

Health Infrastructure

The Children's Hospital at Westmead Redevelopment - Stage 2 Multistorey Car Park

Construction Traffic and Pedestrian Management Sub-Plan



Client // Kane Constructions
Reference // N175
Date // 20/04/2022

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Document Control

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Draft A	05/03/2022	Draft CTMP	S.A, S.K	S.K
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Final B	19/04/2022	Final CTMP based on Consultation with TfNSW and Council	S.A, S.K	S.K
Final C	19/04/2022	Final CTMP to include condition compliance table	S.A, S.K	S.K

1. Introduction

1.1 Background

A Stage Significant Development Application (SSD-10434896) has been approved by NSW Department of Planning, Industry and Environment (DPIE) for the construction of The Children's Hospital at Westmead Redevelopment Stage 2 Multistorey Car Park.

The Westmead Precinct contains numerous hospitals and medical facilities, including Westmead Hospital and Children's Hospital, as well as the Children's Medical Research Institute. These existing uses are advantaged by high frequency/capacity rail and bus services, which will be enhanced with the proposed provision of a Parramatta Light Rail station and the Sydney West Metro Link station.

The approved development comprises a MSCP accommodating both staff and visitor car parking to be located on Labyrinth Way, on the site of The Lodge.

This plan has been prepared in satisfaction of Consent Conditions no. B12 and B16 for submission of a Construction Pedestrian and Traffic Management Plan as part of the Construction Certificate documentation as follows:

B12. The Construction Traffic and Pedestrian Management Sub-Plan (CTPMSP) must be prepared to achieve the objective of ensuring safety and efficiency of the road network and address, but not be limited to, the following:

(a) be prepared by a suitably qualified and experienced person(s);

(b) be prepared in consultation with Council and TfNSW;

(c) detail the measures that are to be implemented to ensure road safety and network efficiency during construction in consideration of potential impacts on general traffic, cyclists and pedestrians and bus services;

(d) detail the measures that are to be implemented to mitigate adverse impacts to the Parramatta Light Rail (PLR) Project;

(e) provide a description and route map for vehicles involved in spoil removal, material delivery and machine floatage;

(f) provide the estimated number and type of construction vehicle movements including morning and afternoon peak and off peak movements;

(g) ensure that turning areas within the site allow the forward entry and egress of construction vehicles;

(h) outline the location of construction site entrances and exits (controlled by a certified traffic controller), proposed work zones, proposed crane standing areas, vehicle loading / unloading points, truck layover zones, storage areas and on-site construction worker parking; and

(i) detail the proposed staging and the process for managing temporary road closures associated with the realignment of Redbank Road.

B16. A Driver Code of Conduct must be prepared and communicated by the Applicant to heavy vehicle drivers and must address the following: (a) minimise the impacts of earthworks and construction on the local and regional road network; (b) minimise conflicts with other road users; (c) minimise road traffic noise; (d) ensure truck drivers use specified routes.

The conditions and associated sections, page numbers and appendices are provided in the table below.

Consent Satisfaction Table Condition		
Condition	Requirements	Document reference
B12	The CPTMSP must be prepared to achieve the objective of ensuring safety and efficiency of the road network and address, but not be limited to, the following:	CPTMSP
	(a) be prepared by a suitably qualified and experienced person(s);	CPTMSP - Section 4.9 (pg. 26)
	(b) be prepared in consultation with Council and TfNSW;	CPTMSP - Section 3.10 (pg. 18-19) and Appendix E
	(c) detail the measures that are to be implemented to ensure road safety and network efficiency during construction in consideration of potential impacts on general traffic, cyclists and pedestrians and bus services;	CPTMSP - Section 5 (pg. 28-29)
	(d) detail the measures that are to be implemented to mitigate adverse impacts to the Parramatta Light Rail (PLR) Project;	CPTMSP - Section 4.3 (pg. 21)
	(e) provide a description and route map for vehicles involved in spoil removal, material delivery and machine floatage;	CPTMSP - Section 4.5 (pg. 24)
	(f) provide the estimated number and type of construction vehicle movements including morning and afternoon peak and off peak movements;	CPTMSP - Section 4.6 & 4.7 (pg. 25-26)

Consent Satisfaction Table Condition		
Condition	Requirements	Document reference
	(g) ensure that turning areas within the site allow the forward entry and egress of construction vehicles;	CPTMSP - Section 4.1 (pg. 22)
	(h) outline the location of construction site entrances and exits (controlled by a certified traffic controller), proposed work zones, proposed crane standing areas, vehicle loading / unloading points, truck layover zones, storage areas and on-site construction worker parking; and	CPTMSP - Section 4.1 (pg. 22)
	(i) detail the proposed staging and the process for managing temporary road closures associated with the realignment of Redbank Road.	To be done by others as part of the early works.
B16	A Driver Code of Conduct must be prepared and communicated by the Applicant to heavy vehicle drivers and must address the following:	CPTMSP - Section 4.4 (pg. .24-26)
	(a) minimise the impacts of earthworks and construction on the local and regional road network;	
	(b) minimise conflicts with other road users;	
	(c) minimise road traffic noise;	
	(d) ensure truck drivers use specified routes.	
B17.	Prior to the commencement of construction, the Applicant must submit a Construction Worker Transportation Strategy to the Certifier. The Strategy must detail the provision of sufficient parking facilities or other travel arrangements for construction workers in order to minimise demand for parking in nearby public and residential streets or public parking facilities. A copy of the strategy must be provided to the Planning Secretary for information.	Appendix D - Construction Worker Transportation Strategy
B25.	Prior to the commencement of construction, evidence of compliance of construction parking and access arrangements with the following requirements must be submitted to the Certifier: manoeuvrability through the site, is in accordance with the latest version of AS 2890.2; and	CPTMSP - Section 3.5 (pg. .17)
	(a) all vehicles must enter and leave the Site in a forward direction;	CPTMSP - Section 4.1 (pg. 22)

Consent Satisfaction Table Condition		
Condition	Requirements	Document reference
	(b) the swept path of the longest construction vehicle entering and exiting the site in association with the new work, as well as	CPTMSP - Appendix F
	(c) that the proposed design demonstrates that safety issues in areas with shared vehicles and pedestrian access have been managed safely, applying best practice in road design and traffic management, as considered in Austroads, Transport for NSW Guidelines and the Australian Standards.	CPTMSP - Section 4.11 (pg. .29)

This Plan has been prepared by a suitably qualified and experienced civil (traffic) engineer with 10 years of professional experience and holds the Roads and Maritime Services Prepare a Work Zone Traffic Management Plan accreditation, detailed as follows:

Syed Faizan Ali – card no. 0052212575, expiry 13/11/2022

1.2 Objectives

The primary objective of this Plan is to ensure that the construction is completed in the best and safest practice manner with adherence to the guidelines and regulations of the authorities. This Plan is to identify and define plans to:

- To minimise inconvenience to all residents, staff, visitors, tenants and others
- To minimise the impact on local road use and avoid the use of transport-related operations inside peak road use times and school hours
- To ensure that local pedestrians are able to use footpaths or have suitable safe circulation routes clearly provided during construction.
- To complete the proposed without damaging any property, either the property itself or the adjoining owners.
- To minimise dust and noise to safe and acceptable levels.
- To remove spoil without creating health or safety issues.
- To minimise the impact of the project on the public and the environment with the aim to reduce or eliminate the number of the vehicle, pedestrians or environmental incidents.
- Ensure that the construction process is safe, seamless and compliant with council, state and federal guidelines.

1.3 References

In preparing this plan, reference has been made to the following:

- an inspection of the site and its surrounds
- Procedures for use in the Preparation of a Traffic Management Plan (TMP), Roads and Maritime Services (RMS), December 2001 (Version 2.0)
- Transport for NSW - Traffic control at work sites Technical Manual, Issue No. 6.1, February 2022
- Australian Standard AS1742.3 – 2019 'Manual of Uniform Traffic Control Devices – Part 3: Traffic control for works on roads'
- other documents and data as referenced in this plan.

2. Existing and Future Transport Conditions

2.1 Existing Site

The site is located on the former Ronald McDonald House site (known as the Lodge) and has frontages to the southern side of Redbank Road and Labyrinth Way and the western side of Labyrinth Way. The site is partially cleared in preparation for the construction.

The location of the subject site and its surrounding environs is shown in Figure 2.1.

Figure 2.1: Location map



2.2 Existing Road Network

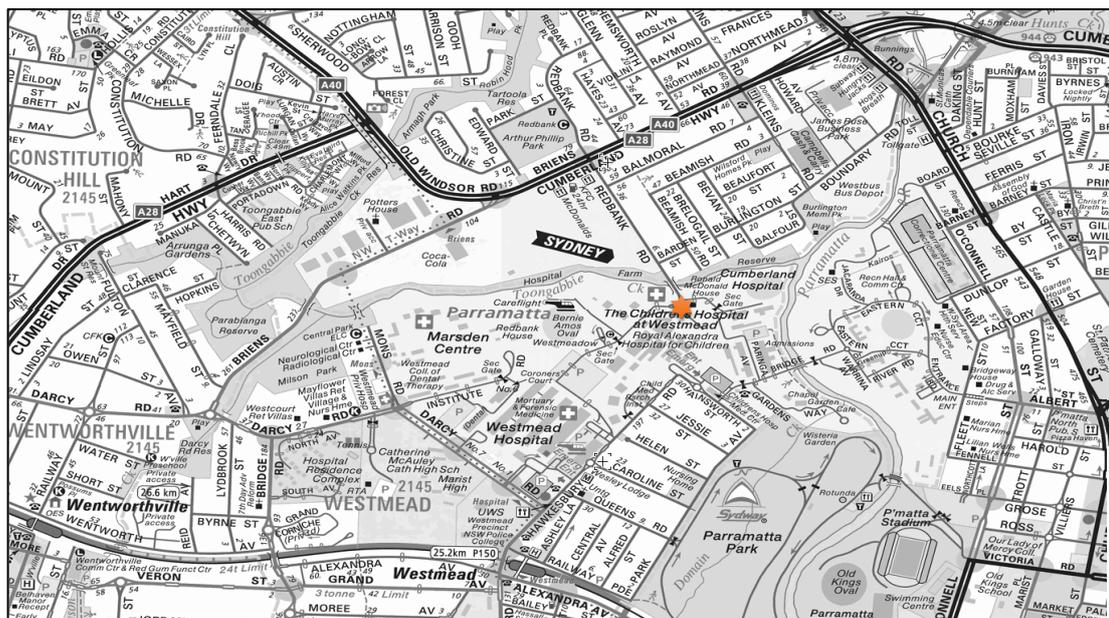
The surrounding road network includes:

- Darcy Road – a major collector road and Regional Road connecting between Binalong Road in Wentworthville and Hawkesbury Road in Westmead. It generally aligns in the Northwest – Southeast with 2 lanes in each direction. Darcy road is a 22.5m wide, divided carriageway with no kerbside parking.
- Hawkesbury Road - a local road / regional Road which runs in the north-south direction. It is a 23m-wide undivided carriageway with 1 northbound and 2 southbound lanes.
- Mons Road – a minor collector road generally running in the North-South direction connecting Dragonfly Drive to Darcy Road. The northern end of Mons Road holds a 24-hour T-Way, allowing direct access for buses to Briens Road.

- Institute Road – a minor local road generally running in the Southwest – Northeast direction providing connections between Darcy Road and Dragonfly Drive. Institute Road is an 8.3m wide, single carriageway with no kerbside parking.
- Dragonfly Drive – a minor local road generally running in the West-East direction providing connections between Mons Road, Institute Road and Redbank Road. Dragonfly Drive is a 6m wide single carriageway with no kerbside parking.
- Redbank Road – a minor collector road providing connections between Briens Road and Dragonfly Drive. Redbank Road is a 7m wide (min) single carriageway with no kerbside parking along the site's frontage. It has a posted speed limit of 20kph in the vicinity of the site.
- Labyrinth Way – a local access road connecting Redbank Road and Paringa Avenue. Labyrinth Way is a 6m wide single carriageway with no kerbside parking along the site's frontage. It has a posted speed limit of 20kph in the vicinity of the site.

The surrounding road network is shown in Figure 3.1.

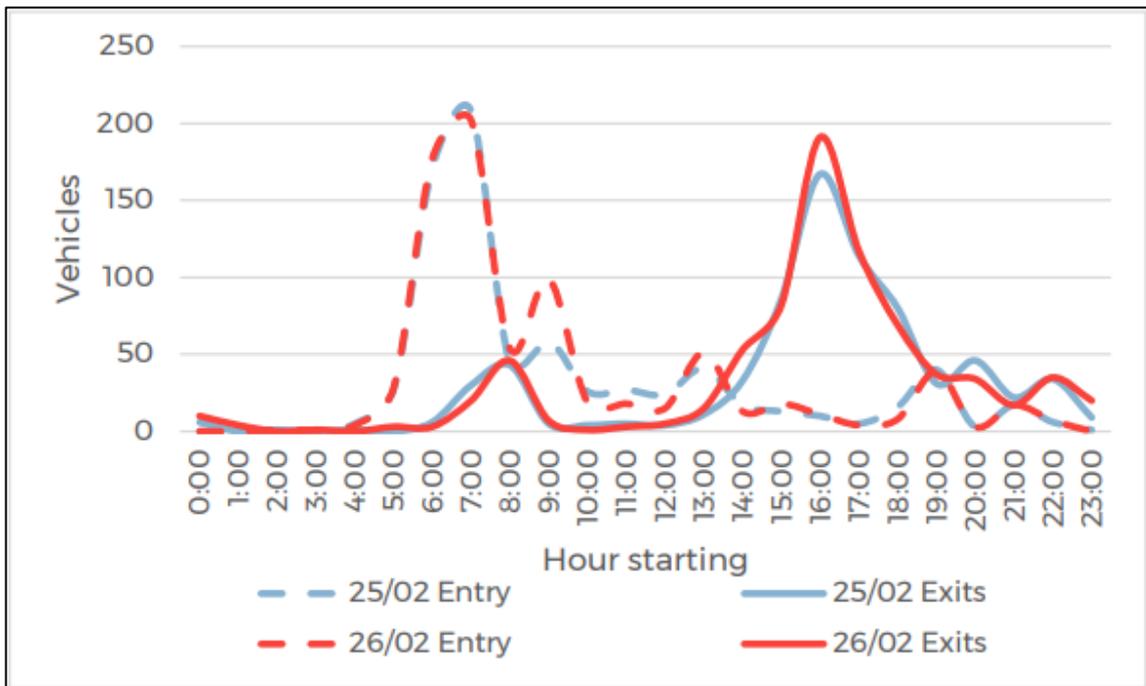
Figure 2.1: Road network in the vicinity of site



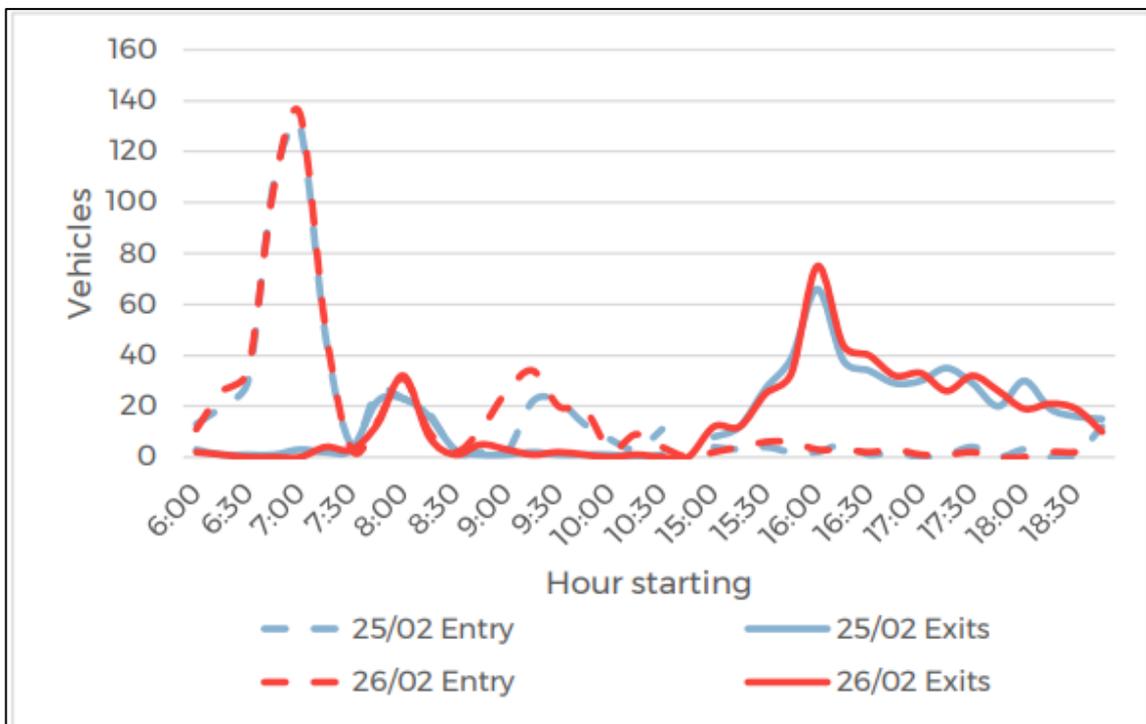
2.3 Traffic Conditions

WSP obtained boom gate data for the CHW staff car park (P17) on February 2020 indicates the CHW's peak traffic activity occurs within a brief 30-minute period between 6:45am and 7:15am in the AM and a brief 15-minute period between 4:00pm and 4:15pm in the PM. Traffic volumes are significantly lower outside these peak periods, as shown in the following figures.

P17 staff car park boom gate daily profile



P17 staff car park boom gate peak period profile



The estimated Year 2020 traffic data for the Briens Road/ Redbank Road are provided in the following figure.

2018 existing AM and PM peak hour surveyed traffic volumes

Year 2020 AM Peak Hour						Year 2020 PM Peak Hour					
14	L		79	163	20	53	L		30	34	19
2639	T		R	T	L	2243	T		R	T	L
301	R					136	R				
			R		33				R		32
L	T	R		T	2347	L	T	R		T	2349
204	34	73		L	99	422	175	155		L	20
Redbank Road						Redbank Road					
Briens Road						Briens Road					

The operational performance of the intersections during the weekday AM and PM peak, have been assessed by WSP as part of the DA report:

Intersection	AM Peak	PM Peak
Briens Road and Redbank Road	D	C

The traffic modelling indicates the nearby intersections to the site currently operate satisfactorily (level of service D or better) during the assessed peak hours.

2.4 Public Transport Services

Train

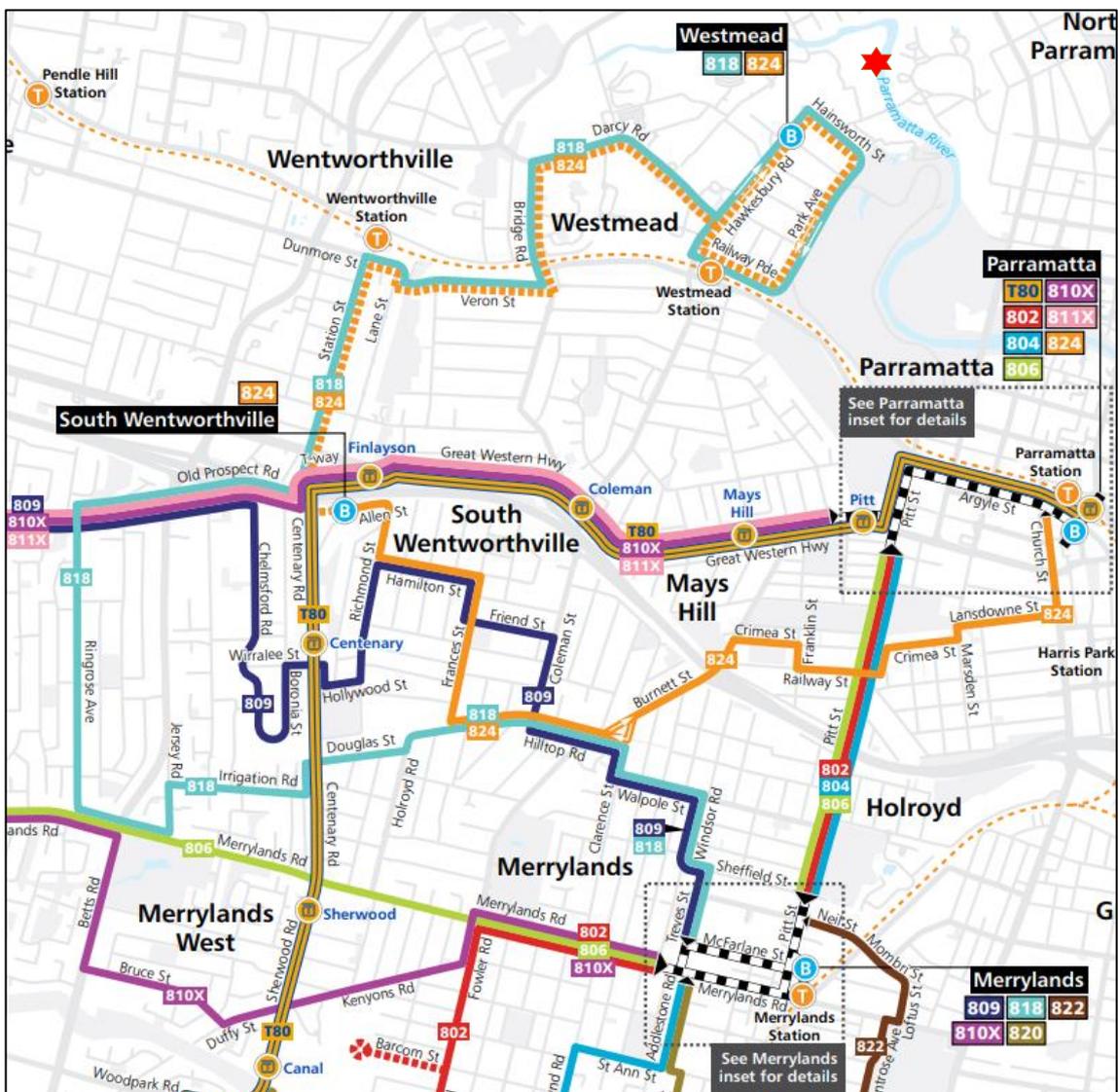
The closest railway station to the site is Westmead Train Station, which is 1km (about a 12-minute walk) to the south of the site. Westmead Station is serviced by the T1 North Shore, Northern and Western Line, T5 Cumberland Line and Blue Mountains Line. Services along the T1 and T5 lines operate every 5 to 10 minutes, with express services to the Sydney CBD (from Parramatta Station). It interchanges with the T9 Northern Line at Strathfield, the T7 Olympic Park Line and the T3 Bankstown Line at Lidcombe and the T2 Inner West and Leppington line at Parramatta, Lidcombe or Strathfield. The T5 Cumberland Line interchanges with the T1 Western and T2 Inner West and Leppington lines at Parramatta, the T3 Bankstown Line at Cabramatta and Liverpool, and the T8 Airport and South Line at Glenfield. Services on the Blue Mountains Line operate every 30 minutes. Details of the existing train services are provided in Appendix A.

Bus

The nearest bus stop to/from the site is located on Hawkesbury Road north of Jessie Street and is within a 5-minute (350-metre) walk to the south of the site. The stop is serviced by the following bus routes:

Bus Route	Details
711	Blacktown to Parramatta via Wentworthville
712	Westmead Children's Hospital to Parramatta
818	Westmead Hospitals to Merrylands
824	Westmead Hospitals to Parramatta via South Wentworthville

Bus route no. 711, 818 and 824 providing connection to/from the Westmead Station. Details of the existing bus services and their connections to nearby railway stations/suburbs are provided in the following figure.



The site is also served by a comprehensive network of bus services with 800m of the site. The bus routes servicing the site vicinity include:

- Westmead Hospital T-Way along Darcy Road: 606, 661, 662, 663, 664, 665, 705, 708, 711, 818, 824

- Westmead Station along Alexandra Avenue: 660, 661, 662, 663, 664, 665, 705, 708, 711, 712, N70, N71

Bus Route	Details
606	Winston Hills to Parramatta
661	Blacktown to Parramatta via Kings Langley & North West Twy
662	Castle Hill to Parramatta via Bella Vista & North West Twy
663	Rouse Hill Station to Parramatta via Kellyville Ridge
664	Rouse Hill Station to Parramatta via Kellyville
665	Rouse Hill Station to Parramatta
705	Blacktown to Parramatta via Seven Hills
708	Constitution Hill to Parramatta via Pendle Hill
711	Blacktown to Parramatta via Wentworthville
712	Westmead Children's Hospital to Parramatta
818	Westmead Hospitals to Merrylands
824	Westmead Hospitals to Parramatta via South Wentworthville
N70	Penrith to City Town Hall (Night Service)
N71	Richmond to City Town Hall (Night Service)

Details of the existing bus services are provided in Appendix B.

2.5 Walking Facilities

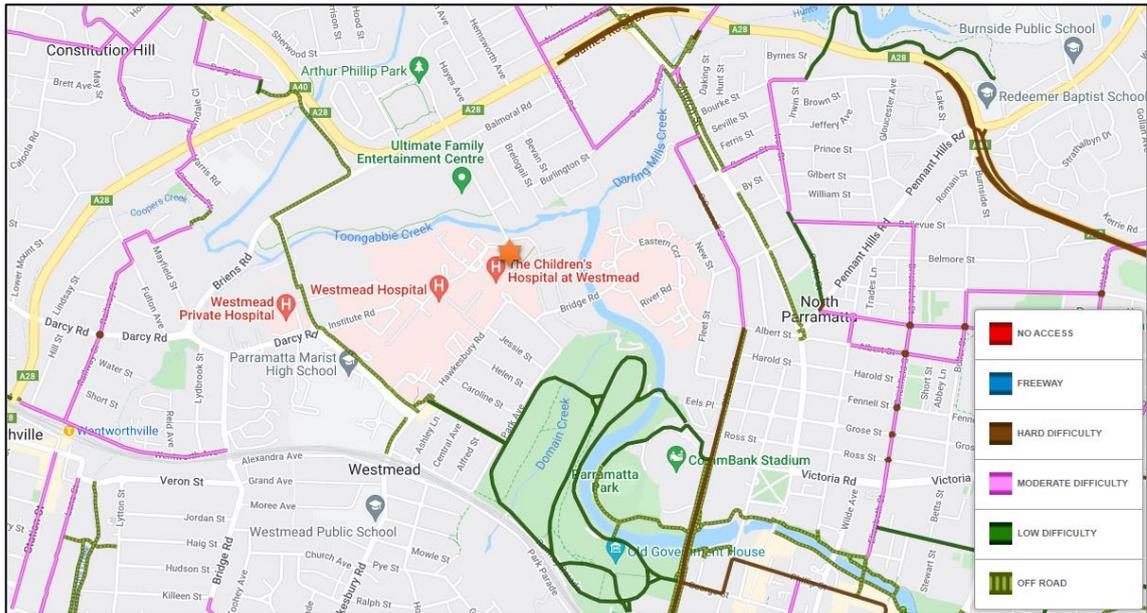
There are currently footpaths on:

- both sides of Redbank Road north of Labyrinth Way.
- Northern side of Labyrinth Way

There are currently no footpaths along Redbank Road south of Labyrinth Way along the site's frontages. Marked crossings are provided at the intersection of Redbank Road and Labyrinth Way.

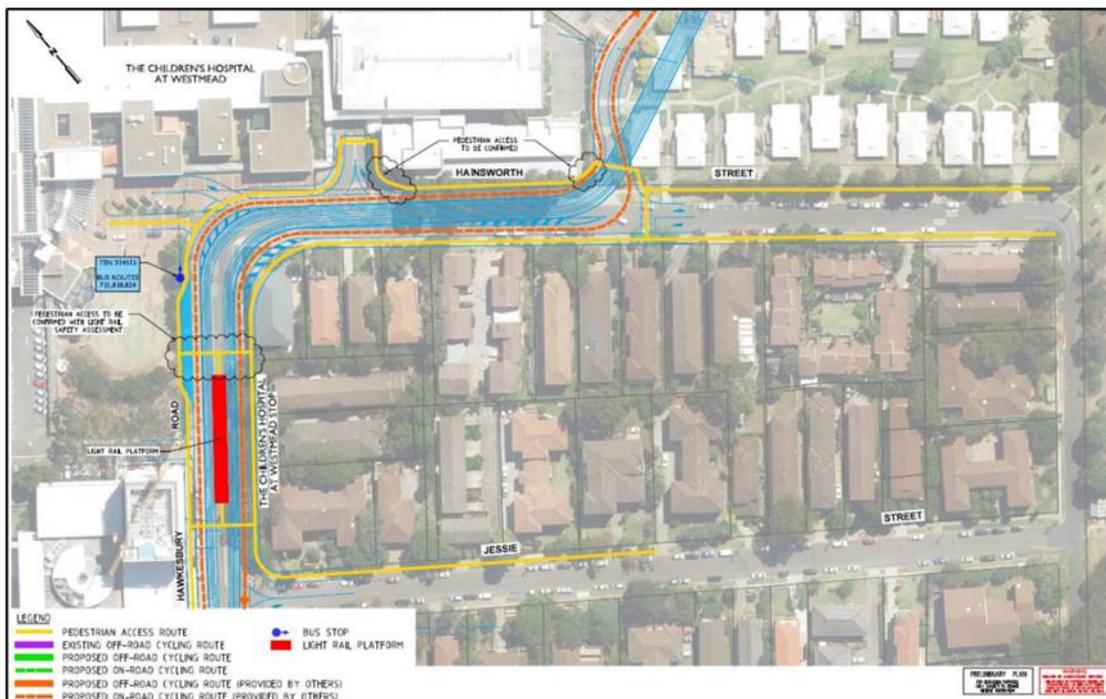
2.6 Cycling Facilities

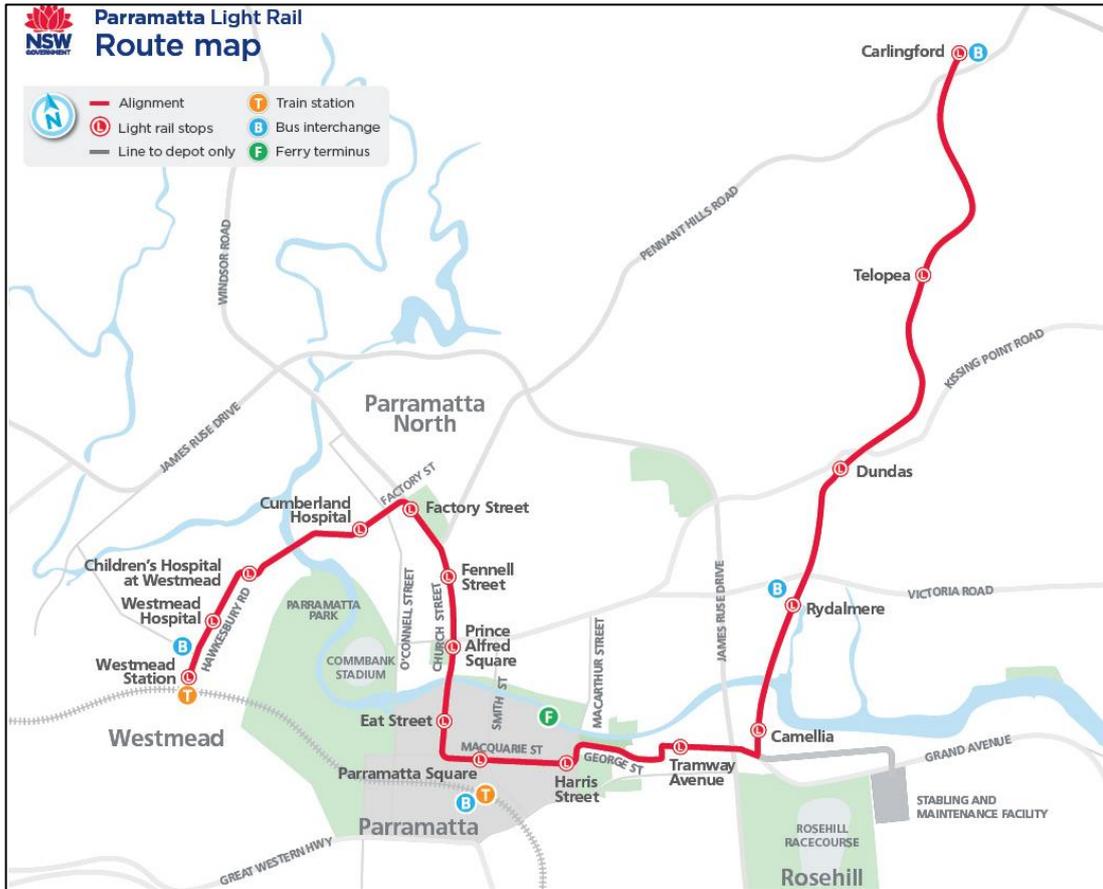
There are currently no bicycle routes along the site's frontages, as shown in the following figure.



2.7 Parramatta Light Rail

The Parramatta Light Rail Stage 1 will connect Westmead to Carlingford via Parramatta CBD and Camellia. The route will link Parramatta's CBD and train station to the Westmead Precinct. The nearest station will be the Children's Hospital at Westmead Station, which is located 350m to the north of the site (see the following figure). The construction has begun in 2018 and is expected to be completed in 2023.





Source: GTA, Parramatta Light Rail Operational Traffic and Transport Technical Assessment Plan, 2017

3. Approved Works and Proposed Construction Scheme

3.1 Approved Works

The scope of approved works includes the construction of a MSCP accommodating both staff and visitor car parking to be located on Labyrinth Way:

- Demolition of The Lodge (**on-going by others**)
- Construction of a new MSCP, approximately 8 car parking storeys, which is equivalent to the height of 5 storeys of the hospital.
 - Facilitating 996 car parking spaces for staff and visitors
 - Vehicular access from Labyrinth Way and / or Redbank Road
 - A split-level approach to the MSCP to respond to the natural ground level
- Ancillary retail facilities
- Realignment of Redbank Road with vehicular access connection to MSCP (**to be completed by the early works civil contractor**)
- Tree removal
- Associated landscape works.

The proposed development is shown in in Appendix C.

3.2 Construction Site Layout

The construction site layout provided in the following figures indicate the locations of:

- Dedicated construction site entrance (Gate 1) and exit (Gate 2)
- Truck turning zone
- Truck standing area
- Concrete pouring zone
- Dedicated storage area (included excavated material, construction materials)
- A-Class hoarding
- Site amenities

It is noted that the waste and recycling bins/containers will be placed near Gate 2.



3.3 Construction Stages and Program

The site establishment activities have commenced on the site in May 2022. The construction will commence upon approval from stakeholders with expected completion by mid-2023.

Construction is anticipated to occur as per the below:

- Early works
- Site establishment
- Existing services
- Site remediation works
- Civil works/piling platform
- Piling works
- Substructure
- Superstructure
- Post-tensioning
- Props removal
- Envelope

- Services
- Internal finishes and services
- External works

3.4 Construction Hours

The approved hours for construction, including the delivery of materials to and from the site, are:

Monday to Friday	7.00 am – 6.00 pm
Saturday	8.00 am – 1.00 pm 1pm and 5pm (works with noise levels do not exceed the existing background noise level plus 5dB)
Sunday and public holidays	No work

Rock breaking, rock hammering, sheet piling, pile driving and similar activities can be carried out during:

Monday to Friday	9.00 am – 12.00 pm; 2.00 pm – 5.00 pm
Saturday	9.00 am – 12.00 pm
Sunday and public holidays	No work

Construction activities may be undertaken outside of the above hours if required:

- by the Police or a public authority for the delivery of vehicles, plant or materials;
- in an emergency to avoid the loss of life, damage to property or to prevent environmental harm;
- where the works are inaudible at the nearest sensitive receivers;
- for the delivery, set-up and removal of construction cranes, where notice of the crane related works is provided to the Planning Secretary and affected residents at least seven days prior to the works;
- where a variation is approved in advance in writing by the Planning Secretary or his nominee if appropriate justification is provided for the works.

Notification of such construction activities as referenced in condition C6 must be given to affected residents before undertaking the activities or as soon as is practical afterwards.

Kane shall ensure that all sub-contractors are aware of the permitted hours of operation and shall ensure that all activity occurs strictly within the hours stipulated by the Conditions of Consent.

3.5 Construction Workers Parking

It is anticipated that there will be a maximum of 150 workers on-site during the construction stage. Very limited construction worker parking may be established within the site. All workers will be instructed to use public/active transport and not utilise the hospital's public/patient/visitor parking areas. Kane would take appropriate action if informed of this activity occurring.

The site is in close proximity to well established and high frequency public transport services, therefore construction workers will be encouraged to use public transport to access the site. A tool drop-off and storage facility will be provided within the site office. This would allow tradespeople to drop off and store their tools and machinery, allowing them to use public transport to travel to/ from the site on a daily basis. This will be incorporated into the site induction program.

A Construction Worker Transportation Strategy has been prepared to minimise demand for parking in nearby public and residential streets or public parking facilities. See Appendix D.

All site staff related to the works who **need** to drive to/from the site are to park at the following designated off-street area (see the following figure):

- Westmead Children's Hospital Car Park at Hawkesbury Road (approx. 400 spaces): 250m walking distance to the southeast of the site
- Westmead Hospital - P4 at Hawkesbury Road (360 spaces): 400m walking distance to the southwest of the site



All construction-specific equipment and plant shall be parked wholly within the site.

3.6 On-Street Works Zone

On-street works zone would not be required for the construction-related works. Should a works zone be required, a separate application will be made to the Council to organise appropriate approvals for the proposed works zone prior to the start of works, as well as the parking and traffic changes.

3.7 Cranage and Materials Handling

A tower crane would be required for the construction-related works for materials handling within the on-site material handling zone. Specific areas will be available for loading/unloading, materials handling and storage, and worker sheds, etc. All light materials will be loaded/unloaded directly to/from trucks using either forklifts or trolleys. All materials will be stored on the site, with all excavated materials removed from the site.

3.8 Site Inspections and Record-Keeping

The construction work will be monitored to ensure that it proceeds as set out in the Construction Management Plan provided by KANE. A daily inspection before the start of the construction activity should take place to ensure that conditions accord with those stipulated in the plan and there are no potential hazards. Any possible adverse impacts will be recorded and dealt with as they arise.

3.9 Other Construction Activities

The construction activities will overlap with the construction of the Parramatta Light Rail (PLR) and Sydney Metro West.

Parramatta Light Rail (PLR)

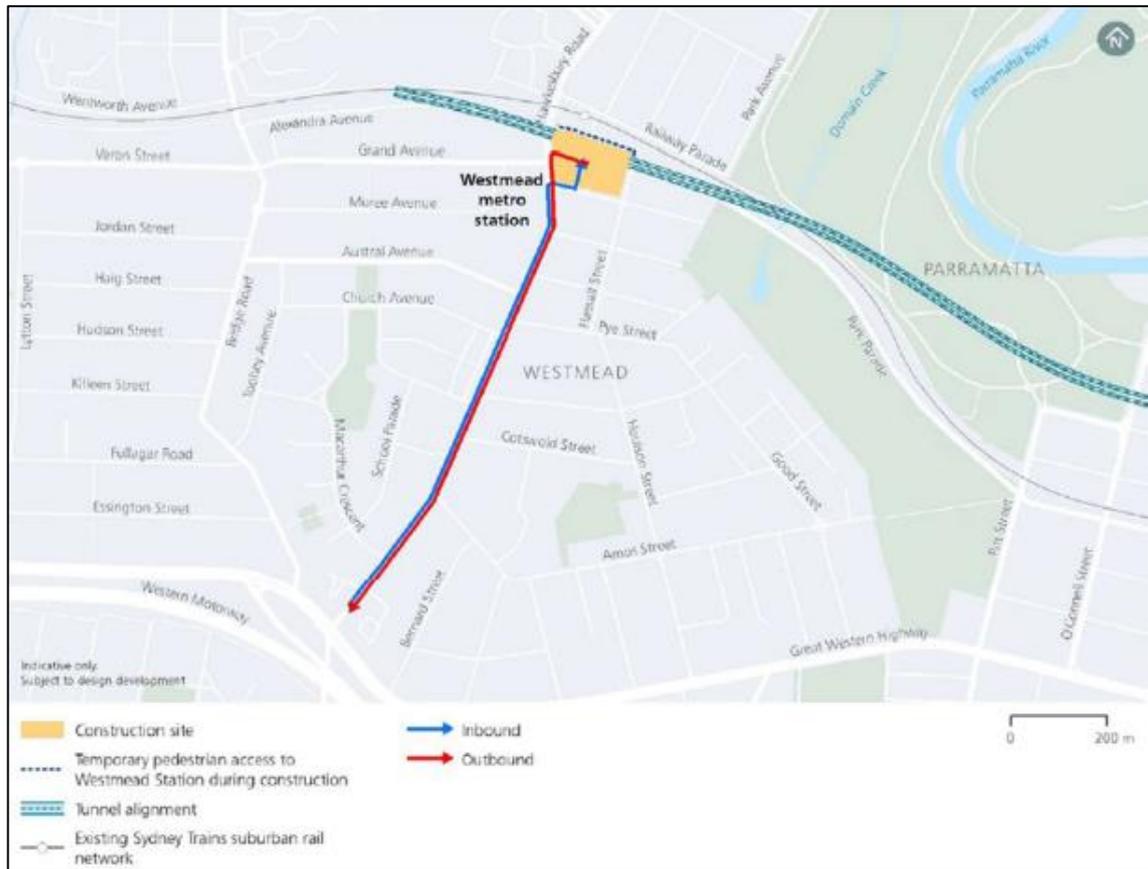
KANE noted that the major construction to deliver the light rail program has begun in 2020, with the network expected to commence services in 2023. Information on the PLR Project can be found at <http://www.parramattalightrail.nsw.gov.au/>.

The primary construction vehicle route for PLR is via Hawkesbury Road, Darcy Road and Cumberland Highway.

Sydney Metro West

Based on the Construction Traffic Management Plan Westmead prepared by DELTA dated 12/10/2021, the construction site access is via Hawkesbury Road into Bailey Street with the egress directly onto Hawkesbury Road. The construction vehicle routes are shown the following figure.

Construction vehicle routes for Sydney Metro West



With the above measures, it is not expected that this level of traffic movement would create any adverse impact on the surrounding road network.

3.10 Consultation, Communication and Liaison

This Plan has been prepared in consultation with Council and TfNSW. See Appendix E.

In addition to Council and TfNSW, KANE will continue to liaise/coordinate with the following the relevant stakeholders:

- Westmead Health precinct stakeholders
- Westmead Hospital
- Parramatta Connect (Parramatta Light Rail)
- Police NSW
- Bus Operators: CDC, Transit Systems, Transdev, Hillsbus, and State Transit Authority
- Endeavour Energy

Any planned Disruptions to Westmead Health precinct operations and services will be managed through the process of Disruption Notices (DNs). For such stoppages, the DN will describe the applicable Works, timetable, issues and contingency plans. DNs will be submitted by the KANE to the Project Manager and Hospital stakeholders for approval. Depending on the nature of the Works, these are required 10 days prior to commencement of Works, however this doesn't take into consideration the review and approval process, which depending on the scope of Works can take up to 4 weeks.

In addition, KANE will maintain regular contact with the surrounding project contractors (especially the Parramatta Light Rail construction team - CPB Contractors and Downer) to identify any potential overlap of major construction works and cooperate to ensure such overlaps are minimised during the lifecycle of the works.

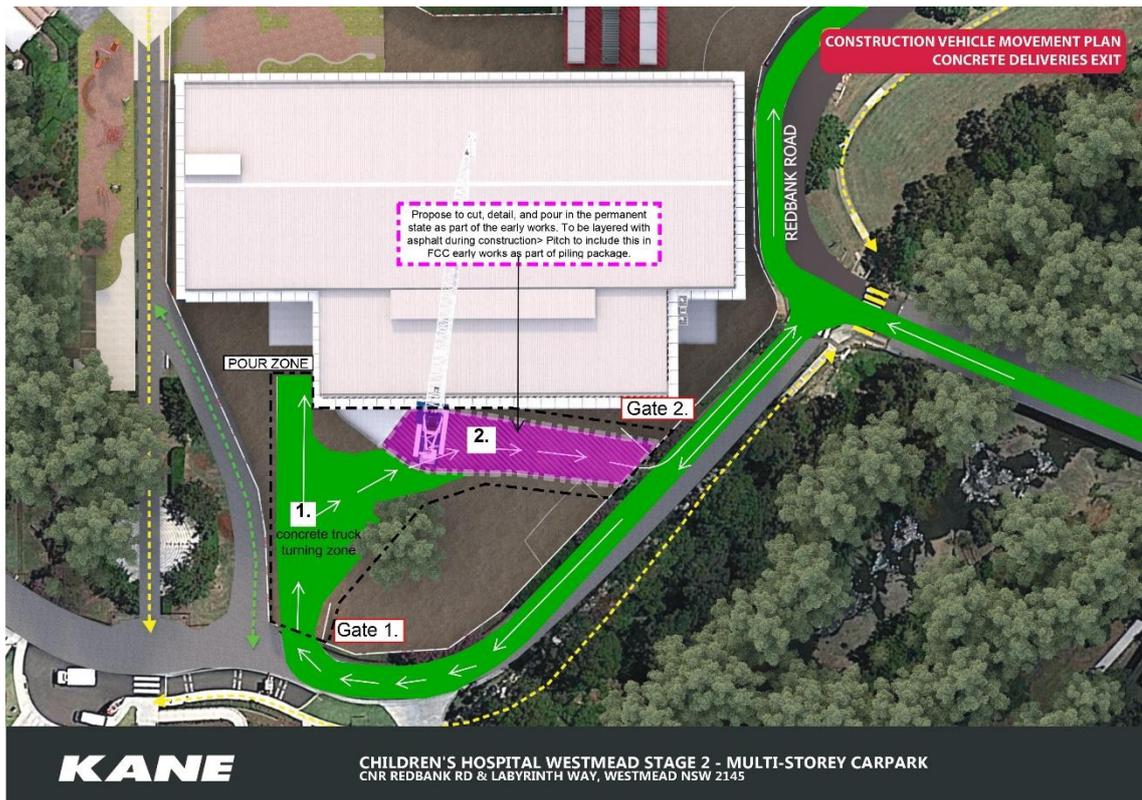
A sign with phone number and email address will be installed on the hoarding to allow the general public to make enquires or complaints regarding traffic control for the site.

KANE will provide a representative for a monthly meeting that may occur with the representatives of the local community and Council staff to discuss traffic control at the site.

4. Traffic Management Plan

4.1 Construction Site Access

Site accesses to the construction site is proposed via 2 gates, as shown in the following figure.



- Gate 1 (ingress only): 5m-wide driveway on Redbank Road. This is an existing driveway to/from The Rotary Wing. Access into the site will be right-in.
- Gate 2 (egress only): 5m-wide driveway on Labyrinth Way on the site's north-eastern frontage. Departure from the site will be left-out.

Sufficient manoeuvring area will be provided on-site to ensure construction vehicles can enter and exit in a forward direction for up to 12.5m heavy rigid vehicles. All vehicles entering and exiting the site will be completed under the management of Traffic controllers.

Swept path analysis was completed for the largest vehicle expected to access the site, which is provided in Appendix F of this plan.

4.2 Pedestrian Access

Access to the site is provided via a security-controlled gate on the north-western corner of the site along Redbank Road. All personnel entering the site will be required to undertake an induction program. Pedestrian activities are currently removed from the construction area by the erected site fencing, which is comprised of A-Class hoarding. Application for the A-Class hoarding will be submitted to Council for approval. Trained on-site personnel will be present at the site access to manage pedestrian movements and assist with vehicle's ingress and egress.

4.3 Construction Traffic Haulage Route

Generally, construction vehicles will have origins and destinations from a wide variety of locations throughout Sydney. However, all construction vehicles will be restricted to the State and Regional Road network.

Dedicated construction vehicle routes (including vehicles associated with spoil removal, material delivery and machine floatage) have been developed with the aim to provide the shortest distances to/from the arterial road network while minimising the impact of construction traffic on streets within the vicinity of the site, as well as avoiding the major construction routes and works zones of the PLR, Sydney Metro and PCB project towards the north and east.

The selected truck haulage routes will have regard for the above construction traffic that is largely concentrated within Darcy Road and Hawkesbury Road, such that their travel directions minimise any possible overlap with other trucks to avoid any further implications during peak periods.

As such, the dedicated construction vehicle routes will use Redbank Road as much as possible, with access to/from Cumberland Highway and Briens Road.

Construction vehicle movements will be limited during peak periods, AM (7 am-9.30 am) and PM (4 pm-6.30 pm) to reduce impacts on any bus operations and traffic flow.

Truck drivers will be advised of the designated truck routes to/ from the site. No queuing or marshalling of trucks will be permitted on public roads in the vicinity of the site.

Accredited traffic controllers will ensure they are in radio contact with truck drivers, thus ensuring each vehicle's arrival is anticipated and planned. Such a process will be important in managing truck activity to ensure access to the construction site is available

at all times and to remove any such likelihood of construction vehicles queuing and waiting along Labyrinth Way to enter the site, causing delays on surrounding roads.

4.4 Driver Code of Conduct

Impacts of Earthworks and Construction

KANE is committed to protecting the environment and preventing air, water and noise pollution. The operators of all construction-related vehicles are subject to environmental regulations relating to vehicle emission and product spill and to minimise the impacts of earthworks and construction on the local and regional road network.

KANE also understands and appreciate the seriousness of polluting the environment and the consequences of this any carelessness or neglect of responsibilities may cause personal injury, loss of life, property damage, substantial fines, and adverse publicity for the company.

All drivers of vehicles transporting loose materials will be required to ensure the entire load is covered using a tarpaulin or similar impervious material. The vehicle driver will need to take all precautions to prevent any excess dust or dirt particles depositing onto the roadway during travel to and from the site. Truck cattle grid and wheel wash station shall be positioned at the exit point of all gates. The respective trades will be inducted by the head contractor into the above procedures and will monitor all trucks exiting the site to ensure the procedures are met.

Kane will be required to monitor the roadways leading to and from the site on a daily basis and take all necessary steps to rectify any adversely impacted road deposits caused by site vehicles. The roads will also be cleaned on a regular basis to minimise dirt particles depositing externally from the site. Such cleaning will occur in the evenings outside of the peak traffic period.

Conflicts with Other Road Users

The road is there to share and therefore, it is KANE's requirement that the heavy vehicle operators display courtesy and restraint towards other road users to minimise conflicts with other road users.

Public roads and access points will not be obstructed by any materials, vehicles, refuse skips or the like, under any circumstances. All deliveries and works will be carried out within the site at the designated Construction Zones. If there is a requirement to operate

any material handling machinery on public access roads, Kane will be required to seek separate Council/Police/TfNSW/Sydney Buses approval prior to the event.

Road Traffic Noise

Generating excessive noise is governed by legislation and is an offence. Heavy trucks generate a higher level of noise than light vehicles. The amenity of surrounding road users/residents is to be maintained as far as practical during the construction process. Vehicles traveling to, from and within the site shall not create unreasonable or unnecessary noise or vibration to minimise interference to adjoining building operations. No tracked vehicles will be permitted or required on any paved roads. All heavy vehicle operators are required to adhere to the following during the course of their duty:

- If possible, minimise road traffic noise by not using engine brakes near residences and built-up areas.
- All vehicles must be fitted with audible reversing alarms. These are essential for the safety of all personnel. Reversing alarms are, however, the source of potential noise complaints from neighbouring residents, so all drivers should be aware of this and try to minimise reversing when possible.
- Avoid loading and unloading of materials/deliveries outside of daytime hours.
- Compounds and work areas should be designed as one-way to minimise the need for vehicles (up to 18.1m truck and dog trailers) to reverse.
- Trucks should not idle near to residential receivers.
- Stationary sources of noise, such as generators, should be located away from sensitive receivers.
- Project personnel, including relevant sub-contractors, to acquaint themselves with noise and vibration requirements and the location of sensitive receivers during inductions and toolbox talks.
- Delivery vehicles should be fitted with straps rather than chains for unloading, wherever possible.
- Truck drivers should avoid compression-braking as far as practicable.
- Where night-time works are required, trucks should use broadband reversing alarms.

Specified Routes

All trucks must enter and exit the works via the site gates. The preferred routes for access to and from the site provided in Section 5.4.

Where possible, you should always:

- Use main roads,
- Use bypasses,
- Avoid communal areas, schools, e.g. (particularly during school start and finish

times), parks, etc.

The heavy vehicle operators must stick to the defined routes laid down unless there are exceptional circumstances. Such exceptional circumstances may be:

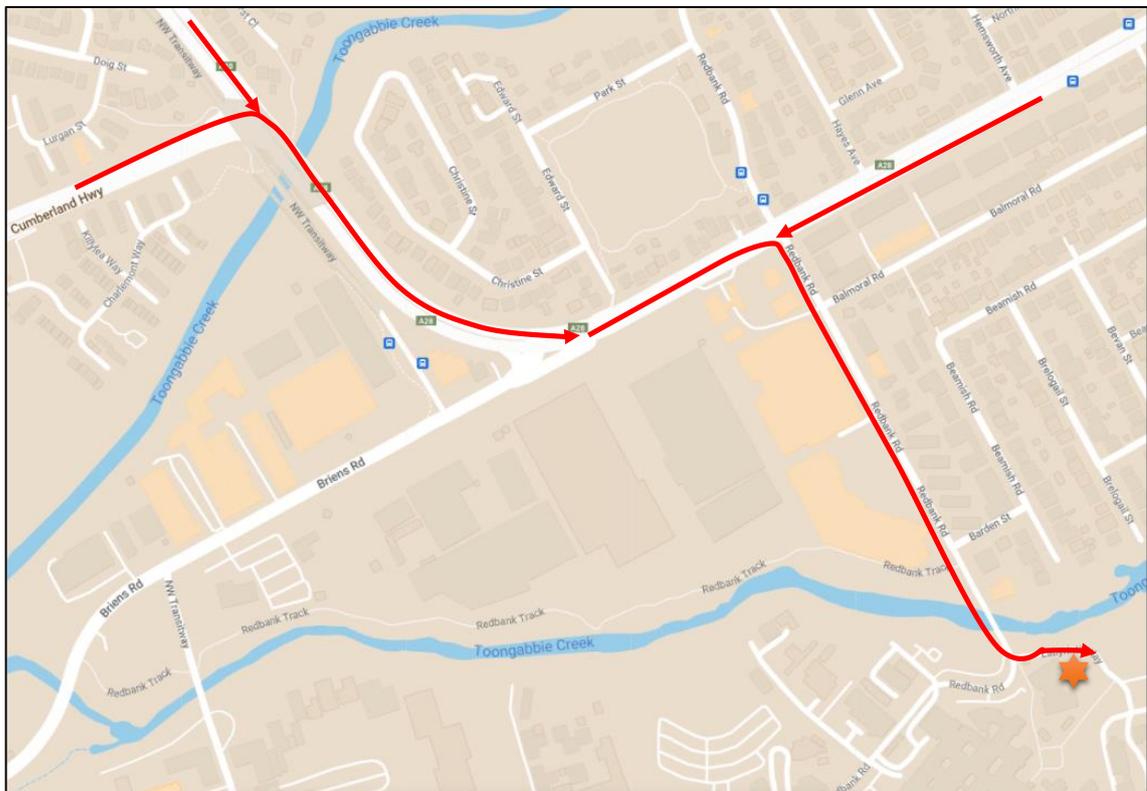
- Normal route blocked, e.g., flooded,
- A revised route agreed in writing.

Trucks and heavy vehicles must not use local residential streets.

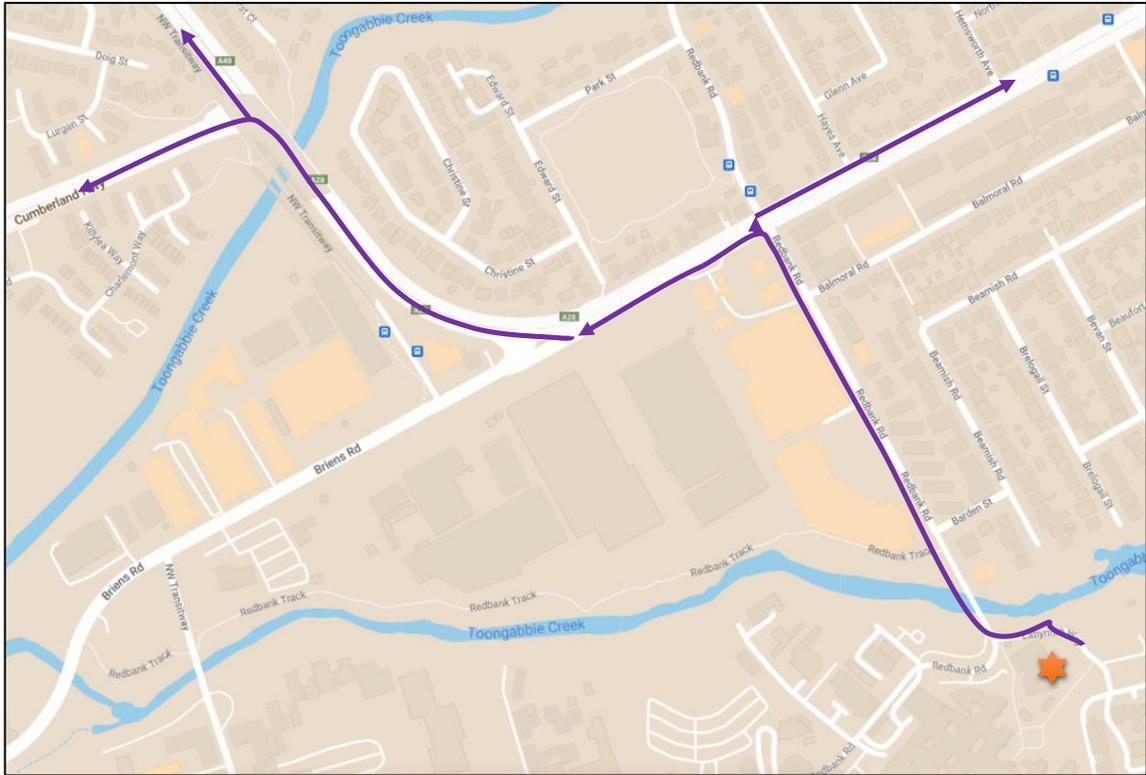
4.5 Construction Vehicle Route

Generally, construction vehicles will have origins and destinations from a wide variety of locations throughout Sydney. However, all construction vehicles will be restricted to the State and Regional Road network as much as possible. Dedicated construction vehicle routes have been developed with the aim to provide the shortest distances to/from the arterial road network while minimising the impact of construction traffic on streets within the vicinity of the site. As such, the dedicated construction vehicle routes to/from north and east via Redbank Road and Briens Road, as illustrated in the following figures.

Truck arrival routes



Truck departure routes



4.6 Construction Vehicle Types

It is anticipated that the construction works will involve the following heavy vehicle types:

Type	Purpose	Length
Heavy rigid vehicles (HRV) including concrete pump and Single bogie	Construction material delivery	12.5m
Medium rigid vehicles (HRV) including Concrete trucks		8.8m
Small rigid vehicles (SRV)		6.4m
Bin trucks	Waste collection	10.2m
Mobile cranes/ Crawler Crane	Material handling/façade installation	18.5m
Small utility vehicle/Van	Tradesperson	5.2m

It should be noted that the precinct roads have generally been designed to accommodate for vehicles up to a 19m semi. As such, the internal road network including Redbank Road can be accommodate the proposed construction vehicle access.

4.7 Number of Construction Vehicles

The construction vehicle estimates during the construction activities would be:

General Construction Activities

- Up to 6 vehicles per hour
- Up to 60 vehicles per day

Large Concrete Pouring Activities

- Up to 10 vehicles per hour
- Up to 80 vehicles per day

The traffic movement activities associated with the proposed construction will be significant less than the proposed development when operational.

4.8 Site Hoarding

Kane is responsible for protecting the construction site with A-Class hoarding. All the construction works are contained within the site boundary. A silt fence will also be installed along the site perimeter prior to the site fence. Safety for passing traffic and pedestrians will be maintained at all times.

4.9 Contact Person

Kane's contact person which will be assigned to liaise with all the stakeholders and have authority without reference to other persons to comply with instructions issued by the Council's Traffic Engineer would be:

Steven Browne
Project Manager
Kane Constructions Pty Ltd
Mobile: 0413 735 490
Email: sbrowne@kane.com.au

4.10 Site Induction and Occupational Health and Safety

All workers and visitors employed on the site by the appointed contractor (including sub-contractors) will be required to undergo a formal 'site induction' process, and all the inductions will be performed specifically to each trade according to the occupational health and safety requirements of the New South Wales Work Cover Authority requirements.

The induction will include details of approved access routes to and from the construction site for site staff and delivery vehicles, parking arrangements, and standard environmental, WHS, driver protocols and emergency procedures. The agreed work hours must be included as part of this induction.

4.11 Traffic Guidance Scheme

The Traffic Guidance Scheme (TGS) presents the principles of traffic management, with the detailed information for worksite operations is contained in the Traffic Control at Work Sites Technical Manual Version 6.1 dated February 2022. The control of traffic at work sites must be undertaken with reference to WorkCover requirements and Kane's Constructions Workplace Health and Safety Manuals.

The TGSs in accordance with Australian Standards 1742.3 is attached in Appendix G.

4.12 Oversized Vehicles

No oversized or over massed vehicles will be required for the construction works.

If an oversized or over massed vehicle is needed, a separate application would be submitted to Council and Transport for NSW.

4.13 Road Serviceability

Kane will be responsible for monitoring and ensuring that the road and footpath along Redbank Road and Labyrinth Way will remain in a serviceable state during the course of the construction. Under the direction of the Council, Kane will restore any roadside facilities affected by the construction works, being footpaths, road pavement, etc., to the Council's satisfaction, at no cost to Council.

4.14 Public Notification

Kane will prepare notification letters, under the approval of Council, that would be dropped and emailed to adjoining property owners to advise of the timeframes for completion of each phase of the development/construction process.

4.15 Spoil Management

To ensure that soil/excavated material is not transported on wheels or tracks of plants and deposited on surrounding roadways, truck cattle grid and wheel wash station will be positioned at the site entry/exit point. Any run-off from the rumble grid will be directed to the sediment control system within the site.

5. Impacts

5.1 Parking

There will be no loss of on-street parking associated with the construction activities. Given that all workers will be instructed to use the public transport, the proposed construction activities are not anticipated to have an adverse impact on the off-street parking in the Precinct.

5.2 Impact on Public Transport Services

As indicated in Figure 5, the heavy vehicle haulage routes will largely be limited on arterial and sub-arterial roads, which are designed to accommodate heavy vehicle movements. As such, the impacts on public transport services will be minimal on the approach/departure routes. While the truck route will overlap with the bus routes during the construction period, it is not expected that traffic generation of no more than 10 vehicle visitations per hour would be adverse to the efficiency of the existing bus services.

5.3 Impact on Pedestrians

During construction, pedestrian movements along Redbank Road will be maintained at all times. A-Class hoarding would be erected around the perimeter of the site. Trained personnel will be made available as needed during construction hours to manage construction vehicle entry and exit and pedestrian movements at the site access, noting that pedestrian priority would be given.

Notwithstanding, all construction-related traffic movements within the site will occur under the supervision of accredited traffic controllers, with trucks escorted between the Access Gates 1 and 2 and Labyrinth Way.

To minimise disruption to pedestrian movements, it is advised that truck movements are managed, wherever possible, to occur outside of peak pedestrian periods.

5.4 Impact on Cyclists

There are no bicycle routes along the site's frontages. As such, the construction activities will not have any impact on cyclists.

5.5 Traffic Movements in Adjoining Council Areas

No adverse effects are expected from the movement of heavy vehicles through adjacent council areas.

5.6 Emergency Vehicle Access

Access to the site and neighbouring sites by emergency vehicles would not be affected by the proposed construction zones, which are within the bounds of the construction site. Emergency protocols on the site would indicate a requirement for the traffic controller to assist with emergency access from Labyrinth Way. All truck movements to the site construction zone and the incident point would be suspended and cleared. Consequently, any potential impacts on emergency access would be effectively managed throughout the works.

The liaison would be maintained with the police and emergency services agencies throughout the construction period, and a 24-hour contact would be made available for 'out-of-hours' emergencies and access. Thus, there would be no adverse impacts on the provision of existing emergency vehicle access to the site or other neighbouring properties as a result of the proposed construction activities.

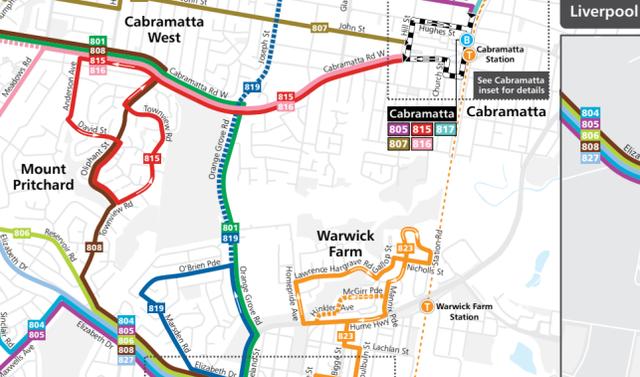
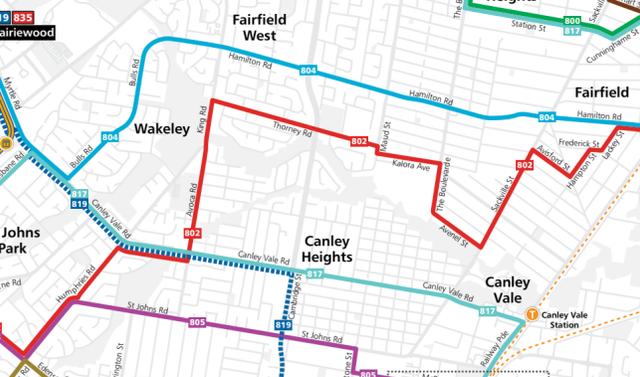
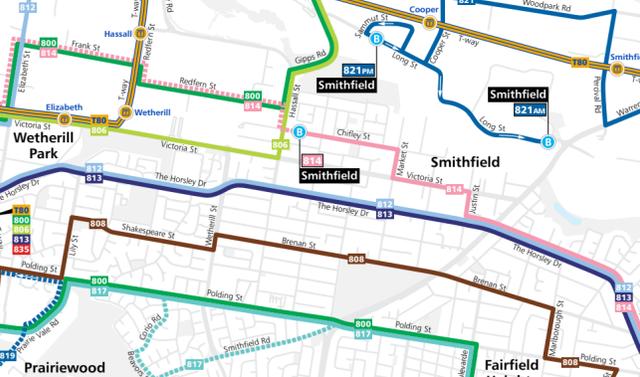
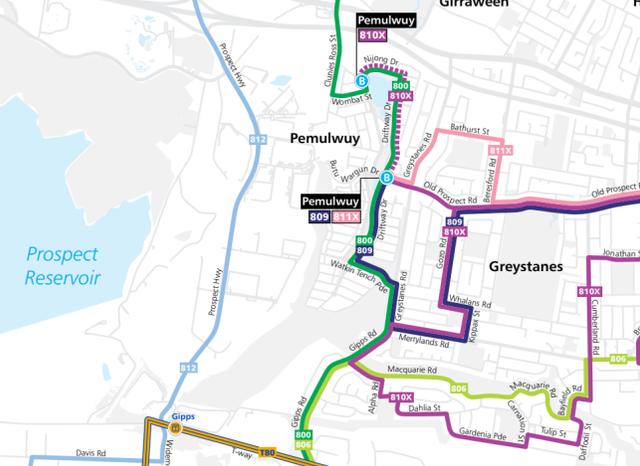
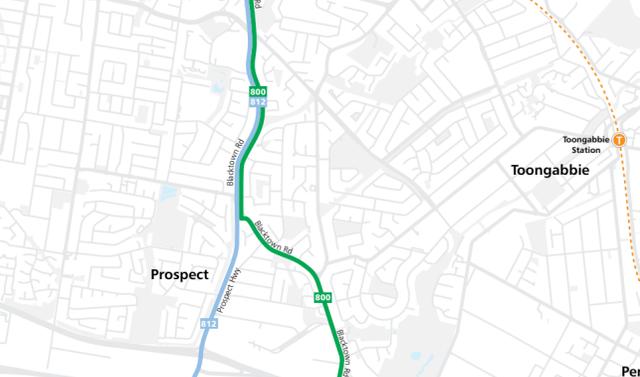
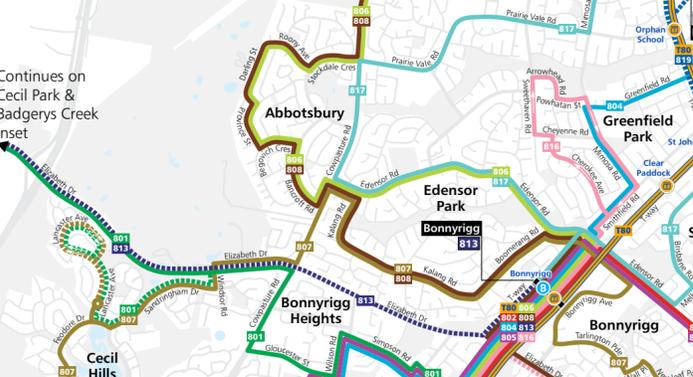
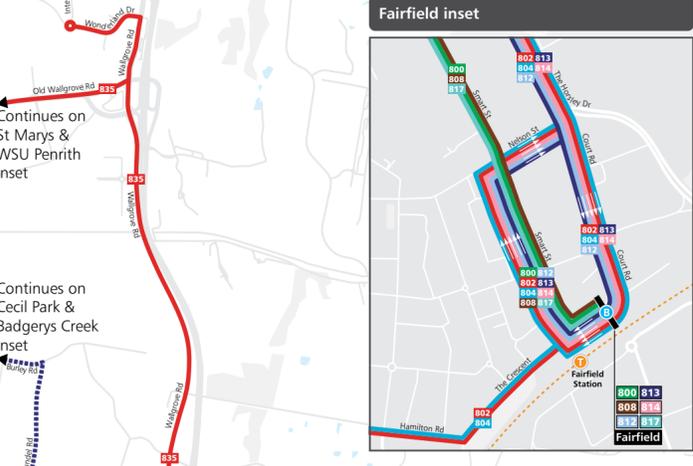
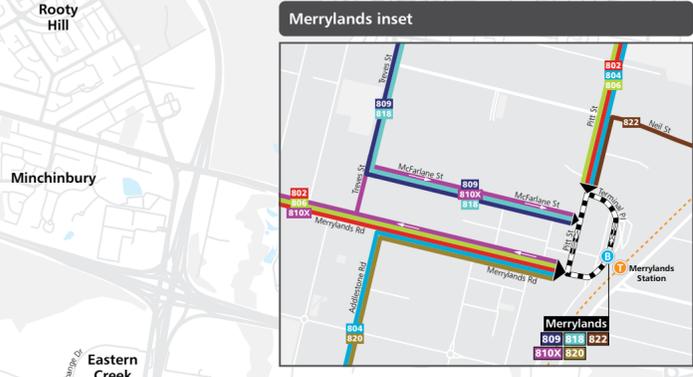
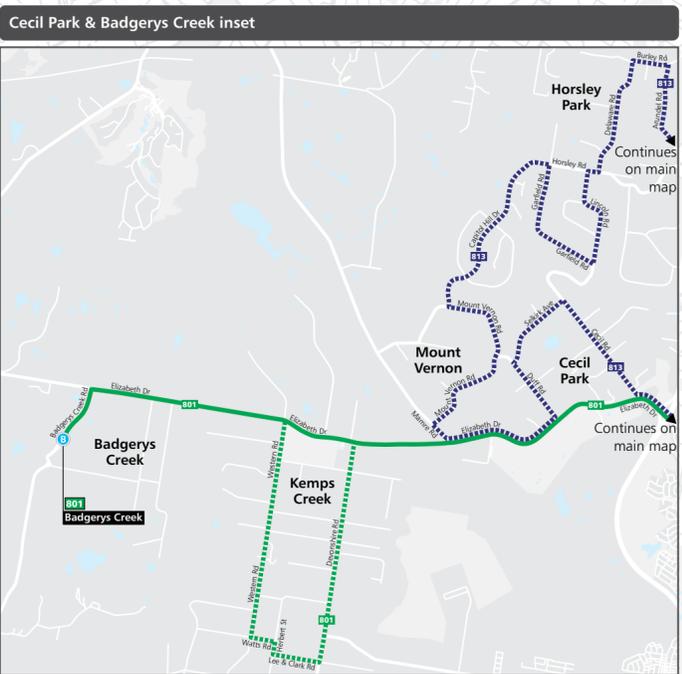
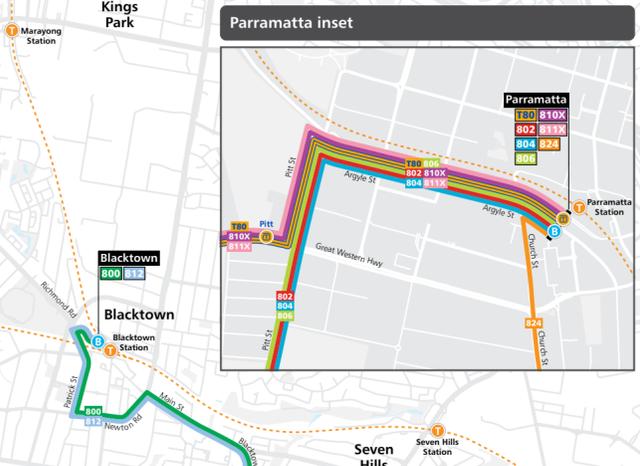
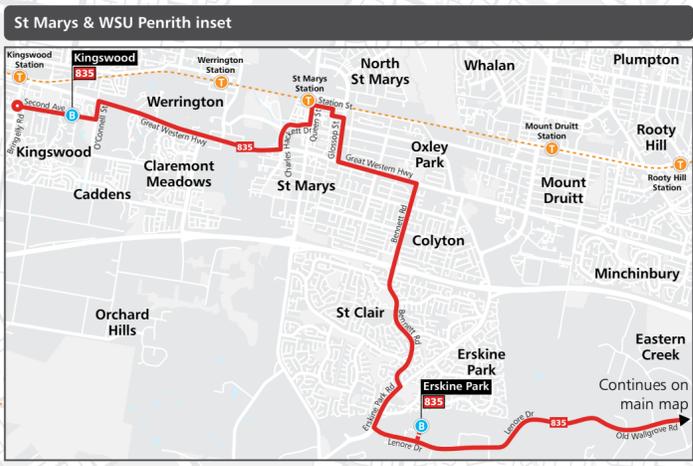
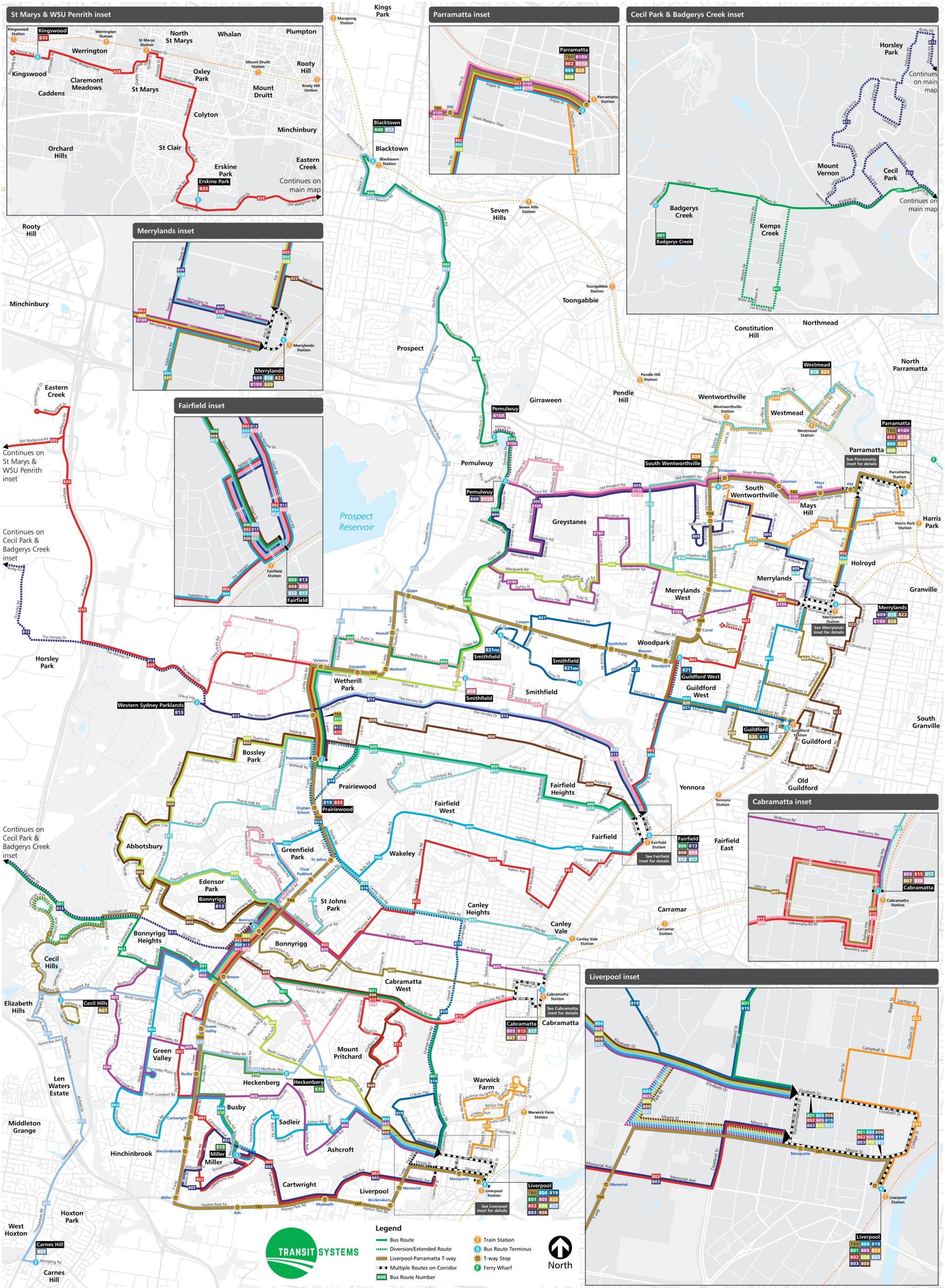
5.7 Construction Traffic

As articulated in the preceding section, the construction works will involve a variety of construction vehicles ranging between an HRV and a normal utility vehicle. The envisaged construction traffic movements vary from time to time, depending on a range of factors including:

- Processes
- Weather
- Time of day

Peak vehicle volumes would be in the order of 10 vehicles (80 movements) per day, which would occur outside of peak traffic periods - AM (7 am-9.30 am) and PM (4 pm-6.30 pm) to minimise traffic (bus and traffic flow) impacts and associated road network delays when possible.

Appendix A - Existing Train Services



Appendix B – Existing Bus Services

Sydney rail network



M Metro **T** Trains



Sydney metro and train lines



Metro North West Line
Chatswood
Tallawong



T1 North Shore & Western Line
North Shore
Western
Richmond



T2 Inner West & Leppington Line
Inner West
Leppington
City



T3 Bankstown Line
Liverpool
Lidcombe
City



T4 Eastern Suburbs & Illawarra Line
Eastern Suburbs
Illawarra
Cronulla



T5 Cumberland Line
Leppington
Richmond



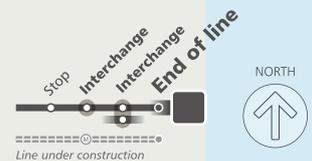
T7 Olympic Park Line
Olympic Park
Lidcombe



T8 Airport & South Line
Airport
South
City



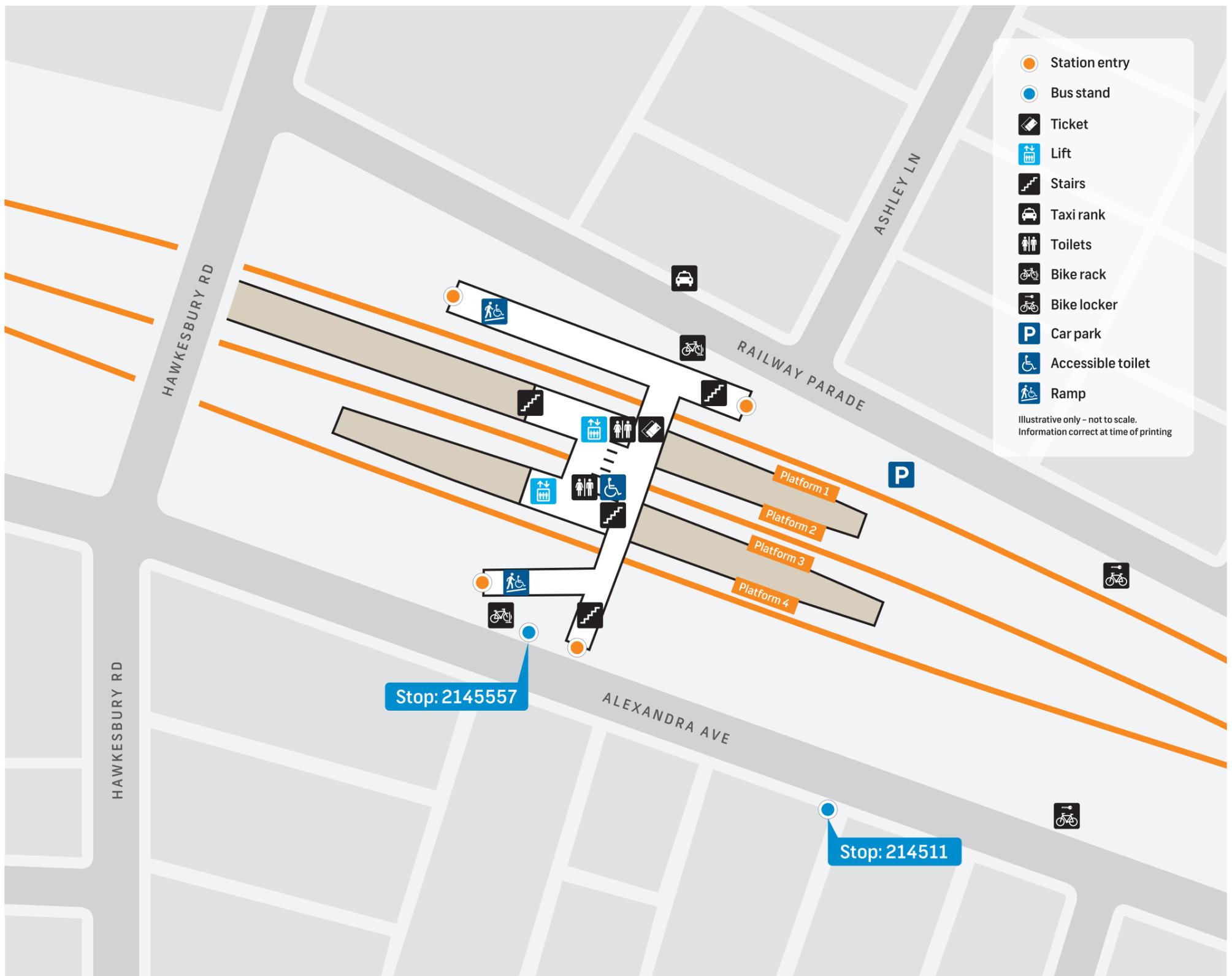
T9 Northern Line
Northern
Gordon



Check timetables and trip planners for train services and connections

Visit transportnsw.info

Westmead Station Public Transport Map



- T**
 - T1** *North Shore, Northern & Western Line*
North Shore
Western
Richmond
 - T5** *Cumberland Line*
Leppington
Richmond
- Blue Mountains**

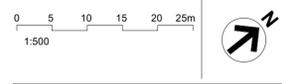
B	Stop: 2145557	Stop: 214511
	705 Parramatta	705 Blacktown
	708 Parramatta	708 Constitution Hill
	711 Parramatta	711 Blacktown
	N70 City Town Hall	N70 Penrith
	N71 City Town Hall	N71 Richmond
	T60 Parramatta	T60 Castle Hill
	T61 Parramatta	T61 Blacktown
	T62 Parramatta	T62 Castle Hill
	T63 Parramatta	T63 Rouse Hill Town Centre
	T64 Parramatta	T64 Rouse Hill Town Centre
	T65 Parramatta	T65 Rouse Hill Town Centre
	T66 Parramatta	T66 Rouse Hill

For more information

 transportnsw.info

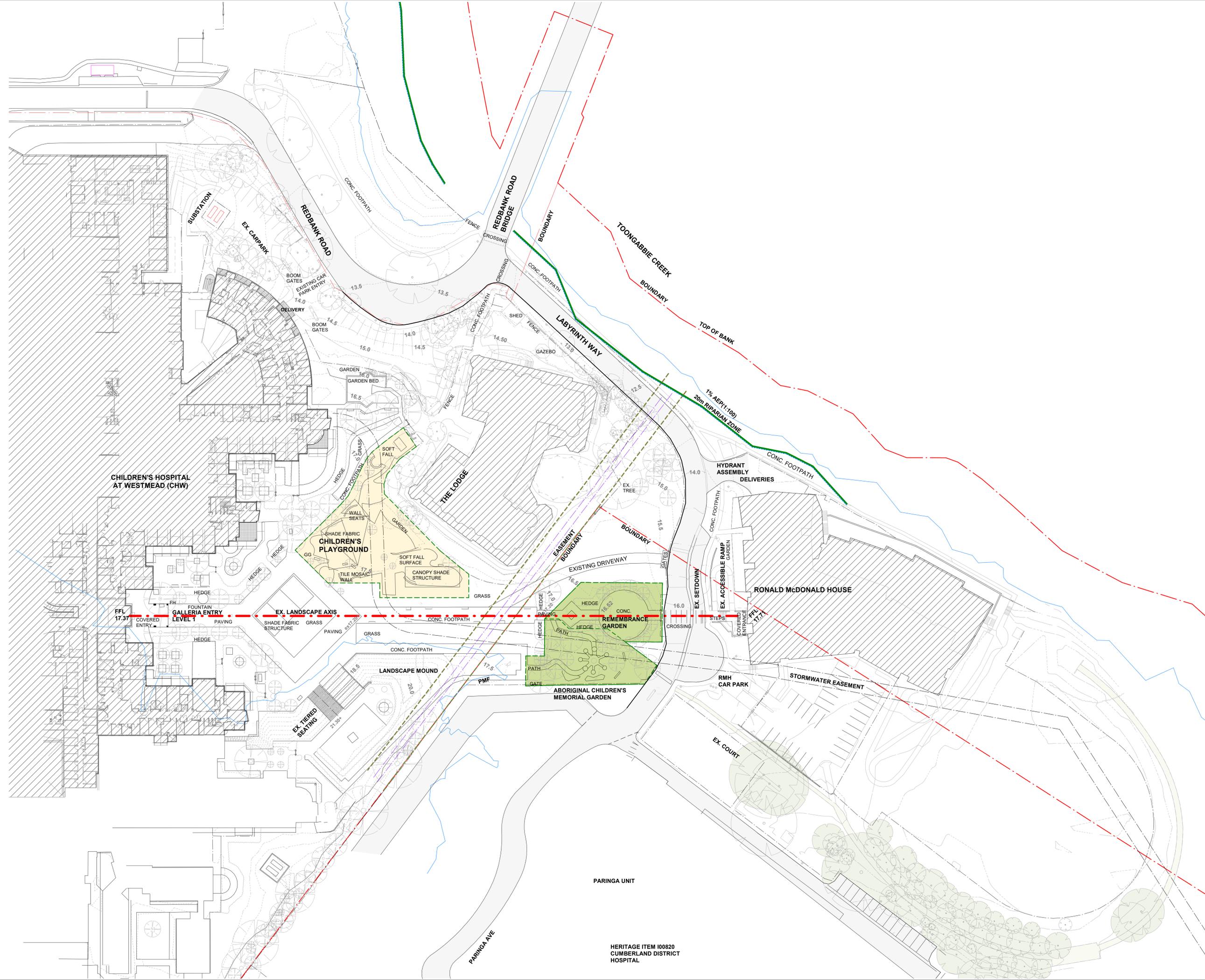


Appendix C – Approved Architectural Plans



- LEGEND:**
-  EXISTING
 -  EXISTING TO BE PROTECTED
 -  EXISTING PLAYGROUND

REFER TO THE DETAIL SURVEY PLANS FOR FURTHER EXISTING DETAIL



EXISTING

C	SSDA For Information	21/12/20
B	SSDA For Information	27/11/20
A	Draft SSDA Issue	16/11/20
REV		

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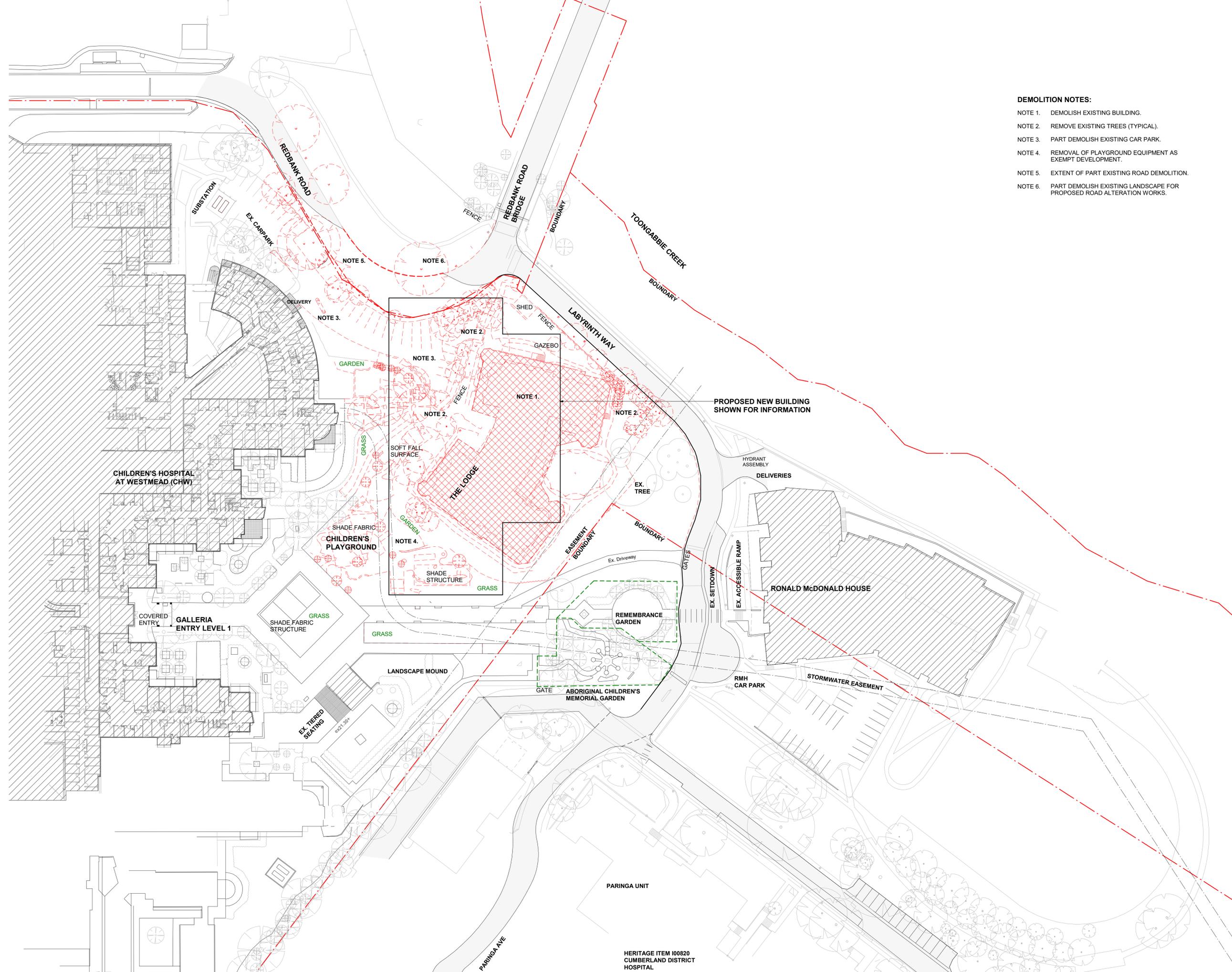
PROJECT
The Children's Hospital at Westmead Stage 2 Redevelopment

Sheet Name
SITE PLAN - EXISTING

Scale	1:500@A1	Date	21/12/20
Drawn By	PH	Checked By	SC
Project No		Revision	C
Drawing No			19038
CHW-AR-DG-MCP-DA007			

FOR INFORMATION

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- DEMOLITION NOTES:**
- NOTE 1. DEMOLISH EXISTING BUILDING.
 - NOTE 2. REMOVE EXISTING TREES (TYPICAL).
 - NOTE 3. PART DEMOLISH EXISTING CAR PARK.
 - NOTE 4. REMOVAL OF PLAYGROUND EQUIPMENT AS EXEMPT DEVELOPMENT.
 - NOTE 5. EXTENT OF PART EXISTING ROAD DEMOLITION.
 - NOTE 6. PART DEMOLISH EXISTING LANDSCAPE FOR PROPOSED ROAD ALTERATION WORKS.

- LEGEND:**
- TO BE DEMOLISHED
 - EXISTING / RETAINED
 - EXISTING TO BE PROTECTED
- REFER TO THE DETAIL SURVEY PLANS FOR FURTHER EXISTING DETAIL

D	SSDA For Information	22/06/21
C	SSDA For Information	21/12/20
B	SSDA For Information	27/11/20
A	Draft SSDA Issue	16/11/20
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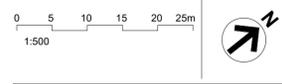
PROJECT
The Children's Hospital at Westmead Stage 2 Redevelopment

Sheet Name
SITE PLAN - DEMOLITION

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Drawn By	PH	Checked By	Ag
Project No		Revision	D
Drawing No			19038

FOR INFORMATION

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- LEGEND:**
- EXISTING / RETAINED
 - INDICATIVE LINE OF PROPOSED WORKS
 - EXISTING GARDENS TO BE PROTECTED
 - REFER TO THE DETAIL SURVEY PLANS FOR FURTHER EXISTING DETAIL
 - PROPOSED AND ALTERATION ROAD / RAMP WORKS. REFER TO THE CIVIL ENGINEER'S DRAWINGS.
 - PLAYGROUND RELOCATED AS EXEMPT DEVELOPMENT.

GENERAL NOTE:

FOR DETAIL OF "PROPOSED FOOTPATHS" REFER TO THE CIVIL ENGINEER'S and LANDSCAPE ARCHITECT'S DESIGN and DRAWINGS.

Existing contours are shown for information only. For the Proposed Finished Ground contours, refer to the design and drawings of the Civil engineer and Landscape architect.

NOTE INDICATIVE Riverine Flooding LINEWORK SHOWN BASED ON the FLOOD IMPACT ASSESSMENT prepared by OveArup.
CHW-ARP-CV-RP-MP-91-XX013 Rev.1

D	SSDA For Information	22/06/21
C	SSDA For Information	21/12/20
B	SSDA For Information	27/11/20
A	Draft SSDA Issue	16/11/20

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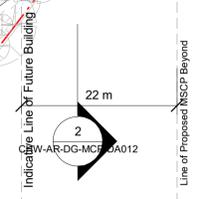
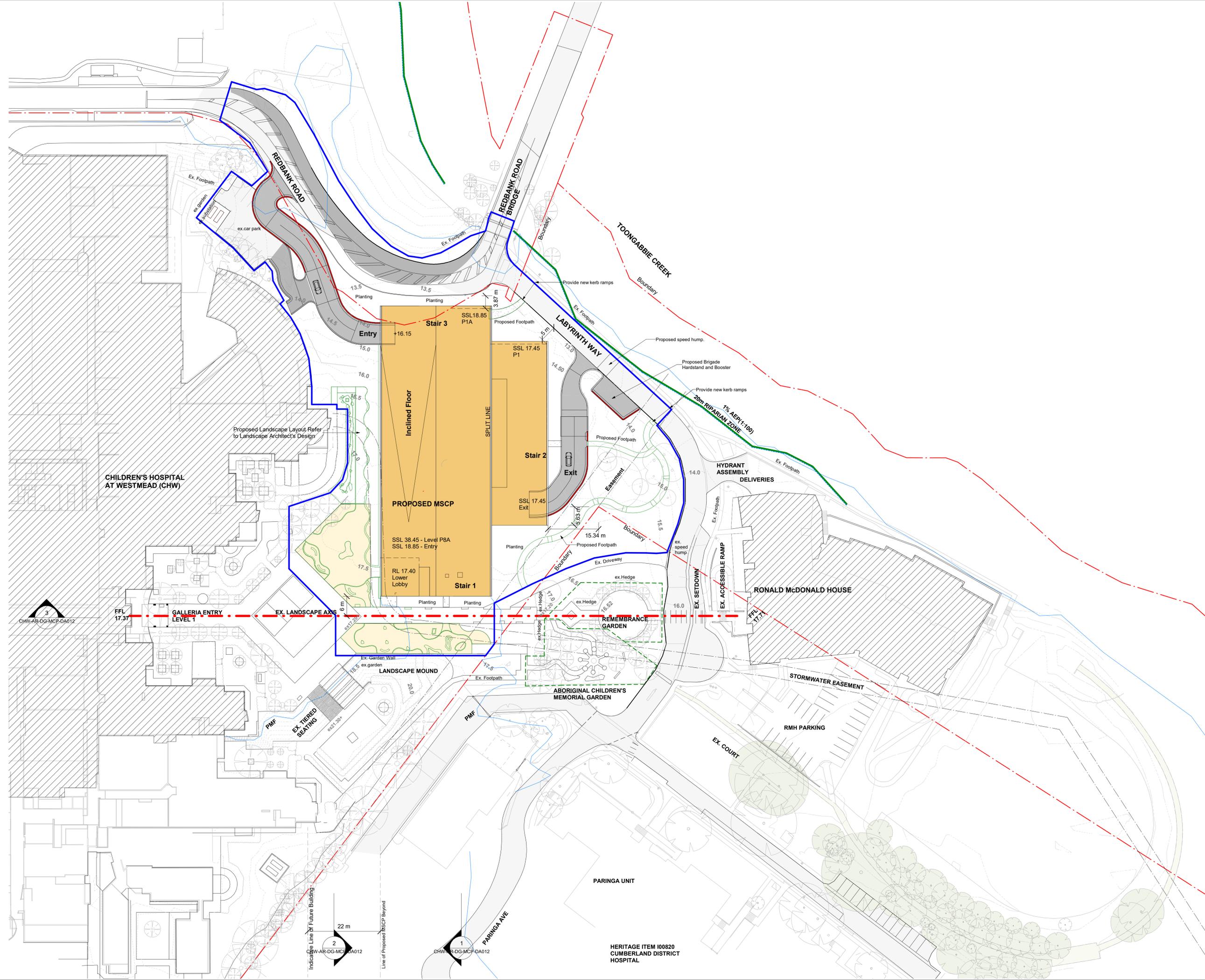
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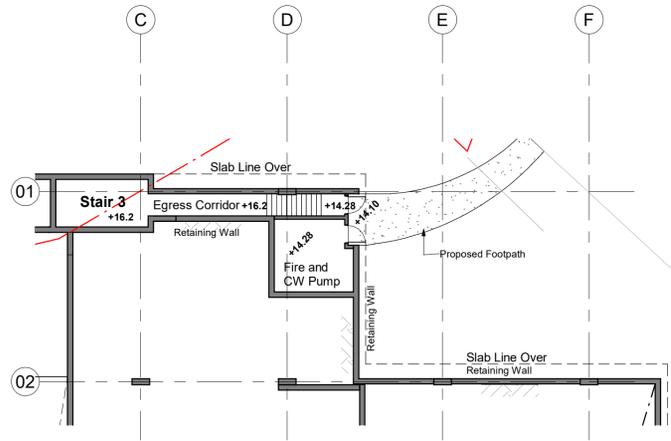
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Drawn By	PH	Checked By	Ag
Project No	19038	Revision	D
Drawing No	CHW-AR-DG-MCP-DA009		

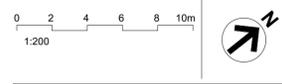
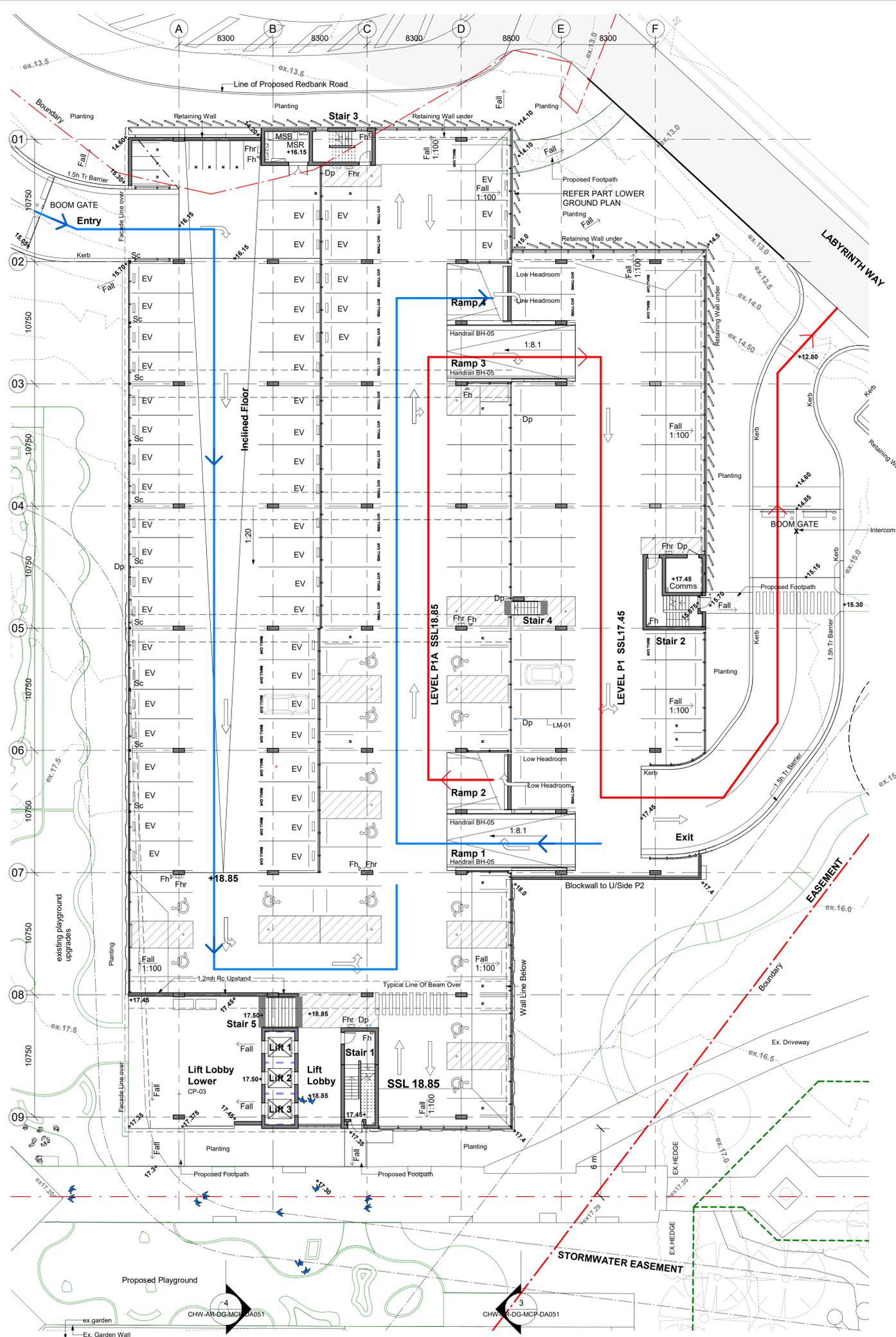
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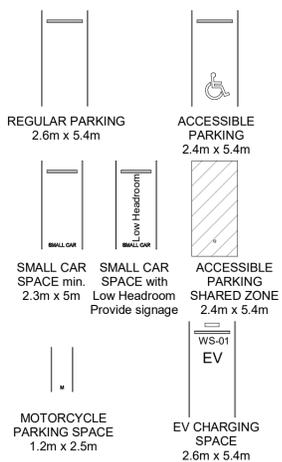
2 PART LOWER GROUND PLAN



NOTE:

INFRASTRUCTURE FOR ELECTRICAL VEHICLE (EV) CHARGING POINT CONDUITS TO BE INSTALLED. EV PARKING CHARGER NUMBERS and LOCATIONS TBC. ALL CAR BAYS NOT INSTALLED AS EV BAYS ARE TO BE CONSTRUCTED AND USED AS REGULAR PARKING. REFER TO THE ELECTRICAL ENGINEER'S REPORT.

PARKING KEY LEGEND:



PARKING SCHEDULE

Level	Count
P8A	99
P8	28
P7A	99
P7	28
P6A	99
P6	28
P5A	99
P5	28
P4A	99
P4	28
P3A	99
P3	28
P2A	99
P2	28
P1A	80
P1	27
TOTAL:	996

MOTORCYCLE PARKING

Level	Count
P4A	2
P3A	2
P2A	2
P1A	18
P1	2
TOTAL:	26

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E	SSDA For Information	21/12/20
D	SSDA For Information	27/11/20
C	Draft SSDA Issue	16/11/20
B	FOR INFORMATION	23/10/20
A	FOR INFORMATION	11/09/20
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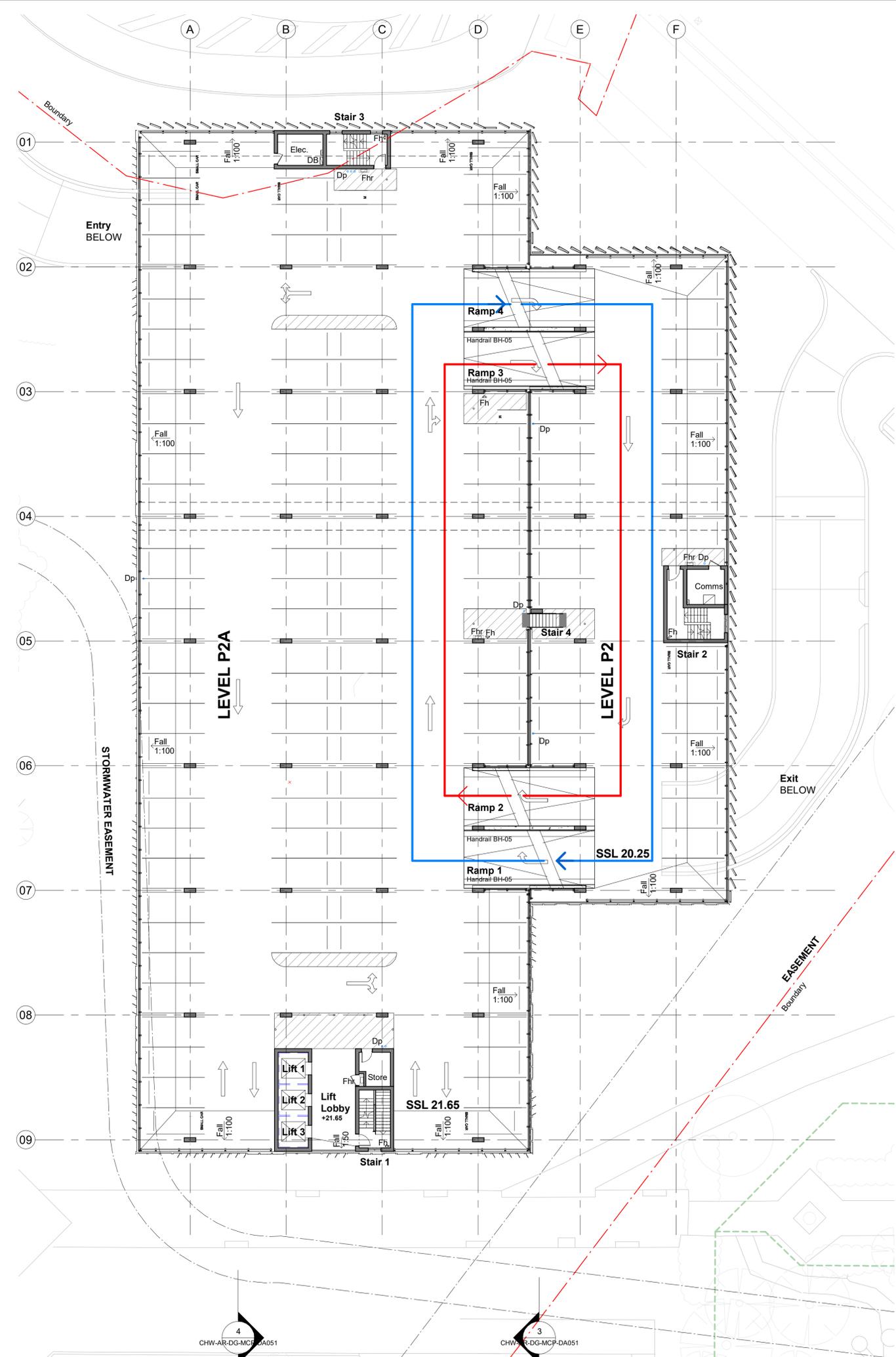
PROJECT
The Children's Hospital at Westmead Stage 2 Redevelopment

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Drawing No	CHW-AR-DG-MCP-DA031	

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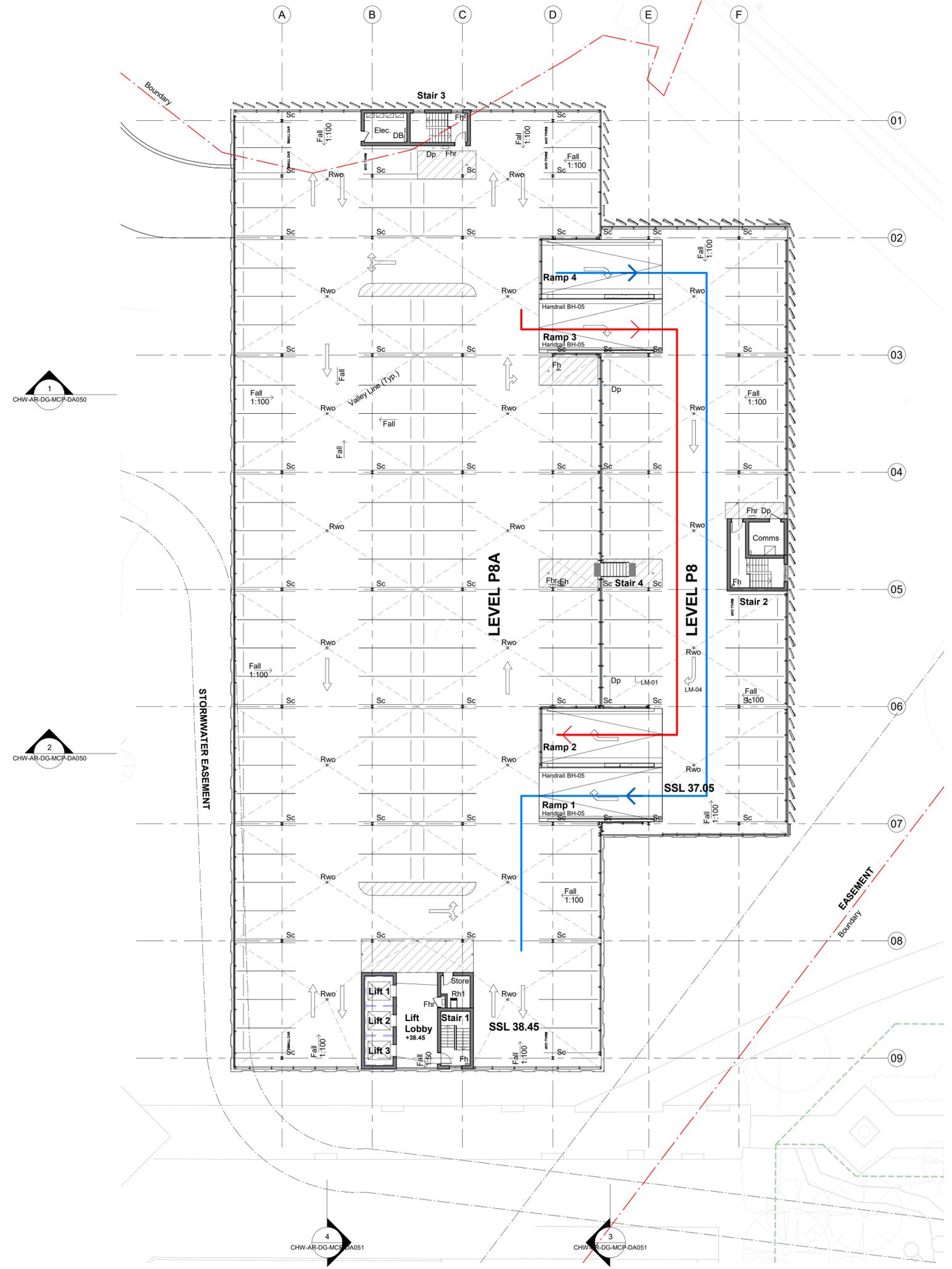
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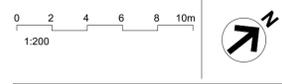
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The Children's Hospital at Westmead Stage 2 Redevelopment

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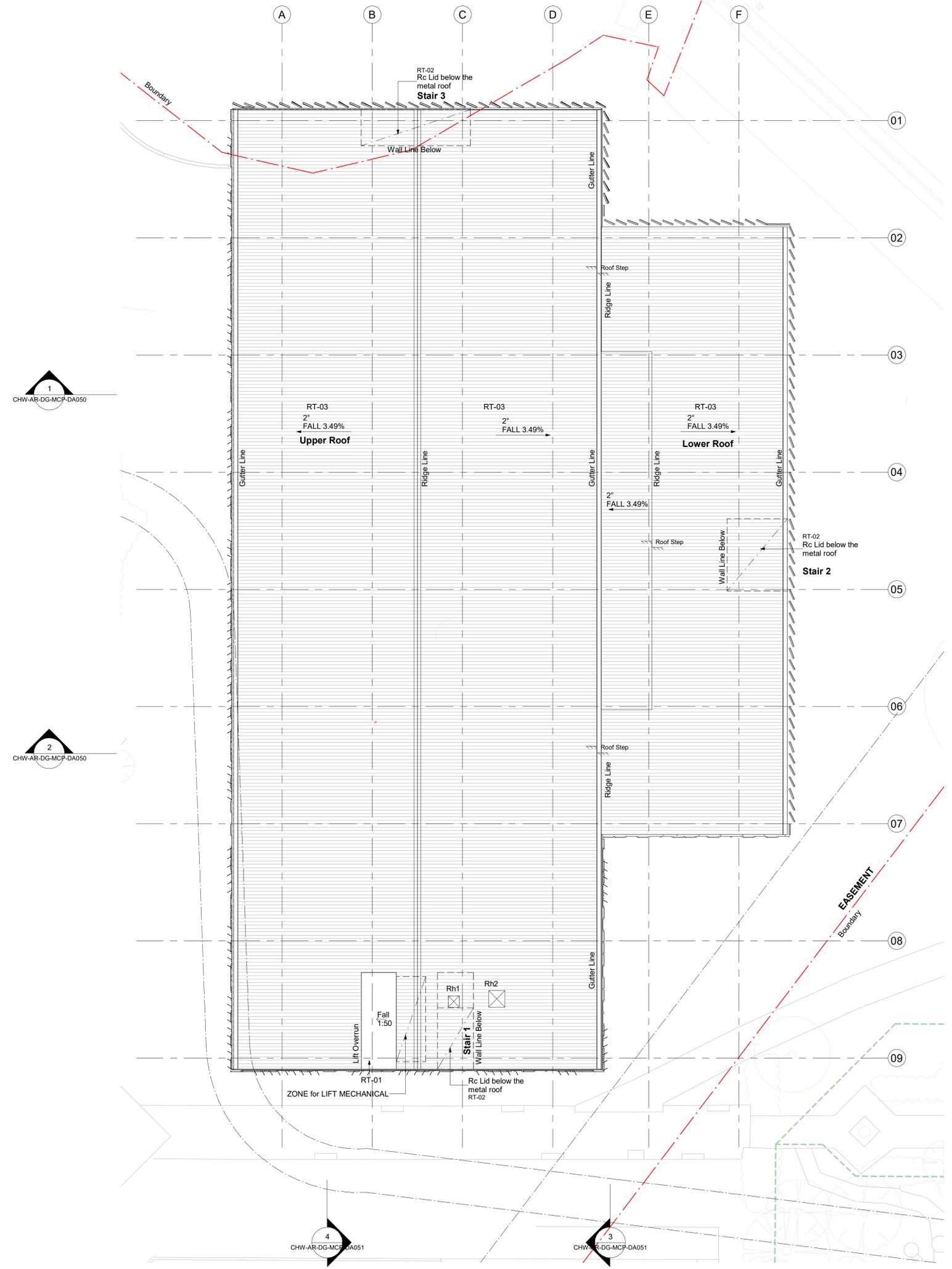
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ROOF NOTES:
 THE STEEL ROOF IS DESIGNED WITH THE INTENT TO SUPPORT PVs.
 REFER TO THE ELECTRICAL ENGINEER'S DESIGN AND DRAWINGS FOR THE PV DETAIL AND SPECIFICATION.



1
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2
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4
CHW-AR-DG-MCP-DA051

3
CHW-AR-DG-MCP-DA051

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A	Draft SSDA Issue	16/11/20

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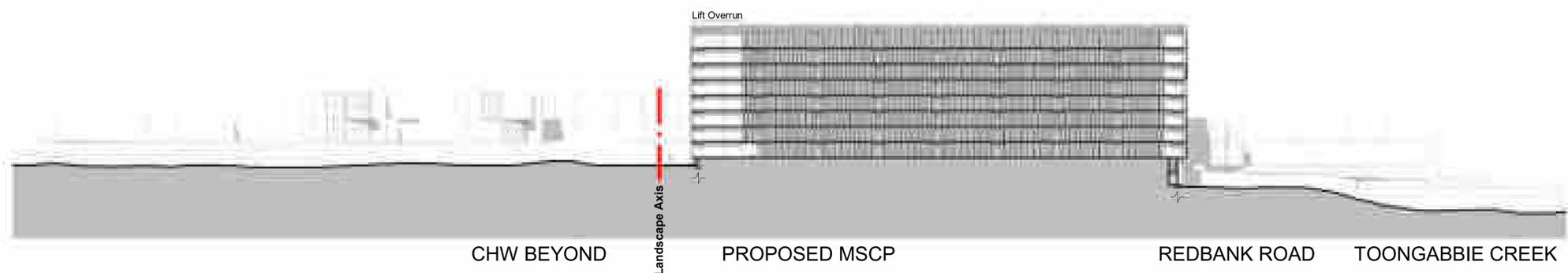
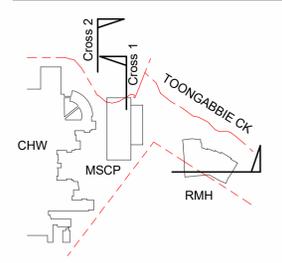
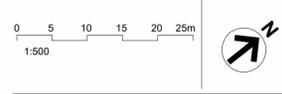
PROJECT
The Children's Hospital at Westmead Stage 2 Redevelopment

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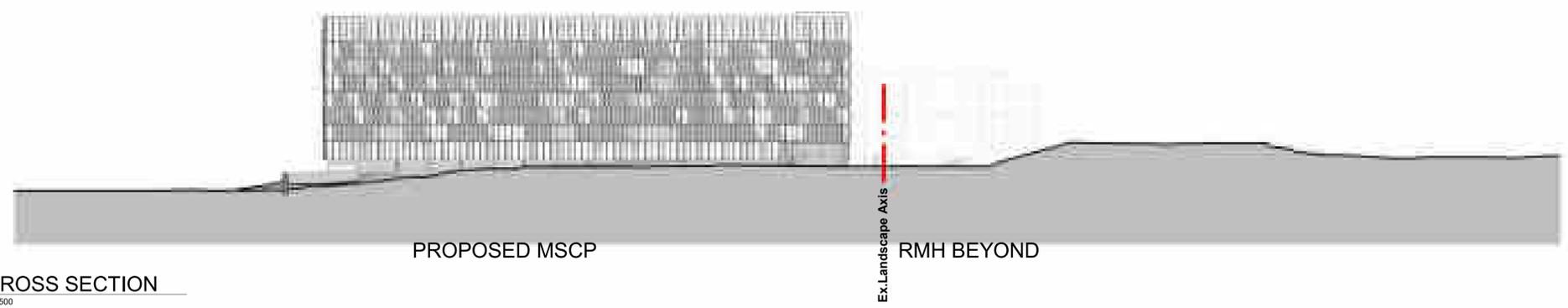
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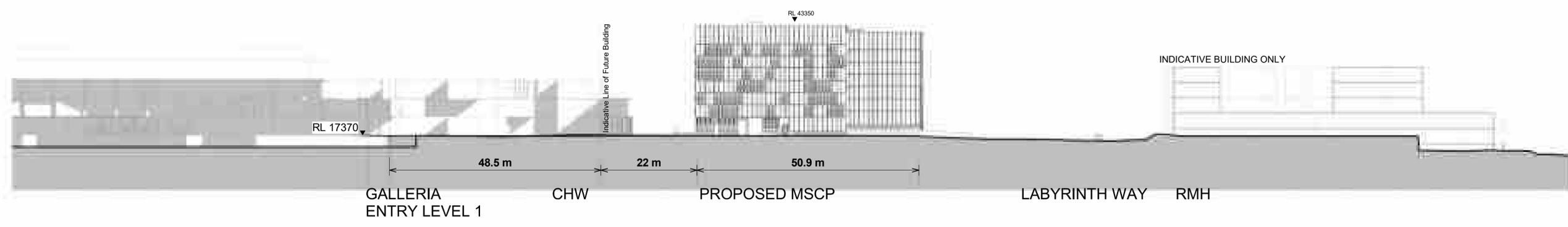
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① CROSS SECTION
1:500



② CROSS SECTION
1:500



③ SITE SECTION THROUGH LANDSCAPE AXIS
1:500

D	SSDA For Information	22/06/21
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B	SSDA For Information	27/11/20
A	Draft SSDA Issue	16/11/20

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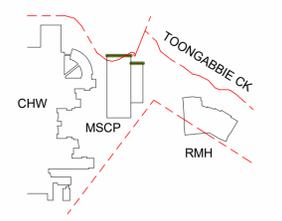
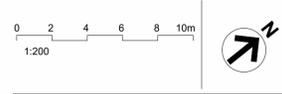
PROJECT
The Children's Hospital at Westmead Stage 2 Redevelopment

Sheet Name
SITE SECTIONS AND ELEVATIONS

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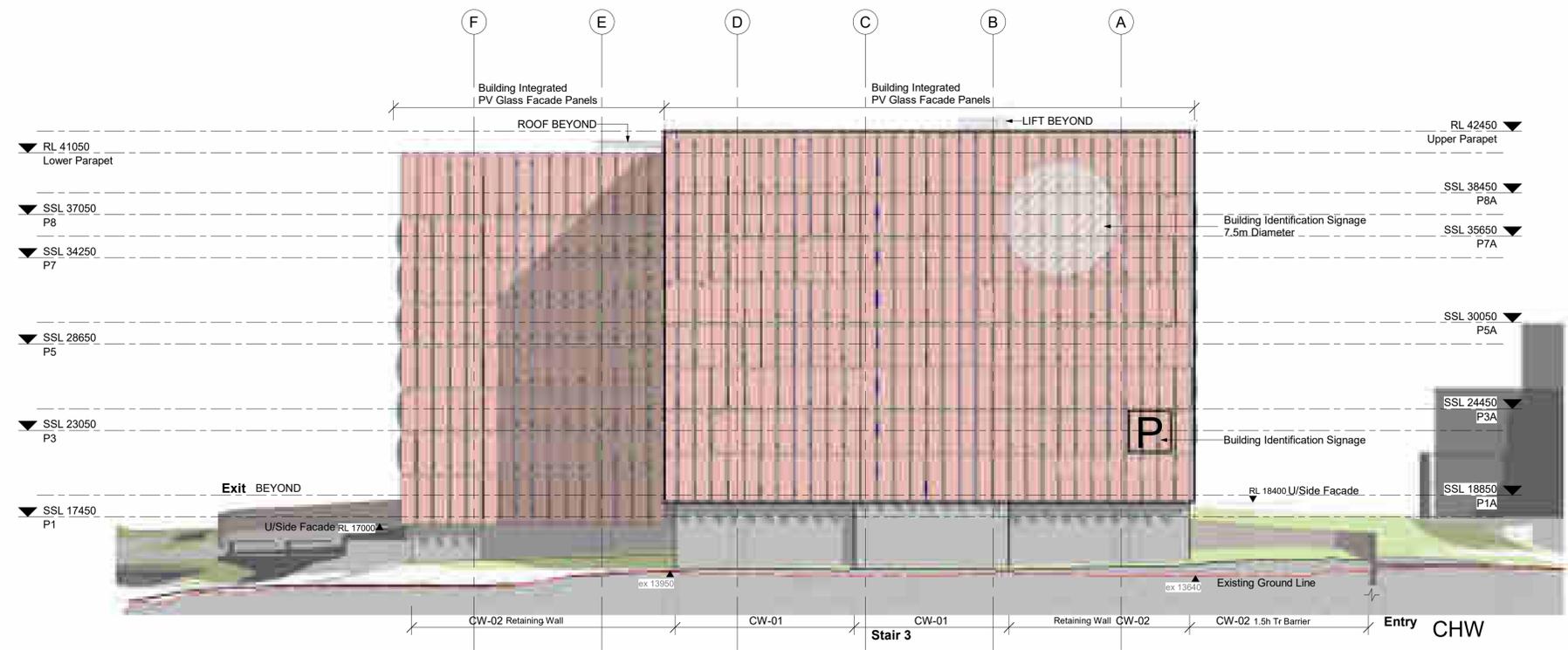
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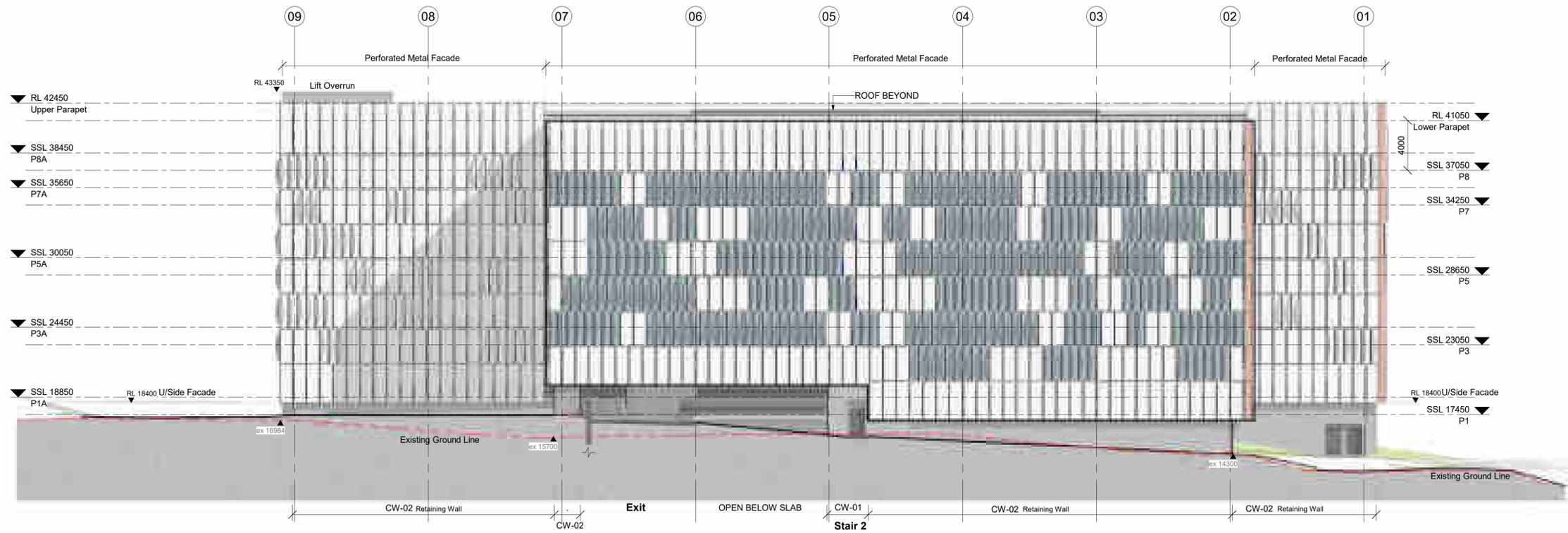


GENERAL NOTE:
TO BE READ IN CONJUNCTION WITH FACADE TYPES DRAWING DA060. SCHEDULE - MATERIAL DA09Z.

KEY:
AS MARKED IN GREEN ON THE KEY PLAN ABOVE, BIPV GLASS FACADE APPLIED TO THE NORTH ELEVATION.



1 PROPOSED ELEVATION - NORTH
North



2 PROPOSED ELEVATION - EAST
East

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H	SSDA For Information	06/04/21
G	SSDA For Information	24/03/21
F	SSDA For Information	15/01/21
E	SSDA For Information	21/12/20
D	SSDA For Information	27/11/20
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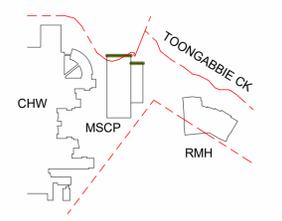
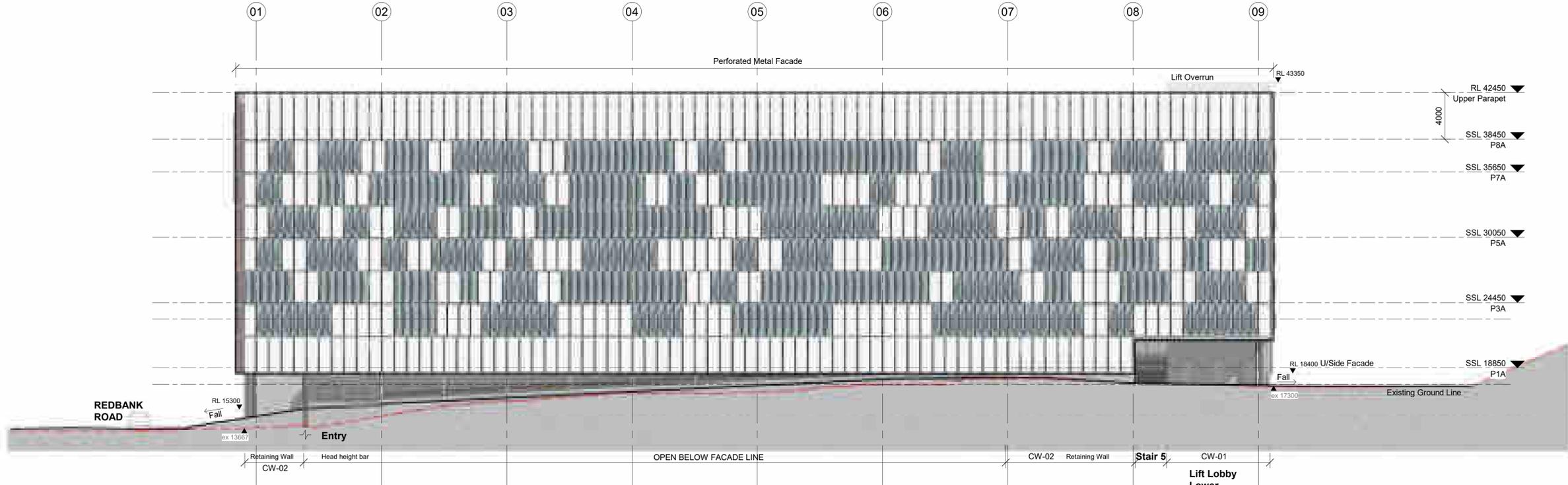
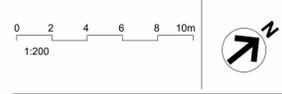
PROJECT
The Children's Hospital at Westmead Stage 2 Redevelopment

Sheet Name
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Project No	19038	Revision	J
Drawing No			
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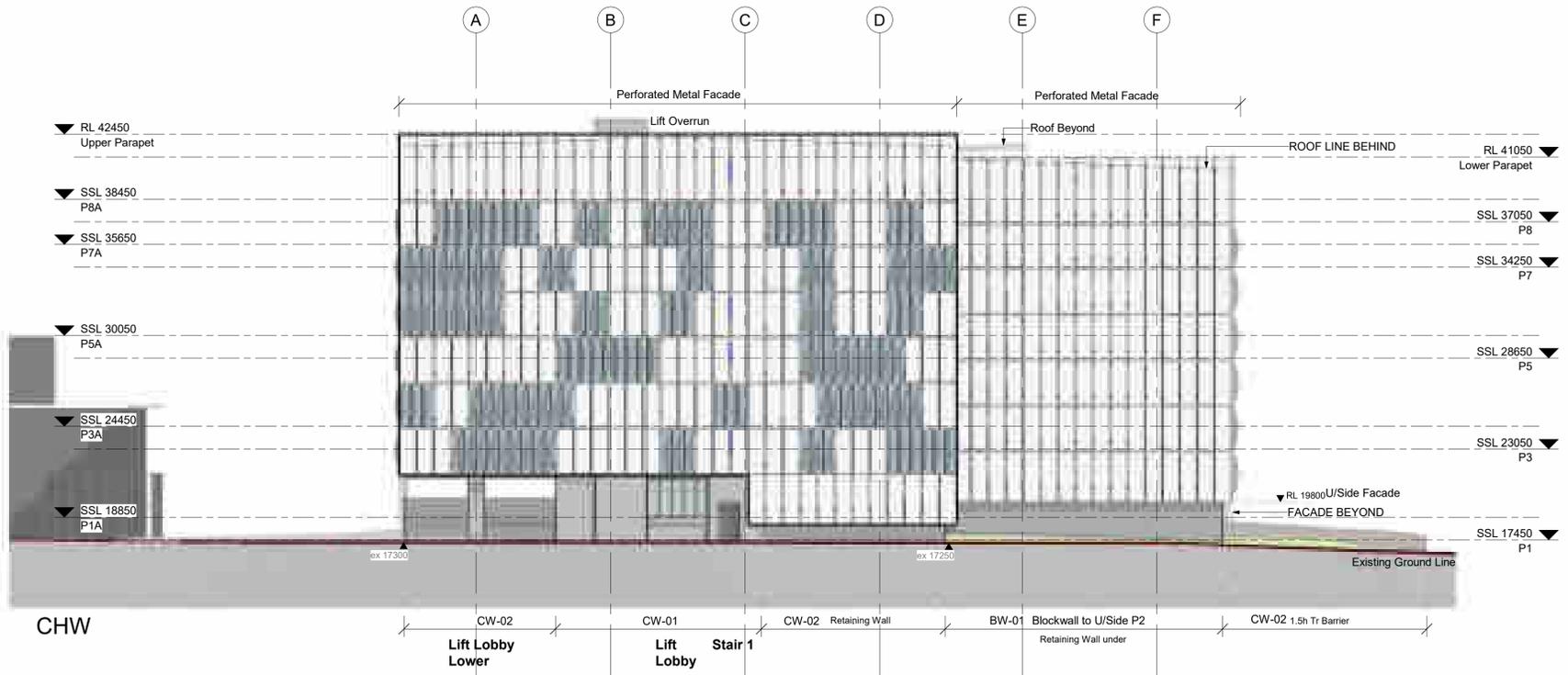
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GENERAL NOTE:
TO BE READ IN CONJUNCTION WITH FACADE TYPES DRAWING DA060. SCHEDULE - MATERIAL DA092.

KEY:
AS MARKED IN GREEN ON THE KEY PLAN ABOVE, BIPV GLASS FACADE APPLIED TO THE NORTH ELEVATION.

1 PROPOSED ELEVATION - WEST
West



2 PROPOSED ELEVATION - SOUTH
South

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E	SSDA For Information	21/12/20
D	SSDA For Information	27/11/20
C	Draft SSDA Issue	16/11/20
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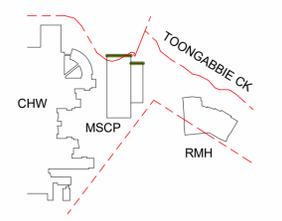
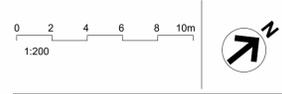
PROJECT
The Children's Hospital at Westmead Stage 2 Redevelopment

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Drawing No			
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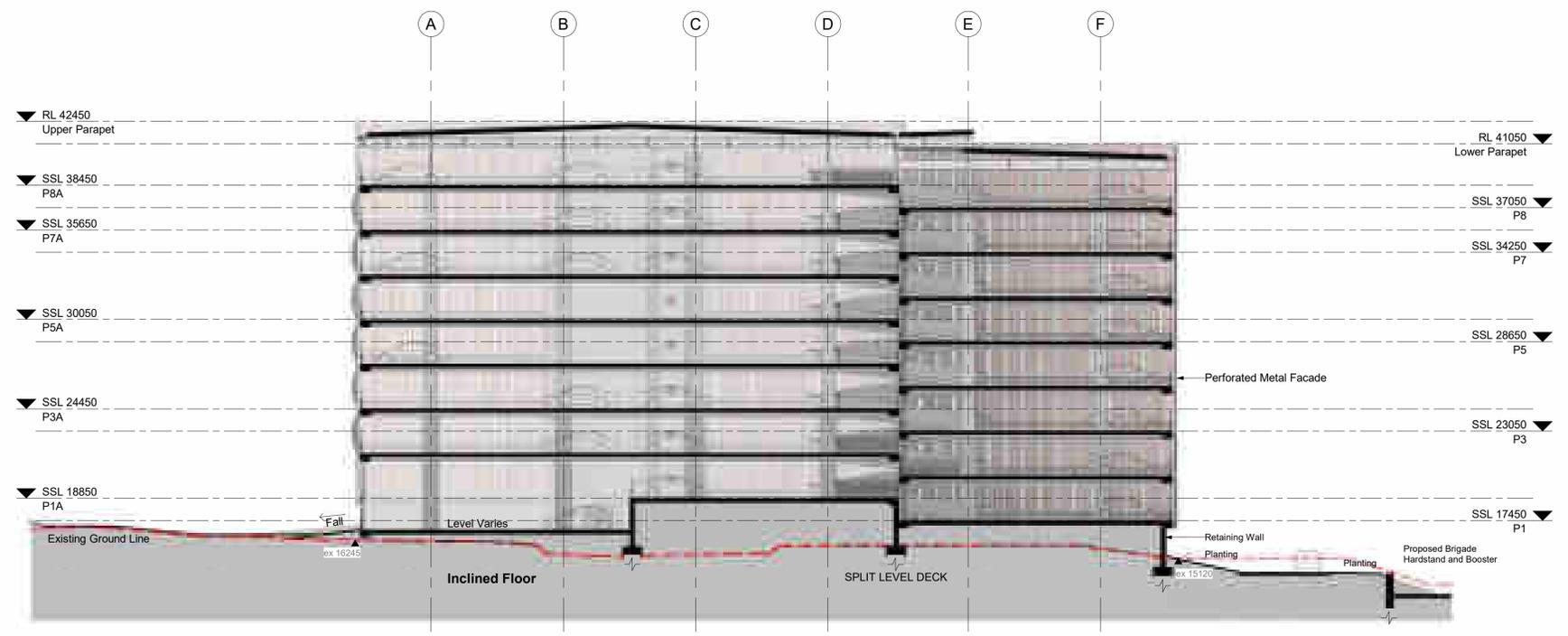
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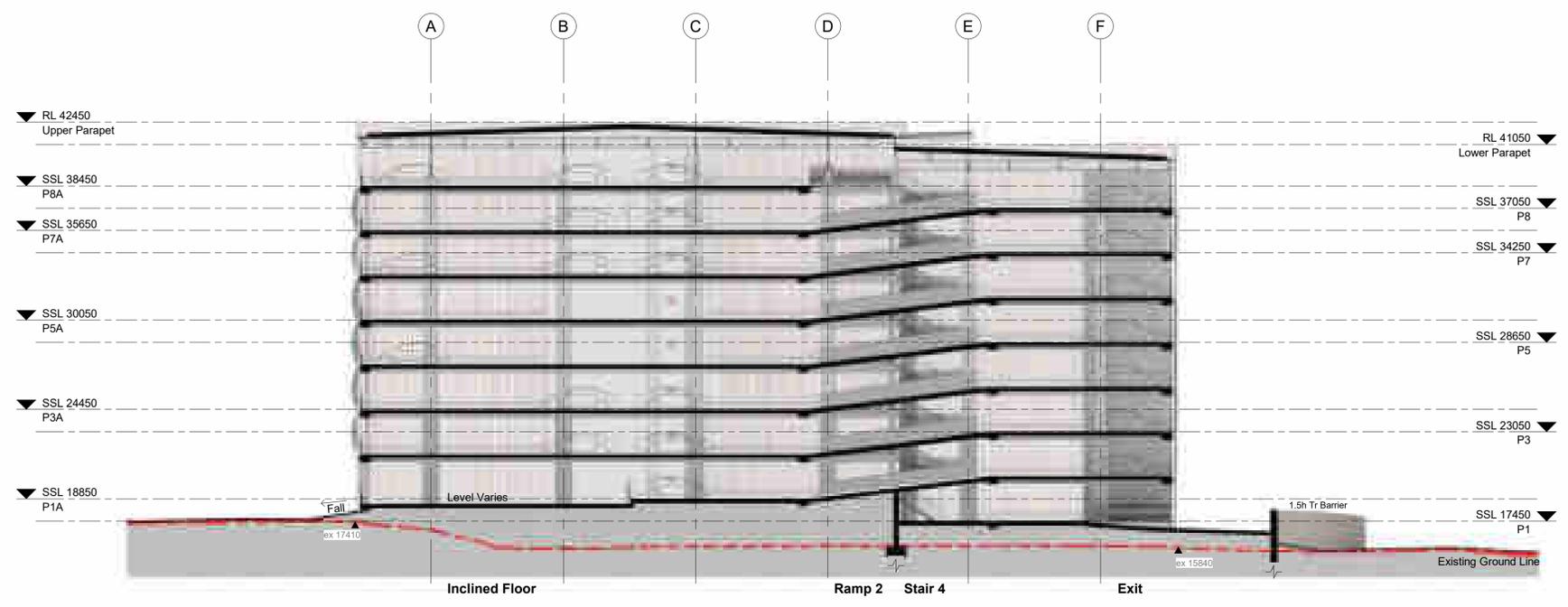


GENERAL NOTE:
TO BE READ IN CONJUNCTION WITH FACADE TYPES DRAWING DA060. SCHEDULE - MATERIAL DA092.

KEY:
AS MARKED IN GREEN ON THE KEY PLAN ABOVE, BIPV GLASS FACADE APPLIED TO THE NORTH ELEVATION.



1 SECTION
Section 1



2 SECTION
Section 2

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D	SSDA For Information	27/11/20
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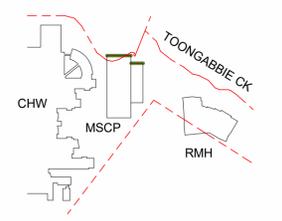
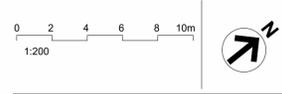
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GENERAL NOTE:
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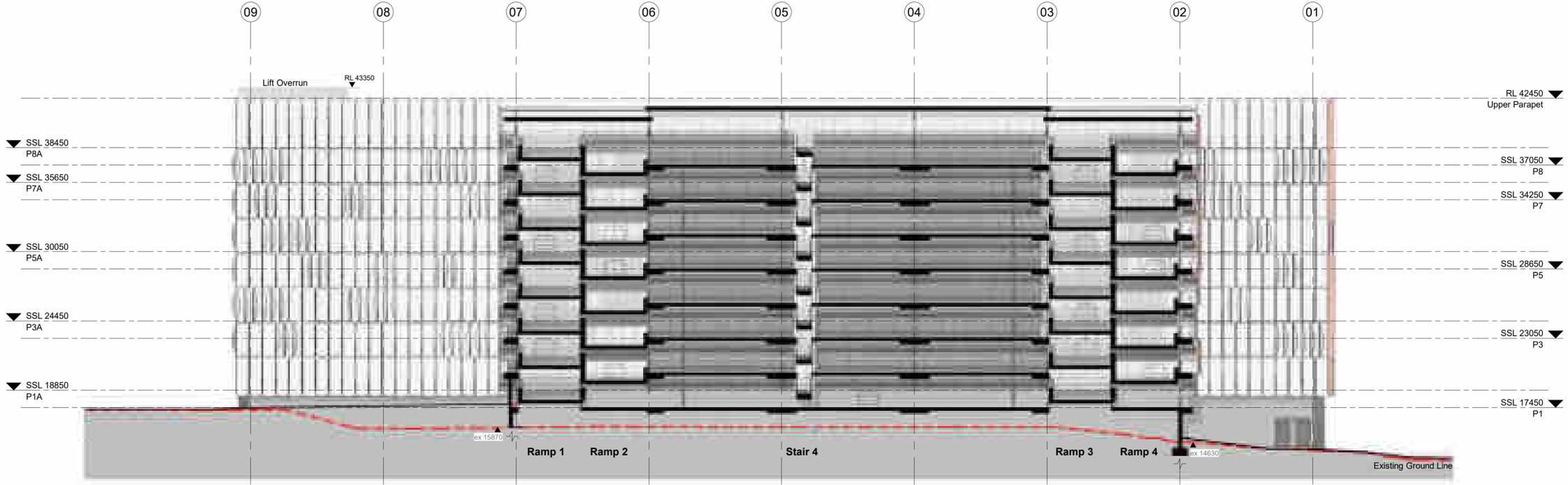
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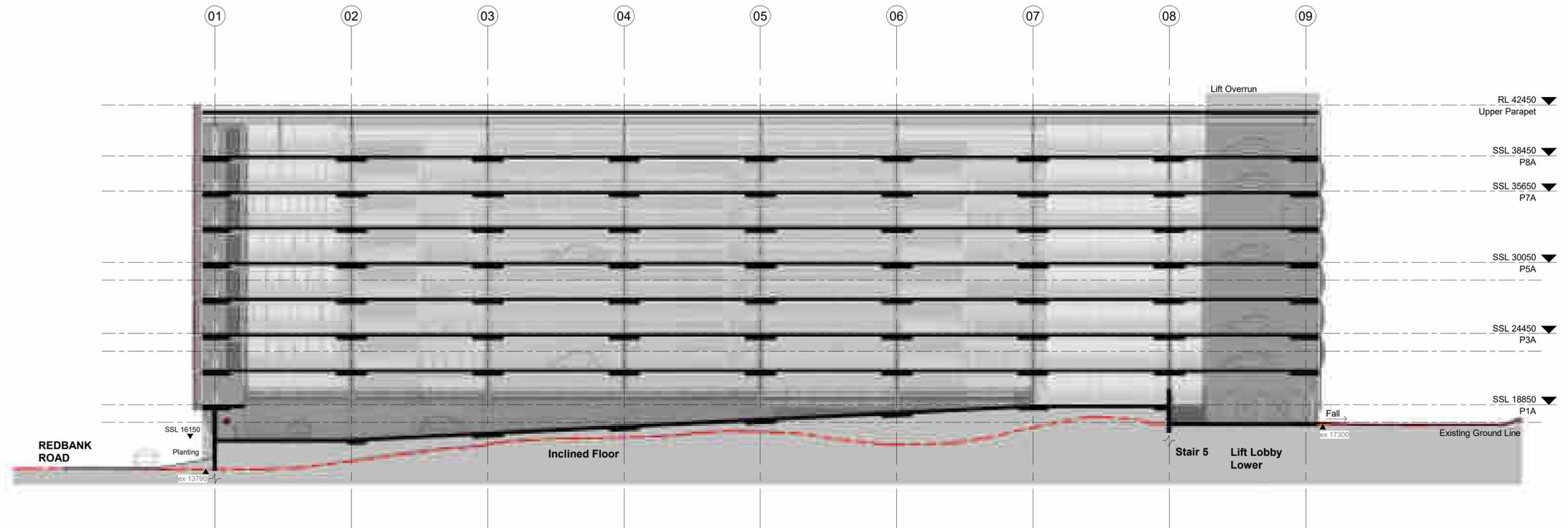
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Project No	19038	Revision	G
Drawing No	CHW-AR-DG-MCP-DA051		

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SECTION 3
Section 3



SECTION 4
Section 4

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Appendix D – Construction Workers Transportation Strategy

Health Infrastructure

The Children's Hospital at Westmead Redevelopment - Stage 2 Multistorey Car Park Construction Worker Transportation Strategy



Client //	Kane Constructions
Reference //	N175
Date //	18/03/2022

Table of Contents

1. Introduction	1
2. Strategies	2
2.1 Public Transport Strategies	2
2.2 Off-Street Public Parking	4
2.3 Future Parramatta Light Rail	5

Appendices

Appendix A – Rail Services

Appendix B – Bus Services

Document Control

Internal Reference	N175	
Issue	Draft A	18/03/2022
Client Name	Kane Constructions	NSW

Revision Register

Issue	Date	Description	Prepared By	Signed
Draft A	18/03/2022	Draft CWTS	S.A, S.K	S.K

1. Introduction

A Stage Significant Development Application (SSD-10434896) has been approved by NSW Department of Planning, Industry and Environment (DPIE) for the construction of The Children's Hospital at Westmead Redevelopment Stage 2 Multistorey Car Park.

The approved development comprises an MSCP accommodating both staff and visitor car parking to be located on Labyrinth Way, on the site of The Lodge.

The site is advantaged by high frequency/capacity rail and bus services, which will be enhanced with the proposed provision of a Parramatta Light Rail Station and the Sydney West Metro Link station.

This plan has been prepared in satisfaction of Consent Conditions no. B17 for submission of a Construction Worker Transportation Strategy as part of the Construction Certificate documentation as follows:

B17. Prior to the commencement of construction, the Applicant must submit a Construction Worker Transportation Strategy to the Certifier. The Strategy must detail the provision of sufficient parking facilities or other travel arrangements for construction workers in order to minimise demand for parking in nearby public and residential streets or public parking facilities. A copy of the strategy must be provided to the Planning Secretary for information.

2. Strategies

Contractor parking will be very limited. All workers will be instructed to use public/active transport and not utilise the hospital's public/patient/visitor parking areas.

Facilities will be provided within the site to store tools to reduce the need to bring vehicles to site each day to carry their tools.

The strategies will be communicated to construction workers during tender interviews, site inductions and regular toolbox talks, ensuring construction workers are aware of the construction worker transportation strategy.

2.1 Public Transport Strategies

Train

The closest railway station to the site is Westmead Train Station, which is 1km (about a 12-minute walk) to the south of the site. Westmead Station is serviced by the T1 North Shore, Northern and Western Line, T5 Cumberland Line and Blue Mountains Line. Services along the T1 and T5 lines operate every 5 to 10 minutes, with express services to the Sydney CBD (from Parramatta Station). It interchanges with the T9 Northern Line at Strathfield, the T7 Olympic Park Line and the T3 Bankstown Line at Lidcombe and the T2 Inner West and Leppington line at Parramatta, Lidcombe or Strathfield. The T5 Cumberland Line interchanges with the T1 Western and T2 Inner West and Leppington lines at Parramatta, the T3 Bankstown Line at Cabramatta and Liverpool, and the T8 Airport and South Line at Glenfield. Services on the Blue Mountains Line operate every 30 minutes. Details of the existing train services are provided in Appendix A.

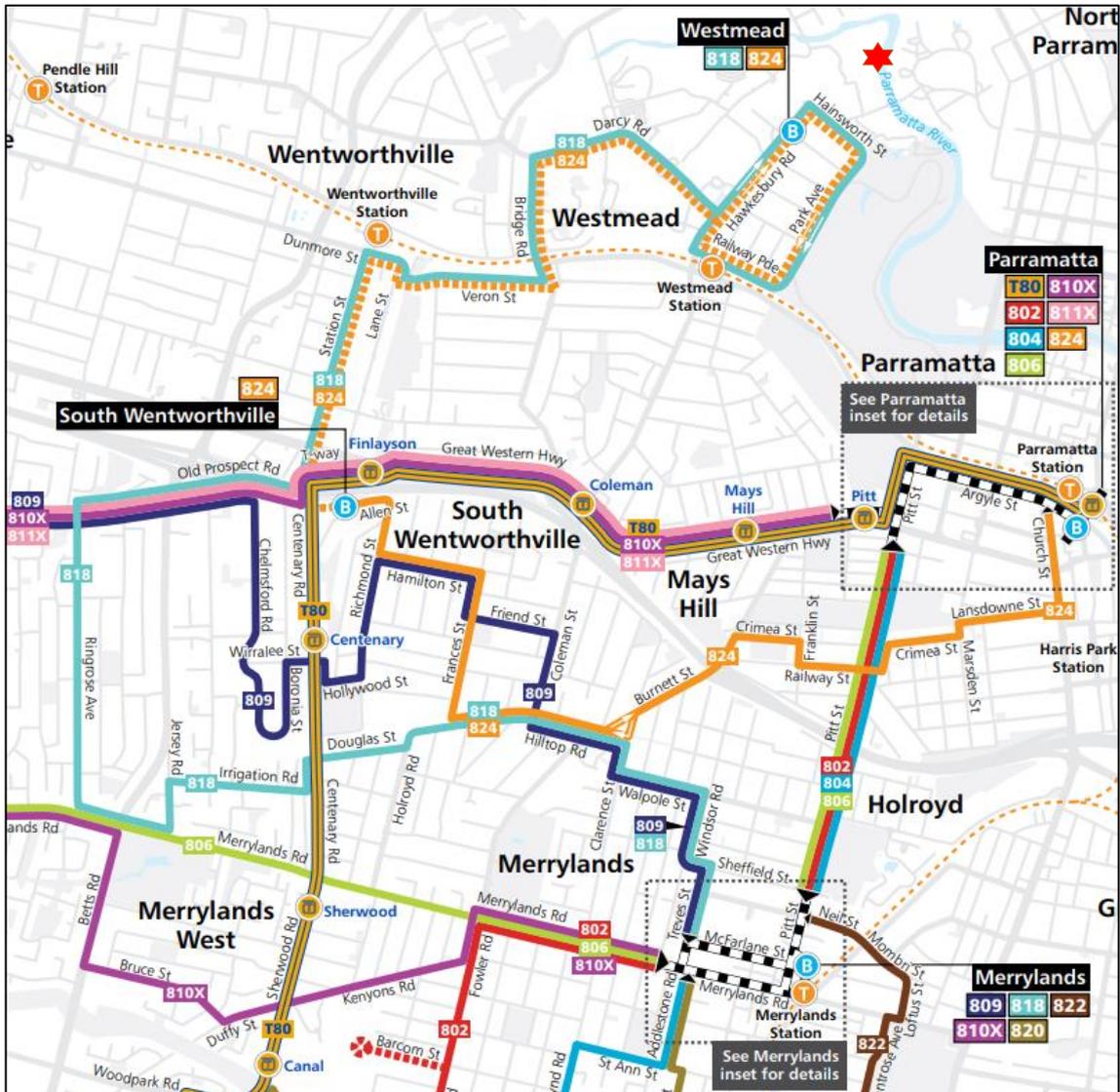
Bus

The nearest bus stop to/from the site is located on Hawkesbury Road north of Jessie Street and is within a 5-minute (350-metre) walk to the south of the site. The stop is serviced by the following bus routes:

Bus Route	Details
711	Blacktown to Parramatta via Wentworthville
712	Westmead Children's Hospital to Parramatta
818	Westmead Hospitals to Merrylands
824	Westmead Hospitals to Parramatta via South Wentworthville

Bus route no. 711, 818 and 824 providing connection to/from the Westmead Station.

Details of the existing bus services and their connections to nearby railway stations/suburbs are provided in the following figure.



The site is also served by a comprehensive network of bus services with 800m of the site. The bus routes servicing the site vicinity include:

- Westmead Hospital T-Way along Darcy Road: 606, 661, 662, 663, 664, 665, 705, 708, 711, 818, 824
- Westmead Station along Alexandra Avenue: 660, 661, 662, 663, 664, 665, 705, 708, 711, 712, N70, N71

Bus Route	Details
606	Winston Hills to Parramatta
661	Blacktown to Parramatta via Kings Langley & North West Twy
662	Castle Hill to Parramatta via Bella Vista & North West Twy
663	Rouse Hill Station to Parramatta via Kellyville Ridge
664	Rouse Hill Station to Parramatta via Kellyville
665	Rouse Hill Station to Parramatta
705	Blacktown to Parramatta via Seven Hills
708	Constitution Hill to Parramatta via Pendle Hill
711	Blacktown to Parramatta via Wentworthville
712	Westmead Children's Hospital to Parramatta
818	Westmead Hospitals to Merrylands
824	Westmead Hospitals to Parramatta via South Wentworthville
N70	Penrith to City Town Hall (Night Service)
N71	Richmond to City Town Hall (Night Service)

Details of the existing bus services are provided in Appendix B.

2.2 Off-Street Public Parking

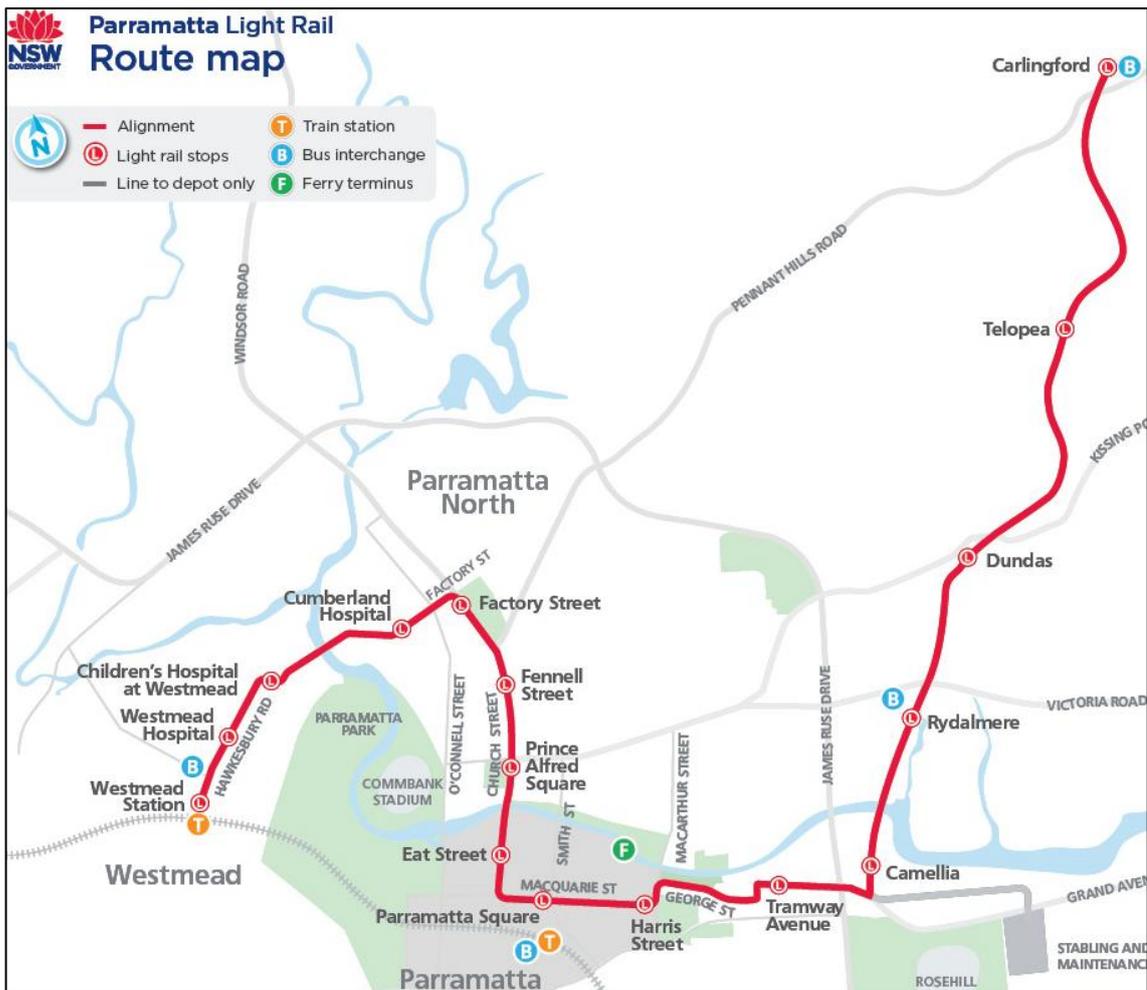
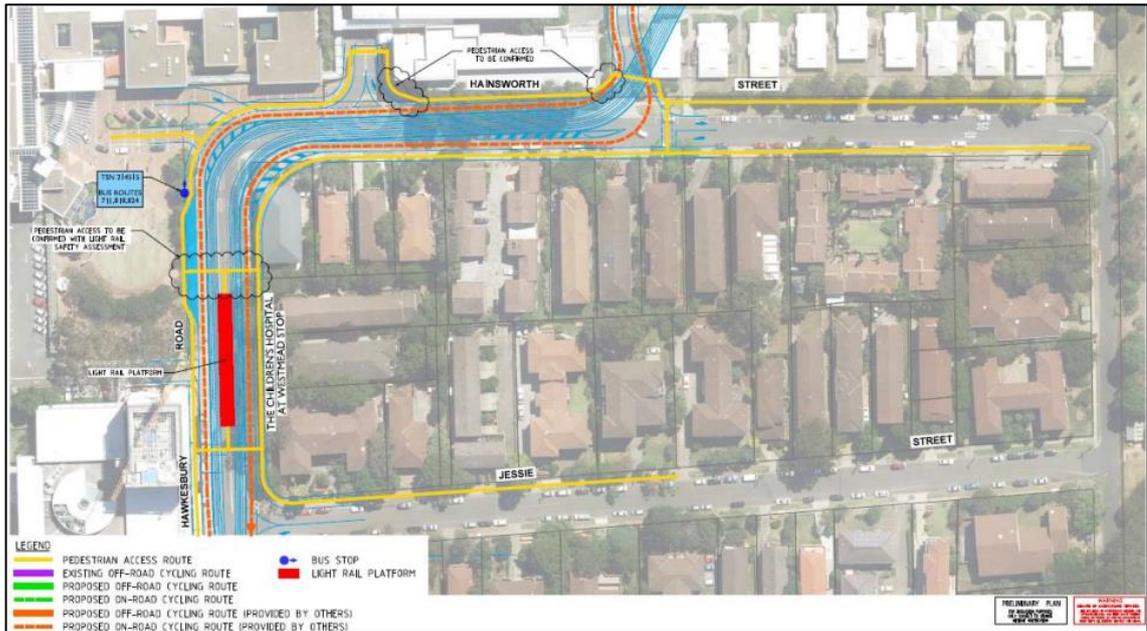
Workers who **needed** to drive to/from site can rely on the nearby public parking stations:

- Westmead Children's Hospital Car Park, Hawkesbury Road, Westmead (approx.. 400 spaces):
Details: <https://www.secureparking.com.au/en-au/car-parks/australia/new-south-wales/sydney/outer-western-sydney/westmead-childrens-hospital-car-park>
- Westmead Hospital - P4 (360 spaces)
Details: https://www.secureparking.com.au/en-au/car-parks/australia/new-south-wales/sydney/outer-western-sydney/westmead-hospital-car-park?utm_source=business.google.com&utm_medium=organic&utm_campaign=Google+My+Business+NSW+Westmead+Childrens+Hospital+Car+Park



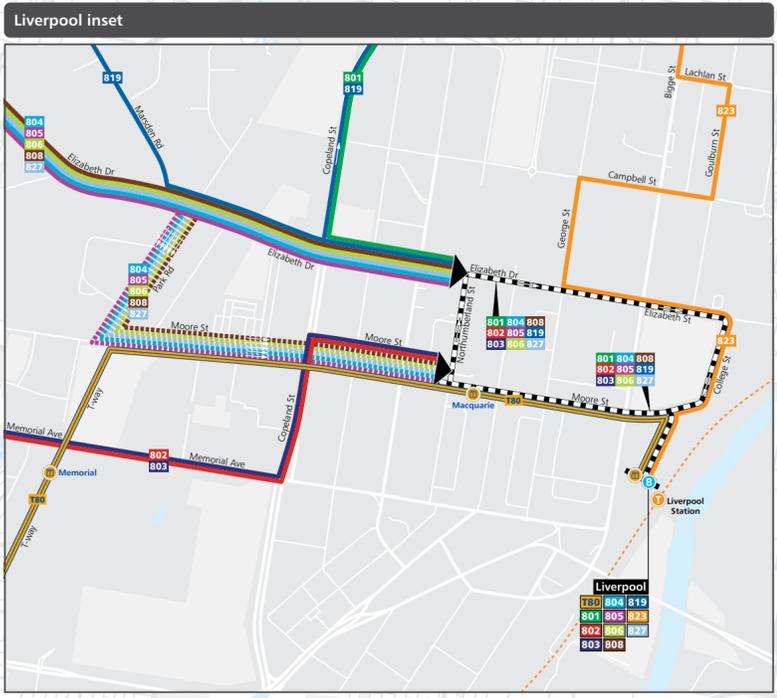
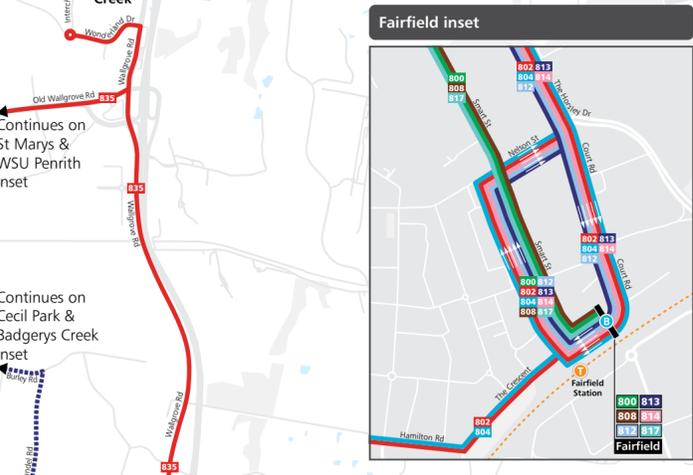
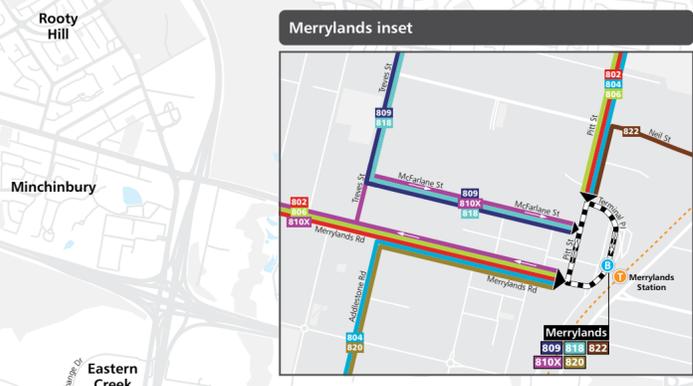
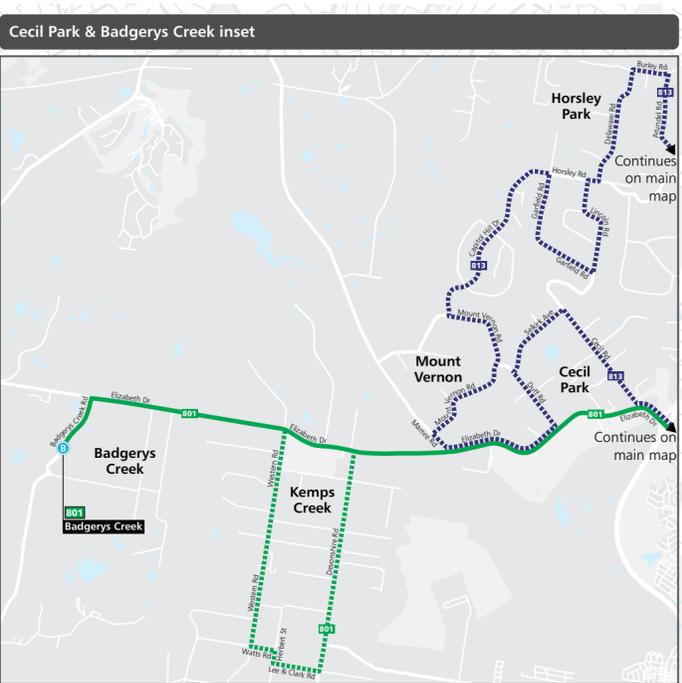
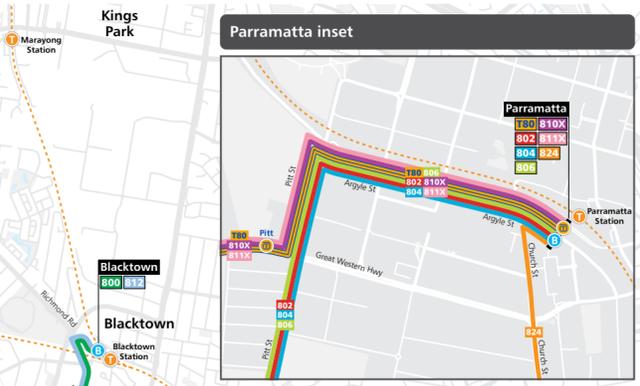
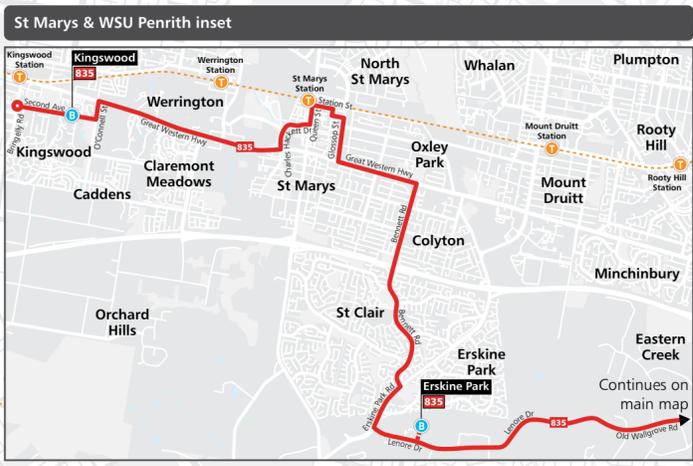
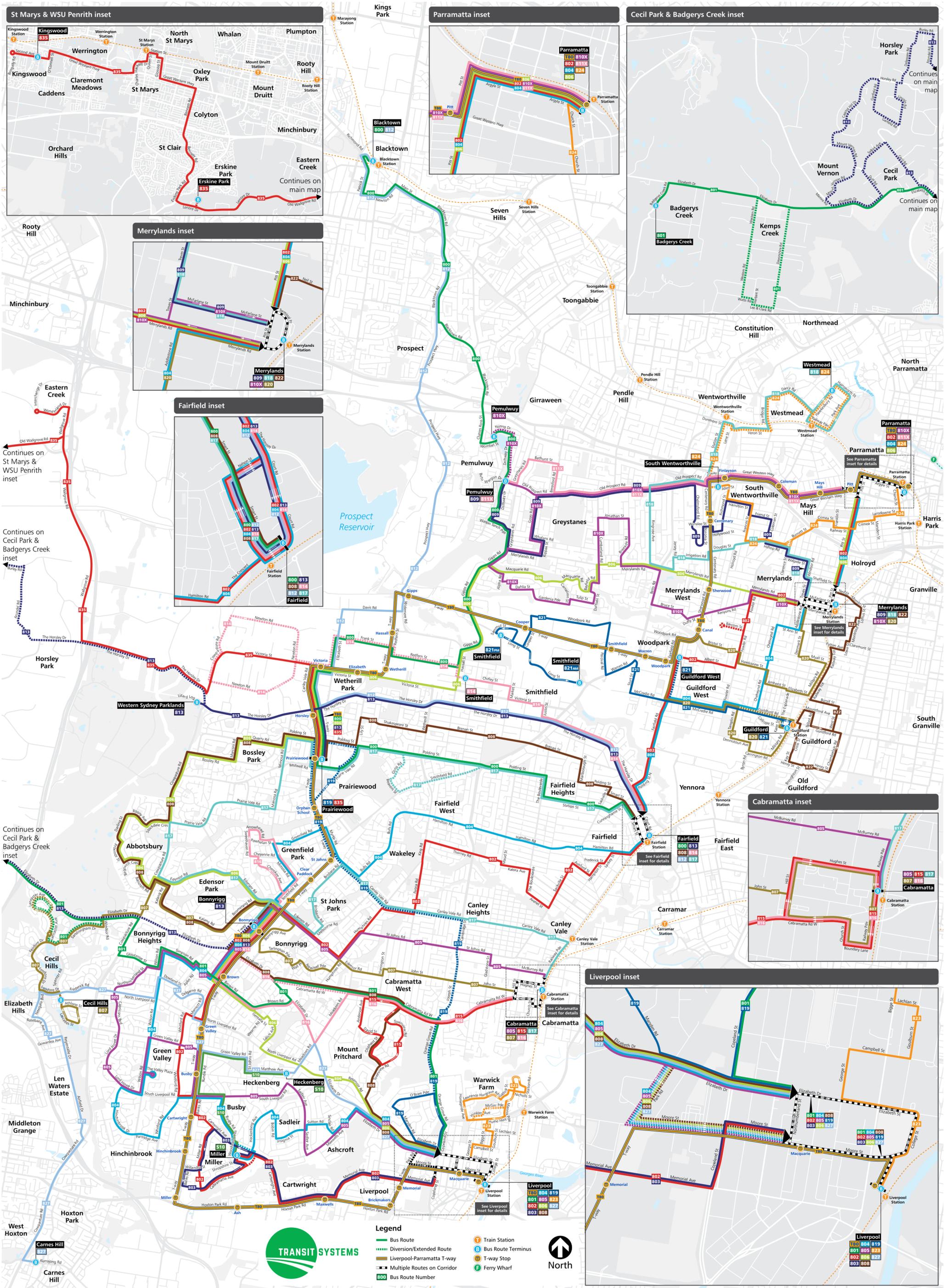
2.3 Future Parramatta Light Rail

The Parramatta Light Rail Stage 1 will connect Westmead to Carlingford via Parramatta CBD and Camellia. The route will link Parramatta's CBD and train station to the Westmead Precinct. The nearest station will be the Children's Hospital at Westmead Station, which is located 350m to the north of the site (see the following figure). The construction has begun in 2018 and is expected to be completed in 2023.



Appendix A

Rail Services

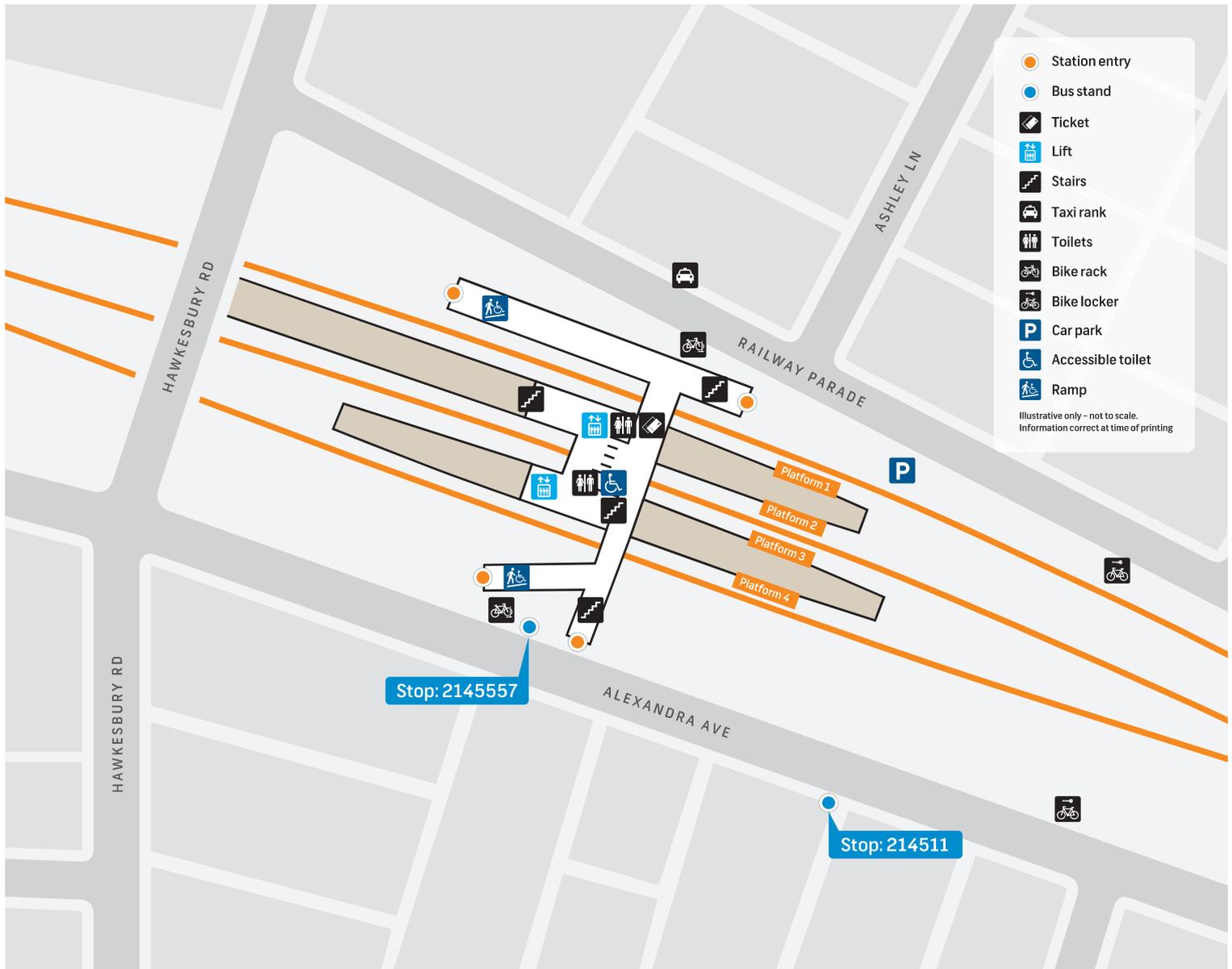


- Legend**
- Bus Route
 - - - Diversion/Extended Route
 - Liverpool-Parramatta T-way
 - Multiple Routes on Corridor
 - 800 Bus Route Number
 - T Train Station
 - B Bus Route Terminus
 - T T-way Stop
 - F Ferry Wharf



North

Westmead Station Public Transport Map



- T** **T1** North Shore, Northern & Western Line
North Shore
Western
Richmond
- T5** Cumberland Line
Leppington
Richmond
- Blue Mountains

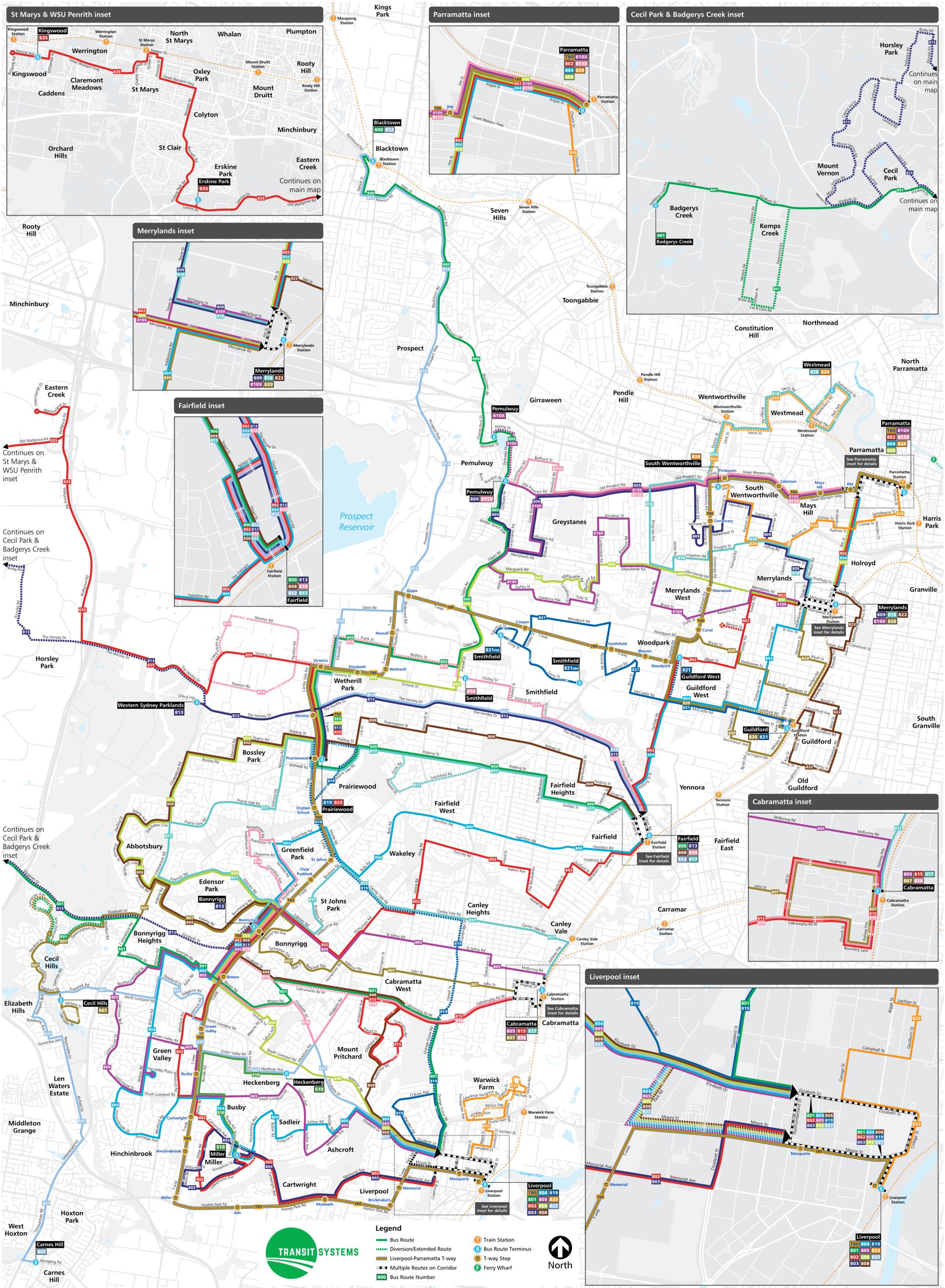
B Stop: 2145557	Stop: 214511
705 Parramatta	705 Blacktown
708 Parramatta	708 Constitution Hill
711 Parramatta	711 Blacktown
N70 City Town Hall	N70 Penrith
N71 City Town Hall	N71 Richmond
T60 Parramatta	T60 Castle Hill
T61 Parramatta	T61 Blacktown
T62 Parramatta	T62 Castle Hill
T63 Parramatta	T63 Rouse Hill Town Centre
T64 Parramatta	T64 Rouse Hill Town Centre
T65 Parramatta	T65 Rouse Hill Town Centre
T66 Parramatta	T66 Rouse Hill

For more information
 transportnsw.info



Appendix B

Bus Services



- Legend**
- Bus Route
 - - - Diversion/Extended Route
 - Liverpool-Parramatta T-way
 - - - Multiple Routes on Corridor
 - 800 Bus Route Number
 - T Train Station
 - B Bus Route Terminus
 - T T-way Stop
 - F Ferry Wharf



824

Westmead Hospitals to Parramatta via South Wentworthville

B

How to use this timetable

This timetable provides a snapshot of service information in 24-hour time (e.g. 5am = 05:00, 5pm = 17:00). Information contained in this timetable is subject to change without notice. Please note that timetables do not include minor stops, additional trips for special events, short term changes, holiday timetable changes, real-time information or any disruption alerts.

For the most up-to-date times, use the Trip Planner or Departures at transportnsw.info

Real-time planning

You can plan your trip with real-time information using the Trip Planner or Departures at transportnsw.info or by downloading travel apps on your smartphone or tablet.

The Trip Planner, Departures and travel apps offer various features:

- favourite your regular trips
- see where your service is on the route
- get estimated pick-up and arrival times
- receive service updates
- find nearby stations, stops, wharves and routes
- check accessibility information.

Find the latest apps at transportnsw.info/apps

Accessible services

All new buses are wheelchair-accessible with low-level floors and space for wheelchairs, prams or strollers. Look for the  symbol in this timetable. Some older buses may not have all the features you need. There will be more accessible services as older buses are replaced.

Who is providing my bus services?

The bus services shown in this timetable are run by Transit Systems.

Fares

In Sydney and surrounding regions, fares are based on:

- the distance you travel from tap on to tap off
- the mode of transport you choose
- whether you're eligible for a concession fare or free travel
- any Opal benefits such as discounts and capped fares that apply.

You can use an Opal card or a contactless payment to pay for your travel.

Opal cards

An Opal card is a smartcard you keep and reuse. Add value before you travel, and tap on and tap off to pay your fares throughout Sydney, the Blue Mountains, the Central Coast, the Hunter and the Illawarra.

Which Opal card is right for you?

Adult – Customers 16 years or older who are not entitled to any concessions and normally pay full fare.

Child/Youth – For customers aged 4-15 (inclusive), or customers 16 years or older who hold a NSW/ACT Senior Secondary Student Concession Card.

Gold Senior/Pensioner – For eligible NSW and interstate seniors, pensioners, war widows/ers and asylum seekers.

Concession – For eligible tertiary students, job seekers, apprentices and trainees.

How to get an Opal card

You can get an Adult or Child/Youth Opal card over the counter at Opal retailers that display the Opal sign . To find your nearest retailer visit transportnsw.info/opal.

If you are eligible to travel with concession fares, you can apply for a Gold Senior/Pensioner or Concession Opal card online. Visit transportnsw.info/opal for more information.

Contactless payments

If you have an American Express, Mastercard, Visa card or linked device, you can use it to pay for all public transport on the Opal network. Just make sure to tap on and tap off at Opal readers at the beginning and end of your trip.

Always separate your cards when you tap on and tap off so your preferred card is charged.

You will receive the same travel benefits of an Adult Opal card when you tap on and tap off consistently with the same credit card, debit card or linked device. This includes daily, weekly and weekend travel caps, and a \$2 transfer discount when you change between metro/train, ferry, bus and light rail services within 60 minutes. Adult Opal fare pricing applies.

Find out more at transportnsw.info/contactless

Explanation of definitions and symbols

 Wheelchair Accessible

824

Parramatta to Westmead Hospitals via South Wentworthville

B

Valid from: 01 Feb 2022

Creation date: 17 March 2022

NOTE: Information is correct on date of download.

Monday to Friday	♿	♿	♿	♿	♿	♿	♿	♿	♿
Parramatta Station	05:40	06:10	06:40	07:10	07:40	08:10	08:40	09:10	09:40
Hilltop Shops, Hilltop Rd, Merrylands	05:54	06:24	06:54	07:24	07:54	08:24	08:54	09:24	09:54
Hilltop Rd near Coleman St, Merrylands	05:55	06:25	06:55	07:25	07:55	08:25	08:55	09:25	09:55
Allen St near Finlayson St, South Wentworthville	06:01	06:31	07:01	07:31	08:01	08:31	09:01	09:31	10:01
Dunmore St at Station St, Wentworthville	-	-	07:06	07:36	08:06	08:36	09:06	09:36	10:06
Westmead Hospital, North West Twy, Westmead	-	-	07:17	07:47	08:17	08:47	09:17	09:47	10:17
Westmead Childrens Hospital, Hawkesbury Rd, Westmead	-	-	07:21	07:51	08:21	08:51	09:21	09:51	10:21

Monday to Friday	♿	♿	♿	♿	♿	♿	♿	♿	♿
Parramatta Station	10:10	10:40	11:10	11:40	12:10	12:40	13:10	13:40	14:10
Hilltop Shops, Hilltop Rd, Merrylands	10:24	10:54	11:24	11:54	12:24	12:54	13:24	13:54	14:24
Hilltop Rd near Coleman St, Merrylands	10:25	10:55	11:25	11:55	12:25	12:55	13:25	13:55	14:25
Allen St near Finlayson St, South Wentworthville	10:31	11:01	11:31	12:01	12:31	13:01	13:31	14:01	14:31
Dunmore St at Station St, Wentworthville	10:36	11:06	11:36	12:06	12:36	13:06	13:36	14:06	14:36
Westmead Hospital, North West Twy, Westmead	10:47	11:17	11:47	12:17	12:47	13:17	13:47	14:17	14:47
Westmead Childrens Hospital, Hawkesbury Rd, Westmead	10:51	11:21	11:51	12:21	12:51	13:21	13:51	14:21	14:51

Monday to Friday	♿	♿	♿	♿	♿	♿	♿	♿	♿
Parramatta Station	14:40	15:10	15:40	16:10	16:40	17:10	17:40	18:10	18:40
Hilltop Shops, Hilltop Rd, Merrylands	14:54	15:24	15:54	16:24	16:54	17:24	17:54	18:24	18:54
Hilltop Rd near Coleman St, Merrylands	14:55	15:25	15:55	16:25	16:55	17:25	17:55	18:25	18:55
Allen St near Finlayson St, South Wentworthville	15:01	15:31	16:01	16:31	17:01	17:31	18:01	18:31	19:01
Dunmore St at Station St, Wentworthville	15:06	15:36	16:06	16:36	17:06	17:36	18:06	18:36	19:06
Westmead Hospital, North West Twy, Westmead	15:17	15:47	16:17	16:47	17:17	17:47	18:17	18:47	19:17
Westmead Childrens Hospital, Hawkesbury Rd, Westmead	15:21	15:51	16:21	16:51	17:21	17:51	18:21	18:51	19:21

Monday to Friday	♿	♿	♿	♿	♿
Parramatta Station	19:10	19:40	20:10	20:40	21:40
Hilltop Shops, Hilltop Rd, Merrylands	19:24	19:54	20:24	20:54	21:54
Hilltop Rd near Coleman St, Merrylands	19:25	19:55	20:25	20:55	21:55
Allen St near Finlayson St, South Wentworthville	19:31	20:01	20:31	21:01	22:01
Dunmore St at Station St, Wentworthville	19:36	-	-	-	-
Westmead Hospital, North West Twy, Westmead	19:47	-	-	-	-
Westmead Childrens Hospital, Hawkesbury Rd, Westmead	19:51	-	-	-	-

Saturday	♿	♿	♿	♿	♿	♿	♿	♿	♿
Parramatta Station	06:10	06:40	07:10	07:40	08:10	08:40	09:10	09:40	10:10
Hilltop Shops, Hilltop Rd, Merrylands	06:21	06:51	07:21	07:51	08:21	08:51	09:21	09:51	10:21
Hilltop Rd near Coleman St, Merrylands	06:22	06:52	07:22	07:52	08:22	08:52	09:22	09:52	10:22
Allen St near Finlayson St, South Wentworthville	06:29	06:59	07:29	07:59	08:29	08:59	09:29	09:59	10:29

Saturday	♿	♿	♿	♿	♿	♿	♿	♿	♿
Parramatta Station	10:40	11:10	11:40	12:10	12:40	13:10	13:40	14:10	14:40
Hilltop Shops, Hilltop Rd, Merrylands	10:51	11:21	11:51	12:21	12:51	13:21	13:51	14:21	14:51
Hilltop Rd near Coleman St, Merrylands	10:52	11:22	11:52	12:22	12:52	13:22	13:52	14:22	14:52
Allen St near Finlayson St, South Wentworthville	10:59	11:29	11:59	12:29	12:59	13:29	13:59	14:29	14:59

Saturday	♿	♿	♿	♿	♿	♿	♿	♿	♿
Parramatta Station	15:10	15:40	16:10	16:40	17:10	17:40	18:10	18:40	19:10
Hilltop Shops, Hilltop Rd, Merrylands	15:21	15:51	16:21	16:51	17:21	17:51	18:21	18:51	19:21
Hilltop Rd near Coleman St, Merrylands	15:22	15:52	16:22	16:52	17:22	17:52	18:22	18:52	19:22
Allen St near Finlayson St, South Wentworthville	15:29	15:59	16:29	16:59	17:29	17:59	18:29	18:59	19:29

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Parramatta to Westmead Hospitals via South Wentworthville

B

Saturday

Parramatta Station	19:40	20:40	21:40	22:40
Hilltop Shops, Hilltop Rd, Merrylands	19:51	20:51	21:51	22:51
Hilltop Rd near Coleman St, Merrylands	19:52	20:52	21:52	22:52
Allen St near Finlayson St, South Wentworthville	19:59	20:59	21:59	22:59

Sunday & Public Holidays

Parramatta Station	06:10	06:40	07:10	07:40	08:10	08:40	09:10	09:40	10:10
Hilltop Shops, Hilltop Rd, Merrylands	06:20	06:50	07:20	07:50	08:20	08:50	09:20	09:50	10:20
Hilltop Rd near Coleman St, Merrylands	06:21	06:51	07:21	07:51	08:21	08:51	09:21	09:51	10:21
Allen St near Finlayson St, South Wentworthville	06:27	06:57	07:27	07:57	08:27	08:57	09:27	09:57	10:27

Sunday & Public Holidays

Parramatta Station	10:40	11:10	11:40	12:10	12:40	13:10	13:40	14:10	14:40
Hilltop Shops, Hilltop Rd, Merrylands	10:50	11:20	11:50	12:20	12:50	13:20	13:50	14:20	14:50
Hilltop Rd near Coleman St, Merrylands	10:51	11:21	11:51	12:21	12:51	13:21	13:51	14:21	14:51
Allen St near Finlayson St, South Wentworthville	10:57	11:27	11:57	12:27	12:57	13:27	13:57	14:27	14:57

Sunday & Public Holidays

Parramatta Station	15:10	15:40	16:10	16:40	17:10	17:40	18:10	18:40	19:10
Hilltop Shops, Hilltop Rd, Merrylands	15:20	15:50	16:20	16:50	17:20	17:50	18:20	18:50	19:20
Hilltop Rd near Coleman St, Merrylands	15:21	15:51	16:21	16:51	17:21	17:51	18:21	18:51	19:21
Allen St near Finlayson St, South Wentworthville	15:27	15:57	16:27	16:57	17:27	17:57	18:27	18:57	19:27

Sunday & Public Holidays

Parramatta Station	19:40	20:40	21:40
Hilltop Shops, Hilltop Rd, Merrylands	19:50	20:50	21:50
Hilltop Rd near Coleman St, Merrylands	19:51	20:51	21:51
Allen St near Finlayson St, South Wentworthville	19:57	20:57	21:57

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Westmead Hospitals to Parramatta via South Wentworthville

B

Monday to Friday									
Westmead Childrens Hospital, Hawkesbury Rd, Westmead	-	-	-	-	-	07:24	07:54	08:24	08:54
Dunmore St before Station St, Wentworthville	-	-	-	-	-	07:36	08:06	08:36	09:06
Allen St near Finlayson St, South Wentworthville	05:13	05:43	06:11	06:41	07:11	07:43	08:13	08:43	09:13
Hilltop Rd opp Hilltop Shops, Merrylands	05:19	05:49	06:19	06:49	07:19	07:49	08:19	08:49	09:19
Parramatta Station	05:30	06:00	06:30	07:00	07:30	08:00	08:30	09:00	09:30
Monday to Friday									
Westmead Childrens Hospital, Hawkesbury Rd, Westmead	09:24	09:54	10:24	10:54	11:24	11:54	12:24	12:54	13:24
Dunmore St before Station St, Wentworthville	09:36	10:06	10:36	11:06	11:36	12:06	12:36	13:06	13:36
Allen St near Finlayson St, South Wentworthville	09:43	10:13	10:43	11:13	11:43	12:13	12:43	13:13	13:43
Hilltop Rd opp Hilltop Shops, Merrylands	09:49	10:19	10:49	11:19	11:49	12:19	12:49	13:19	13:49
Parramatta Station	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00
Monday to Friday									
Westmead Childrens Hospital, Hawkesbury Rd, Westmead	13:54	14:24	14:54	15:24	15:54	16:24	16:54	17:24	17:54
Dunmore St before Station St, Wentworthville	14:06	14:36	15:06	15:36	16:06	16:36	17:06	17:36	18:06
Allen St near Finlayson St, South Wentworthville	14:13	14:43	15:13	15:43	16:13	16:43	17:13	17:43	18:13
Hilltop Rd opp Hilltop Shops, Merrylands	14:19	14:49	15:19	15:49	16:19	16:49	17:19	17:49	18:19
Parramatta Station	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30
Monday to Friday									
Westmead Childrens Hospital, Hawkesbury Rd, Westmead	18:24	18:54	19:24	19:54	-				
Dunmore St before Station St, Wentworthville	18:36	19:06	19:36	20:06	-				
Allen St near Finlayson St, South Wentworthville	18:43	19:13	19:43	20:13	21:11				
Hilltop Rd opp Hilltop Shops, Merrylands	18:49	19:19	19:49	20:19	21:19				
Parramatta Station	19:00	19:30	20:00	20:30	21:30				
Saturday									
Allen St near Finlayson St, South Wentworthville	05:42	06:12	06:42	07:12	07:42	08:12	08:42	09:12	09:42
Hilltop Rd opp Hilltop Shops, Merrylands	05:48	06:18	06:48	07:18	07:48	08:18	08:48	09:18	09:48
Parramatta Station	06:00	06:30	07:00	07:30	08:00	08:30	09:00	09:30	10:00
Saturday									
Allen St near Finlayson St, South Wentworthville	10:12	10:42	11:12	11:42	12:12	12:42	13:12	13:42	14:12
Hilltop Rd opp Hilltop Shops, Merrylands	10:18	10:48	11:18	11:48	12:18	12:48	13:18	13:48	14:18
Parramatta Station	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30
Saturday									
Allen St near Finlayson St, South Wentworthville	14:42	15:12	15:42	16:12	16:42	17:12	17:42	18:12	18:42
Hilltop Rd opp Hilltop Shops, Merrylands	14:48	15:18	15:48	16:18	16:48	17:18	17:48	18:18	18:48
Parramatta Station	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00
Saturday									
Allen St near Finlayson St, South Wentworthville	19:12	20:12	21:12	22:12					
Hilltop Rd opp Hilltop Shops, Merrylands	19:18	20:18	21:18	22:18					
Parramatta Station	19:30	20:30	21:30	22:30					
Sunday & Public Holidays									
Allen St near Finlayson St, South Wentworthville	05:42	06:12	06:42	07:12	07:42	08:12	08:42	09:12	09:42
Hilltop Rd opp Hilltop Shops, Merrylands	05:48	06:18	06:48	07:18	07:48	08:18	08:48	09:18	09:48
Parramatta Station	06:00	06:30	07:00	07:30	08:00	08:30	09:00	09:30	10:00
Sunday & Public Holidays									
Allen St near Finlayson St, South Wentworthville	10:12	10:42	11:12	11:42	12:12	12:42	13:12	13:42	14:12
Hilltop Rd opp Hilltop Shops, Merrylands	10:18	10:48	11:18	11:48	12:18	12:48	13:18	13:48	14:18
Parramatta Station	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30
Sunday & Public Holidays									
Allen St near Finlayson St, South Wentworthville	14:42	15:12	15:42	16:12	16:42	17:12	17:42	18:12	18:42
Hilltop Rd opp Hilltop Shops, Merrylands	14:48	15:18	15:48	16:18	16:48	17:18	17:48	18:18	18:48
Parramatta Station	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00

824

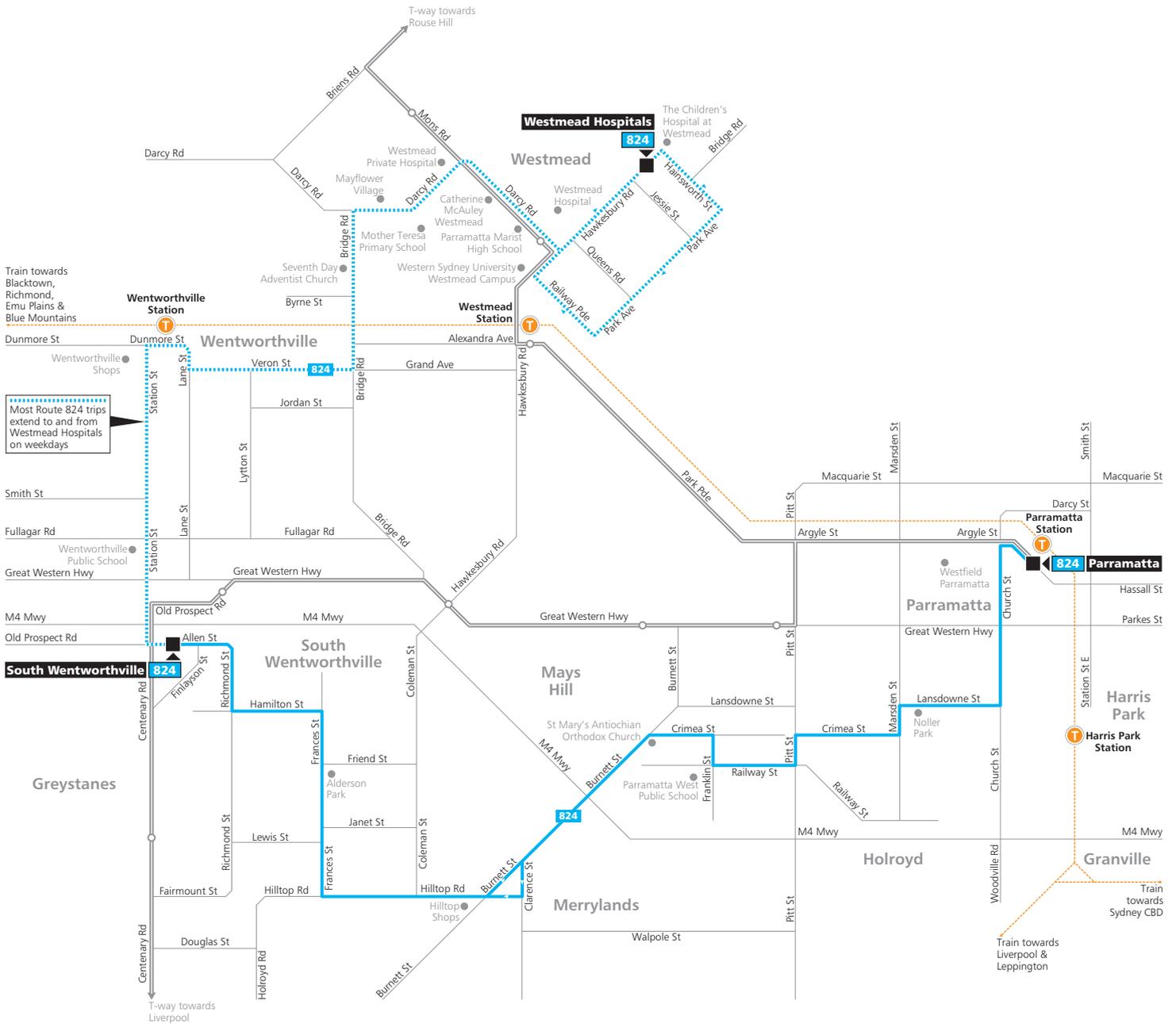
Westmead Hospitals to Parramatta via South Wentworthville

B

Sunday & Public Holidays

			
Allen St near Finlayson St, South Wentworthville	19:12	20:12	21:12
Hilltop Rd opp Hilltop Shops, Merrylands	19:18	20:18	21:18
Parramatta Station	19:30	20:30	21:30

Route 824



Legend

- Blue line: Bus route
- 824: Bus route number
- Black square: Bus route start/finish
- Orange circle with T: Train line/station
- Grey circle: T-way/stop near route

Diagrammatic Map Not to Scale



711

Blacktown to Parramatta via Wentworthville

B

How to use this timetable

This timetable provides a snapshot of service information in 24-hour time (e.g. 5am = 05:00, 5pm = 17:00). Information contained in this timetable is subject to change without notice. Please note that timetables do not include minor stops, additional trips for special events, short term changes, holiday timetable changes, real-time information or any disruption alerts.

For the most up-to-date times, use the Trip Planner or Departures at transportnsw.info

Real-time planning

You can plan your trip with real-time information using the Trip Planner or Departures at transportnsw.info or by downloading travel apps on your smartphone or tablet.

The Trip Planner, Departures and travel apps offer various features:

- favourite your regular trips
- see where your service is on the route
- get estimated pick-up and arrival times
- receive service updates
- find nearby stations, stops, wharves and routes
- check accessibility information.

Find the latest apps at transportnsw.info/apps

Accessible services

All new buses are wheelchair-accessible with low-level floors and space for wheelchairs, prams or strollers. Look for the  symbol in this timetable. Some older buses may not have all the features you need. There will be more accessible services as older buses are replaced.

Who is providing my bus services?

The bus services shown in this timetable are run by Hillsbus.

Fares

In Sydney and surrounding regions, fares are based on:

- the distance you travel from tap on to tap off
- the mode of transport you choose
- whether you're eligible for a concession fare or free travel
- any Opal benefits such as discounts and capped fares that apply.

You can use an Opal card or a contactless payment to pay for your travel.

Opal cards

An Opal card is a smartcard you keep and reuse. Add value before you travel, and tap on and tap off to pay your fares throughout Sydney, the Blue Mountains, the Central Coast, the Hunter and the Illawarra.

Which Opal card is right for you?

Adult – Customers 16 years or older who are not entitled to any concessions and normally pay full fare.

Child/Youth – For customers aged 4-15 (inclusive), or customers 16 years or older who hold a NSW/ACT Senior Secondary Student Concession Card.

Gold Senior/Pensioner – For eligible NSW and interstate seniors, pensioners, war widows/ers and asylum seekers.

Concession – For eligible tertiary students, job seekers, apprentices and trainees.

How to get an Opal card

You can get an Adult or Child/Youth Opal card over the counter at Opal retailers that display the Opal sign . To find your nearest retailer visit transportnsw.info/opal.

If you are eligible to travel with concession fares, you can apply for a Gold Senior/Pensioner or Concession Opal card online. Visit transportnsw.info/opal for more information.

Contactless payments

If you have an American Express, Mastercard, Visa card or linked device, you can use it to pay for all public transport on the Opal network. Just make sure to tap on and tap off at Opal readers at the beginning and end of your trip.

Always separate your cards when you tap on and tap off so your preferred card is charged.

You will receive the same travel benefits of an Adult Opal card when you tap on and tap off consistently with the same credit card, debit card or linked device. This includes daily, weekly and weekend travel caps, and a \$2 transfer discount when you change between metro/train, ferry, bus and light rail services within 60 minutes. Adult Opal fare pricing applies.

Find out more at transportnsw.info/contactless

Explanation of definitions and symbols

	Wheelchair Accessible
N	Departs from Parramatta Interchange Stand B2 Nightsafe area
N	Departs from Stand B2 Nightsafe area
A	Diverts via Pendle Hill HS (School Days)

711

Parramatta to Blacktown via Wentworthville

B

Valid from: 31 Jan 2022

Creation date: 17 March 2022

NOTE: Information is correct on date of download.

Monday to Friday	♿	♿	♿	♿	♿	♿	♿	♿	♿
Parramatta Station	04:53	-	05:41	06:05	-	06:58	07:28	07:58	08:33
Westmead Station	04:58	-	05:46	06:10	-	07:04	07:34	08:04	08:39
Westmead Childrens Hospital, Hawkesbury Rd, Westmead	05:02	-	05:50	06:14	-	07:09	07:39	08:09	08:44
Darcy Rd after Hawkesbury Rd, Westmead	05:05	-	05:53	06:17	-	07:13	07:43	08:13	08:48
Wentworthville Station	05:09	-	05:57	06:22	-	07:19	07:49	08:19	08:54
Toongabbie Anglican Church, Burrabogee Rd, Pendle Hill	05:18	-	06:06	06:31	-	07:29	08:01	08:31	09:06
Toongabbie Station	05:27	-	06:16	06:41	-	07:39	08:11	08:41	09:16
The Hills Sports High School, Seven Hills	05:30	-	06:20	06:45	-	07:43	08:15	08:45	09:20
Seven Hills Interchange	05:35	06:05	06:26	06:51	07:26	07:50	08:22	08:52	09:27
Lalor Park Library, Freeman St, Lalor Park	05:41	06:13	06:34	06:59	07:36	08:00	08:32	09:02	09:37
Phillip St at Collins St, Seven Hills	05:44	06:16	06:37	07:03	07:41	08:05	08:37	09:07	09:42
Blacktown Station	05:53	06:27	06:48	07:14	07:55	08:19	08:51	09:21	09:56
Westpoint Bus Interchange, Blacktown	05:56	06:30	06:51	07:17	07:58	08:22	08:54	09:24	09:59

Monday to Friday	♿	♿	♿	♿	♿	♿	♿	♿	♿
Parramatta Station	09:03	09:40	10:10	10:40	11:10	11:40	12:10	12:40	13:10
Westmead Station	09:09	09:46	10:16	10:46	11:16	11:46	12:16	12:46	13:16
Westmead Childrens Hospital, Hawkesbury Rd, Westmead	09:14	09:51	10:21	10:51	11:21	11:51	12:21	12:51	13:21
Darcy Rd after Hawkesbury Rd, Westmead	09:18	09:55	10:25	10:55	11:25	11:55	12:25	12:55	13:25
Wentworthville Station	09:24	10:01	10:31	11:01	11:31	12:01	12:31	13:01	13:31
Toongabbie Anglican Church, Burrabogee Rd, Pendle Hill	09:35	10:11	10:40	11:10	11:40	12:10	12:40	13:10	13:40
Toongabbie Station	09:45	10:21	10:49	11:19	11:49	12:19	12:49	13:19	13:49
The Hills Sports High School, Seven Hills	09:48	10:25	10:52	11:22	11:52	12:22	12:52	13:22	13:52
Seven Hills Interchange	09:54	10:31	10:58	11:28	11:58	12:28	12:58	13:28	13:58
Lalor Park Library, Freeman St, Lalor Park	10:03	10:39	11:06	11:36	12:06	12:36	13:06	13:36	14:06
Phillip St at Collins St, Seven Hills	10:07	10:43	11:10	11:40	12:10	12:40	13:10	13:40	14:10
Blacktown Station	10:18	10:54	11:21	11:51	12:21	12:51	13:21	13:51	14:21
Westpoint Bus Interchange, Blacktown	10:21	10:57	11:24	11:54	12:24	12:54	13:24	13:54	14:24

Monday to Friday	♿	♿	♿	♿	♿	♿	♿	♿	♿
Parramatta Station	13:40	14:10	14:39	15:05	15:35	16:05	16:40	16:55	17:10
Westmead Station	13:46	14:17	14:46	15:12	15:42	16:12	16:47	17:02	17:18
Westmead Childrens Hospital, Hawkesbury Rd, Westmead	13:51	14:22	14:51	15:17	15:47	16:17	16:52	17:08	17:23
Darcy Rd after Hawkesbury Rd, Westmead	13:55	14:26	14:56	15:22	15:52	16:22	16:57	17:13	17:28
Wentworthville Station	14:01	14:32	15:03	15:29	15:59	16:29	17:04	17:20	17:35
Toongabbie Anglican Church, Burrabogee Rd, Pendle Hill	14:10	14:42	15:15	15:41	16:09	16:40	17:15	17:31	17:46
Toongabbie Station	14:21	14:54	15:28	15:54	16:21	16:51	17:26	17:42	17:57
The Hills Sports High School, Seven Hills	14:25	14:58	15:32	15:58	16:25	16:55	17:30	17:46	18:01
Seven Hills Interchange	14:33	15:05	15:39	16:06	16:32	17:02	17:37	17:53	18:08
Lalor Park Library, Freeman St, Lalor Park	14:41	15:14	15:48	16:16	16:41	17:11	17:46	18:02	18:17
Phillip St at Collins St, Seven Hills	14:45	15:18	15:52	16:20	16:45	17:15	17:50	18:06	18:21
Blacktown Station	14:56	15:29	16:03	16:29	16:54	17:24	17:59	18:15	18:30
Westpoint Bus Interchange, Blacktown	14:59	15:32	16:06	16:32	16:57	17:27	18:02	18:18	18:33

711

Parramatta to Blacktown via Wentworthville

B

Monday to Friday										
Parramatta Station	17:25	17:40	17:55	18:15	18:48	19:18	19:48	20:18	20:48	
Westmead Station	17:33	17:48	18:03	18:22	18:53	19:23	19:53	20:23	20:53	
Westmead Childrens Hospital, Hawkesbury Rd, Westmead	17:38	17:53	18:08	18:27	18:57	19:27	19:57	20:27	20:57	
Darcy Rd after Hawkesbury Rd, Westmead	17:43	17:58	18:13	18:32	19:02	19:32	20:02	20:32	21:02	
Wentworthville Station	17:50	18:05	18:20	18:39	19:07	19:37	20:07	20:37	21:07	
Toongabbie Anglican Church, Burrabogee Rd, Pendle Hill	18:01	18:15	18:30	18:48	19:16	19:45	20:15	20:45	21:15	
Toongabbie Station	18:11	18:25	18:39	18:57	19:25	19:53	20:23	20:53	21:23	
The Hills Sports High School, Seven Hills	18:15	18:29	18:43	19:01	19:29	19:57	20:27	20:57	21:27	
Seven Hills Interchange	18:22	18:34	18:48	19:06	19:34	20:02	20:32	21:02	21:32	
Lalor Park Library, Freeman St, Lalor Park	18:31	18:43	18:57	19:15	19:42	20:10	20:40	21:10	21:40	
Phillip St at Collins St, Seven Hills	18:35	18:47	19:01	19:19	19:46	20:14	20:44	21:14	21:44	
Blacktown Station	18:42	18:54	19:08	19:26	19:53	20:21	20:51	21:21	21:51	
Westpoint Bus Interchange, Blacktown	18:45	18:57	19:11	19:29	19:56	20:24	20:54	21:24	21:54	

Monday to Friday					
Parramatta Station	N21:18	N21:48	22:18	N22:48	23:48
Westmead Station	21:22	21:52	22:22	22:52	23:52
Westmead Childrens Hospital, Hawkesbury Rd, Westmead	21:26	21:55	22:25	22:55	23:55
Darcy Rd after Hawkesbury Rd, Westmead	21:29	21:58	22:28	22:58	23:58
Wentworthville Station	21:34	22:03	22:33	23:03	00:03
Toongabbie Anglican Church, Burrabogee Rd, Pendle Hill	21:42	22:11	22:41	23:11	00:11
Toongabbie Station	21:50	22:18	22:48	23:18	00:18
The Hills Sports High School, Seven Hills	21:54	22:22	22:52	23:22	00:22
Seven Hills Interchange	21:59	22:27	22:57	23:27	00:27
Lalor Park Library, Freeman St, Lalor Park	22:05	22:33	23:03	23:33	00:33
Phillip St at Collins St, Seven Hills	22:08	22:36	23:06	23:36	00:36
Blacktown Station	22:15	22:43	23:13	23:43	00:43
Westpoint Bus Interchange, Blacktown	22:18	22:46	23:16	23:46	00:46

Saturday										
Parramatta Station	-	07:30	08:30	09:00	09:30	10:00	10:30	11:00	11:30	
Westmead Station	-	07:34	08:36	09:06	09:36	10:06	10:36	11:06	11:36	
Westmead Childrens Hospital, Hawkesbury Rd, Westmead	-	07:37	08:40	09:10	09:40	10:10	10:40	11:10	11:40	
Darcy Rd after Hawkesbury Rd, Westmead	-	07:41	08:44	09:14	09:44	10:14	10:44	11:14	11:44	
Wentworthville Station	-	07:46	08:50	09:20	09:50	10:20	10:50	11:20	11:50	
Toongabbie Anglican Church, Burrabogee Rd, Pendle Hill	-	07:54	08:59	09:29	09:59	10:29	10:59	11:29	11:59	
Toongabbie Station	-	08:03	09:08	09:38	10:08	10:38	11:08	11:38	12:09	
The Hills Sports High School, Seven Hills	-	08:06	09:11	09:41	10:11	10:41	11:11	11:41	12:12	
Seven Hills Interchange	07:12	08:12	09:17	09:47	10:17	10:47	11:17	11:47	12:18	
Lalor Park Library, Freeman St, Lalor Park	07:17	08:19	09:24	09:54	10:24	10:54	11:24	11:54	12:25	
Phillip St at Collins St, Seven Hills	07:20	08:23	09:28	09:58	10:28	10:58	11:28	11:58	12:29	
Blacktown Station	07:30	08:33	09:38	10:08	10:38	11:08	11:38	12:07	12:38	
Westpoint Bus Interchange, Blacktown	07:33	08:36	09:41	10:11	10:41	11:11	11:41	12:10	12:41	

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Parramatta to Blacktown via Wentworthville

B

Saturday										
Parramatta Station	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	
Westmead Station	12:06	12:36	13:06	13:36	14:06	14:36	15:06	15:36	16:06	
Westmead Childrens Hospital, Hawkesbury Rd, Westmead	12:10	12:40	13:10	13:40	14:10	14:40	15:10	15:40	16:10	
Darcy Rd after Hawkesbury Rd, Westmead	12:14	12:44	13:14	13:44	14:14	14:44	15:14	15:44	16:14	
Wentworthville Station	12:20	12:50	13:20	13:50	14:20	14:50	15:20	15:50	16:20	
Toongabbie Anglican Church, Burrabogee Rd, Pendle Hill	12:29	12:59	13:29	13:59	14:29	14:59	15:29	15:59	16:29	
Toongabbie Station	12:39	13:09	13:39	14:09	14:39	15:09	15:39	16:09	16:39	
The Hills Sports High School, Seven Hills	12:42	13:12	13:42	14:12	14:42	15:12	15:42	16:12	16:42	
Seven Hills Interchange	12:48	13:18	13:48	14:18	14:48	15:18	15:48	16:18	16:48	
Lalor Park Library, Freeman St, Lalor Park	12:55	13:25	13:55	14:25	14:55	15:25	15:55	16:25	16:55	
Phillip St at Collins St, Seven Hills	12:59	13:29	13:59	14:29	14:59	15:29	15:59	16:29	16:59	
Blacktown Station	13:08	13:38	14:08	14:38	15:08	15:38	16:08	16:38	17:08	
Westpoint Bus Interchange, Blacktown	13:11	13:41	14:11	14:41	15:11	15:41	16:11	16:41	17:11	

Saturday										
Parramatta Station	16:30	17:00	17:30	18:00	18:30	19:00	19:30	20:00	20:30	
Westmead Station	16:36	17:06	17:36	18:06	18:36	19:04	19:34	20:04	20:34	
Westmead Childrens Hospital, Hawkesbury Rd, Westmead	16:40	17:10	17:40	18:10	18:40	19:08	19:38	20:08	20:38	
Darcy Rd after Hawkesbury Rd, Westmead	16:44	17:14	17:44	18:14	18:44	19:11	19:41	20:11	20:41	
Wentworthville Station	16:50	17:20	17:50	18:20	18:50	19:16	19:46	20:16	20:46	
Toongabbie Anglican Church, Burrabogee Rd, Pendle Hill	16:59	17:29	17:59	18:29	18:59	19:24	19:54	20:24	20:54	
Toongabbie Station	17:09	17:39	18:09	18:39	19:08	19:33	20:03	20:33	21:03	
The Hills Sports High School, Seven Hills	17:12	17:42	18:12	18:42	19:11	19:36	20:06	20:36	21:06	
Seven Hills Interchange	17:18	17:48	18:18	18:48	19:16	19:41	20:11	20:41	21:11	
Lalor Park Library, Freeman St, Lalor Park	17:25	17:55	18:25	18:55	19:21	19:46	20:16	20:46	21:16	
Phillip St at Collins St, Seven Hills	17:29	17:59	18:29	18:59	19:24	19:49	20:19	20:49	21:19	
Blacktown Station	17:38	18:08	18:38	19:07	19:32	19:57	20:27	20:57	21:27	
Westpoint Bus Interchange, Blacktown	17:41	18:11	18:41	19:10	19:35	20:00	20:30	21:00	21:30	

Saturday				
Parramatta Station	N21:00	N21:30	N22:30	N23:30
Westmead Station	21:04	21:34	22:34	23:34
Westmead Childrens Hospital, Hawkesbury Rd, Westmead	21:08	21:38	22:38	23:38
Darcy Rd after Hawkesbury Rd, Westmead	21:11	21:41	22:41	23:41
Wentworthville Station	21:15	21:45	22:45	23:45
Toongabbie Anglican Church, Burrabogee Rd, Pendle Hill	21:23	21:53	22:53	23:53
Toongabbie Station	21:30	22:00	23:00	00:00
The Hills Sports High School, Seven Hills	21:33	22:03	23:03	00:03
Seven Hills Interchange	21:37	22:07	23:07	00:07
Lalor Park Library, Freeman St, Lalor Park	21:44	22:14	23:14	00:14
Phillip St at Collins St, Seven Hills	21:47	22:17	23:17	00:17
Blacktown Station	21:55	22:25	23:25	00:25
Westpoint Bus Interchange, Blacktown	21:57	22:27	23:27	00:27

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Parramatta to Blacktown via Wentworthville

B

Sunday & Public Holidays	♿	♿	♿	♿	♿	♿	♿	♿	♿
Parramatta Station	-	08:30	09:00	09:30	10:00	10:30	11:00	11:30	12:00
Westmead Station	-	08:36	09:06	09:36	10:06	10:36	11:06	11:36	12:06
Westmead Childrens Hospital, Hawkesbury Rd, Westmead	-	08:40	09:10	09:40	10:10	10:40	11:10	11:40	12:10
Darcy Rd after Hawkesbury Rd, Westmead	-	08:43	09:13	09:43	10:13	10:43	11:13	11:43	12:13
Wentworthville Station	-	08:48	09:18	09:48	10:18	10:48	11:18	11:48	12:18
Toongabbie Anglican Church, Burrabogee Rd, Pendle Hill	-	08:56	09:26	09:56	10:26	10:56	11:26	11:56	12:26
Toongabbie Station	-	09:05	09:35	10:05	10:35	11:05	11:35	12:05	12:36
The Hills Sports High School, Seven Hills	-	09:08	09:38	10:08	10:38	11:08	11:38	12:08	12:39
Seven Hills Interchange	08:12	09:14	09:44	10:14	10:44	11:14	11:44	12:14	12:45
Lalor Park Library, Freeman St, Lalor Park	08:19	09:21	09:51	10:21	10:51	11:21	11:51	12:21	12:51
Phillip St at Collins St, Seven Hills	08:22	09:24	09:54	10:24	10:54	11:24	11:54	12:24	12:54
Blacktown Station	08:32	09:34	10:04	10:34	11:04	11:34	12:04	12:34	13:03
Westpoint Bus Interchange, Blacktown	08:35	09:37	10:07	10:37	11:07	11:37	12:07	12:37	13:06

Sunday & Public Holidays	♿	♿	♿	♿	♿	♿	♿	♿	♿
Parramatta Station	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30
Westmead Station	12:36	13:06	13:36	14:06	14:36	15:06	15:36	16:06	16:36
Westmead Childrens Hospital, Hawkesbury Rd, Westmead	12:40	13:10	13:40	14:10	14:40	15:10	15:40	16:10	16:40
Darcy Rd after Hawkesbury Rd, Westmead	12:43	13:13	13:43	14:13	14:43	15:13	15:43	16:13	16:43
Wentworthville Station	12:49	13:19	13:49	14:19	14:49	15:19	15:49	16:19	16:49
Toongabbie Anglican Church, Burrabogee Rd, Pendle Hill	12:58	13:28	13:58	14:28	14:58	15:28	15:58	16:28	16:58
Toongabbie Station	13:08	13:38	14:08	14:38	15:08	15:38	16:08	16:38	17:08
The Hills Sports High School, Seven Hills	13:11	13:41	14:11	14:41	15:11	15:41	16:11	16:41	17:11
Seven Hills Interchange	13:17	13:47	14:17	14:47	15:17	15:47	16:17	16:47	17:17
Lalor Park Library, Freeman St, Lalor Park	13:23	13:53	14:23	14:53	15:23	15:53	16:23	16:53	17:23
Phillip St at Collins St, Seven Hills	13:26	13:56	14:26	14:56	15:26	15:56	16:26	16:56	17:26
Blacktown Station	13:35	14:05	14:35	15:05	15:35	16:05	16:35	17:05	17:35
Westpoint Bus Interchange, Blacktown	13:38	14:08	14:38	15:08	15:38	16:08	16:38	17:08	17:38

Sunday & Public Holidays	♿	♿	♿	♿	♿	♿	♿	♿	♿
Parramatta Station	17:00	17:30	18:00	18:30	19:00	19:30	20:00	20:30	N21:30
Westmead Station	17:06	17:36	18:06	18:36	19:04	19:34	20:04	20:34	21:34
Westmead Childrens Hospital, Hawkesbury Rd, Westmead	17:10	17:40	18:10	18:40	19:08	19:38	20:08	20:38	21:38
Darcy Rd after Hawkesbury Rd, Westmead	17:13	17:43	18:13	18:43	19:11	19:41	20:11	20:41	21:41
Wentworthville Station	17:19	17:49	18:19	18:49	19:16	19:46	20:16	20:46	21:45
Toongabbie Anglican Church, Burrabogee Rd, Pendle Hill	17:28	17:58	18:28	18:58	19:24	19:54	20:24	20:54	21:53
Toongabbie Station	17:38	18:08	18:38	19:06	19:32	20:02	20:32	21:02	22:00
The Hills Sports High School, Seven Hills	17:41	18:11	18:41	19:09	19:35	20:05	20:35	21:05	22:03
Seven Hills Interchange	17:47	18:17	18:47	19:14	19:40	20:10	20:40	21:10	22:07
Lalor Park Library, Freeman St, Lalor Park	17:53	18:23	18:53	19:19	19:45	20:15	20:45	21:15	22:14
Phillip St at Collins St, Seven Hills	17:56	18:26	18:56	19:22	19:48	20:18	20:48	21:18	22:17
Blacktown Station	18:05	18:35	19:04	19:29	19:55	20:25	20:55	21:25	22:25
Westpoint Bus Interchange, Blacktown	18:08	18:38	19:07	19:32	19:58	20:28	20:58	21:28	22:27

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Parramatta to Blacktown via Wentworthville

B**Sunday & Public Holidays**

Parramatta Station	N22:30
Westmead Station	22:34
Westmead Childrens Hospital, Hawkesbury Rd, Westmead	22:38
Darcy Rd after Hawkesbury Rd, Westmead	22:41
Wentworthville Station	22:45
Toongabbie Anglican Church, Burrabogee Rd, Pendle Hill	22:53
Toongabbie Station	23:00
The Hills Sports High School, Seven Hills	23:03
Seven Hills Interchange	23:07
Lalor Park Library, Freeman St, Lalor Park	23:14
Phillip St at Collins St, Seven Hills	23:17
Blacktown Station	23:25
Westpoint Bus Interchange, Blacktown	23:27

711

Blacktown to Parramatta via Wentworthville

B

Monday to Friday	♿	♿	♿	♿	♿	♿	♿	♿	♿
Westpoint Bus Interchange, Blacktown	04:36	05:06	05:36	06:06	06:19	06:34	06:43	06:55	07:23
Blacktown Station	04:39	05:09	05:39	06:09	06:22	06:37	06:46	06:58	07:26
Phillip St after Barbara Bvd, Seven Hills	04:47	05:17	05:47	06:17	06:30	06:45	06:54	07:06	07:35
Freeman St opp Lalor Park Library, Lalor Park	04:51	05:21	05:51	06:21	06:34	06:49	06:58	07:11	07:40
Seven Hills Interchange	04:57	05:27	05:57	06:28	06:42	06:57	07:07	07:21	07:51
The Hills Sports High School, Seven Hills	05:00	05:30	06:00	06:32	06:46	07:01	07:11	07:25	07:57
Toongabbie Station	05:03	05:33	06:05	06:37	06:51	07:06	07:17	07:31	08:04
Burrabogee Rd opp Toongabbie Anglican Church, Old Toongabbie	05:11	05:41	06:14	06:46	07:00	07:17	07:28	07:43	08:15
Wentworthville Station	05:21	05:51	06:24	06:58	07:13	07:30	07:42	07:57	08:29
Westmead Hospital, North West Twy, Westmead	05:26	05:56	06:30	07:05	07:21	07:39	07:51	08:07	08:39
Westmead Childrens Hospital, Hawkesbury Rd, Westmead	05:29	05:59	06:33	07:08	07:24	07:42	07:54	08:10	08:42
Westmead Station	05:33	06:03	06:38	07:13	07:29	07:47	07:59	08:15	08:48
Parramatta Station	05:38	06:08	06:43	07:19	07:35	07:53	08:05	08:21	08:54

Monday to Friday	♿	♿	♿	♿	♿	♿	♿	♿	♿
Westpoint Bus Interchange, Blacktown	07:58	08:38	09:18	09:48	10:18	10:48	11:18	11:48	12:18
Blacktown Station	08:01	08:41	09:21	09:51	10:21	10:51	11:21	11:51	12:21
Phillip St after Barbara Bvd, Seven Hills	08:10	08:50	09:30	10:00	10:29	10:59	11:29	11:59	12:29
Freeman St opp Lalor Park Library, Lalor Park	08:15	08:55	09:34	10:04	10:33	11:03	11:33	12:03	12:33
Seven Hills Interchange	08:25	09:02	09:40	10:10	10:39	11:09	11:39	12:09	12:39
The Hills Sports High School, Seven Hills	08:30	09:07	09:45	10:15	10:44	11:14	11:44	12:14	12:44
Toongabbie Station	08:37	09:12	09:50	10:20	10:49	11:19	11:49	12:19	12:49
Burrabogee Rd opp Toongabbie Anglican Church, Old Toongabbie	08:50	09:23	10:00	10:30	10:59	11:29	11:59	12:29	12:59
Wentworthville Station	09:03	09:35	10:13	10:43	11:12	11:42	12:12	12:42	13:12
Westmead Hospital, North West Twy, Westmead	09:10	09:44	10:19	10:49	11:18	11:48	12:18	12:48	13:18
Westmead Childrens Hospital, Hawkesbury Rd, Westmead	09:13	09:47	10:22	10:52	11:21	11:51	12:21	12:51	13:21
Westmead Station	09:18	09:52	10:27	10:57	11:26	11:56	12:26	12:56	13:26
Parramatta Station	09:24	09:57	10:32	11:02	11:31	12:01	12:31	13:01	13:31

Monday to Friday	♿	♿	♿	♿	♿	♿	♿	♿	♿
Westpoint Bus Interchange, Blacktown	12:48	13:17	13:47	14:09	14:34	15:08	15:38	15:53	16:20
Blacktown Station	12:51	13:20	13:50	14:12	14:37	15:11	15:41	15:56	16:23
Phillip St after Barbara Bvd, Seven Hills	12:59	13:28	13:58	14:24	14:49	15:23	15:52	16:06	16:33
Freeman St opp Lalor Park Library, Lalor Park	13:03	13:32	14:02	14:28	14:53	15:28	15:57	16:11	16:38
Seven Hills Interchange	13:09	13:38	14:08	14:34	14:59	15:36	16:04	16:18	16:45
The Hills Sports High School, Seven Hills	13:14	13:43	14:13	14:39	15:04	15:41	16:09	16:23	16:50
Toongabbie Station	13:19	13:48	14:17	14:43	15:08	15:47	16:15	16:29	16:55
Burrabogee Rd opp Toongabbie Anglican Church, Old Toongabbie	13:29	13:58	14:27	14:55	15:20	15:59	16:27	16:38	17:04
Pendle Hill High School, Binalong Rd, Toongabbie	-	-	-	-	15:21	-	-	-	-
Wentworthville Station	13:42	14:09	14:38	15:09	15:35	16:10	16:38	16:49	17:15
Westmead Hospital, North West Twy, Westmead	13:48	14:17	14:46	15:17	15:43	16:18	16:46	16:57	17:23
Westmead Childrens Hospital, Hawkesbury Rd, Westmead	13:51	14:21	14:50	15:21	15:47	16:22	16:50	17:01	17:27
Westmead Station	13:56	14:26	14:55	15:27	15:53	16:28	16:56	17:07	17:33
Parramatta Station	14:01	14:31	15:00	15:32	15:58	16:34	17:02	17:12	17:38

711**Blacktown to Parramatta via
Wentworthville****B**

Monday to Friday										
Westpoint Bus Interchange, Blacktown	16:50	17:21	18:01	18:31	19:01	19:31	20:01	20:31	21:05	
Blacktown Station	16:53	17:24	18:04	18:34	19:04	19:34	20:04	20:34	21:08	
Phillip St after Barbara Bvd, Seven Hills	17:03	17:33	18:13	18:43	19:13	19:43	20:13	20:43	21:16	
Freeman St opp Lalor Park Library, Lalor Park	17:08	17:37	18:17	18:47	19:17	19:47	20:17	20:47	21:20	
Seven Hills Interchange	17:15	17:45	18:23	18:53	19:23	19:53	20:23	20:53	21:26	
The Hills Sports High School, Seven Hills	17:20	17:49	18:27	18:57	19:27	19:57	20:27	20:57	21:30	
Toongabbie Station	17:24	17:53	18:31	19:01	19:30	20:00	20:30	21:00	21:33	
Burrabogee Rd opp Toongabbie Anglican Church, Old Toongabbie	17:34	18:03	18:41	19:10	19:38	20:08	20:38	21:08	21:40	
Wentworthville Station	17:45	18:13	18:51	19:19	19:47	20:17	20:47	21:17	21:49	
Westmead Hospital, North West Twy, Westmead	17:53	18:21	18:59	19:24	19:52	20:22	20:52	21:22	21:53	
Westmead Childrens Hospital, Hawkesbury Rd, Westmead	17:57	18:25	19:03	19:27	19:55	20:25	20:55	21:25	21:55	
Westmead Station	18:03	18:31	19:09	19:32	20:00	20:30	21:00	21:29	21:59	
Parramatta Station	18:08	18:36	19:14	19:37	20:05	20:35	21:04	21:33	22:03	

Monday to Friday				
Westpoint Bus Interchange, Blacktown	21:35	22:05	22:35	23:08
Blacktown Station	21:38	22:08	22:38	23:11
Phillip St after Barbara Bvd, Seven Hills	21:46	22:16	22:46	23:19
Freeman St opp Lalor Park Library, Lalor Park	21:50	22:20	22:50	23:23
Seven Hills Interchange	21:56	22:26	22:56	23:29
The Hills Sports High School, Seven Hills	22:00	22:30	23:00	23:33
Toongabbie Station	22:03	22:33	23:03	23:36
Burrabogee Rd opp Toongabbie Anglican Church, Old Toongabbie	22:10	22:40	23:10	23:43
Wentworthville Station	22:19	22:49	23:19	23:52
Westmead Hospital, North West Twy, Westmead	22:23	22:53	23:23	23:56
Westmead Childrens Hospital, Hawkesbury Rd, Westmead	22:25	22:55	23:25	23:58
Westmead Station	22:29	22:59	23:29	00:02
Parramatta Station	22:33	23:03	23:33	00:06

Saturday										
Westpoint Bus Interchange, Blacktown	05:45	06:45	07:15	07:45	08:13	08:41	09:11	09:41	10:11	
Blacktown Station	05:48	06:48	07:18	07:48	08:16	08:44	09:14	09:44	10:14	
Phillip St after Barbara Bvd, Seven Hills	05:55	06:55	07:25	07:55	08:23	08:53	09:23	09:53	10:23	
Freeman St opp Lalor Park Library, Lalor Park	05:59	06:59	07:29	07:59	08:27	08:57	09:27	09:57	10:27	
Seven Hills Interchange	06:06	07:06	07:36	08:06	08:35	09:05	09:35	10:05	10:35	
The Hills Sports High School, Seven Hills	06:08	07:08	07:38	08:08	08:38	09:08	09:38	10:08	10:38	
Toongabbie Station	06:13	07:13	07:43	08:13	08:43	09:13	09:43	10:13	10:43	
Burrabogee Rd opp Toongabbie Anglican Church, Old Toongabbie	06:21	07:21	07:51	08:21	08:52	09:22	09:52	10:22	10:52	
Wentworthville Station	06:31	07:31	08:01	08:31	09:03	09:33	10:03	10:33	11:03	
Westmead Hospital, North West Twy, Westmead	06:36	07:36	08:06	08:37	09:09	09:39	10:09	10:39	11:09	
Westmead Childrens Hospital, Hawkesbury Rd, Westmead	06:38	07:38	08:08	08:39	09:11	09:41	10:11	10:41	11:11	
Westmead Station	06:42	07:42	08:12	08:44	09:16	09:46	10:16	10:46	11:16	
Parramatta Station	06:46	07:46	08:16	08:49	09:21	09:51	10:21	10:51	11:21	

711**Blacktown to Parramatta via
Wentworthville****B**

Saturday										
Westpoint Bus Interchange, Blacktown	10:41	11:11	11:41	12:11	12:42	13:15	13:45	14:15	14:45	
Blacktown Station	10:44	11:14	11:44	12:14	12:45	13:18	13:48	14:18	14:48	
Phillip St after Barbara Bvd, Seven Hills	10:53	11:23	11:53	12:23	12:54	13:27	13:57	14:27	14:57	
Freeman St opp Lalor Park Library, Lalor Park	10:57	11:27	11:57	12:27	12:58	13:31	14:01	14:31	15:01	
Seven Hills Interchange	11:05	11:35	12:05	12:35	13:06	13:38	14:08	14:38	15:08	
The Hills Sports High School, Seven Hills	11:08	11:38	12:08	12:38	13:09	13:41	14:11	14:41	15:11	
Toongabbie Station	11:13	11:43	12:13	12:43	13:14	13:46	14:16	14:46	15:16	
Burrabogee Rd opp Toongabbie Anglican Church, Old Toongabbie	11:22	11:52	12:22	12:52	13:23	13:54	14:24	14:54	15:24	
Wentworthville Station	11:33	12:03	12:33	13:03	13:34	14:04	14:34	15:04	15:34	
Westmead Hospital, North West Twy, Westmead	11:39	12:09	12:39	13:09	13:39	14:09	14:39	15:09	15:39	
Westmead Childrens Hospital, Hawkesbury Rd, Westmead	11:41	12:11	12:41	13:11	13:41	14:11	14:41	15:11	15:41	
Westmead Station	11:46	12:16	12:46	13:16	13:46	14:16	14:46	15:16	15:46	
Parramatta Station	11:51	12:21	12:51	13:21	13:51	14:21	14:51	15:21	15:51	

Saturday										
Westpoint Bus Interchange, Blacktown	15:15	15:45	16:15	16:45	17:15	17:47	18:17	18:48	19:18	
Blacktown Station	15:18	15:48	16:18	16:48	17:18	17:50	18:20	18:51	19:21	
Phillip St after Barbara Bvd, Seven Hills	15:27	15:57	16:27	16:57	17:27	17:59	18:29	18:59	19:29	
Freeman St opp Lalor Park Library, Lalor Park	15:31	16:01	16:31	17:01	17:31	18:03	18:32	19:02	19:32	
Seven Hills Interchange	15:38	16:08	16:38	17:08	17:38	18:10	18:38	19:08	19:38	
The Hills Sports High School, Seven Hills	15:41	16:11	16:41	17:11	17:41	18:13	18:41	19:11	19:41	
Toongabbie Station	15:46	16:16	16:46	17:16	17:46	18:18	18:46	19:16	19:46	
Burrabogee Rd opp Toongabbie Anglican Church, Old Toongabbie	15:54	16:24	16:54	17:24	17:54	18:26	18:54	19:24	19:54	
Wentworthville Station	16:04	16:34	17:04	17:34	18:04	18:35	19:03	19:33	20:03	
Westmead Hospital, North West Twy, Westmead	16:09	16:39	17:09	17:39	18:09	18:39	19:07	19:37	20:07	
Westmead Childrens Hospital, Hawkesbury Rd, Westmead	16:11	16:41	17:11	17:41	18:11	18:41	19:09	19:39	20:09	
Westmead Station	16:16	16:46	17:15	17:45	18:15	18:45	19:13	19:43	20:13	
Parramatta Station	16:21	16:51	17:20	17:50	18:20	18:49	19:17	19:47	20:17	

Saturday					
Westpoint Bus Interchange, Blacktown	19:48	20:18	20:48	21:48	22:48
Blacktown Station	19:51	20:21	20:51	21:51	22:51
Phillip St after Barbara Bvd, Seven Hills	19:59	20:29	20:59	21:59	22:59
Freeman St opp Lalor Park Library, Lalor Park	20:02	20:32	21:02	22:02	23:02
Seven Hills Interchange	20:08	20:38	21:08	22:08	23:08
The Hills Sports High School, Seven Hills	20:11	20:41	21:11	22:11	23:11
Toongabbie Station	20:16	20:46	21:16	22:16	23:16
Burrabogee Rd opp Toongabbie Anglican Church, Old Toongabbie	20:24	20:54	21:24	22:24	23:24
Wentworthville Station	20:33	21:03	21:33	22:33	23:33
Westmead Hospital, North West Twy, Westmead	20:37	21:07	21:37	22:37	23:37
Westmead Childrens Hospital, Hawkesbury Rd, Westmead	20:39	21:09	21:39	22:39	23:39
Westmead Station	20:43	21:13	21:43	22:43	23:43
Parramatta Station	20:47	21:17	21:47	22:47	23:47

711

Blacktown to Parramatta via Wentworthville

B

Sunday & Public Holidays	♿	♿	♿	♿	♿	♿	♿	♿	♿
Westpoint Bus Interchange, Blacktown	06:45	07:45	08:15	08:45	09:15	09:45	10:15	10:45	11:15
Blacktown Station	06:48	07:48	08:18	08:48	09:18	09:48	10:18	10:48	11:18
Phillip St after Barbara Bvd, Seven Hills	06:55	07:55	08:25	08:56	09:26	09:56	10:26	10:56	11:26
Freeman St opp Lalor Park Library, Lalor Park	06:59	07:59	08:29	09:00	09:30	10:00	10:30	11:00	11:30
Seven Hills Interchange	07:06	08:06	08:36	09:07	09:37	10:07	10:37	11:07	11:37
The Hills Sports High School, Seven Hills	07:09	08:09	08:39	09:10	09:40	10:10	10:40	11:10	11:40
Toongabbie Station	07:14	08:14	08:44	09:15	09:45	10:15	10:45	11:15	11:45
Burrabogee Rd opp Toongabbie Anglican Church, Old Toongabbie	07:21	08:21	08:52	09:23	09:53	10:23	10:53	11:23	11:53
Wentworthville Station	07:31	08:31	09:03	09:34	10:04	10:34	11:04	11:34	12:04
Westmead Hospital, North West Twy, Westmead	07:36	08:36	09:08	09:39	10:09	10:39	11:09	11:39	12:09
Westmead Childrens Hospital, Hawkesbury Rd, Westmead	07:38	08:38	09:10	09:41	10:11	10:41	11:11	11:41	12:11
Westmead Station	07:42	08:43	09:15	09:46	10:16	10:46	11:16	11:46	12:16
Parramatta Station	07:47	08:48	09:20	09:51	10:21	10:51	11:21	11:51	12:21

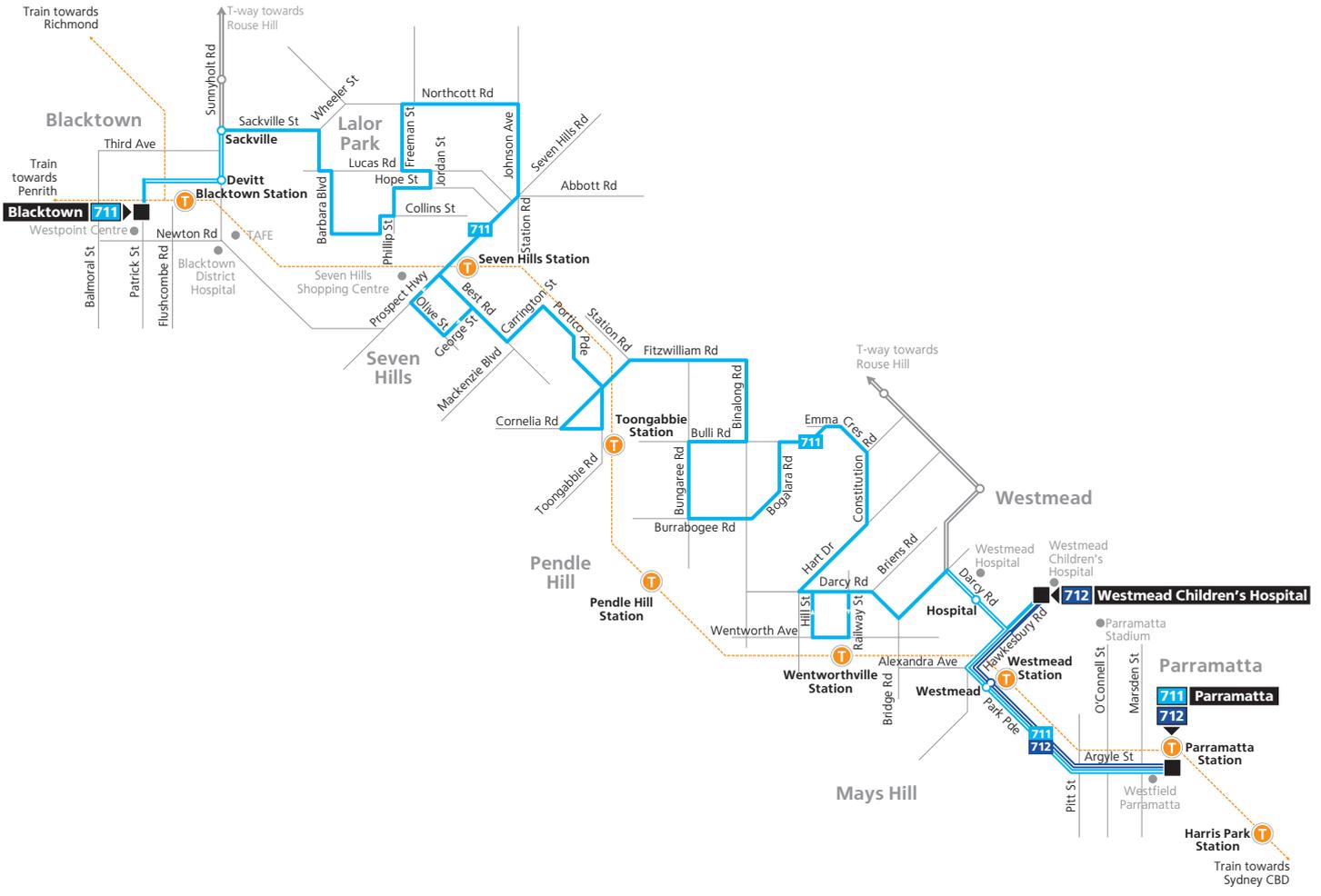
Sunday & Public Holidays	♿	♿	♿	♿	♿	♿	♿	♿	♿
Westpoint Bus Interchange, Blacktown	11:45	12:15	12:45	13:15	13:45	14:15	14:45	15:15	15:46
Blacktown Station	11:48	12:18	12:48	13:18	13:48	14:18	14:48	15:18	15:49
Phillip St after Barbara Bvd, Seven Hills	11:56	12:26	12:56	13:26	13:57	14:27	14:57	15:27	15:58
Freeman St opp Lalor Park Library, Lalor Park	12:00	12:30	13:00	13:30	14:01	14:31	15:01	15:31	16:02
Seven Hills Interchange	12:07	12:37	13:07	13:37	14:08	14:38	15:08	15:38	16:09
The Hills Sports High School, Seven Hills	12:10	12:40	13:10	13:40	14:11	14:41	15:11	15:41	16:12
Toongabbie Station	12:15	12:45	13:15	13:45	14:16	14:46	15:16	15:46	16:17
Burrabogee Rd opp Toongabbie Anglican Church, Old Toongabbie	12:23	12:53	13:23	13:53	14:24	14:54	15:24	15:54	16:25
Wentworthville Station	12:34	13:04	13:34	14:03	14:34	15:04	15:34	16:04	16:35
Westmead Hospital, North West Twy, Westmead	12:39	13:09	13:39	14:08	14:39	15:09	15:39	16:09	16:40
Westmead Childrens Hospital, Hawkesbury Rd, Westmead	12:41	13:11	13:41	14:10	14:41	15:11	15:41	16:11	16:42
Westmead Station	12:46	13:16	13:46	14:15	14:46	15:16	15:46	16:16	16:47
Parramatta Station	12:51	13:21	13:51	14:20	14:51	15:21	15:51	16:21	16:52

Sunday & Public Holidays	♿	♿	♿	♿	♿	♿	♿	♿	♿
Westpoint Bus Interchange, Blacktown	16:15	16:47	17:17	17:50	18:20	18:50	19:20	19:50	20:50
Blacktown Station	16:18	16:50	17:20	17:53	18:23	18:53	19:23	19:53	20:53
Phillip St after Barbara Bvd, Seven Hills	16:27	16:59	17:28	18:01	18:31	19:00	19:30	20:00	21:00
Freeman St opp Lalor Park Library, Lalor Park	16:31	17:03	17:32	18:05	18:35	19:04	19:34	20:04	21:04
Seven Hills Interchange	16:38	17:10	17:39	18:12	18:41	19:10	19:40	20:10	21:10
The Hills Sports High School, Seven Hills	16:41	17:13	17:42	18:15	18:44	19:13	19:43	20:13	21:13
Toongabbie Station	16:46	17:18	17:47	18:20	18:49	19:18	19:48	20:18	21:18
Burrabogee Rd opp Toongabbie Anglican Church, Old Toongabbie	16:54	17:26	17:55	18:28	18:56	19:25	19:55	20:25	21:25
Wentworthville Station	17:04	17:35	18:04	18:36	19:04	19:33	20:03	20:33	21:33
Westmead Hospital, North West Twy, Westmead	17:09	17:40	18:09	18:40	19:08	19:37	20:07	20:37	21:37
Westmead Childrens Hospital, Hawkesbury Rd, Westmead	17:11	17:42	18:11	18:42	19:10	19:39	20:09	20:39	21:39
Westmead Station	17:15	17:46	18:15	18:46	19:14	19:43	20:13	20:43	21:43
Parramatta Station	17:20	17:51	18:20	18:51	19:19	19:48	20:18	20:48	21:48

711**Blacktown to Parramatta via
Wentworthville****B****Sunday & Public Holidays**

Westpoint Bus Interchange, Blacktown	21:50
Blacktown Station	21:53
Phillip St after Barbara Bvd, Seven Hills	22:00
Freeman St opp Lalor Park Library, Lalor Park	22:04
Seven Hills Interchange	22:10
The Hills Sports High School, Seven Hills	22:13
Toongabbie Station	22:18
Burrabogee Rd opp Toongabbie Anglican Church, Old Toongabbie	22:25
Wentworthville Station	22:33
Westmead Hospital, North West Twy, Westmead	22:37
Westmead Childrens Hospital, Hawkesbury Rd, Westmead	22:39
Westmead Station	22:43
Parramatta Station	22:48

Routes 711, 712



Legend

- Bus route
- 711 Bus route number
- T Bus route start/finish
- T Train line/station
- T-way/stop near route

Diagrammatic Map
Not to Scale
North

712

Westmead Childrens Hospital to Parramatta

B

How to use this timetable

This timetable provides a snapshot of service information in 24-hour time (e.g. 5am = 05:00, 5pm = 17:00). Information contained in this timetable is subject to change without notice. Please note that timetables do not include minor stops, additional trips for special events, short term changes, holiday timetable changes, real-time information or any disruption alerts.

For the most up-to-date times, use the Trip Planner or Departures at transportnsw.info

Real-time planning

You can plan your trip with real-time information using the Trip Planner or Departures at transportnsw.info or by downloading travel apps on your smartphone or tablet.

The Trip Planner, Departures and travel apps offer various features:

- favourite your regular trips
- see where your service is on the route
- get estimated pick-up and arrival times
- receive service updates
- find nearby stations, stops, wharves and routes
- check accessibility information.

Find the latest apps at transportnsw.info/apps

Accessible services

All new buses are wheelchair-accessible with low-level floors and space for wheelchairs, prams or strollers. Look for the  symbol in this timetable. Some older buses may not have all the features you need. There will be more accessible services as older buses are replaced.

Who is providing my bus services?

The bus services shown in this timetable are run by Hillsbus.

Fares

In Sydney and surrounding regions, fares are based on:

- the distance you travel from tap on to tap off
- the mode of transport you choose
- whether you're eligible for a concession fare or free travel
- any Opal benefits such as discounts and capped fares that apply.

You can use an Opal card or a contactless payment to pay for your travel.

Opal cards

An Opal card is a smartcard you keep and reuse. Add value before you travel, and tap on and tap off to pay your fares throughout Sydney, the Blue Mountains, the Central Coast, the Hunter and the Illawarra.

Which Opal card is right for you?

Adult – Customers 16 years or older who are not entitled to any concessions and normally pay full fare.

Child/Youth – For customers aged 4-15 (inclusive), or customers 16 years or older who hold a NSW/ACT Senior Secondary Student Concession Card.

Gold Senior/Pensioner – For eligible NSW and interstate seniors, pensioners, war widows/ers and asylum seekers.

Concession – For eligible tertiary students, job seekers, apprentices and trainees.

How to get an Opal card

You can get an Adult or Child/Youth Opal card over the counter at Opal retailers that display the Opal sign . To find your nearest retailer visit transportnsw.info/opal.

If you are eligible to travel with concession fares, you can apply for a Gold Senior/Pensioner or Concession Opal card online. Visit transportnsw.info/opal for more information.

Contactless payments

If you have an American Express, Mastercard, Visa card or linked device, you can use it to pay for all public transport on the Opal network. Just make sure to tap on and tap off at Opal readers at the beginning and end of your trip.

Always separate your cards when you tap on and tap off so your preferred card is charged.

You will receive the same travel benefits of an Adult Opal card when you tap on and tap off consistently with the same credit card, debit card or linked device. This includes daily, weekly and weekend travel caps, and a \$2 transfer discount when you change between metro/train, ferry, bus and light rail services within 60 minutes. Adult Opal fare pricing applies.

Find out more at transportnsw.info/contactless

Explanation of definitions and symbols



Wheelchair Accessible

712**Parramatta to Westmead Childrens Hospital****B**

Valid from: 31 Jan 2022

Creation date: 17 March 2022

NOTE: Information is correct on date of download.

Monday to Friday										
Parramatta Station	06:43	07:13	07:43	08:13	08:48	09:20	09:55	10:25	10:55	
Westmead Station	06:48	07:19	07:49	08:19	08:54	09:26	10:01	10:31	11:01	
Westmead Childrens Hospital, Hawkesbury Rd, Westmead	06:52	07:24	07:54	08:24	08:59	09:31	10:06	10:36	11:06	

Monday to Friday										
Parramatta Station	11:25	11:55	12:25	12:55	13:25	13:55	14:24	14:54	15:20	
Westmead Station	11:31	12:01	12:31	13:01	13:31	14:01	14:31	15:01	15:27	
Westmead Childrens Hospital, Hawkesbury Rd, Westmead	11:36	12:06	12:36	13:06	13:36	14:06	14:36	15:06	15:32	

Monday to Friday				
Parramatta Station	15:50	16:25	18:33	19:03
Westmead Station	15:57	16:32	18:39	19:08
Westmead Childrens Hospital, Hawkesbury Rd, Westmead	16:02	16:37	18:44	19:12

712**Westmead Childrens Hospital to
Parramatta****B****Monday to Friday**

Westmead Childrens Hospital, Hawkesbury Rd, Westmead										
	08:24	08:59	09:31	10:06	10:36	11:06	11:36	12:06	12:36	
Westmead Station	08:29	09:04	09:36	10:11	10:41	11:11	11:41	12:11	12:41	
Parramatta Station	08:35	09:10	09:41	10:16	10:46	11:16	11:46	12:16	12:46	

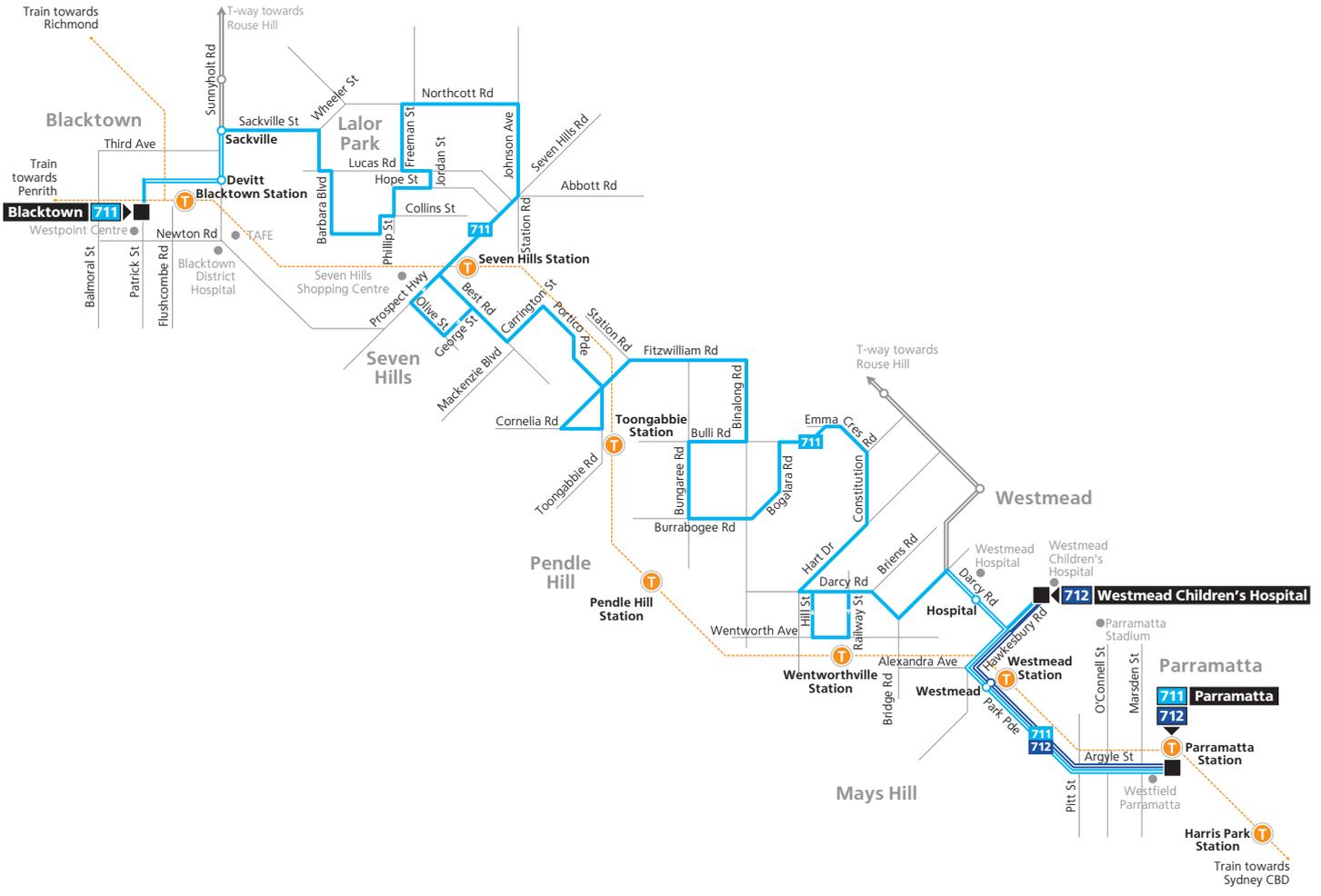
Monday to Friday

Westmead Childrens Hospital, Hawkesbury Rd, Westmead										
	13:06	13:36	14:06	14:36	15:06	15:32	16:02	16:37	17:14	
Westmead Station	13:11	13:41	14:11	14:41	15:12	15:38	16:08	16:43	17:20	
Parramatta Station	13:16	13:46	14:16	14:46	15:17	15:43	16:13	16:49	17:25	

Monday to Friday

Westmead Childrens Hospital, Hawkesbury Rd, Westmead			
	17:38	18:08	18:44
Westmead Station	17:44	18:14	18:50
Parramatta Station	17:49	18:19	18:55

Routes 711, 712



Legend

- Bus route
- Bus route start/finish
- T T-way/stop near route
- 711 Bus route number
- T Train line/station

Diagrammatic Map
Not to Scale

How to use this timetable

This timetable provides a snapshot of service information in 24-hour time (e.g. 5am = 05:00, 5pm = 17:00). Information contained in this timetable is subject to change without notice. Please note that timetables do not include minor stops, additional trips for special events, short term changes, holiday timetable changes, real-time information or any disruption alerts.

For the most up-to-date times, use the Trip Planner or Departures at transportnsw.info

Real-time planning

You can plan your trip with real-time information using the Trip Planner or Departures at transportnsw.info or by downloading travel apps on your smartphone or tablet.

The Trip Planner, Departures and travel apps offer various features:

- favourite your regular trips
- see where your service is on the route
- get estimated pick-up and arrival times
- receive service updates
- find nearby stations, stops, wharves and routes
- check accessibility information.

Find the latest apps at transportnsw.info/apps

Accessible services

All new buses are wheelchair-accessible with low-level floors and space for wheelchairs, prams or strollers. Look for the  symbol in this timetable. Some older buses may not have all the features you need. There will be more accessible services as older buses are replaced.

Who is providing my bus services?

The bus services shown in this timetable are run by Transit Systems.

Fares

In Sydney and surrounding regions, fares are based on:

- the distance you travel from tap on to tap off
- the mode of transport you choose
- whether you're eligible for a concession fare or free travel
- any Opal benefits such as discounts and capped fares that apply.

You can use an Opal card or a contactless payment to pay for your travel.

Opal cards

An Opal card is a smartcard you keep and reuse. Add value before you travel, and tap on and tap off to pay your fares throughout Sydney, the Blue Mountains, the Central Coast, the Hunter and the Illawarra.

Which Opal card is right for you?

Adult – Customers 16 years or older who are not entitled to any concessions and normally pay full fare.

Child/Youth – For customers aged 4-15 (inclusive), or customers 16 years or older who hold a NSW/ACT Senior Secondary Student Concession Card.

Gold Senior/Pensioner – For eligible NSW and interstate seniors, pensioners, war widows/ers and asylum seekers.

Concession – For eligible tertiary students, job seekers, apprentices and trainees.

How to get an Opal card

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Always separate your cards when you tap on and tap off so your preferred card is charged.

You will receive the same travel benefits of an Adult Opal card when you tap on and tap off consistently with the same credit card, debit card or linked device. This includes daily, weekly and weekend travel caps, and a \$2 transfer discount when you change between metro/train, ferry, bus and light rail services within 60 minutes. Adult Opal fare pricing applies.

Find out more at transportnsw.info/contactless

Explanation of definitions and symbols



Wheelchair Accessible

818**Merrylands to Westmead Hospitals****B**

Valid from: 01 Feb 2022

Creation date: 17 March 2022

NOTE: Information is correct on date of download.

Monday to Friday										
Merrylands Station	06:41	07:42	08:45	09:48	10:48	11:48	12:48	13:48	14:43	
Hilltop Rd near Coleman St, Merrylands	06:50	07:51	08:54	09:56	10:56	11:56	12:56	13:56	14:53	
Irrigation Rd at Jersey Rd, Merrylands	06:54	07:56	08:59	10:00	11:00	12:00	13:00	14:00	14:58	
Old Prospect Rd near Ringrose Av, Greystanes	07:00	08:02	09:05	10:06	11:09	12:09	13:09	14:09	15:06	
Dunmore St at Station St, Wentworthville	07:08	08:15	09:14	10:14	11:16	12:16	13:16	14:16	15:16	
Westmead Hospital, North West Twy, Westmead	07:19	08:27	09:24	10:24	11:25	12:25	13:25	14:25	15:26	
Westmead Childrens Hospital, Hawkesbury Rd, Westmead	07:21	08:29	09:26	10:26	11:26	12:26	13:26	14:27	15:28	

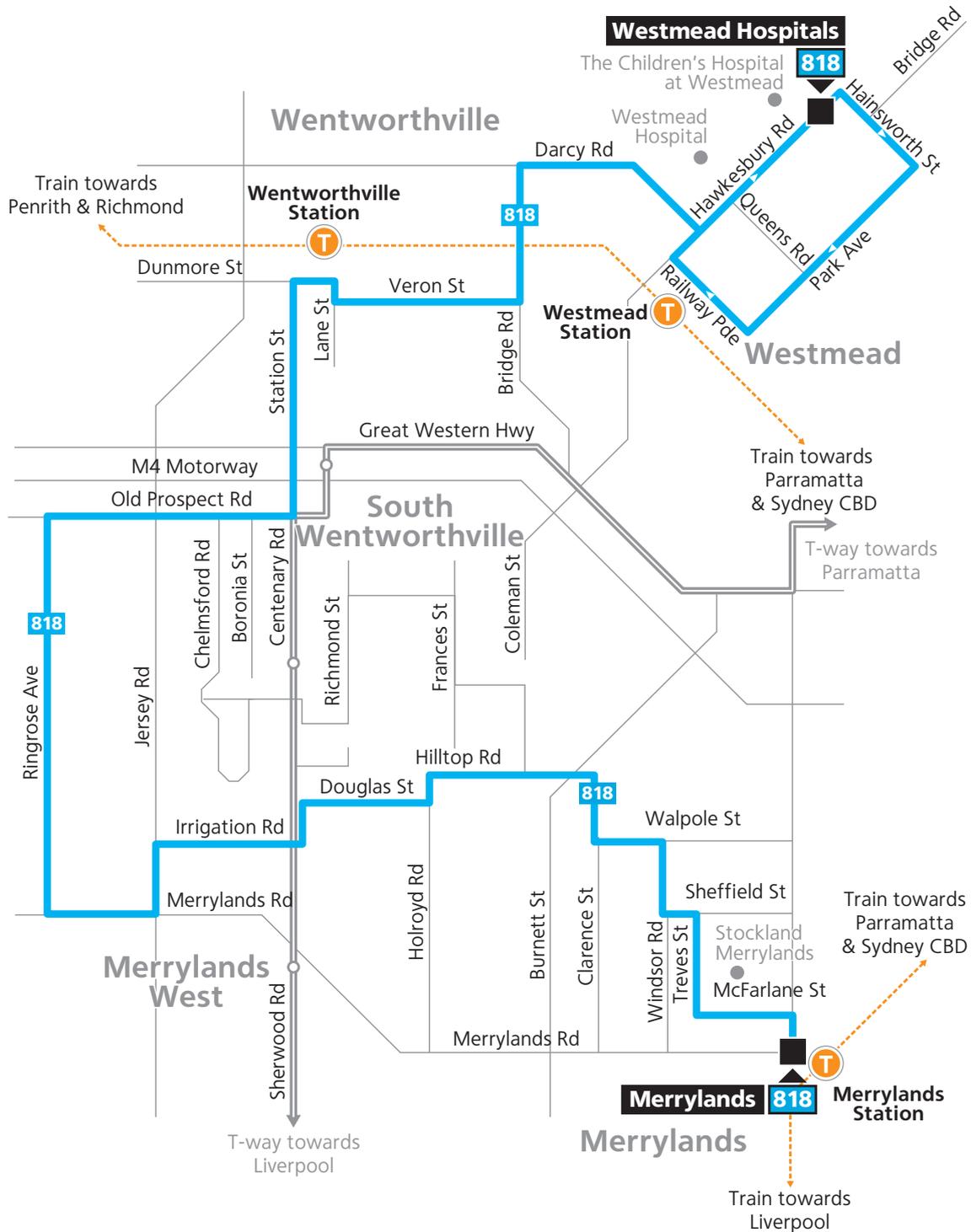
Monday to Friday		
Merrylands Station	15:40	16:40
Hilltop Rd near Coleman St, Merrylands	15:50	16:50
Irrigation Rd at Jersey Rd, Merrylands	15:55	16:55
Old Prospect Rd near Ringrose Av, Greystanes	16:03	17:03
Dunmore St at Station St, Wentworthville	16:10	17:10
Westmead Hospital, North West Twy, Westmead	16:19	17:19
Westmead Childrens Hospital, Hawkesbury Rd, Westmead	16:21	17:21

818**Westmead Hospitals to Merrylands****B**

Monday to Friday										
Westmead Childrens Hospital, Hawkesbury Rd, Westmead	-	07:25	08:40	09:30	10:30	11:30	12:30	13:30	14:30	
Dunmore St before Station St, Wentworthville	-	07:37	08:54	09:43	10:43	11:43	12:43	13:43	14:44	
Old Prospect Rd near Ringrose Av, Greystanes	06:45	07:46	09:03	09:50	10:50	11:50	12:50	13:50	14:53	
Jersey Rd at Royal Pl, Greystanes	06:51	07:52	09:10	09:56	10:56	11:56	12:56	13:56	15:00	
Hilltop Rd near Coleman St, Merrylands	06:56	07:57	09:18	10:01	11:00	12:00	13:00	14:01	15:06	
Merrylands Station	07:05	08:06	09:27	10:10	11:09	12:09	13:09	14:10	15:16	

Monday to Friday			
Westmead Childrens Hospital, Hawkesbury Rd, Westmead	15:30	16:30	17:30
Dunmore St before Station St, Wentworthville	15:44	16:45	17:45
Old Prospect Rd near Ringrose Av, Greystanes	15:53	16:53	17:53
Jersey Rd at Royal Pl, Greystanes	16:00	16:59	17:59
Hilltop Rd near Coleman St, Merrylands	16:06	17:04	18:04
Merrylands Station	16:16	17:13	18:13

Route 818



Legend

- Bus route
- 818 Bus route number
- 818 Bus route start/finish
- Train line/station

Diagrammatic Map
Not to Scale



Appendix E – Consultation with TfNSW and Council

From: Amir Mousavi <AMousavi@cityofparramatta.nsw.gov.au>
Sent: Thursday, 31 March 2022 11:21 AM
To: technical@transportstrategies.com.au
Cc: 'James Wright'; 'Traffic and Transport Planning Solutions'; 'Marcus Owen'; 'Steven Browne'; Saniya Sharmeen; Traffic; Richard Searle
Subject: RE: Conditions B12, B16, B17 & B25: Westmead Children's Hospital Multi Storey Car Park

Hi Meg,

I reviewed the submitted Construction Traffic and Pedestrian Management Plan (CTPMP) prepared by TTPS (reference N175 dated 18/03/2022) for the construction works of the Children's Hospital at Westmead Redevelopment - Stage 2 Multistorey Car Park – to satisfy Condition B12 (b) of SSD-10434896 and wish to advise that Council's Traffic and Transport Services section has no objection to the CTPMP subject to the following conditions:

- Construction vehicles and trucks must not wait outside the site on Redbank Road and Labyrinth Way. The site manager is to monitor area within the site to ensure adequate area is available for trucks. All construction vehicles are to enter and exit the site in a forward direction.
- Pedestrian movements are to be maintained along Redbank Road and Labyrinth Way at all times throughout the project. Traffic controllers are to be present during construction working hours to halt pedestrians whilst construction vehicles are entering/exiting the site only. At all times vehicles, entering and exiting the site are to be required to give way to pedestrians travelling on the footpath.
- All activities, including loading / unloading vehicles and storage for equipment, materials and waste are to be within the works site and are not to impede traffic flow along Redbank Road and Labyrinth Way.
- Materials are to be delivered and spoil removed during standard construction hours. Deliveries are to be planned to ensure a consistent and minimal number of trucks arriving at site at any one time.
- Traffic controllers are to manage vehicular and pedestrian traffic to ensure public safety whilst vehicles are entering or exiting the site. Traffic Control Plans (TCPs) are to be in accordance with AS1742.3 and RMS 'Traffic Control at Worksites' manual at all times and be signed by a person with RMS certification to prepare TCP's. A copy of the TCPs is to be held on site at all times by the responsible traffic controllers.
- Installation of a 'Works Zone' on public road shall require an approval through Parramatta Traffic Committee process. The applicant is to submit an application for a Works Zone through Council's Traffic and Transport Services, at least 6 weeks prior to the commencement of the restriction.
- Occupation of any part of the footpath or road (mobile crane, skip bin, carrying out work, erecting/dismantling hoarding, reconstruction of footpath and the like) during construction works of the development shall require a Road Occupancy Permit from Council. The applicant is to obtain a Temporary Road Occupancy Permit through Council's Traffic and Transport Services, prior to occupying any part of the footpath or road.
- Oversize vehicles using local roads require approval from the National Heavy Vehicle Regulator (NHVR). The applicant shall submit an application for an Oversize Vehicle Access Permit through NHVR's portal (www.nhvr.gov.au/about-us/nhvr-portal), prior to driving through local roads within the City of Parramatta LGA.
- The applicant is required to obtain a Hoarding/Tower Crane permit from Council prior to erecting any Hoarding/Tower Crane on Council road/footpath/construction site. The application can be access via Council's website www.cityofparramatta.nsw.gov.au → Business & Development → Development Application (DA) → Development & Building Form.
- The Contractor is to keep the roadway (including footpath) in a serviceable state for the duration of the project. Road pavement/footpath damaged as a result of truck movements/ construction activity is to be maintained during the duration of development by developer at no cost to Council to satisfaction of Council's Supervisor Civil Assets, contact 9806 8250.
- City of Parramatta Council is to be notified of any future disruption to roadways and footpaths and any changes to the CTPMP.

Please feel free to contact me if you would like to discuss this further.

Kind regards,

Amir Mousavi

Traffic & Transport Investigations Engineer | Development and Traffic Services | City Strategy & Development

(02) 9806 8404

City of Parramatta
126 Church Street, Parramatta NSW 2150
PO Box 32, Parramatta, NSW 2124
cityofparramatta.nsw.gov.au



I acknowledge the Traditional Owners of the land I work on, the Darug Peoples, and pay my respects to their Elders past and present.

From: technical@transportstrategies.com.au <technical@transportstrategies.com.au>
Sent: Monday, 28 March 2022 9:45 PM
To: Amir Mousavi <AMousavi@cityofparramatta.nsw.gov.au>
Cc: 'James Wright' <jwright@kane.com.au>; 'Traffic and Transport Planning Solutions' <info@myttps.com>; 'Marcus Owen' <mowen@kane.com.au>; 'Steven Browne' <sbrowne@kane.com.au>; Saniya Sharmeen <SSharmeen@cityofparramatta.nsw.gov.au>; Traffic <Traffic@cityofparramatta.nsw.gov.au>
Subject: Conditions B12, B16, B17 & B25: Westmead Children's Hospital Multi Storey Car Park

***[EXTERNAL EMAIL] Stop and think before opening attachments, clicking on links or responding. ***

Hi Amir

Hope you are keeping well. As part of Condition B12(b) of SSD-10434896 (attached), we would need to prepare the CTPMSP in consultation with TfNSW.

B12. The Construction Traffic and Pedestrian Management Sub-Plan (CTPMSP) must be prepared to achieve the objective of ensuring safety and efficiency of the road network and address the following, to be limited to, the following:

- (a) be prepared by a suitably qualified and experienced person(s);
- (b) be prepared in consultation with Council and TfNSW;
- (c) detail the measures that are to be implemented to ensure road safety and network efficiency during construction in consideration of potential impacts on general traffic, cyclists and pedestrians and bus services;
- (d) detail the measures that are to be implemented to mitigate adverse impacts to the Parramatta Light Rail (PLR) Project;
- (e) provide a description and route map for vehicles involved in spoil removal, material delivery and machine floatage;
- (f) provide the estimated number and type of construction vehicle movements including morning and afternoon peak and off peak movements;
- (g) ensure that turning areas within the site allow the forward entry and egress of construction vehicles;
- (h) outline the location of construction site entrances and exits (controlled by a certified traffic controller), proposed work zones, proposed crane standing areas, vehicle loading / unloading points, truck layover zones, storage areas and on-site construction worker parking; and
- (i) detail the proposed staging and the process for managing temporary road closures associated with the realignment of Redbank Road.

Please download the CTPMSP from the link below:

<https://www.dropbox.com/t/TVs1ETxdfLBWYVO4>

We have also included the following sections within the CTMP

- Construction Worker Transportation Strategy (Condition B17)
- Driver Code of Conduct (condition B16)

Appreciate Council's review and comments. Feel free to contact me if you have any questions.

Kind regards

Meg Kong

Transport Strategist

Mobile: 04 2400 7141

Email: technical@transportstrategies.com.au

Address: 207A/30 Campbell Street, Blacktown NSW 2148

 LinkedIn

From: Development Applications <Developments.CJP@transport.nsw.gov.au>
Sent: Tuesday, 29 March 2022 11:47 AM
To: technical@transportstrategies.com.au
Subject: RE: Conditions B12, B16, B17 & B25: Westmead Children's Hospital Multi Storey Car Park

Transport for NSW (TfNSW), Greater Sydney Division has reviewed the subject CTMP titled, ***The Children's Hospital at Westmead Redevelopment-Stage 2 Multistorey Car Park, SSD-10434896***, 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 that may impact the state road network or is within 100m of traffic signals.
- Access must 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 be clear of the carriageway 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.

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.

***Operational Change | Customer Journey Planning | Greater Sydney
25 Garden Street Eveleigh NSW 2015
Transport for NSW***



**Transport
for NSW**

From: technical@transportstrategies.com.au <technical@transportstrategies.com.au>

Sent: Monday, 28 March 2022 9:41 PM

To: Development CTMP CJP <development.CTMP.CJP@transport.nsw.gov.au>; Development Sydney <Development.Sydney@transport.nsw.gov.au>; Christopher Smith <Christopher.SMITH3@transport.nsw.gov.au>; Development Applications <Developments.CJP@transport.nsw.gov.au>

Cc: 'James Wright' <jwright@kane.com.au>; 'Traffic and Transport Planning Solutions' <info@myttps.com>; 'Marcus Owen' <mowen@kane.com.au>; 'Steven Browne' <sbrowne@kane.com.au>

Subject: Conditions B12, B16, B17 & B25: Westmead Children's Hospital Multi Storey Car Park

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CAUTION: This email is sent from an external source. Do not click any links or open attachments unless you recognise the sender and know the content is safe.

Hi Chris

Hope you are keeping well. As part of Condition B12(b) of SSD-10434896 (attached), we would need to prepare the CTPMSP in consultation with TfNSW.

B12. The Construction Traffic and Pedestrian Management Sub-Plan (CTPMSP) must be prepared to achieve the objective of ensuring safety and efficiency of the road network and address the following, be limited to, the following:

- (a) be prepared by a suitably qualified and experienced person(s);
- (b) be prepared in consultation with Council and TfNSW;
- (c) detail the measures that are to be implemented to ensure road safety and network efficiency during construction in consideration of potential impacts on general traffic, cyclists and pedestrians and bus services;
- (d) detail the measures that are to be implemented to mitigate adverse impacts to the Parramatta Light Rail (PLR) Project;
- (e) provide a description and route map for vehicles involved in spoil removal, material delivery and machine floatage;
- (f) provide the estimated number and type of construction vehicle movements including morning and afternoon peak and off peak movements;
- (g) ensure that turning areas within the site allow the forward entry and egress of construction vehicles;
- (h) outline the location of construction site entrances and exits (controlled by a certified traffic controller), proposed work zones, proposed crane standing areas, vehicle loading / unloading points, truck layover zones, storage areas and on-site construction worker parking; and
- (i) detail the proposed staging and the process for managing temporary road closures associated with the realignment of Redbank Road.

Please download the CTPMSP from the link below:

<https://www.dropbox.com/t/TVs1ETxdfLBWYVO4>

We have also included the following sections within the CTMP

- Construction Worker Transportation Strategy (Condition B17)
- Driver Code of Conduct (condition B16)

Appreciate TfNSW's review and comments. Feel free to contact me if you have any questions.

Kind regards

Meg Kong

Transport Strategist

Mobile: 04 2400 7141

Email: technical@transportstrategies.com.au

Address: 207A/30 Campbell Street, Blacktown NSW 2148



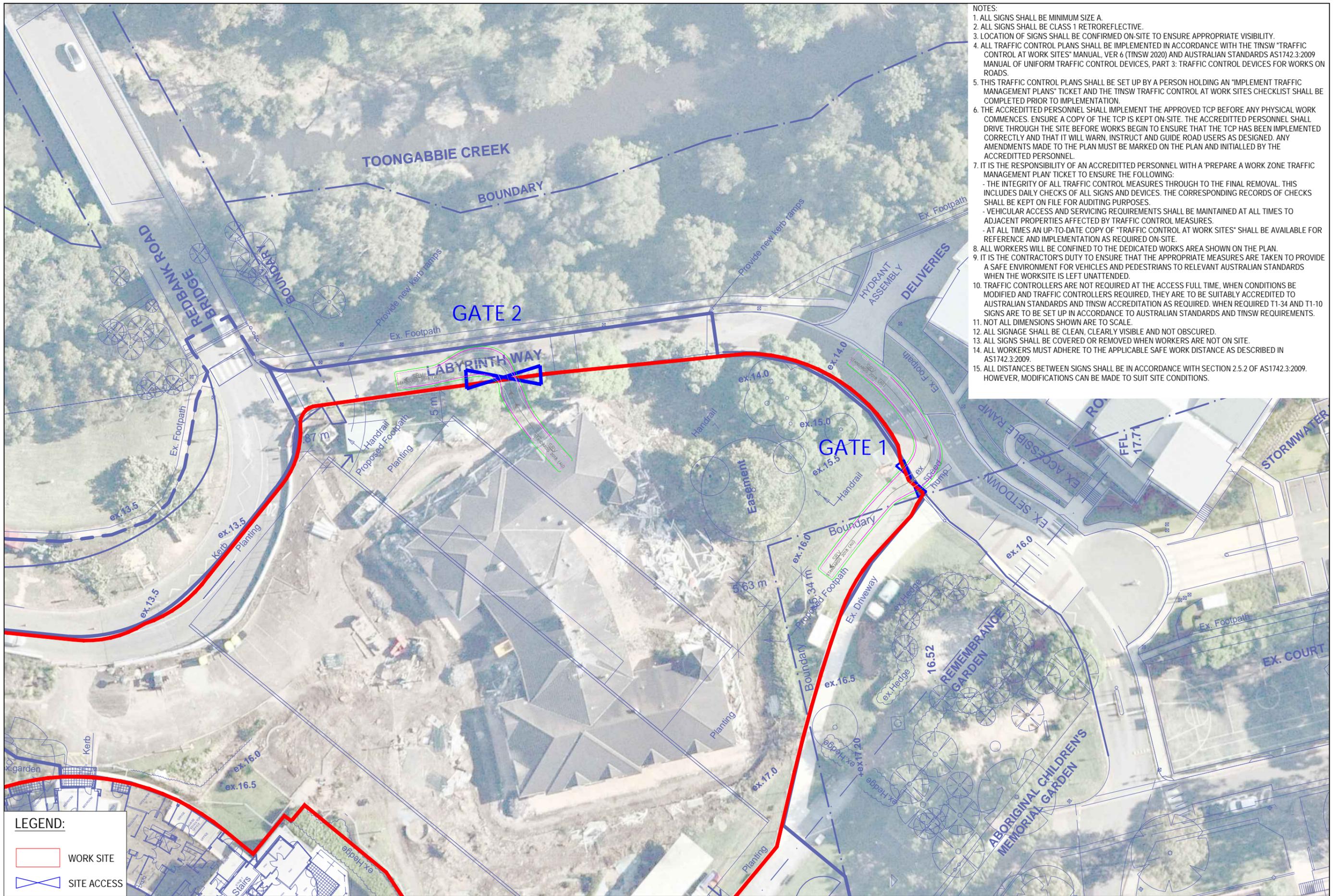
Transport Strategies

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OFFICIAL

Appendix F Swept Path Assessments



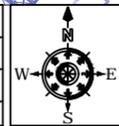
- NOTES:
1. ALL SIGNS SHALL BE MINIMUM SIZE A.
 2. ALL SIGNS SHALL BE CLASS 1 RETROREFLECTIVE.
 3. LOCATION OF SIGNS SHALL BE CONFIRMED ON-SITE TO ENSURE APPROPRIATE VISIBILITY.
 4. ALL TRAFFIC CONTROL PLANS SHALL BE IMPLEMENTED IN ACCORDANCE WITH THE TNSW "TRAFFIC CONTROL AT WORK SITES" MANUAL, VER 6 (TNSW 2020) AND AUSTRALIAN STANDARDS AS1742.3:2009 MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, PART 3: TRAFFIC CONTROL DEVICES FOR WORKS ON ROADS.
 5. THIS TRAFFIC CONTROL PLANS SHALL BE SET UP BY A PERSON HOLDING AN "IMPLEMENT TRAFFIC MANAGEMENT PLANS" TICKET AND THE TNSW TRAFFIC CONTROL AT WORK SITES CHECKLIST SHALL BE COMPLETED PRIOR TO IMPLEMENTATION.
 6. THE ACCREDITED PERSONNEL SHALL IMPLEMENT THE APPROVED TCP BEFORE ANY PHYSICAL WORK COMMENCES. ENSURE A COPY OF THE TCP IS KEPT ON-SITE. THE ACCREDITED PERSONNEL SHALL DRIVE THROUGH THE SITE BEFORE WORKS BEGIN TO ENSURE THAT THE TCP HAS BEEN IMPLEMENTED CORRECTLY AND THAT IT WILL WARN, INSTRUCT AND GUIDE ROAD USERS AS DESIGNED. ANY AMENDMENTS MADE TO THE PLAN MUST BE MARKED ON THE PLAN AND INITIALED BY THE ACCREDITED PERSONNEL.
 7. IT IS THE RESPONSIBILITY OF AN ACCREDITED PERSONNEL WITH A 'PREPARE A WORK ZONE TRAFFIC MANAGEMENT PLAN' TICKET TO ENSURE THE FOLLOWING:
 - THE INTEGRITY OF ALL TRAFFIC CONTROL MEASURES THROUGH TO THE FINAL REMOVAL. THIS INCLUDES DAILY CHECKS OF ALL SIGNS AND DEVICES. THE CORRESPONDING RECORDS OF CHECKS SHALL BE KEPT ON FILE FOR AUDITING PURPOSES.
 - VEHICULAR ACCESS AND SERVICING REQUIREMENTS SHALL BE MAINTAINED AT ALL TIMES TO ADJACENT PROPERTIES AFFECTED BY TRAFFIC CONTROL MEASURES.
 - AT ALL TIMES AN UP-TO-DATE COPY OF "TRAFFIC CONTROL AT WORK SITES" SHALL BE AVAILABLE FOR REFERENCE AND IMPLEMENTATION AS REQUIRED ON-SITE.
 8. ALL WORKERS WILL BE CONFINED TO THE DEDICATED WORKS AREA SHOWN ON THE PLAN.
 9. IT IS THE CONTRACTOR'S DUTY TO ENSURE THAT THE APPROPRIATE MEASURES ARE TAKEN TO PROVIDE A SAFE ENVIRONMENT FOR VEHICLES AND PEDESTRIANS TO RELEVANT AUSTRALIAN STANDARDS WHEN THE WORKSITE IS LEFT UNATTENDED.
 10. TRAFFIC CONTROLLERS ARE NOT REQUIRED AT THE ACCESS FULL TIME, WHEN CONDITIONS BE MODIFIED AND TRAFFIC CONTROLLERS REQUIRED, THEY ARE TO BE SUITABLY ACCREDITED TO AUSTRALIAN STANDARDS AND TNSW ACCREDITATION AS REQUIRED. WHEN REQUIRED T1-34 AND T1-10 SIGNS ARE TO BE SET UP IN ACCORDANCE TO AUSTRALIAN STANDARDS AND TNSW REQUIREMENTS.
 11. NOT ALL DIMENSIONS SHOWN ARE TO SCALE.
 12. ALL SIGNAGE SHALL BE CLEAN, CLEARLY VISIBLE AND NOT OBSCURED.
 13. ALL SIGNS SHALL BE COVERED OR REMOVED WHEN WORKERS ARE NOT ON SITE.
 14. ALL WORKERS MUST ADHERE TO THE APPLICABLE SAFE WORK DISTANCE AS DESCRIBED IN AS1742.3:2009.
 15. ALL DISTANCES BETWEEN SIGNS SHALL BE IN ACCORDANCE WITH SECTION 2.5.2 OF AS1742.3:2009. HOWEVER, MODIFICATIONS CAN BE MADE TO SUIT SITE CONDITIONS.

LEGEND:

WORK SITE

⏏ SITE ACCESS

MARK	REVISION	DATE

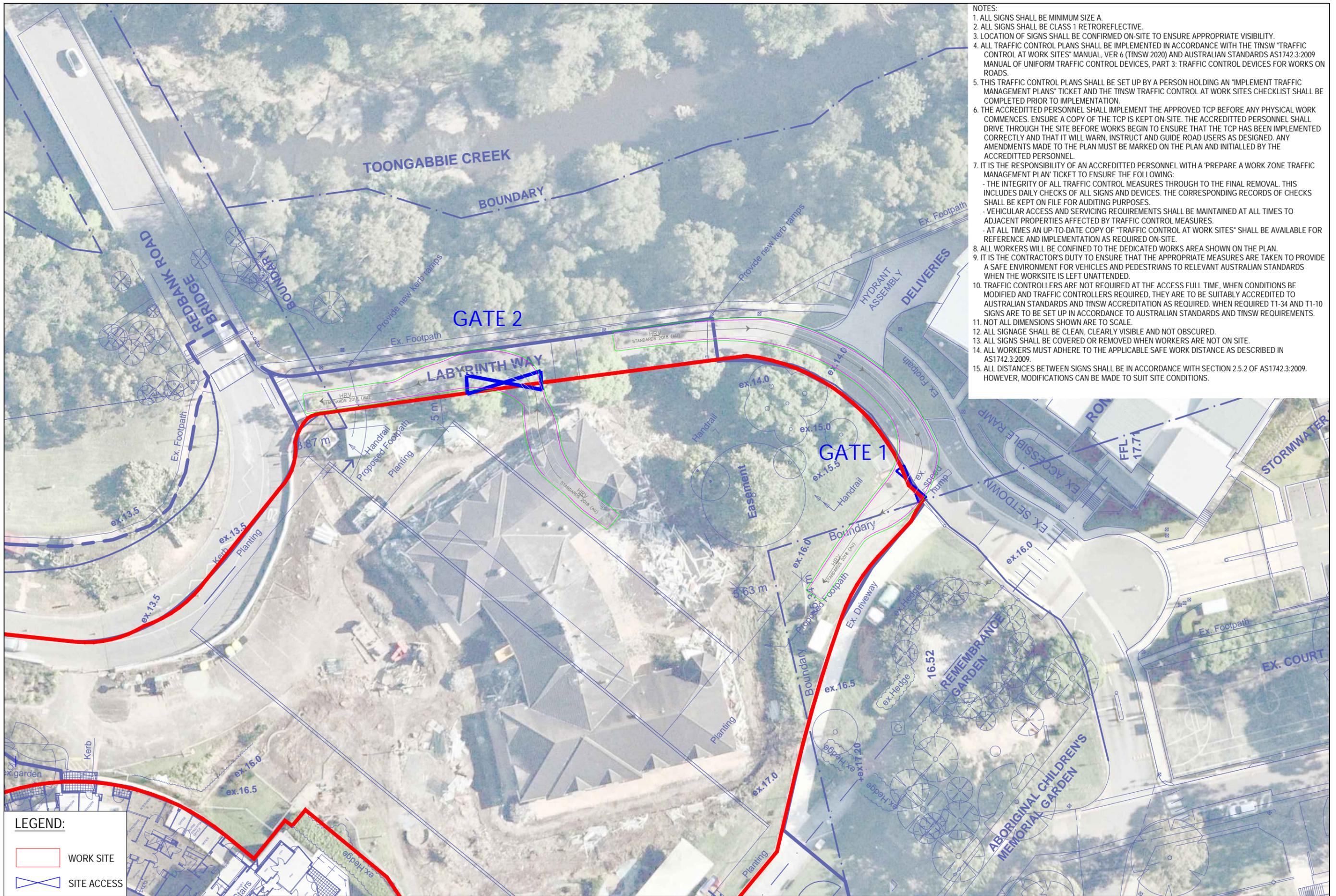


The Children's Hospital at Westmead Multi-storey Carpark
 Swept Path Assessments
 Truck Access for Small Rigid Vehicles
 DRAWING REF NO. TCP 220305
 ISSUE DATE 18 March 2022

DESIGNED BY S.A. REVIEWED BY M.K.

SCALE A3 0 NTS NTS





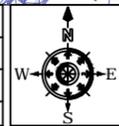
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LEGEND:

WORK SITE

SITE ACCESS

MARK	REVISION	DATE



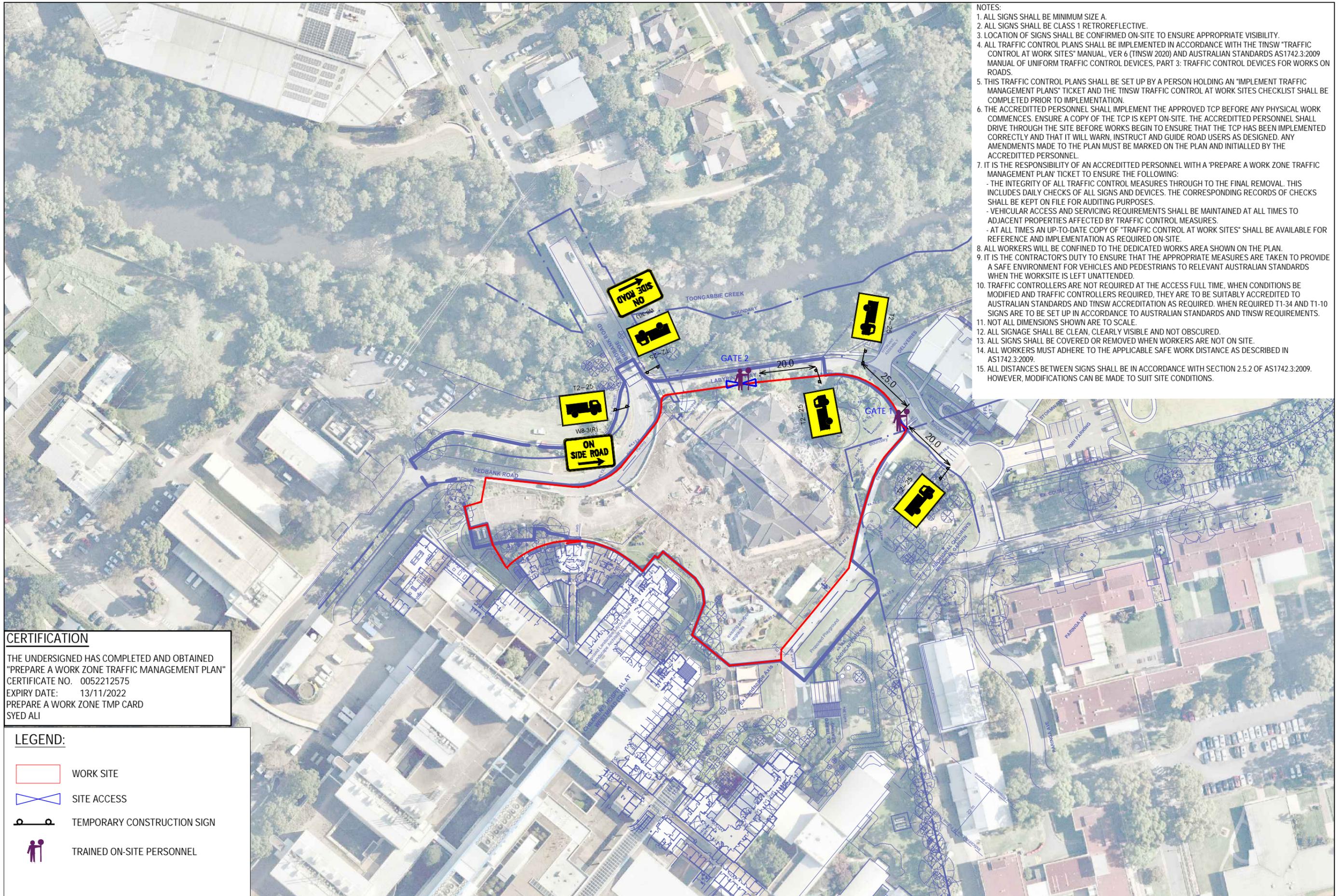
The Children's Hospital at Westmead Multi-storey Carpark
 Swept Path Assessments
 Truck Access for Heavy Rigid Vehicles
 DRAWING REF NO. TCP 220305
 ISSUE DATE 18 March 2022

DESIGNED BY S.A. REVIEWED BY M.K.

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Appendix G Traffic Guidance Schemes



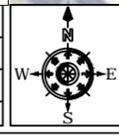
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 EXPIRY DATE: 13/11/2022
 PREPARE A WORK ZONE TMP CARD
 SYED ALI

- LEGEND:**
- WORK SITE
 - SITE ACCESS
 - TEMPORARY CONSTRUCTION SIGN
 - TRAINED ON-SITE PERSONNEL

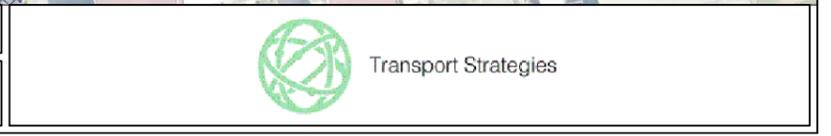
MARK	REVISION	DATE

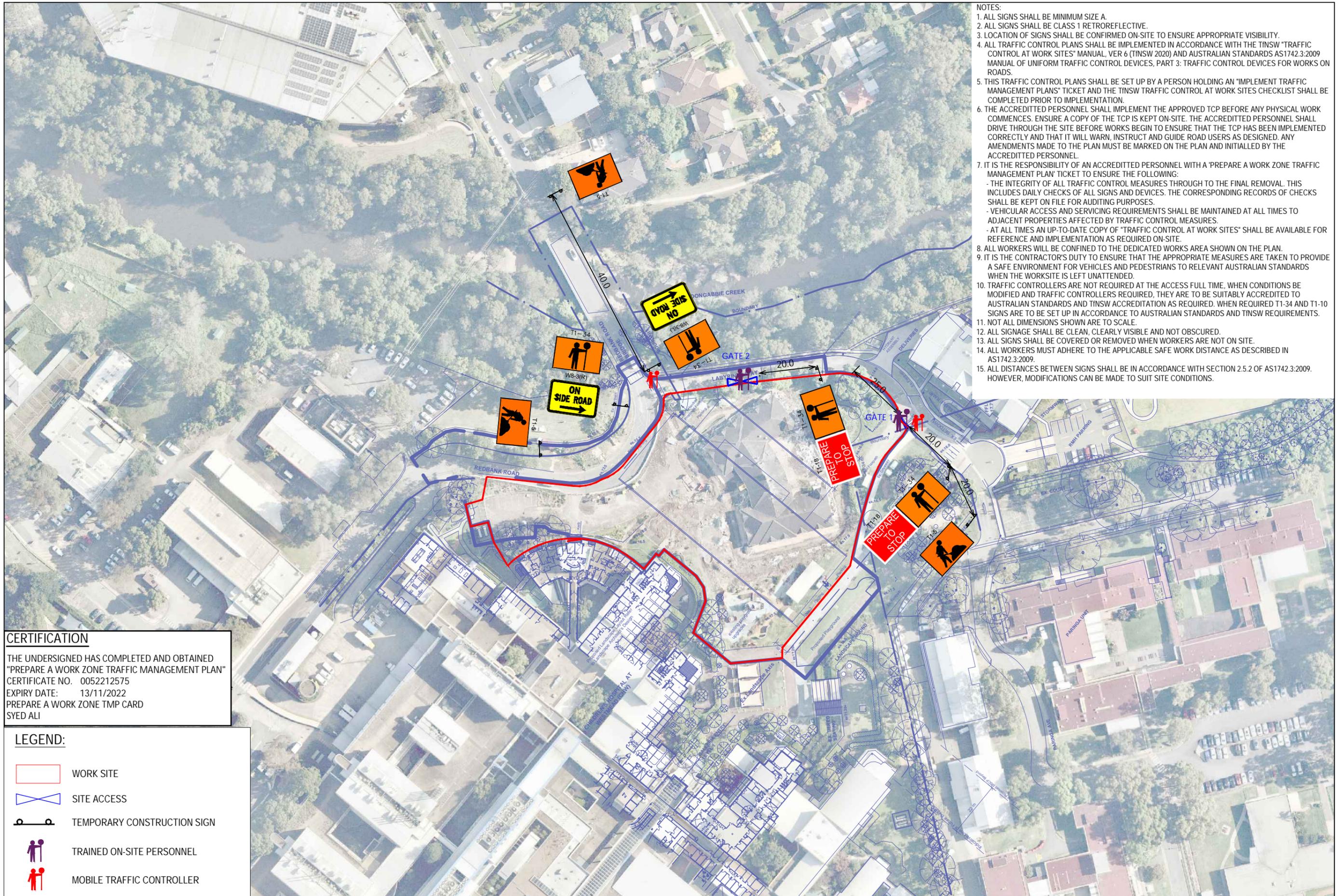


The Children's Hospital at Westmead Multi-storey Carpark
 Traffic Control Plan
 Truck Access for Small Rigid Vehicles
 DRAWING REF NO. TCP 220305
 ISSUE DATE 18 March 2022

DESIGNED BY S.A
 REVIEWED BY M.K

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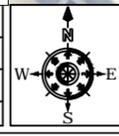
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 - SITE ACCESS
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 - TRAINED ON-SITE PERSONNEL
 - MOBILE TRAFFIC CONTROLLER

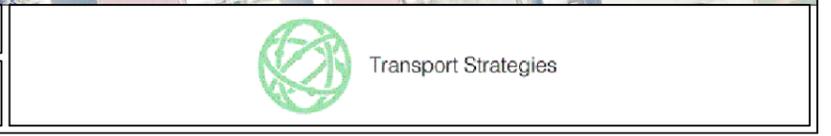
MARK	REVISION	DATE

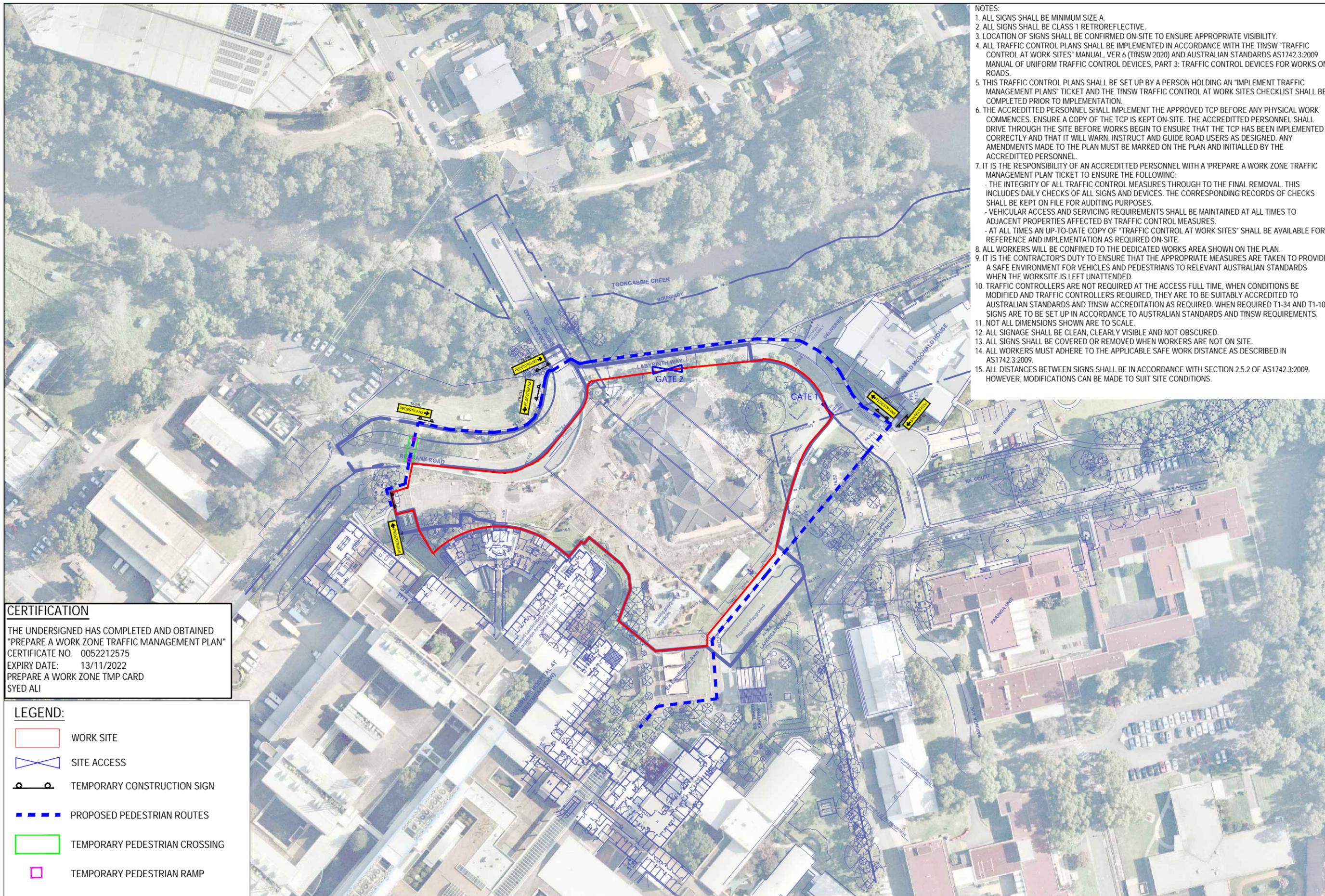


The Children's Hospital at Westmead Multi-storey Carpark
 Traffic Control Plan
 Truck Access for Vehicles longer than Medium Rigid Vehicles
 DRAWING REF NO. TCP 220305
 ISSUE DATE 18 March 2022

DESIGNED BY S.A
 REVIEWED BY M.K

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 NTS





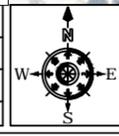
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 - SITE ACCESS
 - TEMPORARY CONSTRUCTION SIGN
 - PROPOSED PEDESTRIAN ROUTES
 - TEMPORARY PEDESTRIAN CROSSING
 - TEMPORARY PEDESTRIAN RAMP

MARK	REVISION	DATE



The Children's Hospital at Westmead Multi-storey Carpark
 Traffic Control Plan
 Pedestrian Detour
 DRAWING REF NO. TCP 220305
 ISSUE DATE 18 March 2022

DESIGNED BY S.A. REVIEWED BY M.K.
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EMAIL: info@myttps.com