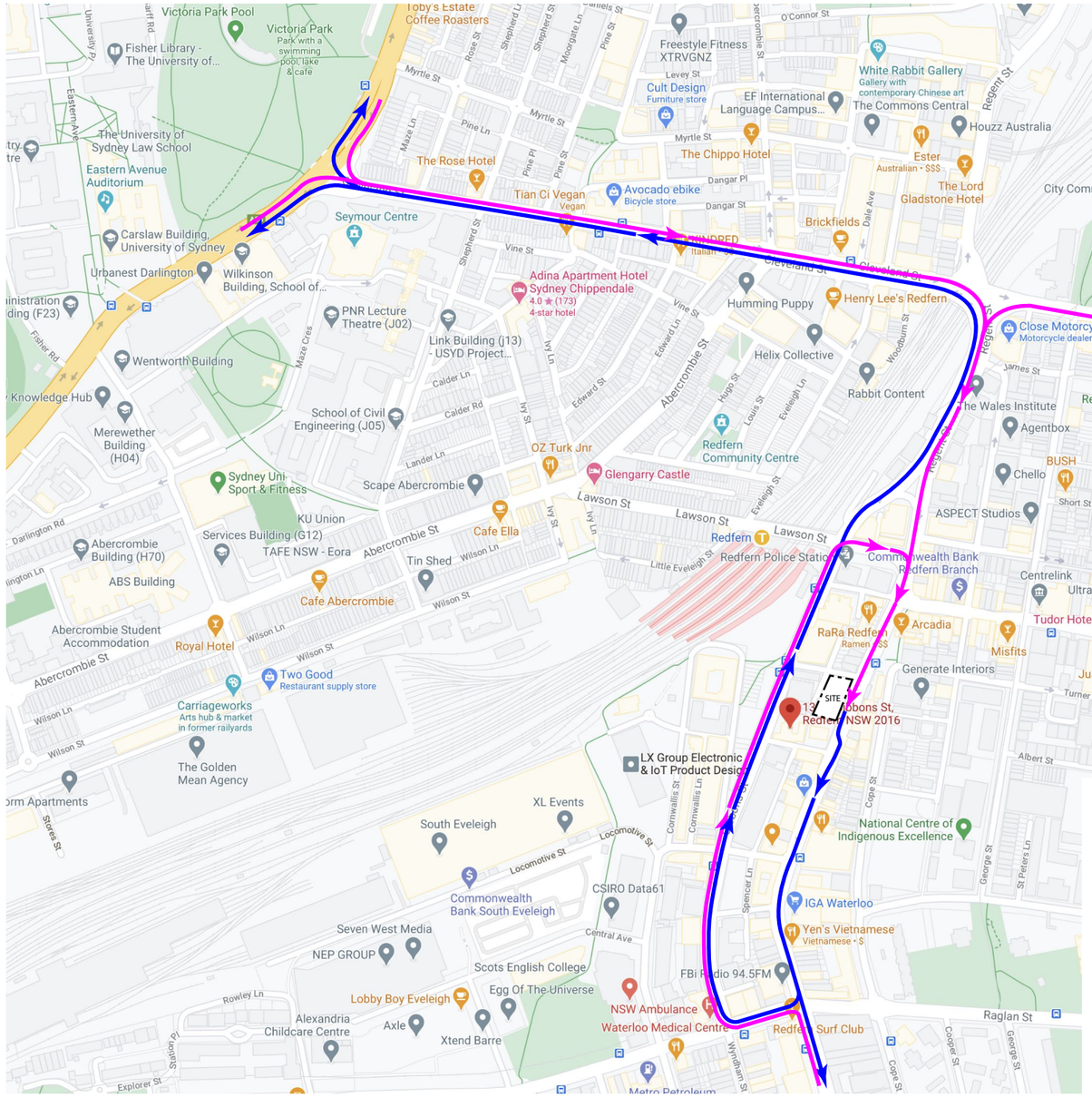
DATE		DESCRIPTION
	E	
	D	
	C	
19/10/21	B	CTMP R1
09/09/21	A	INITIAL SUBMISSION

LEGEND:

- SITE BOUNDARY
- SITE APPROACH ROUTE
- SITE DEPARTURE ROUTE

APPROACH AND DEPARTURE ROUTES

REGENT STREET WORKS ZONE



Regent Street Works Zone

- Approach Route 4 – Traveling along City Road, turn onto Cleveland Street, turn right onto Regent Street and then stand within the Works Zone in a forward-facing direction.

- Approach Route 5 - Traveling along South Dowling Street, turn onto Cleveland Street, turn left onto Regent Street and then stand within the Works Zone in a forward-facing direction.

- Approach Route 6 – Traveling north along Botany Road, turn left onto Henderson Road, turn right onto Wyndham Street, continue onto Gibbons Street, turn right onto Lawson Square, turn right onto Regent Street and then stand within the Works Zone in a forward-facing direction.

- Departure Route 3 – In a forward-facing direction exit the Works Zone and continue along Regent Street and then continue onto Botany Road.

- Departure Route 4 – In a forward-facing direction exit the Works Zone and continue along Regent Street, turn right onto Henderson Road, turn right onto Wyndham Street, continue onto Gibbons Street, turn left onto Cleveland Street and then turn onto City Road.

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SBMG PLANNING — TRAFFIC CONTROL | BUILDING & CONSTRUCTION | SPECIAL EVENTS | SWEPT PATH DIAGRAMS

Project/Event:	STUDENT ACCOMMODATION			
Location:	90-102 REGENT STREET, REDFERN NSW			
Client :	RICHARD CROOKES CONSTRUCTIONS PTY LTD			
Plan No.	SBMG02328-03	B	Date:	19TH OCTOBER 2021
SCALE: NOT TO SCALE				

PREPARED BY: MATTHEW YOUNG
RMS PREPARE A WORKZONE TRAFFIC MANAGEMENT PLAN CERTIFICATE No. 0051718998

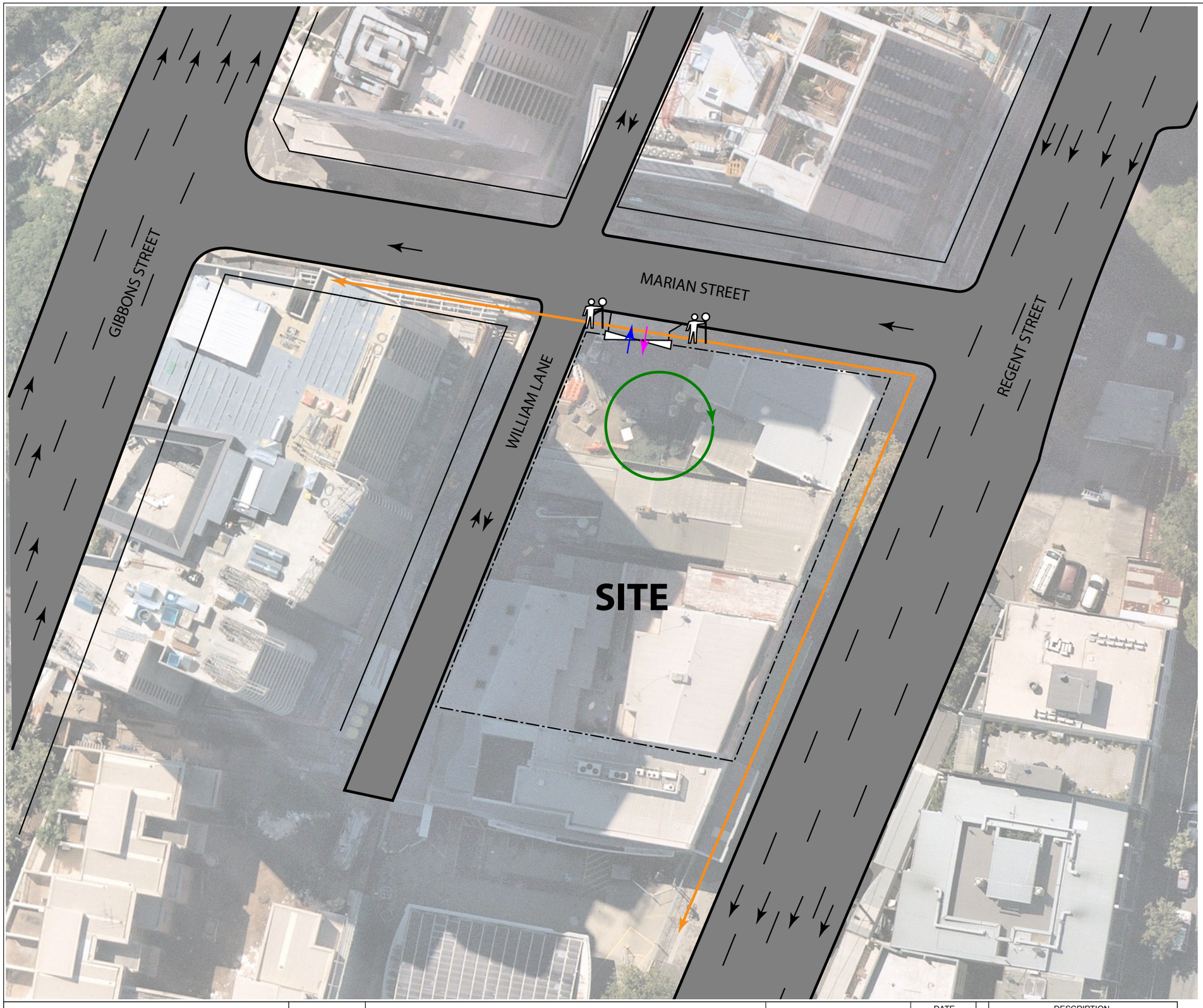
SIGNED:

DATE		DESCRIPTION
	E	
	D	
	C	
19/10/21	B	CTMP R1
09/09/21	A	INITIAL SUBMISSION

LEGEND:

- SITE BOUNDARY
- SITE APPROACH ROUTE
- SITE DEPARTURE ROUTE

SITE OVERVIEW
DEMOLITION PHASE



LEGEND:

- SITE BOUNDARY
- TRAFFIC FLOW
- SITE ACCESS
- SITE GATE
- INTERNAL VEHICLE TURNING AREA
- PEDESTRIAN ROUTE
- TRAFFIC CONTROLLER

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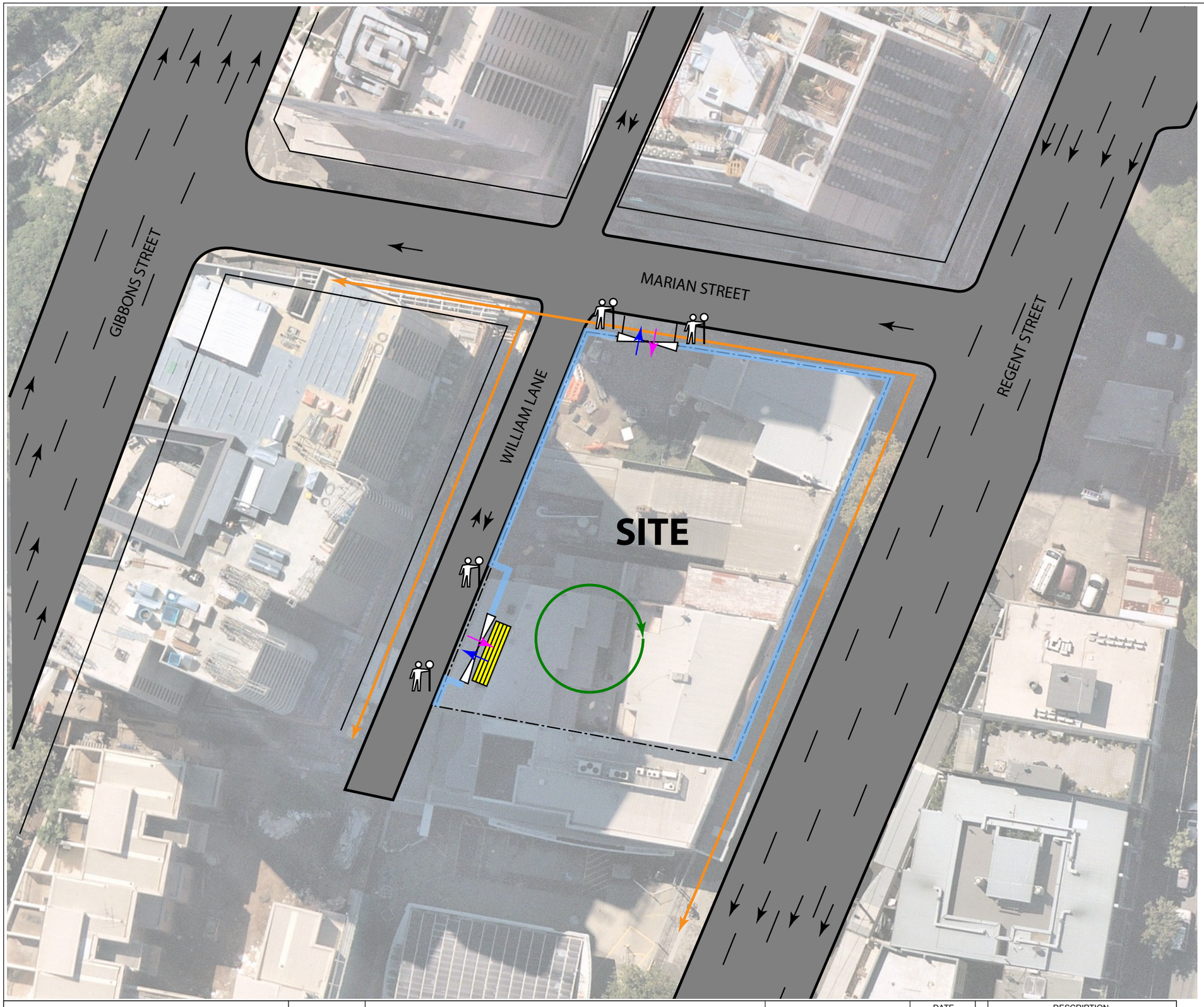
Project/Event:	STUDENT ACCOMMODATION				
Location:	90-102 REGENT STREET, REDFERN NSW				
Client :	RICHARD CROOKES CONSTRUCTIONS PTY LTD				
Plan No.	SBMG02328-04	A	Date:	9TH SEPTEMBER 2021	
SCALE: NOT TO SCALE					

PREPARED BY: MATTHEW YOUNG
RMS PREPARE A WORKZONE TRAFFIC MANAGEMENT PLAN CERTIFICATE No. 0051718998

SIGNED:

DATE		DESCRIPTION
	E	
	D	
	C	
	B	
09/09/21	A	INITIAL SUBMISSION

SITE OVERVIEW
EXCAVATION PHASE



LEGEND:

- SITE BOUNDARY
- TRAFFIC FLOW
- SITE ACCESS
- SITE GATE
- WHEEL WASH
- INTERNAL VEHICLE TURNING AREA
- A-CLASS HOARDING
- PEDESTRIAN ROUTE
- TRAFFIC CONTROLLER

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SBMG PLANNING — TRAFFIC CONTROL | BUILDING & CONSTRUCTION | SPECIAL EVENTS | SWEPT PATH DIAGRAMS

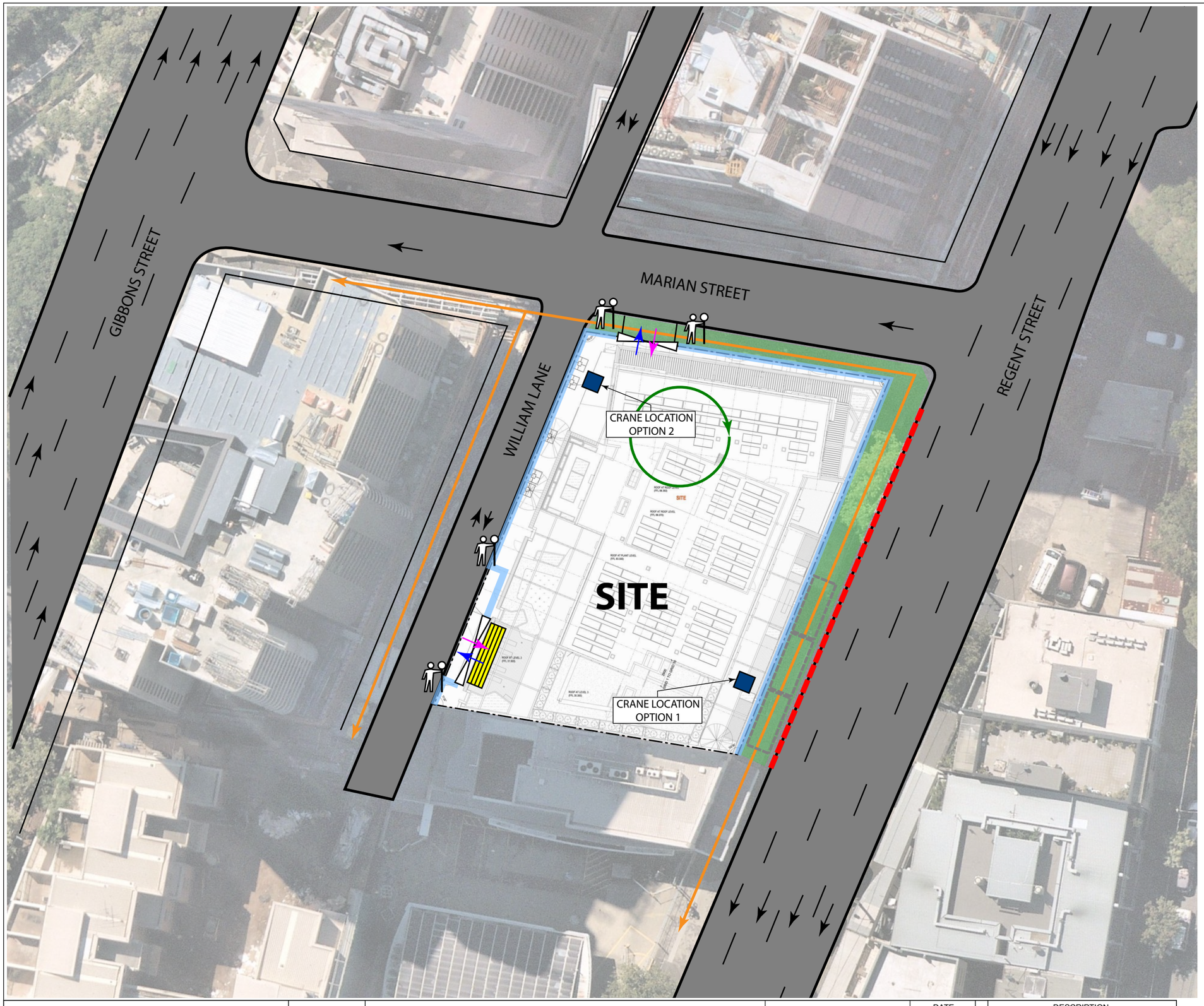
Project/Event:	STUDENT ACCOMMODATION			
Location:	90-102 REGENT STREET, REDFERN NSW			
Client :	RICHARD CROOKES CONSTRUCTIONS PTY LTD			
Plan No.	SBMG02328-05	B	Date:	19TH OCTOBER 2021
SCALE: NOT TO SCALE				

PREPARED BY: MATTHEW YOUNG
RMS PREPARE A WORKZONE TRAFFIC MANAGEMENT PLAN
CERTIFICATE No. 0051718998

SIGNED:

DATE		DESCRIPTION
	E	
	D	
	C	
19/10/21	B	CTMP R1
09/09/21	A	INITIAL SUBMISSION

SITE OVERVIEW
CONSTRUCTION PHASE



LEGEND:

- SITE BOUNDARY
- TRAFFIC FLOW
- SITE ACCESS
- SITE GATE
- WHEEL WASH
- INTERNAL VEHICLE TURNING AREA
- A-CLASS HOARDING
- B-CLASS HOARDING
- SITE SHEDS (ABOVE B-CLASS HOARDING)
- WORKS ZONE
- PEDESTRIAN ROUTE
- TRAFFIC CONTROLLER

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SBMG PLANNING — TRAFFIC CONTROL | BUILDING & CONSTRUCTION | SPECIAL EVENTS | SWEPT PATH DIAGRAMS

Project/Event:	STUDENT ACCOMMODATION			
Location:	90-102 REGENT STREET, REDFERN NSW			
Client :	RICHARD CROOKES CONSTRUCTIONS PTY LTD			
Plan No.	SBMG02328-06	B	Date:	19TH OCTOBER 2021
SCALE: NOT TO SCALE				

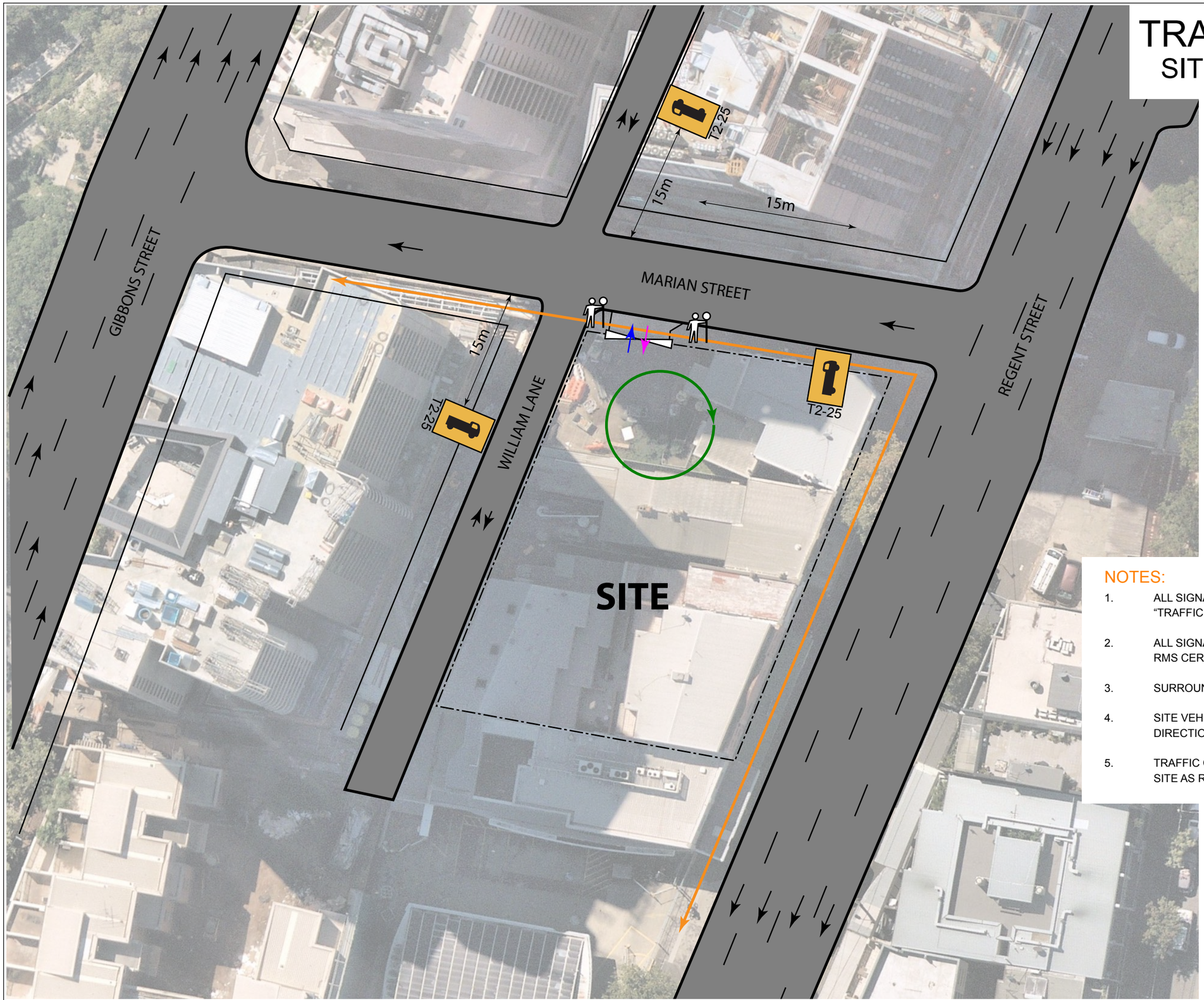
PREPARED BY: MATTHEW YOUNG
RMS PREPARE A WORKZONE TRAFFIC MANAGEMENT PLAN CERTIFICATE No. 0051718998

SIGNED:

DATE		DESCRIPTION
	E	
	D	
	C	
19/10/21	B	CHANGE OF ACCESS LOCATION
09/09/21	A	INITIAL SUBMISSION

Appendix B

TRAFFIC CONTROL PLAN
SITE ACCESS - MARIAN STREET



NOTES:

1. ALL SIGNAGE TO BE INSTALLED IN ACCORDANCE WITH RMS "TRAFFIC CONTROL AT WORKSITES" MANUAL AND AS1742.3.
2. ALL SIGNAGE AND DELINEATION MUST BE INSTALLED BY RMS CERTIFIED TRAFFIC CONTROLLER(S) ONLY.
3. SURROUNDING PROPERTY ACCESS TO BE MAINTAINED AT ALL TIMES.
4. SITE VEHICLES TO ENTER AND EXIT IN A FORWARD-FACING DIRECTION.
5. TRAFFIC CONTROLLERS TO MANAGE PEDESTRIAN ACCESS PAST THE SITE AS REQUIRED WHEN VEHICLES ARE CROSSING THE FOOTPATH.

LEGEND:

- SITE BOUNDARY
- TRAFFIC FLOW
- SITE ACCESS
- SITE GATE
- INTERNAL VEHICLE TURNING AREA
- PEDESTRIAN ROUTE
- TRAFFIC CONTROLLER

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SBMG PLANNING — TRAFFIC CONTROL | BUILDING & CONSTRUCTION | SPECIAL EVENTS | SWEPT PATH DIAGRAMS

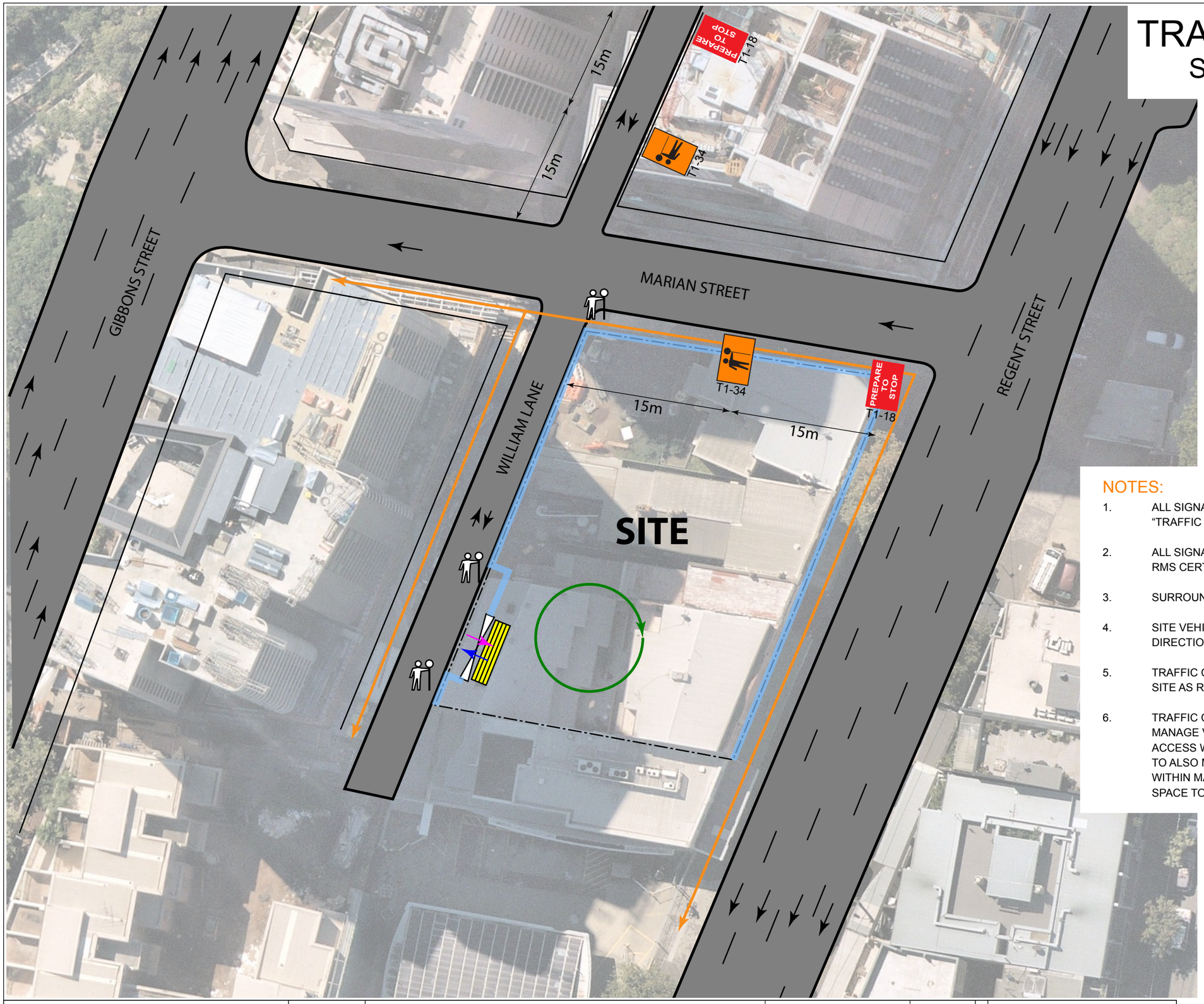
Project/Event:	STUDENT ACCOMMODATION			
Location:	90-102 REGENT STREET, REDFERN NSW			
Client :	RICHARD CROOKES CONSTRUCTIONS PTY LTD			
Plan No.	SBMG02328-07	A	Date:	9TH SEPTEMBER 2021
SCALE: NOT TO SCALE				

PREPARED BY: MATTHEW YOUNG
RMS PREPARE A WORKZONE TRAFFIC MANAGEMENT PLAN CERTIFICATE No. 0051718998

SIGNED:

DATE		DESCRIPTION
	E	
	D	
	C	
	B	
09/09/21	A	INITIAL SUBMISSION

TRAFFIC CONTROL PLAN
SITE ACCESS - WILLIAM LANE



NOTES:

1. ALL SIGNAGE TO BE INSTALLED IN ACCORDANCE WITH RMS "TRAFFIC CONTROL AT WORKSITES" MANUAL AND AS1742.3.
2. ALL SIGNAGE AND DELINEATION MUST BE INSTALLED BY RMS CERTIFIED TRAFFIC CONTROLLER(S) ONLY.
3. SURROUNDING PROPERTY ACCESS TO BE MAINTAINED AT ALL TIMES.
4. SITE VEHICLES TO ENTER AND EXIT IN A FORWARD-FACING DIRECTION.
5. TRAFFIC CONTROLLERS TO MANAGE PEDESTRIAN ACCESS PAST THE SITE AS REQUIRED WHEN VEHICLES ARE ENTERING AND EXITING.
6. TRAFFIC CONTROLLER AT THE MARIAN STREET INTERSECTION TO MANAGE VEHICLES AS REQUIRED TO ENSURE PUBLIC VEHICLES CAN ACCESS WILLIAM LANE (SOUTH) AS REQUIRED. TRAFFIC CONTROLLER TO ALSO MONITOR TO ENSURE VEHICLE ARE NO PARKING ILLEGALLY WITHIN MARIAN LANE TO ENSURE SITE VEHICLES HAVE SUFFICIENT SPACE TO ENTER AND EXIT WILLIAM LANE.

LEGEND:

- SITE BOUNDARY
- TRAFFIC FLOW
- SITE ACCESS
- SITE GATE
- WHEEL WASH
- INTERNAL VEHICLE TURNING AREA
- A-CLASS HOARDING
- PEDESTRIAN ROUTE
- TRAFFIC CONTROLLER

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SBMG PLANNING — TRAFFIC CONTROL | BUILDING & CONSTRUCTION | SPECIAL EVENTS | SWEPT PATH DIAGRAMS

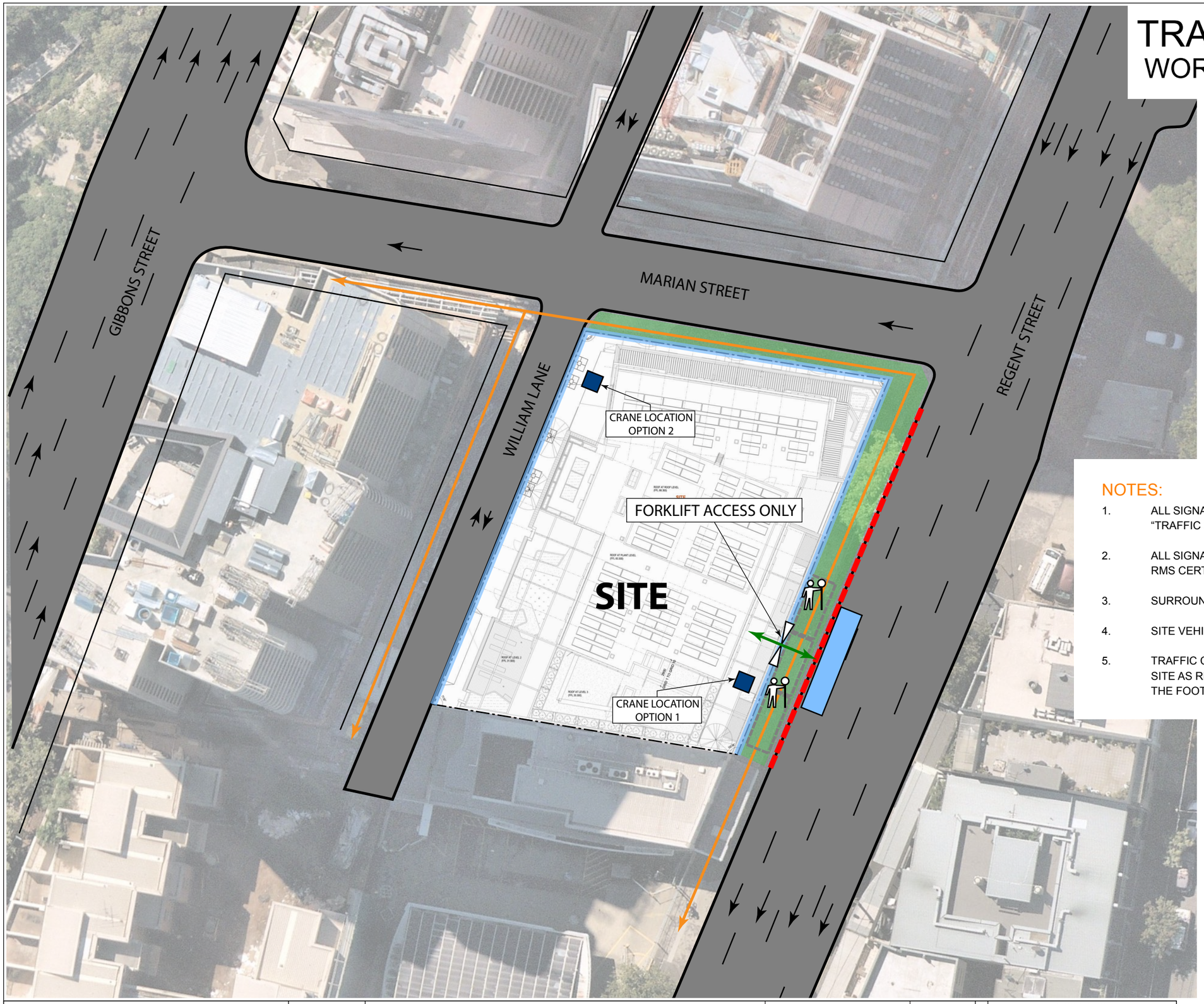
Project/Event:	STUDENT ACCOMMODATION				
Location:	90-102 REGENT STREET, REDFERN NSW				
Client :	RICHARD CROOKES CONSTRUCTIONS PTY LTD				
Plan No.	SBMG02328-08	B	Date:	14TH OCTOBER 2021	
SCALE: NOT TO SCALE					

PREPARED BY: MATTHEW YOUNG
RMS PREPARE A WORKZONE TRAFFIC MANAGEMENT PLAN CERTIFICATE No. 0051718998

SIGNED:

DATE		DESCRIPTION
	E	
	D	
	C	
14/10/21	B	CTMP R1
09/09/21	A	INITIAL SUBMISSION

TRAFFIC CONTROL PLAN
WORKS ZONE - REGENT STREET



NOTES:

1. ALL SIGNAGE TO BE INSTALLED IN ACCORDANCE WITH RMS "TRAFFIC CONTROL AT WORKSITES" MANUAL AND AS1742.3.
2. ALL SIGNAGE AND DELINEATION MUST BE INSTALLED BY RMS CERTIFIED TRAFFIC CONTROLLER(S) ONLY.
3. SURROUNDING PROPERTY ACCESS TO BE MAINTAINED AT ALL TIMES.
4. SITE VEHICLES TO STAND WITHIN THE WORKS ZONE.
5. TRAFFIC CONTROLLERS TO MANAGE PEDESTRIAN ACCESS PAST THE SITE AS REQUIRED WHEN MATERIAL IS BEING TRANSPORTED ACROSS THE FOOTPATH. NORMAL CONDITIONS RESTORED AT OTHER TIME.

LEGEND:

- SITE BOUNDARY
- TRAFFIC FLOW
- SITE ACCESS
- SITE GATE
- WHEEL WASH
- FORKLIFT TRAVEL PATH
- A-CLASS HOARDING
- B-CLASS HOARDING
- SITE SHEDS (ABOVE B-CLASS HOARDING)
- VEHICLE STANDING
- WORKS ZONE
- PEDESTRIAN ROUTE
- TRAFFIC CONTROLLER

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SBMG PLANNING — TRAFFIC CONTROL | BUILDING & CONSTRUCTION | SPECIAL EVENTS | SWEPT PATH DIAGRAMS

Project/Event:	STUDENT ACCOMMODATION			
Location:	90-102 REGENT STREET, REDFERN NSW			
Client :	RICHARD CROOKES CONSTRUCTIONS PTY LTD			
Plan No.	SBMG02328-14	A	Date:	14TH OCTOBER 2021
SCALE: NOT TO SCALE				

PREPARED BY: MATTHEW YOUNG
RMS PREPARE A WORKZONE TRAFFIC MANAGEMENT PLAN CERTIFICATE No. 0051718998

SIGNED:

DATE		DESCRIPTION
	E	
	D	
	C	
	B	
14/10/21	A	INITIAL SUBMISSION

Appendix C

SITE TO BE DEMILISHED

SITE TO BE DEMILISHED

WILLIAM LANE

ADJ BOUNDARY

KERB

(VC)

(PC)

43741

SK03D

SK03D

400mm WIDE CONCRETE STRIP TO BE INSTALLED IN THE ROAD FOR GATE TRACK TO BE ATTACHED

NO FIXING OF JERSEY KERB TO ROAD

BOUNDARY

JKERB

J/KERB

6000 SLIDING GATE

3500 SLIDING GATE

1200 SWINGING DOOR

SEE LOWER GROUND FLOOR PLAN FOR SHADED AREA

METAL SHED

SK03C

REMOVE EXISTING FENCE ON THE DAY OF INSTALL TO ALLOW FOR GATE

1205 TREE BASE

SK03E

SK03B

1295 TREE BASE

SK03A

SK03

BOUNDARY

BICYCLE RING

DOULBE SWINGING DOOR

4800 SLIDING GATE

2350 SLIDING GATE

BITUMEN

SEAT

FOOTPATH

KERB

5000 TYP

5475 CLEAR

53060

SEAT TO BE REMOVED BEFORE INSTALL

PROPOSED NEW AWNING ABOVE

Scale 1:100

REGENT STREET

6000mm

Notes:

VEHICLE PATHS CALCULATED USING AUTODESK AUTOCAD 2017 & AUTODESK VEHICLE TRACKING 2017.

AS/NZS 2890.2:2002 MRV - MEDIUM RIGID VEHICLE USED WITH A KERB TO KERB TURNING RADIUS OF 10.000m.

DIAGRAM ILLUSTRATES TURNING MANOEUVRES REQUIRED FOR TRUCKS TO ENTER AND EXIT THE SITE USING THE EXISTING DRIVEWAY ACCESS.

SCALE: 1:200 @A1

Rev Notes:
A - INITIAL SUBMISSION
B - REVISED HOARDING PLAN

Legend:
- FRONT OVERHANG - FORWARD-FACING
- WHEEL PATH - FORWARD-FACING
- FRONT OVERHANG - REVERSE DIRECTION
- WHEEL PATH - REVERSE DIRECTION

SWEPT PATH DIAGRAM

FORWARD-FACING DIRECTION
SITE ACCESS - MARIAN STREET

Project: STUDENTACCOMMODATION
Location: 90-102 REGENT STREET, REDFERN NSW

Prepared By: MATTHEW YOUNG

Plan:	Issue:	Date:
SBMG02328-10	B	19/10/21

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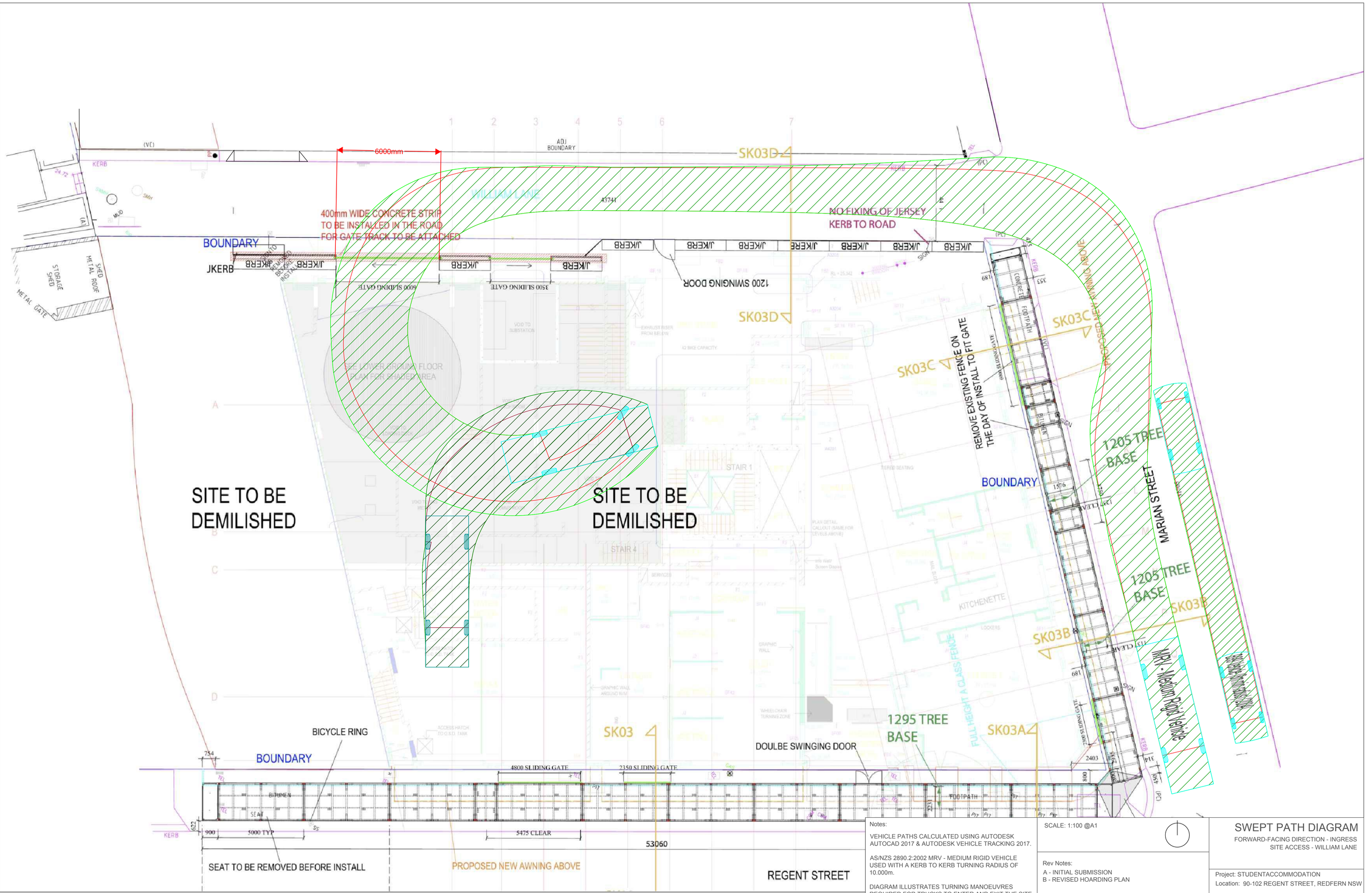

Scale 1:100

0 1 5 10 15

Notes:

VEHICLE PATHS CALCULATED USING AUTODESK AUTOCAD 2017 & AUTODESK VEHICLE TRACKING 2017.

AS/NZS 2890.2:2002 MRV - MEDIUM RIGID VEHICLE USED WITH A KERB TO KERB TURNING RADIUS OF 10.000m.

DIAGRAM ILLUSTRATES TURNING MANOEUVRES REQUIRED FOR TRUCKS TO ENTER AND EXIT THE SITE USING THE PROPOSED SITE ACCESS.

SCALE: 1:100 @A1

Rev Notes:

A - INITIAL SUBMISSION
B - REVISED HOARDING PLAN

Legend:

- FRONT OVERHANG - FORWARD-FACING
- WHEEL PATH - FORWARD-FACING
- FRONT OVERHANG - REVERSE DIRECTION
- WHEEL PATH - REVERSE DIRECTION

SWEPT PATH DIAGRAM

FORWARD-FACING DIRECTION - INGRESS
SITE ACCESS - WILLIAM LANE

Project: STUDENTACCOMMODATION
Location: 90-102 REGENT STREET, REDFERN NSW

Prepared By: MATTHEW YOUNG

Plan:	Issue:	Date:
SBMG02328-11	B	19/10/21

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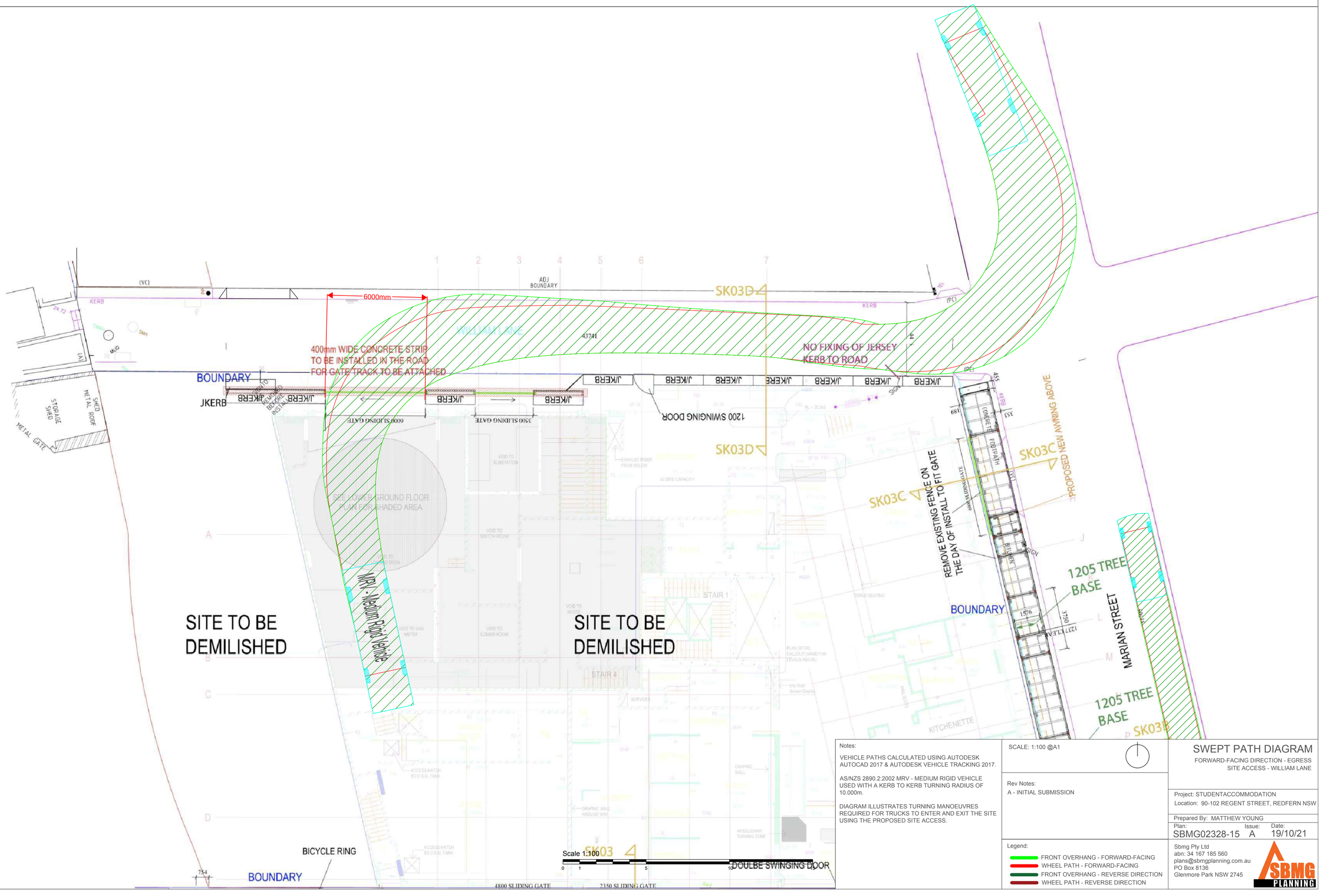

Notes:

VEHICLE PATHS CALCULATED USING AUTODESK AUTOCAD 2017 & AUTODESK VEHICLE TRACKING 2017.

AS/NZS 2890.2:2002 MRV - MEDIUM RIGID VEHICLE USED WITH A KERB TO KERB TURNING RADIUS OF 10.000m.

DIAGRAM ILLUSTRATES TURNING MANOEUVRES REQUIRED FOR TRUCKS TO ENTER AND EXIT THE SITE USING THE PROPOSED SITE ACCESS.

SCALE: 1:100 @A1

Rev Notes:
A - INITIAL SUBMISSION

Legend:
- FRONT OVERHANG - FORWARD-FACING
- WHEEL PATH - FORWARD-FACING
- FRONT OVERHANG - REVERSE DIRECTION
- WHEEL PATH - REVERSE DIRECTION

SWEPT PATH DIAGRAM

FORWARD-FACING DIRECTION - EGRESS
SITE ACCESS - WILLIAM LANE

Project: STUDENTACCOMMODATION
Location: 90-102 REGENT STREET, REDFERN NSW

Prepared By: MATTHEW YOUNG

Plan:	Issue:	Date:
SBMG02328-15	A	19/10/21

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Scale 1:200

0 5 10 20

Notes:

VEHICLE PATHS CALCULATED USING AUTODESK AUTOCAD 2017 & AUTODESK VEHICLE TRACKING 2017.

AS/NZS 2890.2:2002 HRV - HEAVY RIGID VEHICLE USED WITH A KERB TO KERB TURNING RADIUS OF 12.500m.

DIAGRAM ILLUSTRATES TURNING MANOEUVRES REQUIRED FOR TRUCKS TO ENTER AND EXIT THE PROPOSED WORKS ZONE ALONG REGENT STREET.

SCALE: 1:200 @A1

Rev Notes:
A - INITIAL SUBMISSION

Legend:
- FRONT OVERHANG - FORWARD-FACING
- WHEEL PATH - FORWARD-FACING
- FRONT OVERHANG - REVERSE DIRECTION
- WHEEL PATH - REVERSE DIRECTION

SWEPT PATH DIAGRAM

FORWARD-FACING DIRECTION
WORKS ZONE - REGENT STREET

Project: STUDENT ACCOMMODATION
Location: 90-102 REGENT STREET, REDFERN NSW

Prepared By: MATTHEW YOUNG

Plan:	Issue:	Date:
SBMG02328-12	A	09/09/21

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SBMG PLANNING

Appendix D

APPENDIX D

The City of Sydney
Standard Requirements for Construction Traffic Management Plan

The Applicant or contractor undertakes to follow and abide by the following requirements at all times during the demolition, excavation and construction works at 90-102 Regent Street, Redfern SSD-10382

1. Details of routes to and from site and entry and exit points from site – site specific

2. Details of roads that may be excluded from use by construction traffic i.e. roads with load limits, quiet residential streets or access/turn restricted streets – site specific

3. The approved truck route plan shall form part of the contract and must be distributed to all truck drivers.

4. All vehicles must enter and exit the site in a forward direction (unless specific approval for a **one-off occasion** is obtained from the City's Construction Regulation Unit).

5. Trucks are not allowed to reverse into the site from the road (unless specific approval for a **one-off occasion** is obtained from the City's Construction Regulation Unit).

6. The Applicant must provide the City with details of the largest truck that will be used during the demolition, excavation and construction.

   NOTE: No dog trailers or articulated vehicles (AV) to be used (unless specific approval for a **one-off occasion** is obtained from the City's Construction Regulation Unit).

7. Oversize and over-mass vehicles are not allowed to travel on Local Roads (unless approval for a **one-off occasion** is obtained from the City's Traffic Operations Unit). Requests to use these vehicles must be submitted to the City 28 days prior to the vehicle's scheduled travel date. For more information please contact the National Heavy Vehicle Regulator (NHVR) on 1300 696 487 or www.nhvr.gov.au.

8. No queuing or marshalling of trucks is permitted on any public road.

9. Any temporary adjustment to Bus Stops or Traffic Signals will require the Applicant to obtain approval from the STA and RMS respectively prior to commencement of works.

10. All vehicles associated with the development shall be parked wholly within the site. All site staff related with the works are to park in a designated off street area or be encouraged to use public transport and not park on the public road.

11. All loading and unloading must be within the development site or at an approved "Works Zone".

12. The Applicant must apply to the City's Traffic Works Co-ordinator to organise appropriate approvals for Work Zones and road closures.

13. The Applicant must apply to the City's Construction Regulations Unit to organise appropriate approvals for partial road closures.

14. The Applicant must apply to the Transport for NSW's Transport Management Centre for approval of any road works on State Roads or within 100m of Traffic Signals and receive an approved Road Occupancy Licence (ROL). A copy of the ROL must be provided to the City.

15. The Applicant must apply to the City's Construction Regulations Unit to organise appropriate approvals for temporary driveways, cranes and barricades etc.

16. The Applicant must comply with development consent for hours of construction.

17. All Traffic Control Plans associated with the CTMP must comply with the Australian Standards and Roads and Maritime Services (RMS) Traffic Control At Work Sites Guidelines.

18. Traffic Controllers are NOT to stop traffic on the public street(s) to allow trucks to enter or leave the site. They MUST wait until a suitable gap in traffic allows them to assist trucks to enter or exit the site. The Roads Act does not give any special treatment to trucks leaving a construction site - **the vehicles already on the road have right-of-way.**

19. Pedestrians may be held only for very short periods to ensure safety when trucks are leaving or entering BUT you must NOT stop pedestrians in anticipation i.e. **at all times the pedestrians have right-of-way on the footpath not the trucks**.

20. Physical barriers to control pedestrian or traffic movements need to be determined by the City's Construction Regulations Unit prior to commencement of work.

21. The Applicant must obtain a permit from the City's Construction Regulation Unit regarding the placing of any plant/equipment on public ways.

22. The Applicant must apply to the City's Building Approvals Unit to organise appropriate approvals for hoarding prior to commencement of works.

23. The CTMP is for the excavation, demolition and construction of building works, not for road works (if required) associated with the development. Any road works will require the Applicant or the contractor to separately seek approval from the City and/or RMS for consideration. Also WorkCover requires that Traffic Control Plans must comply with Australian Standards 1742.3 and must be prepared by a Certified Traffic Controller (under RMS regulations).

24. Please note that the provision of any information in this CTMP will not exempt the Applicant from correctly fulfilling all other conditions relevant to the development consent for the above site.