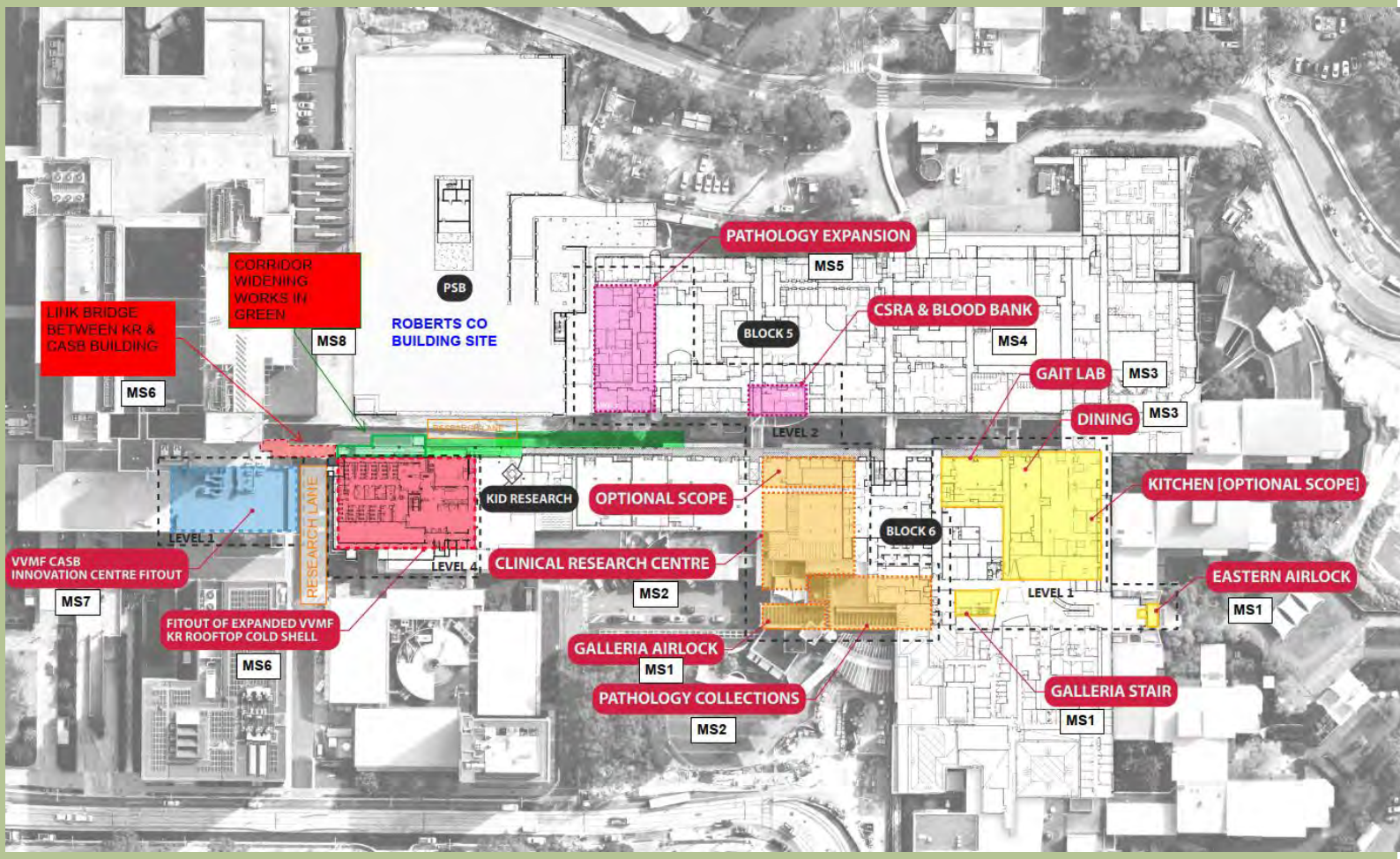
The Children's Hospital at Westmead

Stage 2 and ViralVector Manufacturing Facility – Refurbishment Works

Construction Traffic Management Plan



Client Name: Kane Constructions

Reference: 23030

Issue: Draft B

Transport Strategies

Contents

Transport Strategies

Document Control

Reference	23030	
Issue	Draft B	18/02/2023
Client Name	Kane Constructions	

Revision Register

Issue	Date	Description	Prepared By	Signed
Draft A	18/02/2023	Draft CTMP	M.R, Q.A	M.K
Draft B	18/02/2023	Draft CTMP with CWTS	M.R, Q.A	M.K

Transport Strategies

1.0 Introduction

1.1 Background

A Stage Significant Development Application (SSD-10349252) has been approved by Health Administration Corporation for The Children's Hospital at Westmead Stage 2 and Viral Vector Manufacturing Facility – Refurbishment Works.

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

> *B16. 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 to the satisfaction of Council's Traffic and Transport Manager and TfNSW; and*
> *(c) detail:*
>
> *(i) measures to ensure road safety and network efficiency during construction in consideration of potential impacts on general traffic, cyclists and pedestrians and bus services;*
> *(ii) measures to ensure the safety of vehicles and pedestrians accessing adjoining properties where shared vehicle and pedestrian access occurs;*
> *(iii) detail the measures that are to be implemented to minimise the impact of activities associated with the construction of the development the subject of this consent onthe Parramatta Light Rail (PLR) Project, in liaison with PLR's Construction Contractor and/or Operator;*
> *(iv) construction and heavy vehicle routes, access and parking arrangements;*
> *(v) the swept path of the longest construction vehicle entering and exiting the site in association with the new work, as well as manoeuvrability through the site, in accordance with the latest version of AS 2890.2;*
> *(vi) arrangements to ensure that construction vehicles enter and leave the site in a forward direction unless in specific exceptional*

circumstances under the supervision of accredited traffic controller(s);
(vii) details of crane arrangements including location of any crane(s) and crane movement Plan; and
(viii) detail measures to minimise cumulative construction impacts on surrounding road networks, identifying the duration of impacts.

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

Consent Satisfaction Table Condition		
Condition	Requirements	Document reference
B16	*B16. 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);	Section 1.1 (pg. 3)
	(b) be prepared to the satisfaction of Council's Traffic and Transport Manager and TfNSW; and	Section 4.13 (pg. 28)
	(c) detail:	
	(i) measures to ensure road safety and network efficiency during construction in consideration of potential impacts on general traffic, cyclists and pedestrians and bus services;	Sections 4.13 (pg. 28), 5.2 and 5.3 (pg. 29)
	(ii) measures to ensure the safety of vehicles and pedestrians accessing adjoining properties where shared vehicle and pedestrian access occurs;	Sections 5.5 and 5.7 (pg. 30)
	(iii) detail the measures that are to be implemented to minimise the impact of activities associated with the construction of the development the subject of this consent on the Parramatta Light Rail (PLR) Project, in liaison with PLR's Construction Contractor	Sections 3.10 (pg. 20) and 3.11 (pg. 21)

	and/or Operator;	
	(iv) construction and heavy vehicle routes, access and parking arrangements;	Sections 4.1 and 4.3 (pg. 22-24)
	(v) the swept path of the longest construction vehicle entering and exiting the site in association with the new work, as well as manoeuvrability through the site, in accordance with the latest version of AS 2890.2;	Appendix F
	(vi) arrangements to ensure that construction vehicles enter and leave the site in a forward direction unless in specific exceptional circumstances under the supervision of accredited traffic controller(s);	Section 4.1 (pg. 23)
	(vii) details of crane arrangements including location of any crane(s) and crane movement plan; and	Section 3.5 (pg. 19)
	(viii) detail measures to minimise cumulative construction impacts on surrounding road networks, identifying the duration of impacts.	Section 5.0 (pg. 30-31)

This Plan has been prepared by a suitably qualified and experienced civil (traffic) engineer with 15 years of professional experience and holds the SafeWork NSW Prepare a Work Zone Traffic Management Plan accreditation, detailed as follows:

Siew Hwee Kong - card no. TCT1030659

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 proposal 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 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 (including amendments in November 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.

2.0 Existing and Future Transport Conditions

2.1 Existing Site

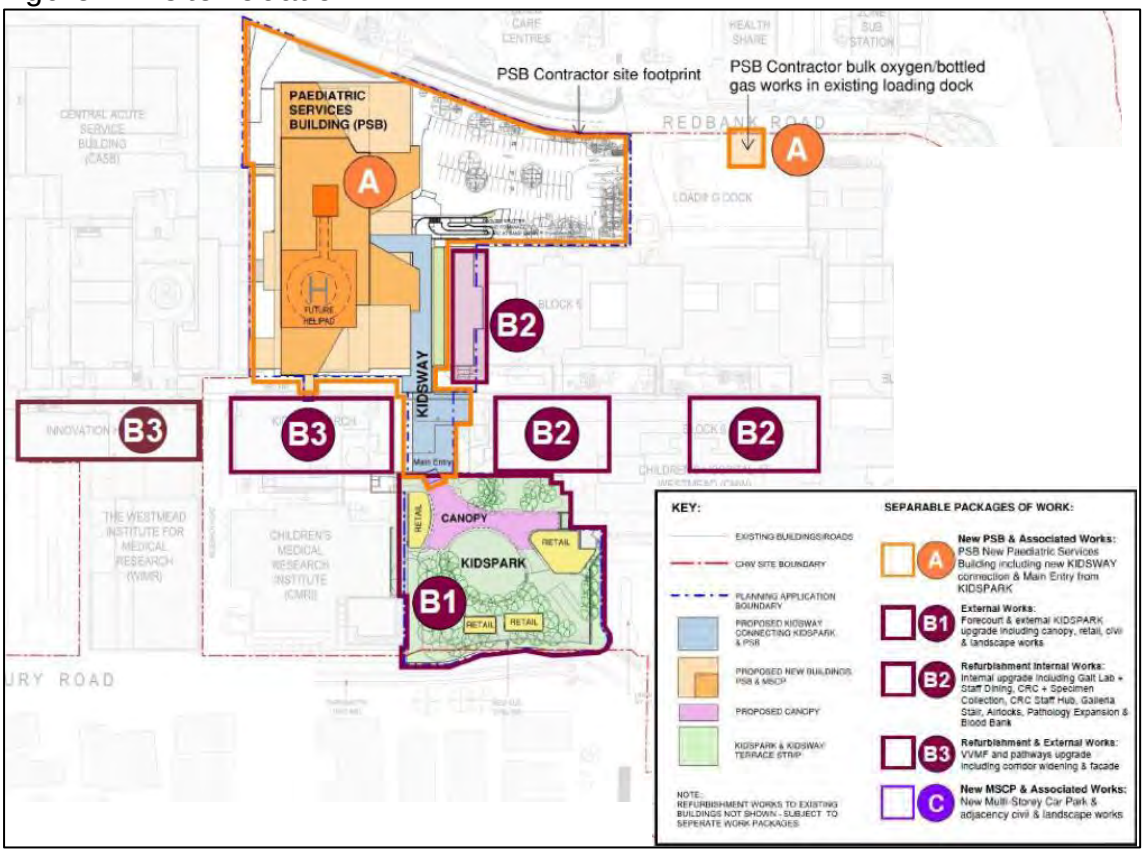
The site is Lot 101 in Deposited Plan 1119583 (178 Hawkesbury Road, Westmead) and Lot 1 in Deposited Plan (DP) 1194390 (166-174 Hawkesbury Road, Westmead).

The proposed works will be within the:

- existing CHW building
- KR building
- IC located on Level 1 of the CASB.
- Innovation Centre (IC) located on Level 1 of the Central Acute Services Building (CASB) at Westmead Hospital

The location of the subject site is shown in Figure 2.1.

Figure 2.1: Site Location



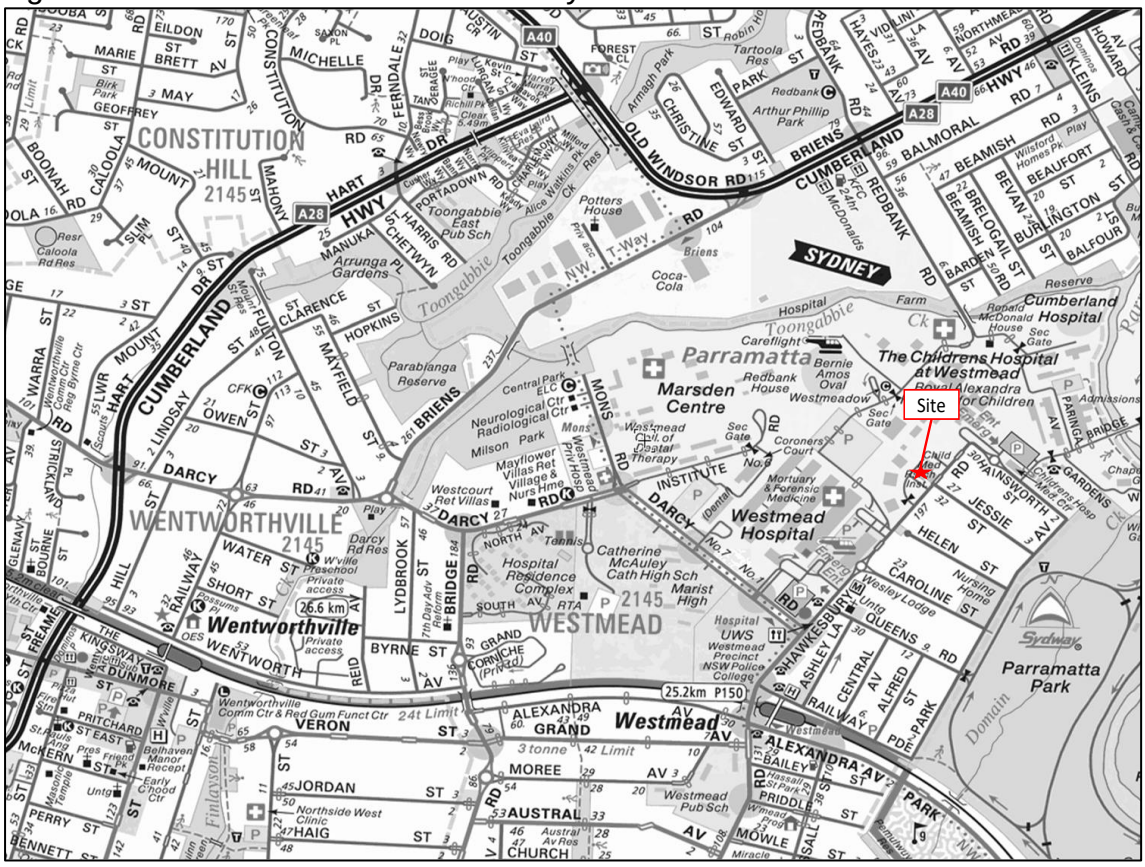
2.2 Existing Road Network

The surrounding road network includes:

- Darcy Road – a major collector road and Regional Road connecting 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 1 southbound lane and accommodates the light rail alignment in the centre.

The surrounding road network is shown in Figure 2.2.

Figure 2.2: Road Network in the vicinity of Site



2.3 Traffic Conditions

Based on site observation, there are peak-hour congestions along Hawkesbury Road. Notwithstanding the above, it has been observed there are ample gaps in the Hawkesbury Road traffic flow to allow safe ingress

and egress of construction-related traffic onto and out of Research Lane.

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.

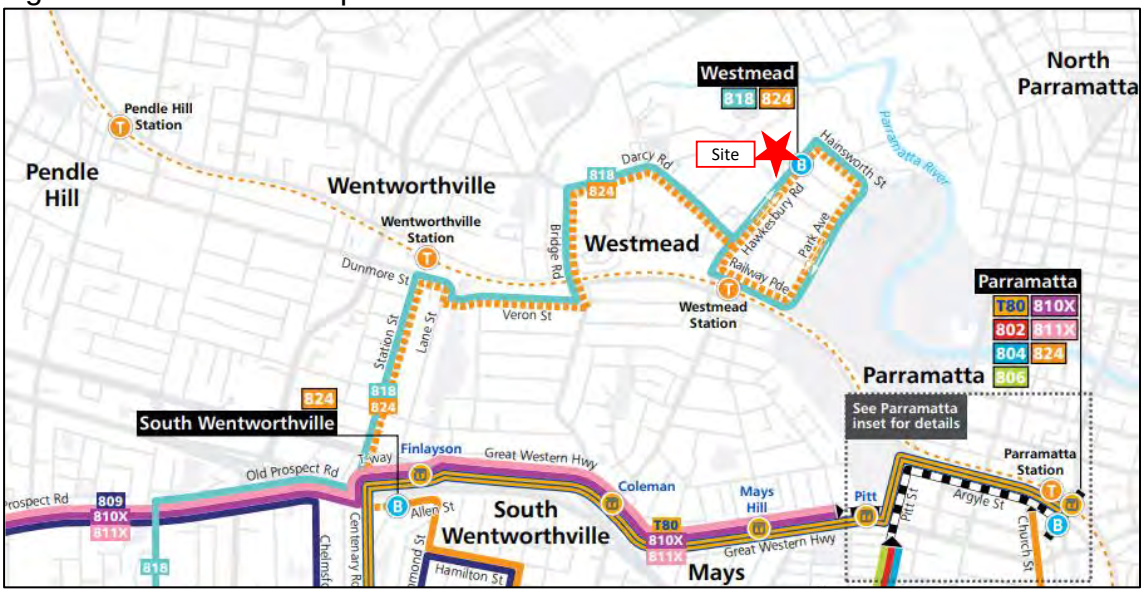
Bus

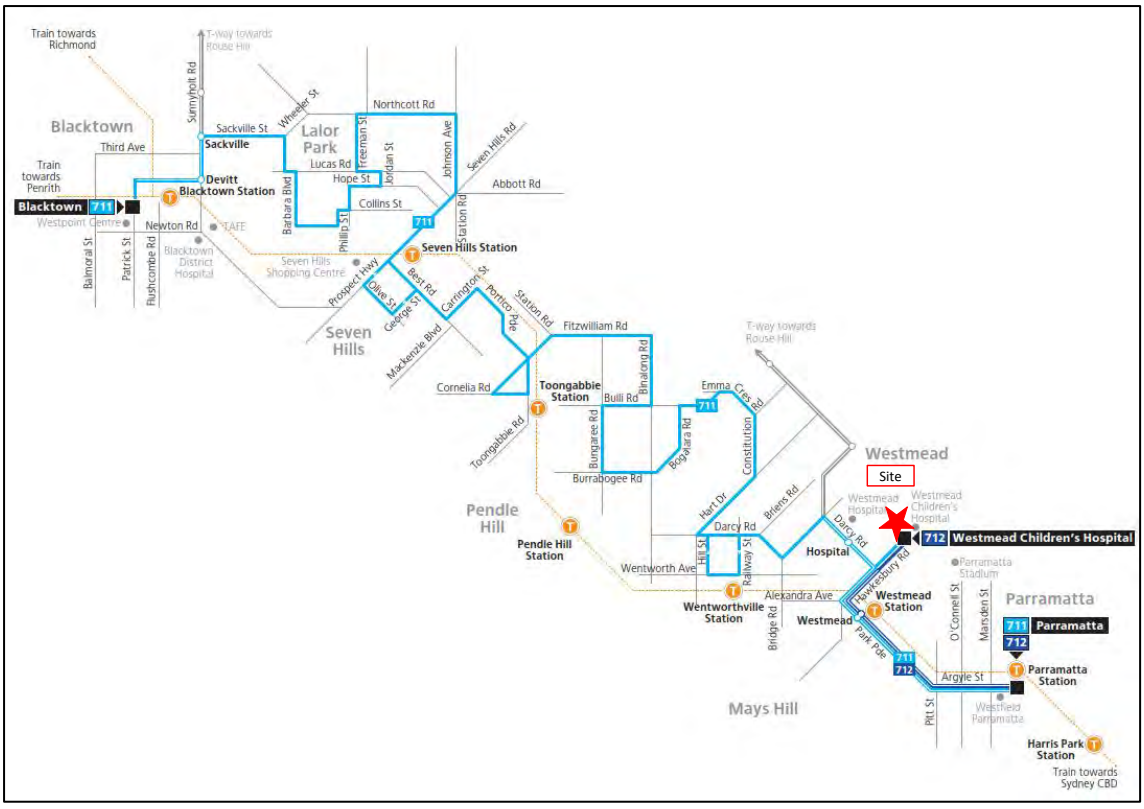
The nearest bus stop to/from the site is located on Hawkesbury Road north of Jessie Street and is within a 2-minute 150-metre) walk of the site. The stop is serviced by the following bus routes:

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 2.3.

Figure 2.3: Public Transport





The site is also served by a comprehensive network of bus services with 600m of the site. The bus routes servicing the site vicinity include:

- Westmead Hospital, North West Twy along Darcy Road (southbound):

660, 661, 662, 663, 664, 665, 705, 708, 711, 818, 824
- Westmead Hospital, North West Twy along Darcy Road (northbound): 660, 661, 662, 663, 664, 665
- Darcy Road after Hawkesbury Road along Darcy Road (northbound): 705, 708, 711, 818, 824

Bus Route	Details
660	Castlewood 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
818	Westmead Hospitals to Merrylands
824	Westmead Hospitals to Parramatta via South Wentworthville

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

2.5 Walking Facilities

There are currently footpaths on:

- Both sides of Hawkesbury Drive
- The southern side of Research Lane

Signalised pedestrian crossings are provided along Hawkesbury Road and Hainsworth Street in the vicinity of the site, as shown in Figure 2.4.

Figure 2.4: Signalised pedestrian

2.6 Cycling Facilities

There are currently on-road bicycle routes along Hawkesbury Road in the vicinity of the site, as shown in Figure 2.5 and Figure 2.6.

Figure 2.5: Cycle Routes

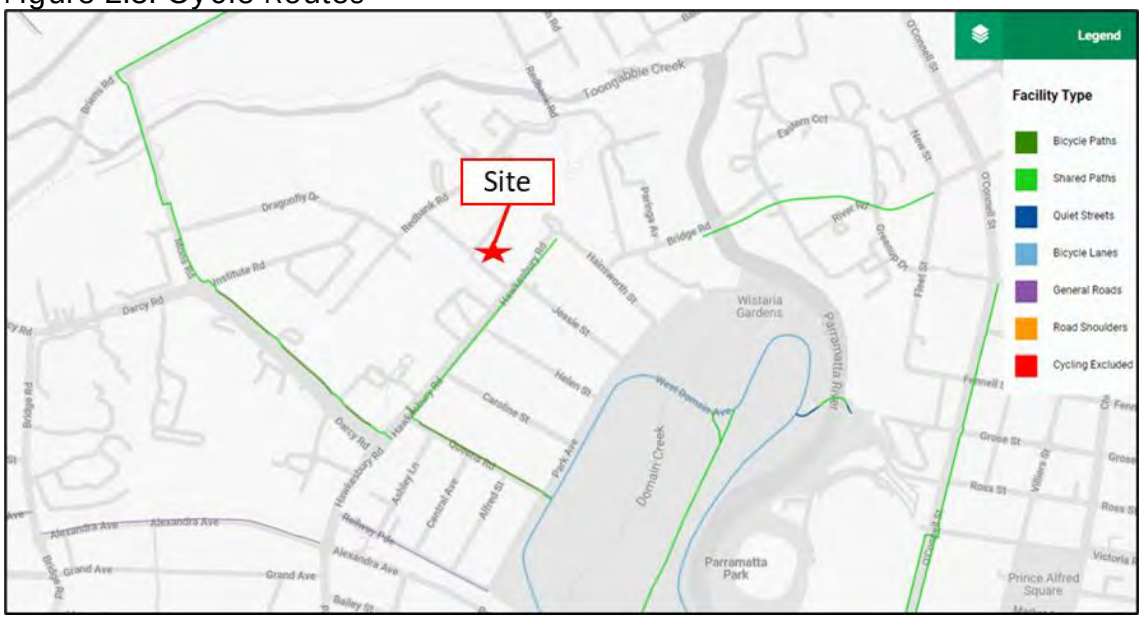


Figure 2.6: On-Road Bicycle Routes along Hawkesbury Road

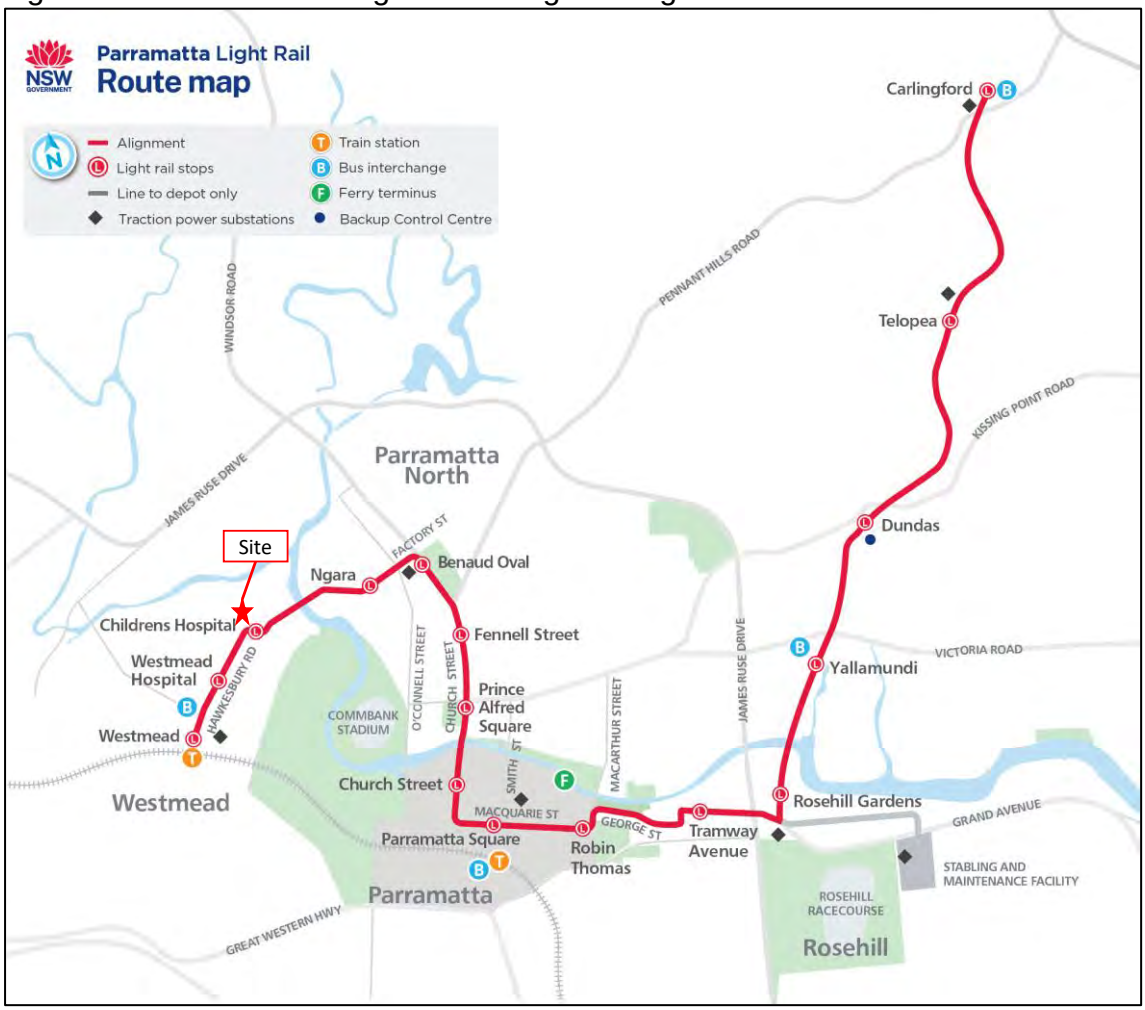
2.7 Parramatta Light Rail

The Parramatta Light Rail Stage 1 will connect Westmead to Carlingford via Parramatta CBD and Camellia. The route will ink Parramatta's CBD and train

station to the Westmead Precinct. The nearest station will be the Children's Hospital at Westmead Station, located 300m from the site (see Figure 2.7 and Figure 2.8). The Parramatta Light Rail, from Westmead to Carlingford, is expected to open in 2023.

Figure 2.7: Parramatta Light Rail

Figure 2.9: Parramatta Light Rail Stage 1 Alignment



3.0 Approved Works and Proposed Construction Scheme

3.1 Approved Works

The scope of approved works (see Figure 3.1):

- Internal refurbishment and fit-out works within the existing Children's Hospital building, including;
  - Kid's Pathology refurbishment and fit-out of a cold shell;
  - Gait Lab fit-out;
  - Clinical Research Centre fit-out; and
  - Galleria upgrade works
- Stage 2a and Stage 2b comprise the extension of the existing Kids Research (KR) building by one storey to accommodate the construction of the new Viral Vector Manufacturing Facility (VVMF) and fit-out works of the extension.
- Internal refurbishment and fit-out works within the Central Acute Services Building (CASB) Innovation Centre (IC) to accommodate the new VVMF.
- Corridor Works include widening the existing CHW corridors and connecting floors at the interface of the Paediatric Services Building (PSB), KR building and CASB to accommodate patient transfer, logistics movement, staff and pedestrian loads.

Figure 3.1: Approved Works

The details of approved construction areas are shown in Appendix C.

3.3 Construction Stages and Program

The construction will commence upon approval from stakeholders based on the following indicative program:

Milestone	Works	Indicative Start Date	Indicative End Date
1	Pathway Upgrades	13/07/23	15/11/23
2	Clinical Research Centre (Upgrade/Refurb)	25/05/23	29/11/23
3	Gait Lab/Dining (Upgrade/Refurb)	17/05/23	14/02/24
4	Central Specimen Reception Area (Upgrade/Refurb)	16/12/23	27/03/24
5	Fitout Of Kids Pathology	7/06/23	8/02/24
6	Out and VVMF KR Roof expansion	29/06/23	10/05/24
7	VVMF CASB Innovation Centre Fitout	31/01/23	23/11/2023
8	Corridor Widening	16/6/23	1/02/4

3.2 Construction Hours

Construction, including the delivery of materials to and from the site, may only be carried out between the following hours:

(a) between 7am and 6pm, Mondays to Fridays inclusive; and
(b) between 8am and 1pm, Saturdays.

No work may be carried out on Sundays or public holidays.

Notwithstanding the above hours, provided noise levels do not exceed the existing background noise level plus 5dB, works may also be undertaken during the following hours:

(a) between 6pm and 7pm, Mondays to Fridays inclusive; and
(b) between 1pm and 5pm, Saturdays.

Construction activities may be undertaken outside of the aforementioned hours required:

(a) by the Police or a public authority for the delivery of vehicles, plant or materials; or

(b) in an emergency to avoid the loss of life, damage to property or to prevent environmental harm; or
(c) where the works are inaudible at the nearest sensitive receivers; or
(d) 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; or
(e) where a variation is approved in advance in writing by the Planning Secretary or her nominee if appropriate justification is provided for the works.

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

Rock breaking, rock hammering, sheet piling, pile driving and similar activities may only be carried out between the following hours:

(a) 9am to 12pm, Monday to Friday;
(b) 2pm to 5pm Monday to Friday; and
(c) 9am to 12pm, Saturday.

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.

3.3 Construction Workers Parking

It is anticipated that there will be an average of 17 workers and a maximum of 51 workers on-site during the construction stages.

No construction worker parking will be established within the site.

The workers will be instructed not to utilise the hospital's staff 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 within 400m walking distance from the site (see Figure 3.2):

- Westmead Children's Hospital Car Park at Hawkesbury Road (approx. 400 spaces)
- Westmead Hospital - P4 at Hawkesbury Road (360 spaces)

Figure 3.2: Designated Off-Street Parking Area

3.4 On-Street Works Zone

On-street works zones 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.

3.5 Cranage and Materials Handling

No tower crane would be required for construction-related works for materials handling within the on-site material handling zone.

All materials will be loaded/unloaded directly to/from trucks using mobile cranes, forklifts or trolleys.

Specific areas will be available for loading/unloading, materials handling and storage, worker sheds, etc.

All materials will be stored on the site, with all demolished materials removed from the site.

3.6 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.

3.10 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 is ongoing, with the construction expected to be completed 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 in Figure 3.3.

Figure 3.3: Construction vehicle routes for Sydney Metro West

3.7 Consultation, Communication and Liaison

This Plan will be prepared in consultation with the City of Parramatta and TfNSW. See Appendix E.

In addition to Council and TfNSW, KANE will continue to liaise/coordinate with the following 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 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 inquiries 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.

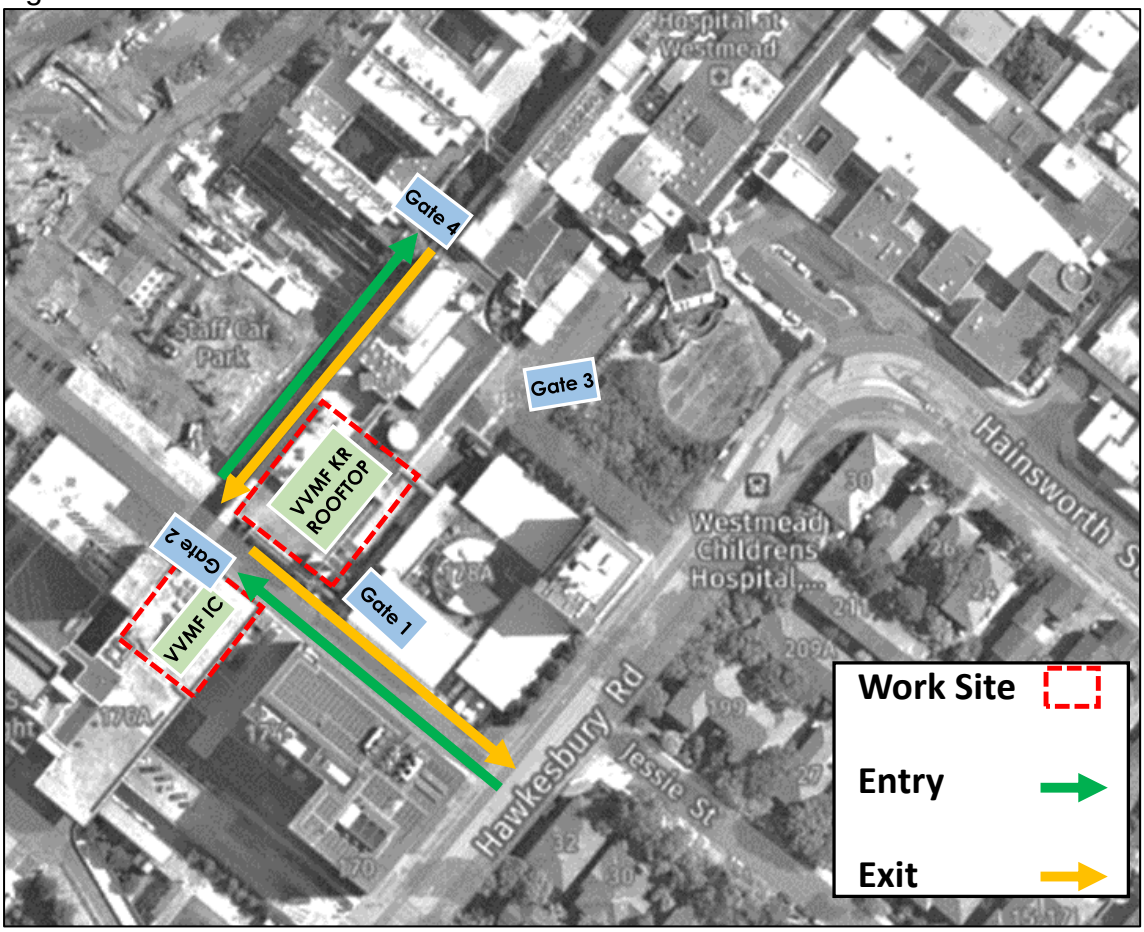
With the above measures, it is not expected that this level of traffic movement would create any adverse impact on the surrounding road network.

4.0 Traffic Management Plan

4.1 Construction Site Access

Truck access to the construction site is proposed via 3 gates (Gates 1, 2 and 4) off Research Lane. Separate access off Hawkesbury Road is also provided for B99 vehicles/utes/vans via Gate 3. These accesses are shown in Figure 4.1.

Figure 4.1: Site accesses



All vehicles will enter left-in from Hawkesbury Road (south) and exit right-out onto Hawkesbury Road (south).

Sufficient manoeuvring area will be provided on-site and on Research Lane to ensure construction vehicles can enter and exit in a forward direction via Hawkesbury Road for up to 12.5m heavy rigid vehicles.

A 14m semi will reverse into Research Lane from Hawkesbury Road on arrival

and depart onto Hawkesbury Road in a forward direction on departure under the management of traffic controllers.

Swept path analysis was completed for an 8.8m MRV, a 12.5m HRV and a 14m AV 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 security-controlled gates on Research Lane. 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, where required, which is comprised of A-Class hoarding. Trained on-site personnel will be present at the site access to manage pedestrian movements and assist with vehicle ingress and egress.

4.3 Construction Traffic Haulage Route

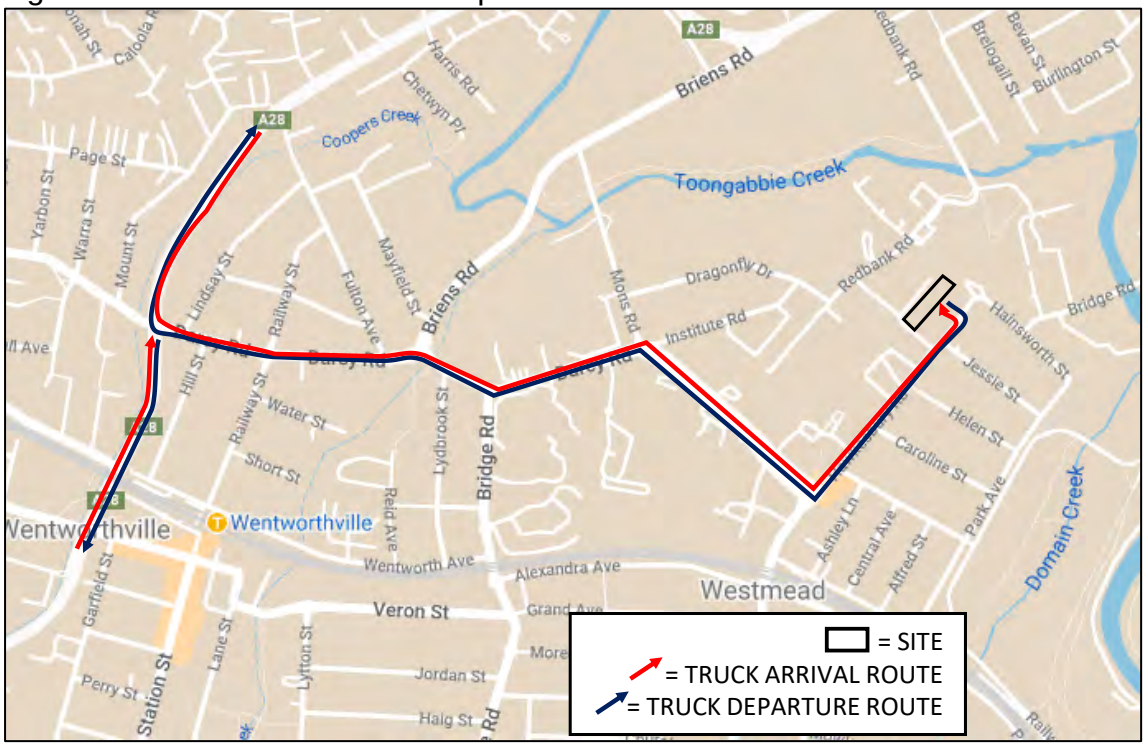
Generally, construction vehicles will have origins and destinations from a wide variety of locations throughout Sydney. However, all construction vehicles will be restricted to the State and Regional Road network.

Dedicated construction vehicle routes (including vehicles associated with spoil removal, material delivery and machine floatage) have been developed with the aim of providing 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 Hawkesbury Road as much as possible, with access to/from Cumberland Highway and Darcy Road, as illustrated in Figure 4.1.

Figure 4.1: Truck arrival and departure routes



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, when possible.

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 likelihood of construction vehicles queuing and waiting along Hawkesbury Road and Research Lane to enter the site, causing delays on surrounding roads.

4.4 Driver Code of Conduct

Impacts of 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 appreciates 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 from depositing onto the roadway during travel to and from the site.

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 deposited 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 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 are 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 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.

4.6 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	12.5m
Articulated Vehicle (AV)	Major Deliveries	14m
Small utility vehicle/Van	Tradesperson	5.2m

4.7 Number of Construction Vehicles

The construction vehicle estimates during the construction activities would be:

- Average daily truck: 8
- Maximum daily truck: 15

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

4.8 Site Hoarding

Kane is responsible for protecting the construction site with A-Class hoarding and a restricted pedestrian access gate. 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:

Whittaker Downey
Cadet Engineer
Email: wdowney@kane.com.au
Mobile: 0413 485 571

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 detailed information for worksite operations contained in the Traffic Control at Work Sites Technical Manual Version 6.1, dated February 2022 (including November 2022 Amendments). 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 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 Research Lane and Hawkesbury Road 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, 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.

5.0 Impacts

5.1 Impact of Construction Traffic

Truck volumes would be in the order of up to 15 vehicles (30 movements) per day, which would occur outside of peak traffic periods - AM (7.00 am-9.30 am) and PM (2.30 pm-5.30pm), when possible to minimise traffic (pedestrian, bus and traffic flows) impacts and associated road network delays.

Construction truck drivers will be reminded that there should be no idling on and the use of Research Lane and Hawkesbury Road as a TMA.

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

5.2 Impact on Parking

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

5.3 Impact on Public Transport Services

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 15 trucks per day would be adverse to the efficiency of the existing bus services.

5.4 Impact on Pedestrians/Cyclists

During construction, pedestrian/cyclist movements along Hawkesbury Road and Research Lane will be maintained at all times.

A-Class hoarding would be erected around the perimeter of the construction area. Trained personnel will be made available as needed during construction hours to manage construction vehicle entry and exit and pedestrian/cyclist movements at the site access, noting that pedestrian priority would be given.

Notwithstanding, all construction-related traffic movements in and out of the site will occur under the supervision of trained on-site personnel, with reversing trucks escorted by a traffic controller along Research Lane.

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

5.5 Impact on Traffic Movements in Adjoining Council Areas

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

5.6 Impact on 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 Hawkesbury Road and Research Lane.

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 Impact on Neighbouring Properties

Access to neighbouring properties will be maintained at all times. Workers/ subcontractors will be directed not to park their vehicles in the driveways of the neighbouring properties.

This will be incorporated into the site induction program. KANE would take appropriate action if informed of this activity occurring.

Appendix A
Existing Train Services

Sydney rail network

NSW GOVERNMENT | Transport

M Metro T Trains

Sydney metro and train lines

- **M** *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

Stop | Interchange | Interchange | End of line

Line under construction

NORTH

Check timetables and trip planners for train services and connections

Visit **transportnsw.info**

1909TMS-E-MWT-A4P-WCAG

Parramatta, Fairfield & Liverpool region network effective 18 April 2021

B

St Marys & WSU Penrith inset

Kingswood Station
Kingswood
835
Second Ave
Burgelly Rd
O'Connell St
Great Western Hwy
Kingswood
Werrington Station
Werrington
Claremont Meadows
Caddens
St Marys Station
Station St
Charles Hackett Dr
Queen St
Glossop St
St Marys
North St Marys
Oxley Park
Bennett Rd
Colyton
Whalan
Mount Druitt Station
Mount Druitt
Plumpton
Rooty Hill
Rooty Hill Station
Minchinbury
Orchard Hills
St Clair
Erskine Park Rd
Erskine Park
Lenore Dr
Old Wallgrove Rd
Eastern Creek
Continues on main map

Merrylands inset

Treves St
McFarlane St
Merrylands Rd
Addlestone Rd
Pitt St
Terminal Pl
Neil St
Merrylands Station
Merrylands
809 818 822
810X 820

Fairfield inset

Smart St
Nelson St
The Hexagon Dr
Court Rd
The Crescent
Hamilton Rd
Fairfield Station
800 813
808 814
817
Fairfield

Parramatta inset

Parramatta
T80 810X
802 811X
804 824
806
Pitt St
Argyle St
Great Western Hwy
Church St
Parramatta Station
Pitt
T80 810X 811X

Cecil Park & Badgerys Creek inset

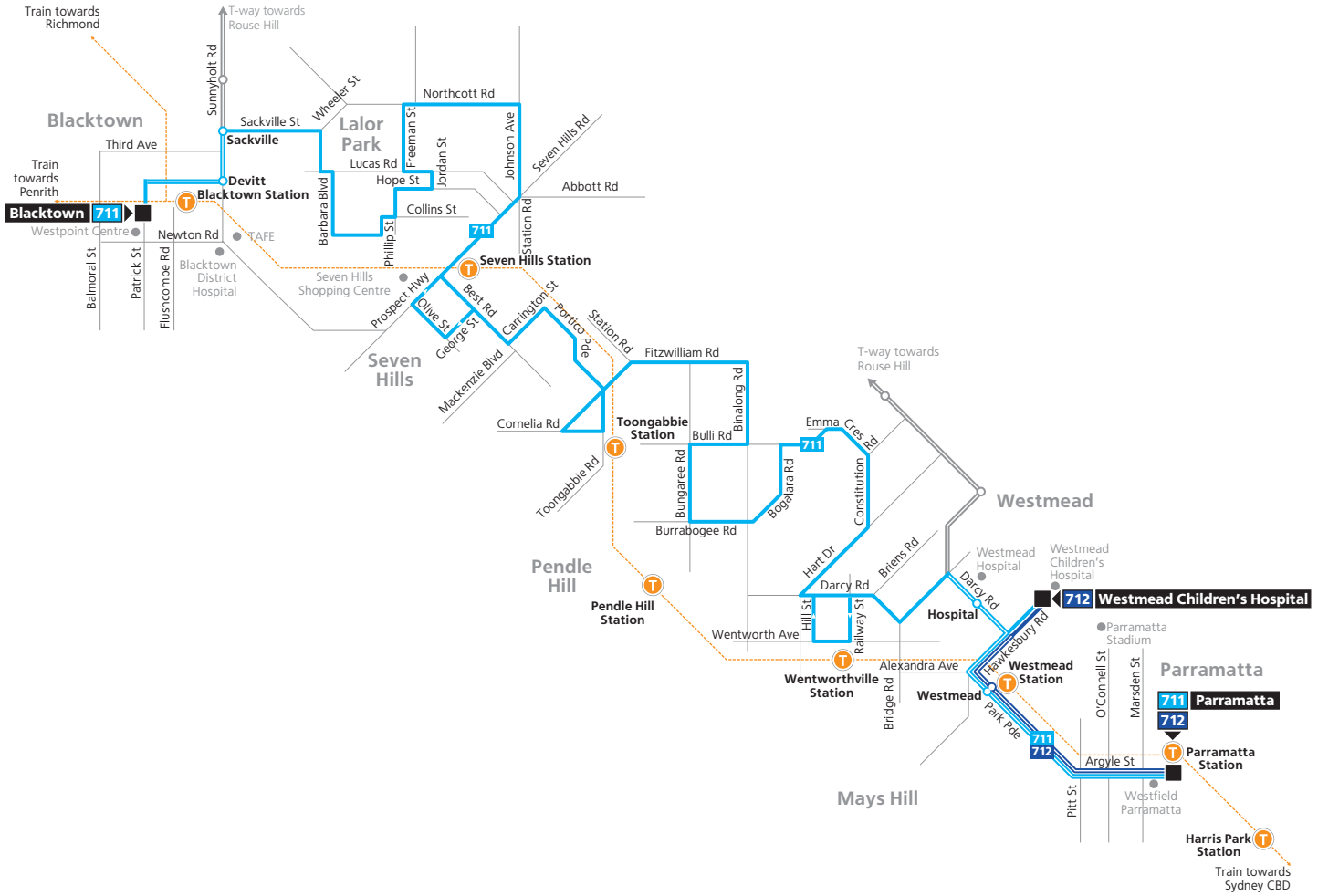
Horsley Park
Burley Rd
Delawarre Rd
Acuna Rd
Horsley Rd
Garfield Rd
Carroll Hill Dr
Mount Vernon
Mount Vernon Rd
Jersey Rd
Mamre Rd
Swick Ave
Cecil Park
Elizabeth Dr
Badgerys Creek Rd
Badgerys Creek
Western Rd
Kemps Creek
Devonshire Rd
Watts Rd
Herbert St
Lee & Clark Rd
Continues on main map

Continues on St Marys & WSU Penrith inset

Continues on Cecil Park & Badgerys Creek inset

Eastern Creek
Interchange Dr
Wonderland Dr
Wallgrove Rd
Old Wallgrove Rd
835
Minchinbury
Rooty Hill
Burley Rd
Arcadia Rd
The Horsley Dr
813
Horsley Park
Western Sydney Parklands
Lizard Log
Kings Park
Marayong Station
Blacktown
800 812
Blacktown
Blacktown Station
Richmond Rd
Patrick St
Newton Rd
Main St
Blacktown Rd
Seven Hills
Seven Hills Station
Prospect
Prospect Hwy
Prospect Reservoir
Toongabbie
Toongabbie Station
Pendle Hill
Pendle Hill Station
Girraween
Pemulwuy
810X
Nijong Dr
Wombat St
Clunies Ross St
Driftway Dr
Pemulwuy
809 811X
Buru Wargun Dr
Watten Tench Pde
Gipps Rd
Greystanes
Greystanes Rd
Bathurst St
Beresford Rd
811X
Old Prospect Rd
Gore Rd
Whalans Rd
Kirkpatrick St
Merrylands Rd
Cumberland Rd
Braeside Pl
Macquarie Rd
Dahlia St
Gardenia Pde
Tulip St
Alpha Rd
Bayfield Rd
Carnation St
Darfoll St
Constitution Hill
Northmead
Wentworthville
Wentworthville Station
Dunmore St
Pitt St
Station St
Lane St
Veron St
Bridge Rd
Darcy Rd
Westmead
818 824
Westmead Station
Hawkesbury Rd
Hainsworth St
Parramatta River
Park Ave
Railway Pde
North Parramatta
Parramatta
T80 810X
802 811X
804 824
806
See Parramatta inset for details
Parramatta Station
Church St
Lansdowne St
Harris Park
Harris Park Station
Marsden St
South Wentworthville
824
Finlayson
T-way
Great Western Hwy
Old Prospect Rd
Allen St
Coleman
Mays Hill
Pitt
Mays Hill
Centenary
Richmond St
Hamilton St
Friend St
Frances St
Coleman St
Wirralee St
Boronia St
Hollywood St
Centenary Rd
Chelmsford Rd
Wakeley
Jonathan St
Rimgrove Ave
Bells Rd
Kay Rd
Irrigation Rd
Douglas St
Hilltop Rd
Holroyd
Merrylands
Merrylands West
Sherwood
Kenyons Rd
Bruce St
Duffy St
Canal
Barcom St
Woodpark
Woodpark Rd
Bristol St
Albert St
Hawksview St
Cheltenham Rd
Tower Rd
Fowler Rd
Denmark St
Myall St
Railway Tce
Military Rd
Amherst St
Elizabeth St
Bursill St
Mountford Ave
West St
Guildford Rd
Guildford
820 821
Guildford Station
Guildford West
821
McCredie Rd
Fairfield Rd
The Esplanade
Tamplin Rd
Dennistoun Ave
Carrington Rd
Byron Rd
Kay St
Henry St
Broughton St
Old Guildford
Granville
South Granville
Merrylands
809 818 822
810X 820
Merrylands Station
See Merrylands inset for details
Pendle Hill
Pendle Hill Station
Girraween
Pemulwuy
Pemulwuy
Pemulwuy Station
Greystanes
Toongabbie
Toongabbie Station
Constitution Hill
Northmead
Wentworthville
Westmead
Parramatta
Parramatta Station
South Wentworthville
Mays Hill
Harris Park
Holroyd
Merrylands
Merrylands West
Granville
Woodpark
Guildford West
Guildford
South Granville
Old Guildford
Yennora
Yennora Station
Fairfield
Fairfield East
Fairfield Heights
Fairfield West
Prairiewood
Prairiewood
Orphan School
819 835
Prairiewood
Abbotsbury
Greenfield Park
St Johns
Clear Paddock
Edensor Park
Bonnyrigg
813
Bonnyrigg Heights
Bonnyrigg
Cecil Hills
807
Cecil Hills
Elizabeth Hills
Athlone St
Lancelot St
Rosebank Ave
Gowanlea Ave
Reynolds Dr
Airfield Dr
Len Waters Estate
Green Valley
Green Valley Rd
The Valley Plaza
Lord Howe Dr
Busby
Busby Rd
Heckenberg
Heckenberg
S10
Matthew Ave
Sadleir
Sadleir Ave
Sutton Rd
Insignia St
Bodin Rd
Ashcroft
Middleton Grange
Hinchinbrook
Hinchinbrook Dr
Partridge Ave
Cartwright
Cartwright Ave
Woodcombe Ave
Miller
Miller Rd
Willandra St
Shropshire St
Cabramatta Ave
Banks Rd
Hoxton Park
West Hoxton
Carnes Hill
827
Kurrajong Rd
Carnes Hill
Prairiewood
Wetherill Park
Victoria
Victoria St
Elizabeth
Wetherill
Redfern St
Frank St
Hassall
Hassall St
Chifley St
Smithfield
821PM
821AM
Smithfield
Cooper
Summit St
Long St
Woodpark Rd
Warren
Warren Rd
Percival Rd
Stuart St
Canley Vale
Canley Vale Rd
Canley Heights
Canley Vale
Canley Vale Station
Carramar
Carramar Station
Cabramatta
Cabramatta Station
Cabramatta West
Cabramatta Rd W
McBurney Rd
Hughes St
Hill St
John St
Railway Pde
Church St
See Cabramatta inset for details
Cabramatta
805 815 817
807 816
Fairfield
Fairfield Station
See Fairfield inset for details
Fairfield
800 813
808 814
817 817
Cowpasture Rd
Elizabeth Dr
Lancaster Ave
Santanniham Dr
Windsor Rd
Feodore Dr
Spencer Rd
Frederick Rd
Northumberland St
Dowland St
Aplin Rd
Delgarno Rd
North Liverpool Rd
Capricorn Blvd
Gloucester St
Wilson Rd
Simpson Rd
Whitford Rd
Mamre Rd
Brown
Brown Rd
Green Valley
Green Valley Rd
Wetherill St
Redfern St
Gipps
Davis Rd
Newton Rd
Cowpasture Rd
Victoria St
Lizard Log
Western Sydney Parklands
813
The Horsley Dr
Horsley
Polding St
Quarry Rd
Marconi Rd
Bossley Park
Bossley Rd
Mimosa Rd
Restwell Rd
Prairie Vale Rd
Mimosa Rd
Roony Ave
Stockdale Cres
Darling St
Prairie Vale Rd
Abbotsbury
Bencubbin Cres
Bancroft Rd
Edensor Rd
Kalang Rd
Bonnymarang Rd
Bonnyrigg Ave
Tarlington Pde
Wall Pl
Newleaf Pde
Humphries Rd
Harrington St
Edensor Rd
Brisbane Rd
Melbourne Rd
St Johns Park
St Johns
Clear Paddock
Smithfield Rd
Greenfield Rd
Cheyenne Rd
Cherokee Ave
Mimosa Rd
Powhatan St
Arrowhead Rd
Sweethaven Rd
Myrtle Rd
Bulls Rd
Wakeley
King Rd
Avoca Rd
Thorney Rd
Maud St
Kalora Ave
The Boulevarde
Sackville St
Avenel St
Hamilton Rd
Frederick St
Lackey St
Hampton St
Avisford St
Station St
Cunningham St
Smart St
Court Rd
Fairfield Heights
Marlborough St
Polding St N
Yennora
Fairfield East
Prairiewood
Prairie Vale Rd
Mimosa Rd
Restwell Rd
Bossley Rd
Quarry Rd
Marconi Rd
Polding St
Shakespeare St
Wetherill St
Brenan St
Ully St
Justin St
Market St
Smithfield
Smithfield
814
Chifley St
Victoria St
The Horsley Dr
Fairfield Heights
Fairfield West
Wetherill Park
Prairiewood
Bossley Park
Abbotsbury
Hinchinbrook
Busby
Sadleir
Ashcroft
Cartwright
Liverpool
Brickmakers
Maxwells
Ash
Hoxton Park Rd
Memorial Ave
Memorial
Macquarie
Liverpool
Liverpool Station
See Liverpool inset for details
Liverpool
T80 804 819
801 805 823
802 806 827
803 808
Georges River
Mount Pritchard
Oliphant St
Townview Rd
Orange Grove Rd
Reservoir Rd
Elizabeth Dr
Heckenberg
Heckenberg Ave
Bodin Rd
Sadleir Ave
Maxwells Ave
Sinclair Rd
Sutton Rd
Insignia St
Warwick Farm
Warwick Farm Station
Lawrence Hargrave Dr
Gallop St
Nicholls St
Station Rd
Hinkler Ave
Homepride Ave
McGirr Pde
Hume Hwy
Marsden Rd
O'Brien Pde
Copeland St
Bigge St
Campbell St
Goulburn St
Lachlan St
George St
College St
Moore St
Parramatta Rd
Railway Pde
Cabramatta inset
McBurney Rd
805
817
Hughes St
Hill St
John St
807
815 816
Cabramatta Rd W
Church St
Railway Pde
Boundary Lane
805 815 817
807 816
Cabramatta
Cabramatta Station
Liverpool inset
819
801 819
Marsden Rd
Copeland St
Elizabeth Dr
Lachlan St
Bigge St
Goulburn St
Campbell St
George St
College St
Moore St
Northumberland St
Macquarie
Memorial Ave
Memorial
802 803
T-way
804 805 806 808 827
801 804 808
802 805 819
803 806 827
Liverpool
T80 804 819
801 805 823
802 806 827
803 808
Liverpool Station
Georges River
Legend
Bus Route
Diversion/Extended Route
Liverpool-Parramatta T-way
Multiple Routes on Corridor
800 Bus Route Number
Train Station
Bus Route Terminus
T-way Stop
Ferry Wharf
North
TRANSIT SYSTEMS
Cartography by transitgraphics.com.au | base map © OpenStreetMap contributors

Routes 711, 712



Legend

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

Diagrammatic Map
Not to Scale
North

NSW GOVERNMENT Transport

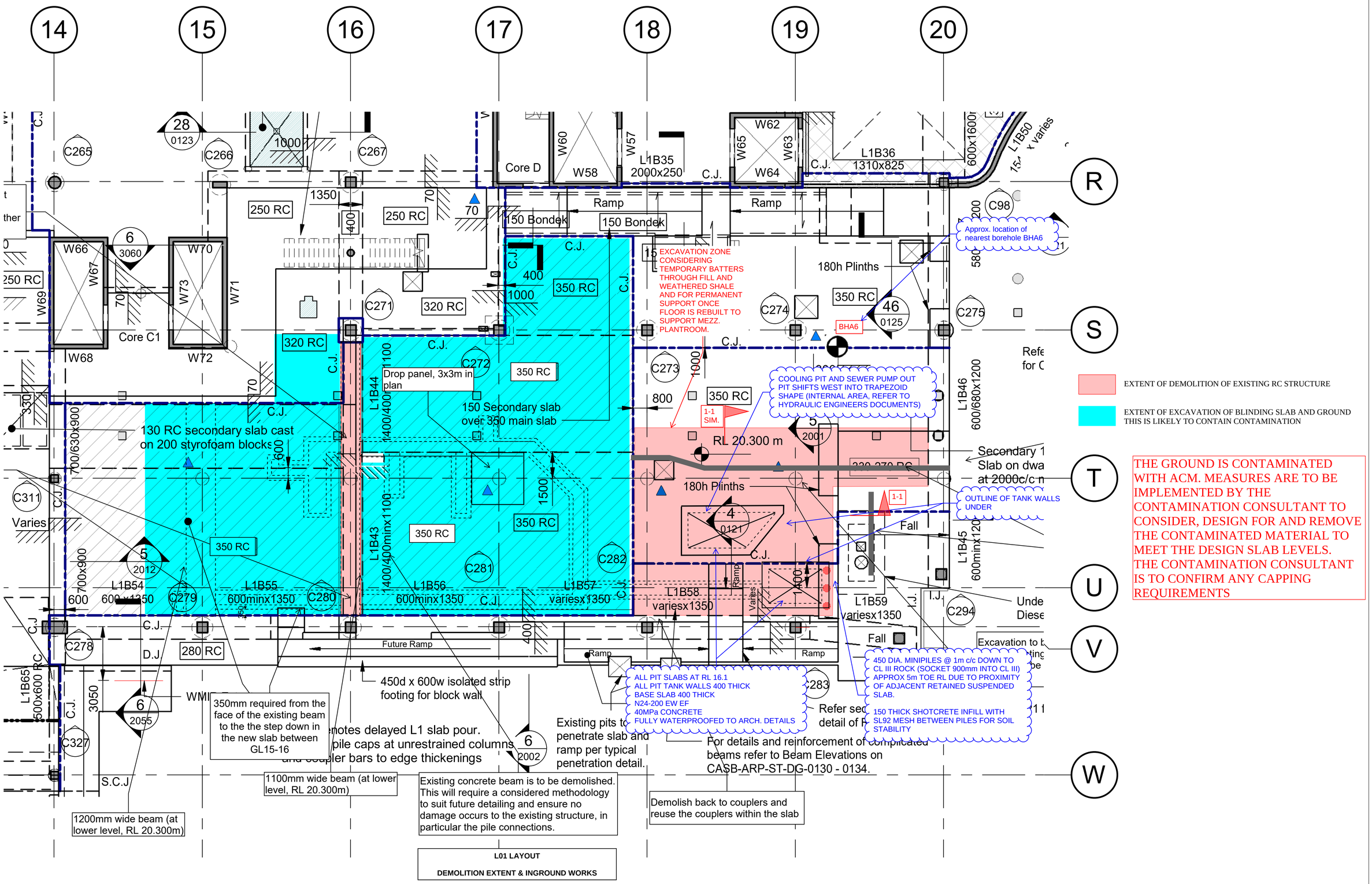
transportnsw.info

Transport Strategies

Appendix B
Existing Bus Services

Transport Strategies

Appendix C
Approved Architectural Plans



L01 LAYOUT

DEMOLITION EXTENT & INGROUND WORKS

Issue	Date	
2	28/10/2022	100% Design Development
1	21/10/2022	100% Design Development

ARUP

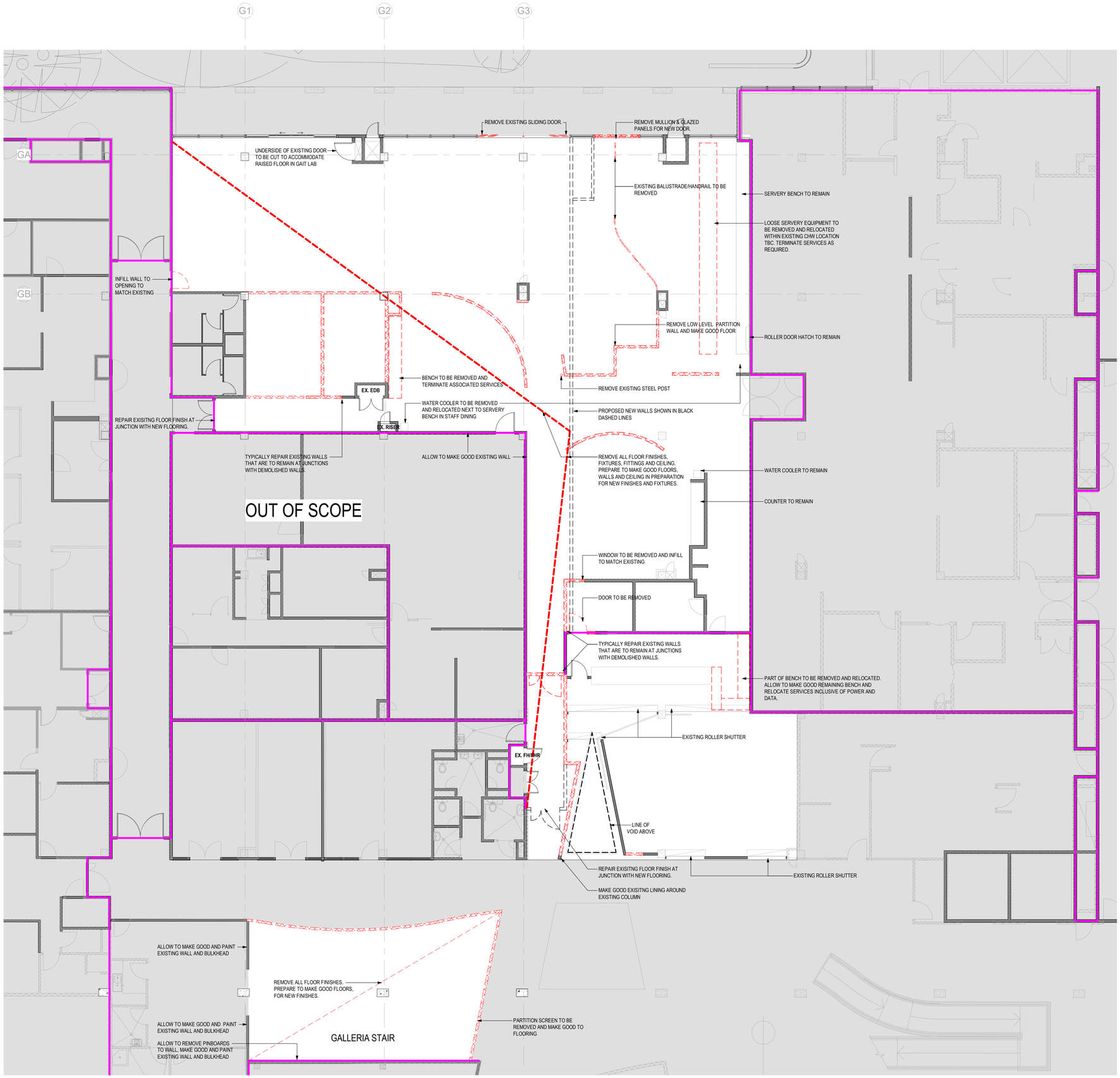
151 Clarence Street
Sydney NSW 2000
Tel +61 (2)9320 9320
www.arup.com

Client: NSW GOVERNMENT Health Infrastructure
Level 14, 77 Pacific Highway
North Sydney NSW 2060

Project Title: Viral Vector Manufacturing Facility (VVMF)

Drawing Title: L01 Demolition Extent & Inground Works

Scale at A1:
Dsg/Drw/Chkd/Ap: NM/CS/NM/NM
Role: Structural
Status: 100% Design Development
Arup Job No: 283812
Rev: 2
ID: ARP-ST-DG-1000



0 1 2 3 4 5m
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KEY:

- WALLS/DOORS TO BE DEMOLISHED
- EXISTING TO BE RETAINED
- PRESUMED EXISTING FIRE RATED WALL BASED ON ENGINEER'S DESKTOP STUDY 29/11/21 & 01/12/21 - CONTRACTORS TO VERIFY ON SITE

NOTE:
COMPLIANCE IS REQUIRED FOR ALL FIRE WALLS BOTH NEW AND EXISTING. EXISTING CONSTRUCTION AND SERVICE PENETRATIONS WILL BE REQUIRED TO BE INSPECTED TO DETERMINE COMPLIANCE. WHERE EXISTING WALLS ARE DEFICIENT, WALLS WILL BE REQUIRED TO BE UPGRADED TO ENSURE ADEQUATE FIRE (SMOKE) SEPARATION.

REV	DESCRIPTION	DATE
E	ISSUED FOR TENDER	18/02/22
D	ISSUED FOR TENDER - DRAFT	17/12/21
C	FOR INFORMATION	24/11/21
B	FOR INFORMATION	10/11/21
A	FOR INFORMATION	28/10/21

MECHANICAL / ELECTRICAL — Stantec

Stantec Australia Pty Ltd
Level 6, Bldg B,
207 Pacific Hwy
St Leonards, NSW 2065
T +61 8484 7000
enquiries.sdy@stantec.com
https://www.stantec.com

CIVIL / STRUCTURE / HYDRAULIC / FIRE — ARUP

Level 5, 151 Clarence Street
Sydney, NSW 2000
T +61 2 9320 9320
sydney@arup.com
www.arup.com

PROJECT MANAGER — PricewaterhouseCoopers

One International Towers Sydney
Watermans Quay,
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www.pwc.com.au

ARCHITECT — Billard Leece Partnership Pty Ltd
Architects & Urban Planners

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Surry Hills NSW 2010
T +61 2 8096 4066
info@blp.com.au
www.blp.com.au

CLIENT — Health Infrastructure, NSW

Level 6, 1 Reserve Road
St Leonards, NSW 2065
T +61 2 9978 5402
www.hinfra.health.nsw.gov.au

PROJECT
The Childrens Hospital at Westmead Redevelopment - Stage 2

Sheet Name
PLAN - DEMOLITION - LEVEL 01 - GAIT LAB

Scale: 1 : 100@A1		Date: 18/02/22
Drawn By: SG	Checked By: AL/AG	Revision: E
Project No: 19038		

Drawing No
CHW-AR-DG-RFB-09-01401

FOR TENDER

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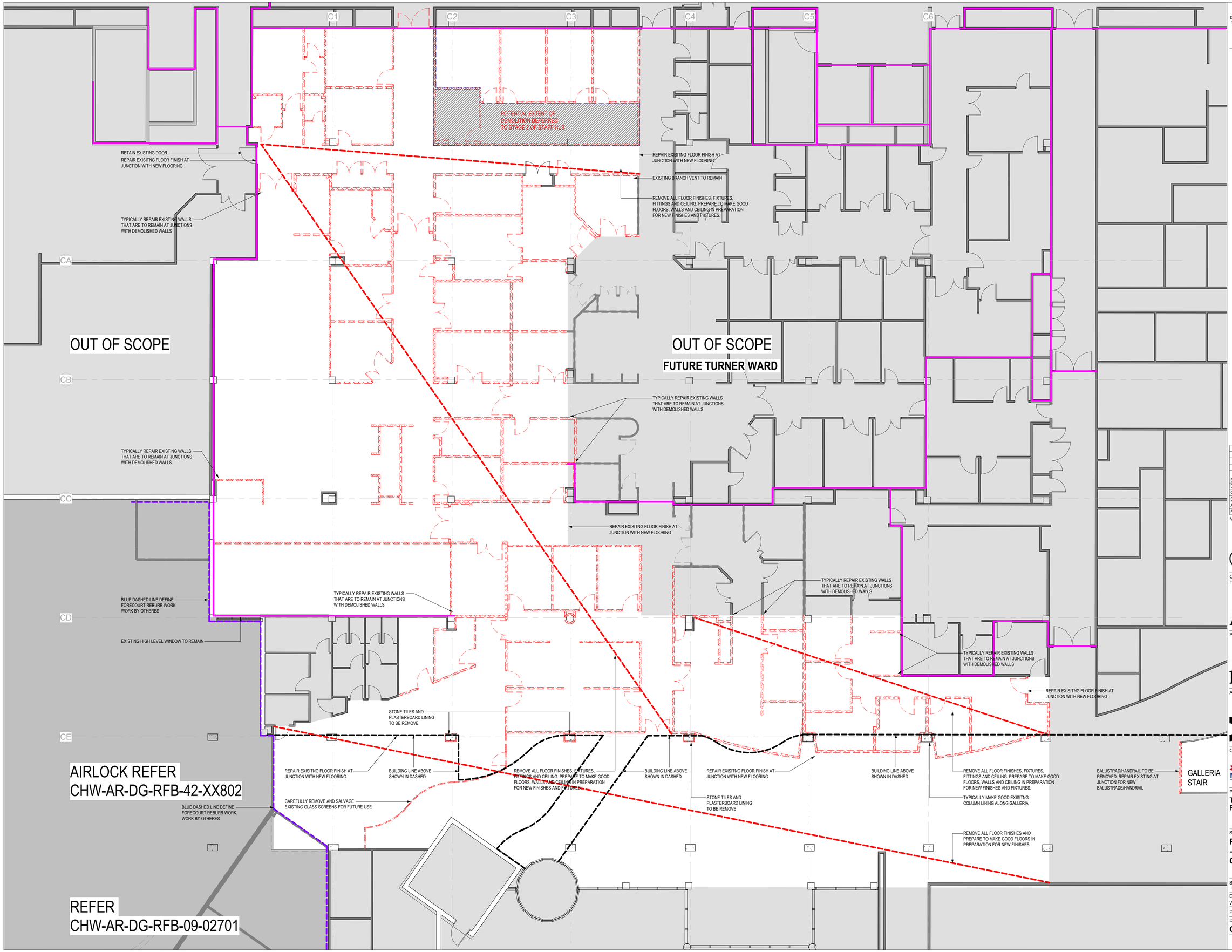

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KEY:

- WALLS/DOORS TO BE DEMOLISHED
- EXISTING TO BE RETAINED
- PRESUMED EXISTING FIRE RATED WALL BASED ON ENGINEER'S DESKTOP STUDY 29/11/21 & 01/12/21 - CONTRACTORS TO VERIFY ON SITE

NOTE:
COMPLIANCE IS REQUIRED FOR ALL FIRE WALLS BOTH NEW AND EXISTING. EXISTING CONSTRUCTION AND SERVICE PENETRATIONS WILL BE REQUIRED TO BE INSPECTED TO DETERMINE COMPLIANCE. WHERE EXISTING WALLS ARE DEFICIENT, WALLS WILL BE REQUIRED TO BE UPGRADED TO ENSURE ADEQUATE FIRE (SMOKE) SEPARATION.

REV	DESCRIPTION	DATE
E	ISSUED FOR TENDER	25/03/22
D	ISSUED FOR TENDER	18/02/22
C	ISSUED FOR TENDER - DRAFT	17/12/21
B	FOR INFORMATION	24/11/21
A	FOR INFORMATION	28/10/21

MECHANICAL / ELECTRICAL — Stantec

Stantec Australia Pty Ltd
Level 6, Bldg B,
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St Leonards, NSW 2065
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https://www.stantec.com

CIVIL / STRUCTURE / HYDRAULIC / FIRE — ARUP

Level 5, 151 Clarence Street
Sydney, NSW 2000
T +61 2 9320 9320
sydney@arup.com
www.arup.com

PROJECT MANAGER — PricewaterhouseCoopers

One International Towers Sydney
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ARCHITECT — Billard Leece Partnership Pty Ltd Architects & Urban Planners

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T +61 2 8096 4066
info@blp.com.au
www.blp.com.au

CLIENT — Health Infrastructure, NSW

Level 6, 1 Reserve Road
St Leonards, NSW 2065
T +61 2 9978 5402
www.hinfra.health.nsw.gov.au

PROJECT
The Childrens Hospital at Westmead Redevelopment - Stage 2

Sheet Name
PLAN - DEMOLITION - LEVEL 02 - CRC & PATHOLOGY COLLECTIONS

Scale	Date
1 : 100@A1	25/03/22

Drawn By	Checked By	Revision
WC	AL/AG	E

Project No 19038

Drawing No
CHW-AR-DG-RFB-09-02301

FOR TENDER

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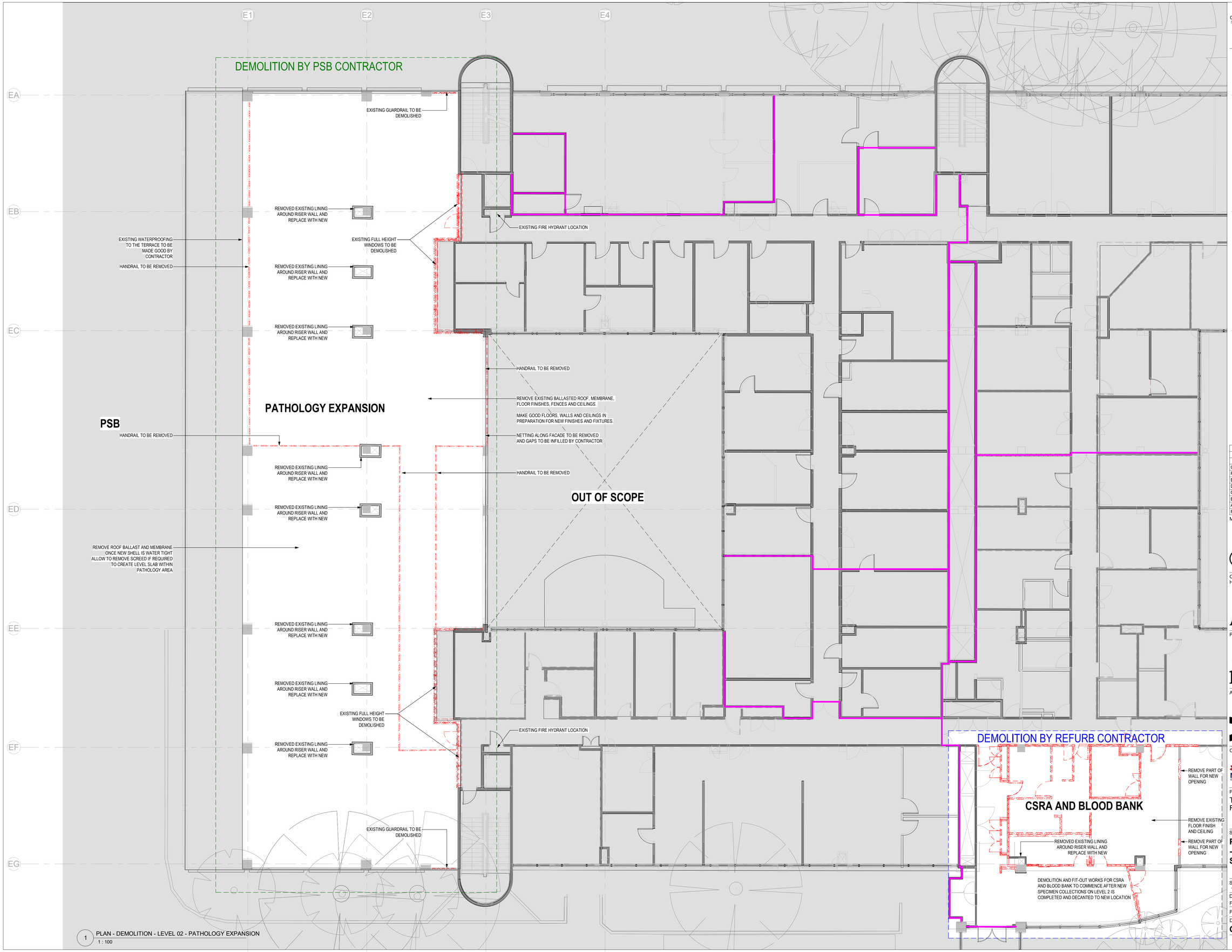

1 PLAN - DEMOLITION - LEVEL 02 - PATHOLOGY EXPANSION
1 : 100

0 1 2 3 4 5m
1:100

KEY:

- WALLS/DOORS TO BE DEMOLISHED
- EXISTING TO BE RETAINED
- PRESUMED EXISTING FIRE RATED WALL BASED ON ENGINEER'S DESKTOP STUDY 29/11/21 & 01/12/21 - CONTRACTORS TO VERIFY ON SITE

NOTE:
COMPLIANCE IS REQUIRED FOR ALL FIRE WALLS BOTH NEW AND EXISTING. EXISTING CONSTRUCTION AND SERVICE PENETRATIONS WILL BE REQUIRED TO BE INSPECTED TO DETERMINE COMPLIANCE. WHERE EXISTING WALLS ARE DEFICIENT, WALLS WILL BE REQUIRED TO BE UPGRADED TO ENSURE ADEQUATE FIRE (SMOKE) SEPARATION.

REV	DESCRIPTION	DATE
G	ISSUED FOR TENDER	08/04/22
F	ISSUED FOR TENDER	25/03/22
E	ISSUED FOR TENDER	18/02/22
D	ISSUED FOR TENDER - DRAFT	17/12/21
C	FOR INFORMATION	24/11/21
B	FOR INFORMATION	19/11/21
A	FOR INFORMATION	08/11/21

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ARCHITECT — Billard Leece Partnership Pty Ltd Architects & Urban Planners

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www.blp.com.au

CLIENT — Health Infrastructure, NSW

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St Leonards, NSW 2065
T +61 2 9978 5402
www.hinfra.health.nsw.gov.au

PROJECT
The Childrens Hospital at Westmead Redevelopment - Stage 2

Sheet Name
PLAN - DEMOLITION - LEVEL 02 - PATHOLOGY EXPANSION - STAGE 01

Scale	Date
1 : 100@A1	08/04/22
Drawn By: FN	Checked By: AL/AG
	Revision: G
Project No	19038
Drawing No	CHW-AR-DG-RFB-09-02601

FOR TENDER

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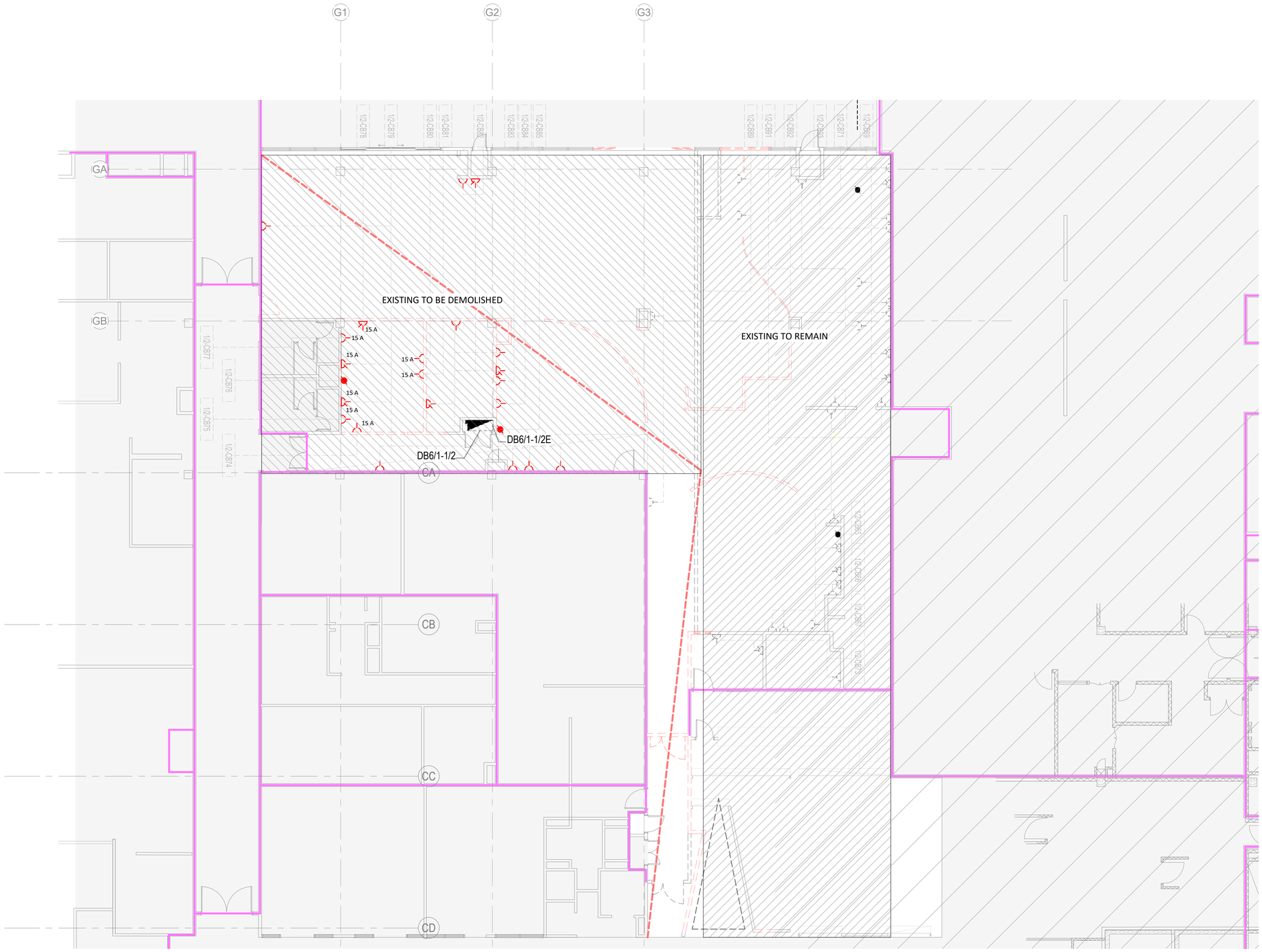

D

C

B

A

1 2 3 4 5

2022-02-18 10:05:53 PM

ORIGINAL SHEET - ISO A1

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Notes

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B	ISSUED FOR TENDER		ST	AW	2022.02.18
A	ISSUED FOR TENDER - DRAFT		ST	AW	2022.02.04
Issued/Revision			By	Appd	YYYY.MM.DD

File Name: N/A	Author	Designer	Checker	12/06/21
	Dwn.	Dsgn.	Chkd.	YYYY.MM.DD

Issue Status

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Architects & Urban Planners

NSW GOVERNMENT Health Infrastructure

Client/Project

HEALTH INFRASTRUCTURE NSW

THE CHILDREN'S HOSPITAL WESTMEAD STAGE 2 REDEVELOPMENT

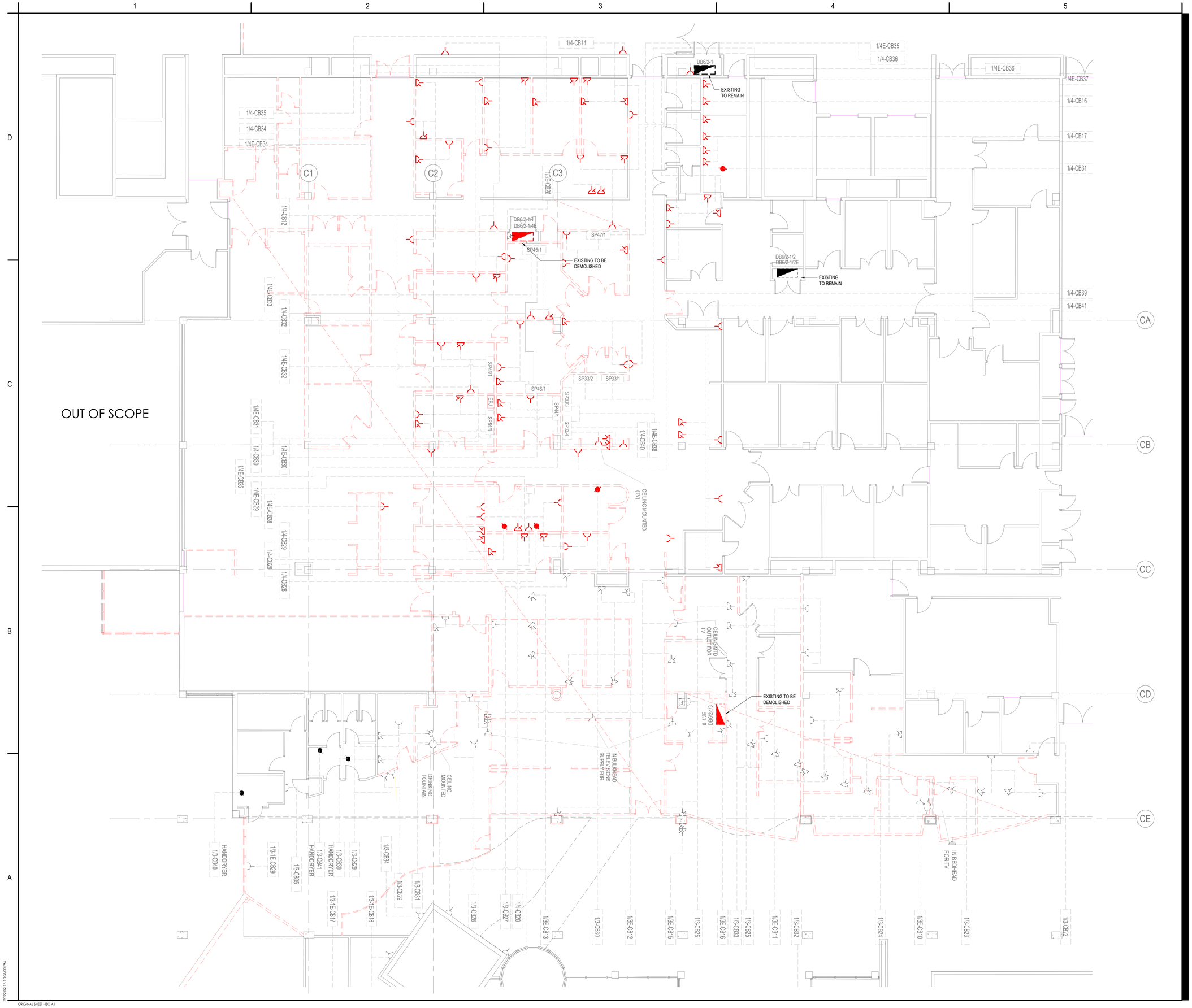
HAWKESBURY RD, WESTMEAD, NSW 2145

Title

DEMOLITION PLAN - LEVEL 01 - GAIT LAB

Project No.	Scale
301344311	1 : 100

Revision	Drawing No.
B	CHW-STN-EL-DG-RFB-10-0100



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B	ISSUED FOR TENDER	ST	AW	2022.02.18
A	ISSUED FOR TENDER - DRAFT	ST	AW	2022.02.04
Issued/Revision		By	Appd	YYYY.MM.DD

File Name: N/A		Author	Designer	Checker	12/06/21
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Client/Project

HEALTH INFRASTRUCTURE NSW

THE CHILDREN'S HOSPITAL WESTMEAD STAGE 2 REDEVELOPMENT

HAWKESBURY RD, WESTMEAD, NSW 2145

Title

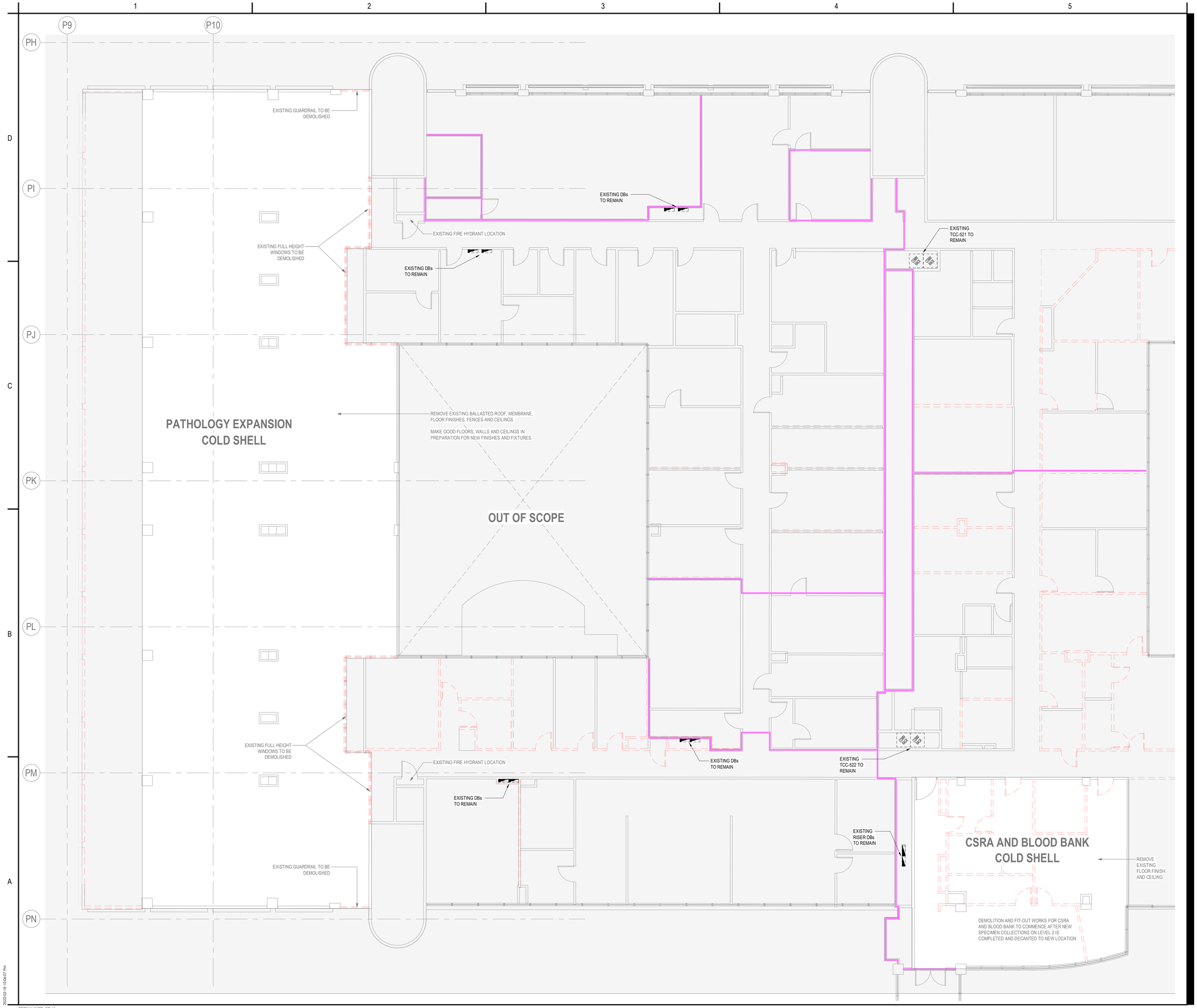
DEMOLITION PLAN - LEVEL 02 - CRC & PATHOLOGY COLLECTIONS

Project No.	Scale
301344311	1 : 100

Revision **B**

Drawing No. **CHW-STN-EL-DG-RFB-10-0200**

2022-02-18 10:06:09 PM
ORIGINAL SHEET - ISO A1



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B	ISSUED FOR TENDER	ST	AW	2022.02.18
A	ISSUED FOR TENDER - DRAFT	ST	AW	2022.02.04
Issued/Revision		By	Appd	YYYY.MM.DD

File Name: N/A	Author	Designer	Checker	12/06/21
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HEALTH INFRASTRUCTURE NSW

THE CHILDREN'S HOSPITAL WESTMEAD STAGE 2 REDEVELOPMENT

HAWKESBURY RD, WESTMEAD, NSW 2145

Title

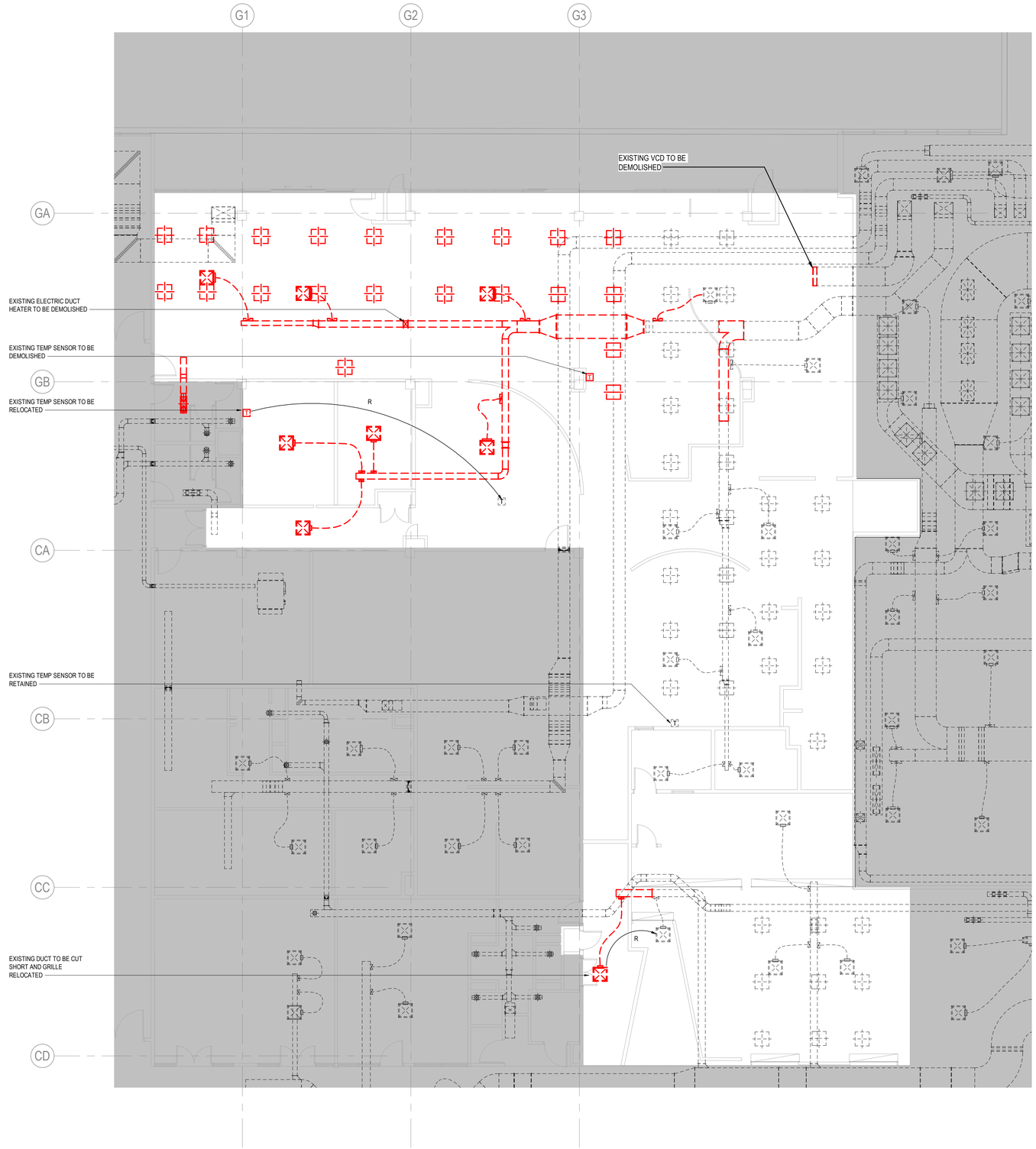
DEMOLITION PLAN - LEVEL 02 - PATHOLOGY EXPANSION

Project No.	Scale
301344311	1 : 100

Revision	Drawing No.
B	CHW-STN-EL-DG-RFB-10-0210

2022-02-18 10:06:07 PM

ORIGINAL SHEET - ISO A1



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DEMOLITION NOTES

1. EXISTING CONDITION ASSESSMENTS SUCH AS AIR FLOW VERIFICATION ARE TO OCCUR PRIOR TO ANY DEMOLITION WORKS.

2. CONTRACTOR TO DECOMMISSION, MAKE SAFE AND REMOVE FROM SITE:
   - ELECTRIC DUCT HEATER WITH ALL ASSOCIATED CABELLING AND DRIP TRAYS AND THE LIKE
   - POWER AND CONTROLS CABELING TO MECHANICAL EQUIPMENT
   - CONDENSATE DRAINAGE FROM MECHANICAL EQUIPMENT INCLUDING DRIP TRAYS AND PIPEWORK TO TUNDISH
   - TEMPERATURE AND HUMIDITY SENSORS UNLESS NOTED OTHERWISE
   - DUCTWORK FOR SUPPLY, EXHUAST AND OUTSIDE AIR SYSTEMS. LIST IS NOT EXHAUSTIVE. CONTRACTOR TO CONFIRM BY WAY OF DETAILED SURVEY.
   - CONSULT WITH THE PRINCIPAL AS TO RETENTION OF REDUNDANT EQUIPMENT AND MATERIAL. PLACE DEMOLISHED GOODS IN STORE AS DIRECTED BY THE PRINCIPAL. REMOVE AND DISPOSE OF ALL OTHER REDUNDANT GOODS.

3. LOCATION OF EXISTING SERVICES ARE APPROXIMATE. THE EXACT LOCATIONS AND EXTENT OF EXISTING EQUIPMENT SHALL BE VERIFIED ON SITE BY THE MECHANICALL CONTRACTOR PRIOR WORKS COMMENCING.

   MINIMISATION OF DISTURBANCE
   THE CONTRACTOR SHALL MINIMISE DOWNTIME BY COORDINATING THE TIME OF THE DEMOLITION WORKS WITH THE HOSPITAL SERVICE DEPARTMENT. WORK METHOD STATEMENT TO BE PROVIDED FOR SIGN OFF BY CLIENT (BUILDER) AND HOSPITAL PRIOR TO COMMENCING DEMOLITION.

4. EXISTING REFURBISHMENT WORKS HAVE BEEN LIMITED TO SITE INVESTIGATIONS RESTRICTED BY CEILING AND DEPARTMENTAL ACCESS AS WELL AS AVAILABILITY OF EXITING AS BUILT DOCUMENTATION AND CEILING SCAN SURVEY. FURTHER INVESTIGATION REQUIRED IN DETAIL DESIGN TO CONFIRM SCOPE.

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Notes

B	ISSUED FOR TENDER	NDOU	EAG	2022.02.18
A	ISSUED FOR TENDER - DRAFT	NDOU	EAG	2022.02.04
Issued/Revision		By	Appd	YYYY.MM.DD

File Name: N/A	Author	Designer	Checker	12/02/21
	Dwn.	Dsgn.	Chkd.	YYYY.MM.DD

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NSW GOVERNMENT Health Infrastructure

Client/Project

HEALTH INFRASTRUCTURE NSW

THE CHILDREN'S HOSPITAL WESTMEAD STAGE 2 REDEVELOPMENT

HAWKESBURY RD, WESTMEAD, NSW 2145

Title

LEVEL 01 DEMOLITION - GAIT LAB

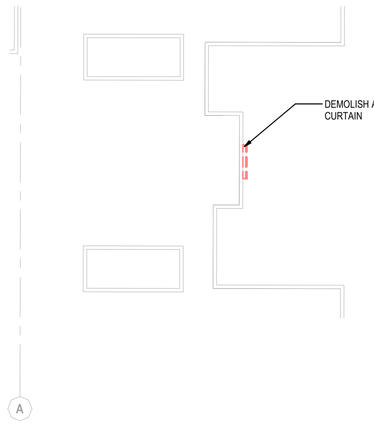
Project No.	Scale
301344311	1 : 100

Revision: B

Drawing No.: **CHW-STN-ME-DG-RFB-10-0101**

21/02/2022 4:27:39 PM

ORIGINAL SHEET - ISO A1



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DEMOLITION NOTES

1. MECHANICAL CONTRACTOR TO DECOMMISSION, MAKE SAFE AND REMOVE FROM SITE:
   - FANS AS NOTED ON THE DRAWINGS
   - AIR CONDITIONING EQUIPMENT INCLUDING FAN COIL UNITS AND AHUS AS NOTED ON THE DRAWINGS
   - AIR CONDITIONING EQUIPMENT INCLUDING REFRIGERANT SYSTEMS. ALL REFRIGERANT GAS TO BE SAFELY REMOVEDFROM SITE AND DISPOSE IN ACCORDANCE WITH ENVIRONMENTAL REQUIREMENTS.
   - POWER AND CONTROLS CABELING TO MECHANICAL EQUIPMENT
   - CONDENSATE DRAINAGE FROM MECHANICAL EQUIPMENT INCLUDING DRIP TRAYS AND PIPEWORK TO TUNDISH
   - TEMPERATURE AND HUMIDITY SENSORS UNLESS NOTED OTHERWISE
   - DUCTOWRK FOR SUPPLY, EXHUAST AND OUTSIDE AIR SYSTEMS. LIST IS NOT EXHAUSTIVE. CONTRACTOR TO CONFIRM BY WAY OF DETAILED SURVEY.

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3. EXISTING REFURBISHMENT WORKS HAVE BEEN LIMITED TO SITE INVESTIGATIONS RESTRICTED BY CEILING AND DEPARTMENTAL ACCESS AS WELL AS LIMITED AVAILABILITY OF EXITING AS BUILT DOCUMENTATION. FURTHER INVESTIGATION REQUIRED IN DETAIL DESIGN TO CONFIRM SCOPE.

4. CONTRACTOR TO CONFIRM EXISTING FIRE AND SMOKE DAMPER INSTALLATION AND CONDITION. ALLOW TO REPLACE IF DAMPERS ARE INOPERABLE.

5. CEILINGS, WALLS AND FLOOR FINISHES ARE TO BE MADE GOOD AFTER WORKS COMPLETION IN OUTSIDE OF SCOPE AREAS

   MINIMISATION OF DISTURBANCE
   THE CONTRACTOR SHALL MINIMISE DOWNTIME BY COORDINATING THE TIME OF THE DEMOLITION WORKS WITH THE HOSPITAL SERVICE DEPARTMENT. WORK METHOD STATEMENT TO BE PROVIDED FOR SIGN OFF BY CLIENT (BUILDER) AND HOSPITAL PRIOR TO COMMENCING DEMOLITION.

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B	ISSUED FOR TENDER	NDOU	EAG	2022.02.18
A	ISSUED FOR TENDER - DRAFT	NDOU	EAG	2022.02.04
Issued/Revision		By	Appd	YYYY.MM.DD

File Name: N/A	Author	Designer	Checker	02/03/22
	Dwn.	Dsgn.	Chkd.	YYYY.MM.DD

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Client/Project

HEALTH INFRASTRUCTURE NSW

THE CHILDREN'S HOSPITAL WESTMEAD STAGE 2 REDEVELOPMENT

HAWKESBURY RD, WESTMEAD, NSW 2145

Title

LEVEL 01 DEMOLITION - EASTERN AIR LOCK

Project No.	Scale
301344311	1 : 200

Revision	Drawing No.
B	**CHW-STN-ME-DG-RFB-10-0102**

2/18/2022 4:28:06 PM

ORIGINAL SHEET - ISO A1

RETURN AIR SYSTEM FOR A623 COMPLETE WITH SUBDUCT

SUPPLY AIR SYSTEM FOR A623

SUPPLY AIR SYSTEM FOR A624

RETURN AIR SYSTEM FOR A624

ISOLATION EXHAUST FROM V623EAF2

ISOLATION EXHAUST DUCTWORK TO BE DEMOLISHED TO THE RISER. DUCTWORK TO BE SEALED AIR TIGHT.

CONTRACTOR TO REBALANCE EXHAUST SERVING OTHER LEVELS TO NEW AIR FLOW.

DEMOLITION OF SECTION OF TOILET EXHAUST DUCTWORK TO BE COORDINATED WITH LHD TO MINIMISE DOWN TIME AND DISTURBANCE TO THE ADJACENT TOILETS

DEMOLITION OF SECTION OF SUPPLY AIR AIR DUCTWORK FROM A624 TO BE COORDINATED WITH LHD TO MINIMISE DOWN TIME AND DISTURBANCE TO THE DEPARTMENT

DEMOLITION OF SECTION OF TOILET EXHAUST DUCTWORK TO BE COORDINATED WITH LHD TO MINIMISE DOWN TIME AND DISTURBANCE TO THE GALERIA TOILET BLOCK

CONTRACTOR TO VERIFY DUCTWORK LOCATION AND CONNECTIONS ON SITE

SEAL FCU DUCTWORK AIR TIGHT ON REMOVAL OF DUCTWORK

SEAL EXHAUST DUCTWORK AIR TIGHT ON REMOVAL OF DUCTWORK

CONTRACTOR TO REMOVE LINEAR GRILLES ALONG EDGE AND STORE FOR INSTALLATION IN NEW CEILING LINE

CONTRACTOR TO VERIFY DUCTWORK LOCATION AND CONNECTIONS ON SITE

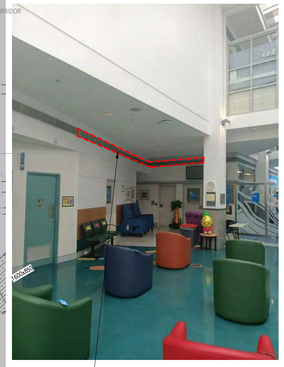
DEMOLITION OF DUCTWORK SECTION TO BE COORDINATED WITH LHD TO MINIMISE DOWN TIME AND DISTURBANCE TO THE GALERIA

TOILET EXHAUST FROM V6TLEAF2

TOILET EXHAUST FROM V6TLEAF2

SUPPLY AIR SYSTEM FOR GALLERIA FROM AHU A652

EXISTING LINEAR GRILLE SERVING THE GALLERIA TO BE DEMOLISHED AND STORED ON STIE FOR INSTALLATION IN NEW CEILING LINE



DESIGN, FINALISATION AND CONSTRUCT NOTE

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Notes

Issued/Revision	By	Appd	YYYY.MM.DD
C TENDER ADDENDUM	JKE	EAG	2022.05.20
B ISSUED FOR TENDER	NDOU	EAG	2022.02.18
A ISSUED FOR TENDER - DRAFT	NDOU	EAG	2022.02.04

File Name: N/A	Author	Designer	Checker	12/02/21
	Dwn.	Dsgn.	Chkd.	YYYY.MM.DD

Issue Status

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Client/Project Logo

Billard Leece Partnership Pty Ltd
Architects & Urban Planners

NSW GOVERNMENT Health Infrastructure

Client/Project

HEALTH INFRASTRUCTURE NSW

THE CHILDREN'S HOSPITAL WESTMEAD STAGE 2 REDEVELOPMENT

HAWKESBURY RD, WESTMEAD, NSW 2145

Title

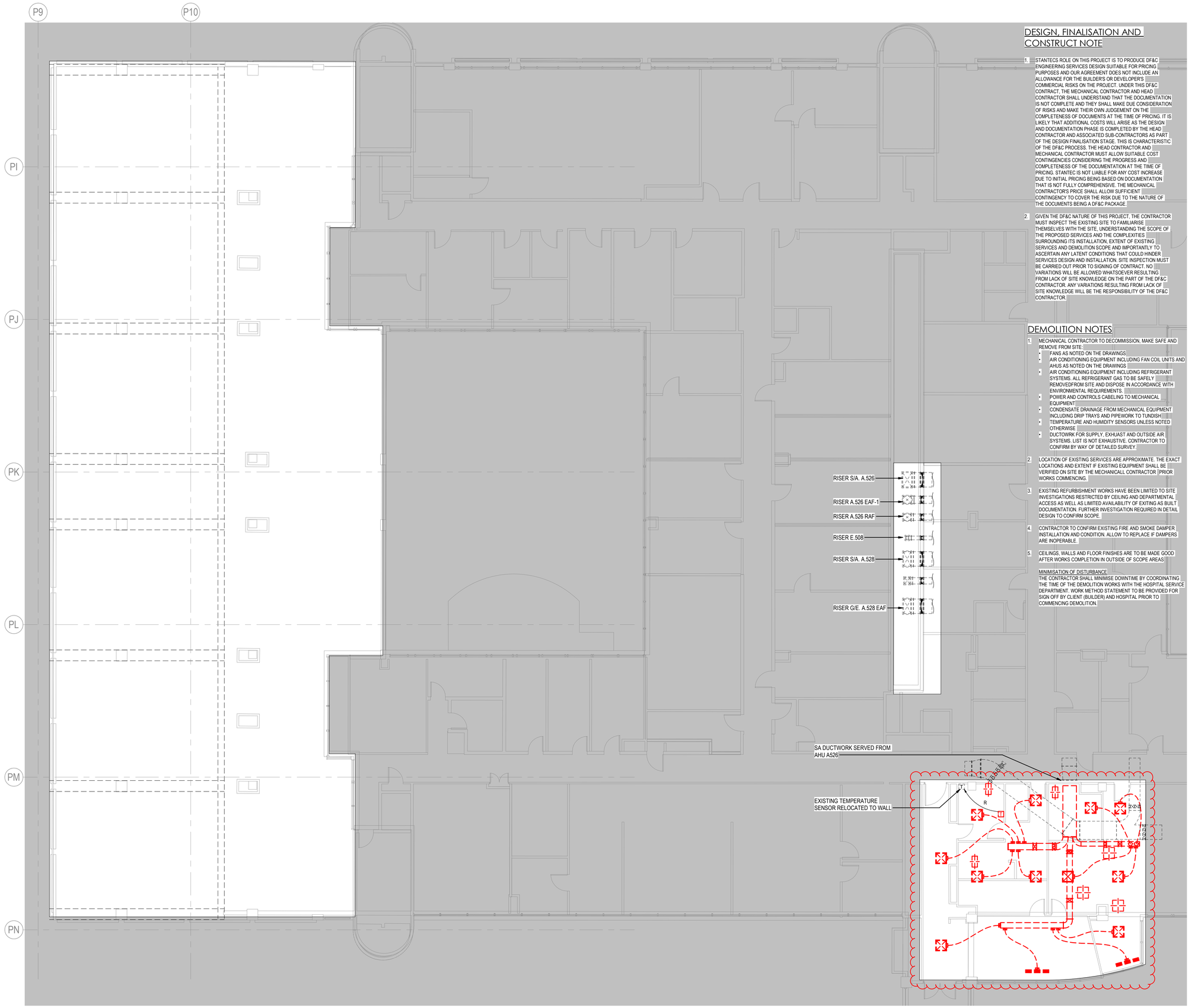
LEVEL 02 DEMOLITION - CRC & PATHOLOGY COLLECTIONS

Project No.	Scale
301344311	1 : 100

Revision	Drawing No.
C	CHW-STN-ME-DG-RFB-10-0201

20/05/2022 7:32:33 PM

ORIGINAL SHEET - ISO A1



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C	TENDER ADDENDUM	JKE	EAG	2022.05.20
B	ISSUED FOR TENDER	NDOU	EAG	2022.02.18
A	ISSUED FOR TENDER - DRAFT	NDOU	EAG	2022.02.04
Issued/Revision		By	Appd	YYYY.MM.DD

File Name: N/A	Author	Designer	Checker	12/02/21
	Dwn.	Dsgn.	Chkd.	YYYY.MM.DD

Issue Status

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Architects & Urban Planners

NSW GOVERNMENT Health Infrastructure

Client/Project

HEALTH INFRASTRUCTURE NSW

THE CHILDREN'S HOSPITAL WESTMEAD STAGE 2 REDEVELOPMENT

HAWKESBURY RD, WESTMEAD, NSW 2145

Title

LEVEL 02 DEMOLITION - PATHOLOGY EXPANSION

Project No.	Scale
301344311	1 : 100

Revision	Drawing No.
C	CHW-STN-ME-DG-RFB-10-0202

20/05/2022 7:52:39 PM

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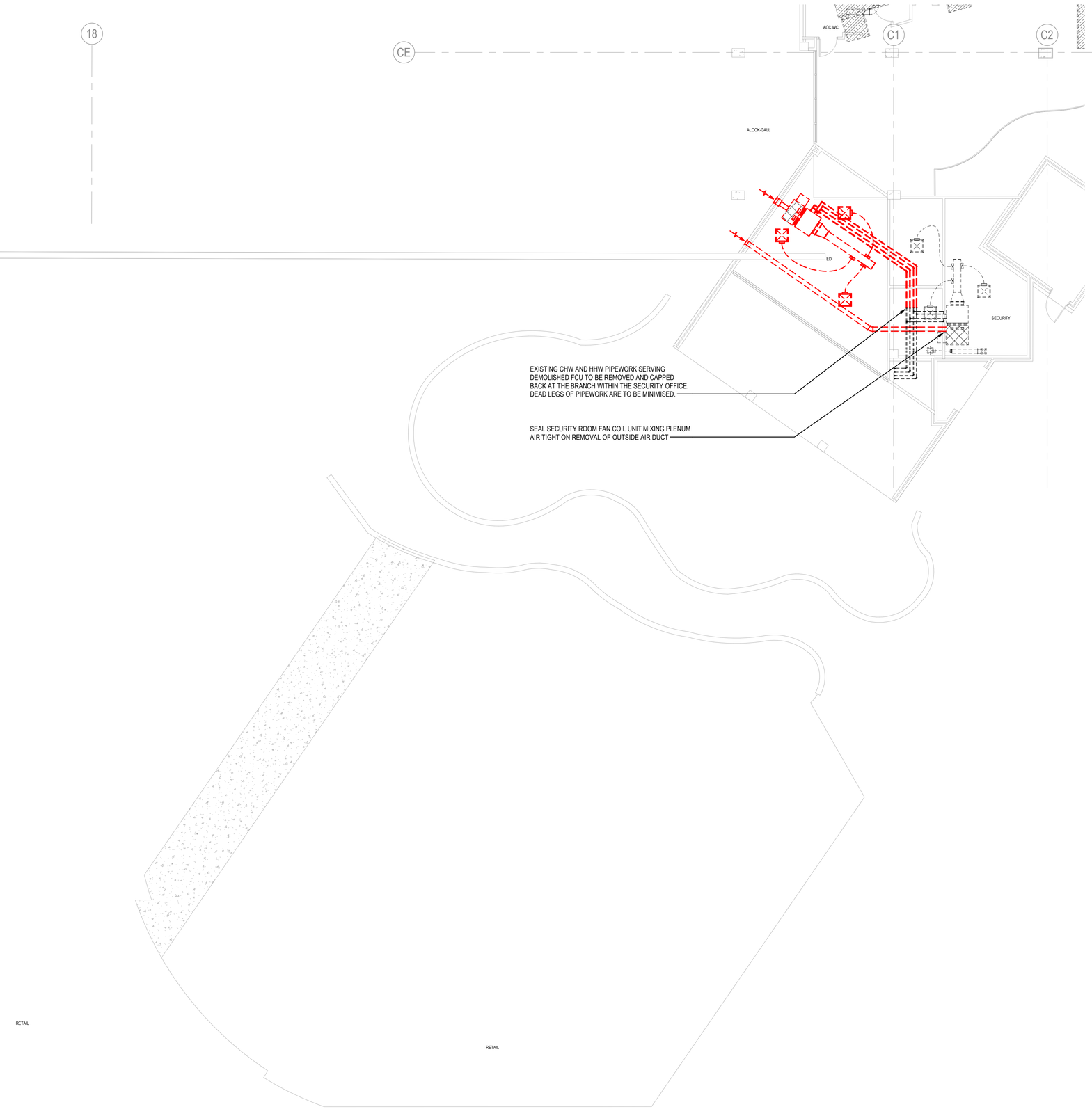

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C
B
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Notes

B	ISSUED FOR TENDER	NDOU	EAG	2022.02.18
A	ISSUED FOR TENDER - DRAFT	NDOU	EAG	2022.02.04
Issued/Revision		By	Appd	YYYY.MM.DD

File Name: N/A	Author	Designer	Checker	02/03/22
	Dwn.	Dsgn.	Chkd.	YYYY.MM.DD

Issue Status

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Architects & Urban Planners

NSW GOVERNMENT Health Infrastructure

Client/Project

HEALTH INFRASTRUCTURE NSW

THE CHILDREN'S HOSPITAL WESTMEAD STAGE 2 REDEVELOPMENT

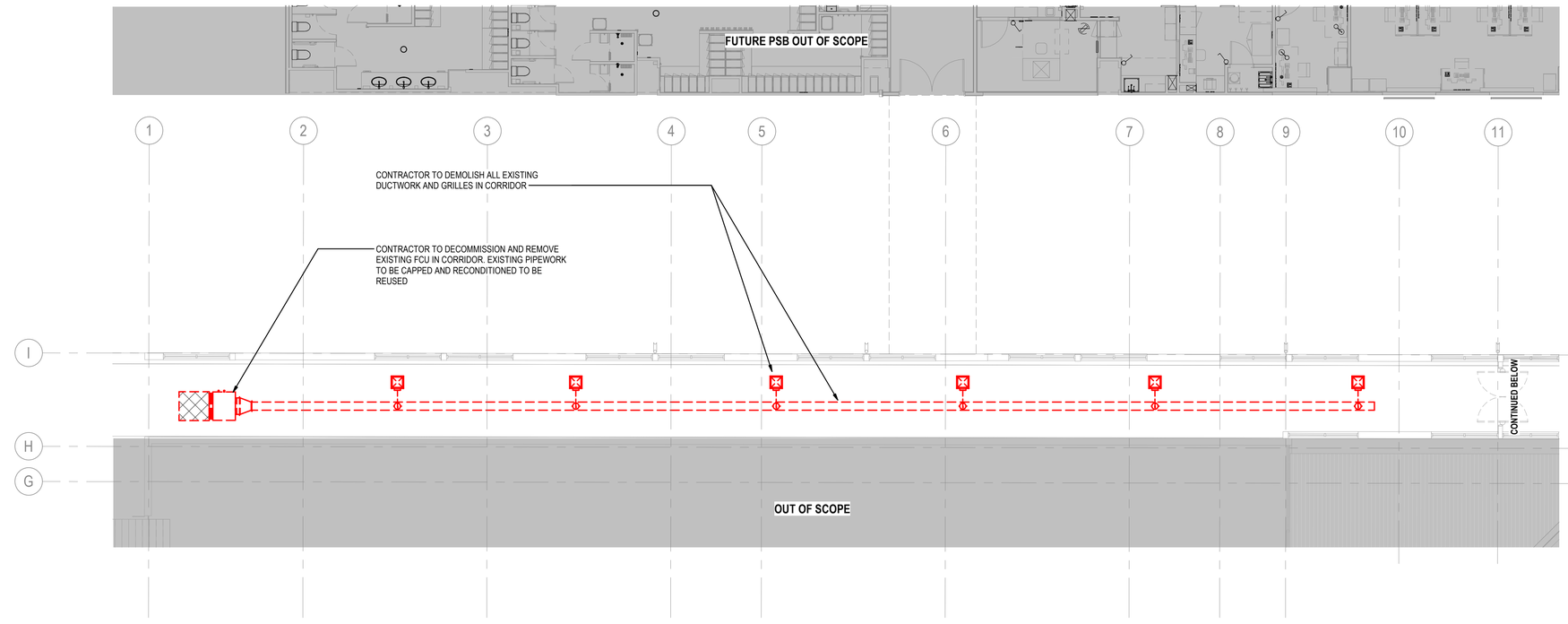
HAWKESBURY RD, WESTMEAD, NSW 2145

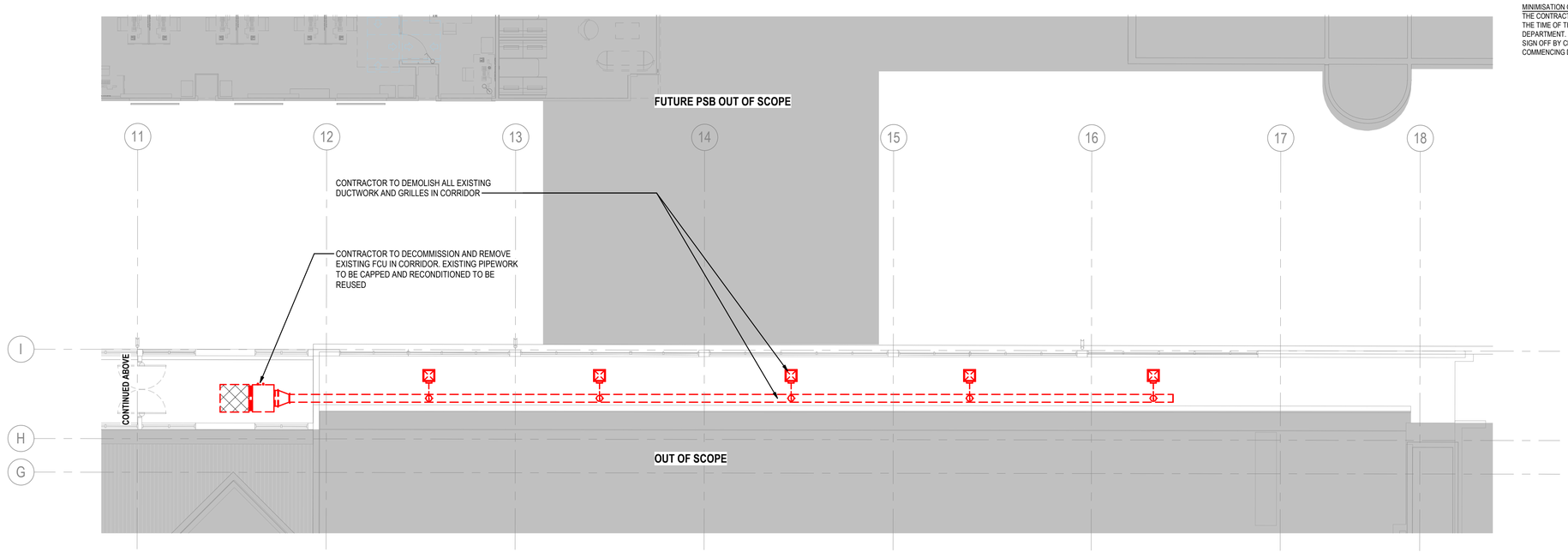
Title

LEVEL 02 DEMOLITION - FORECOURT RETAIL & CANOPY

Project No.	Scale
301344311	1 : 100

Revision	Drawing No.
B	**CHW-STN-ME-DG-RFB-10-0203**





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B	ISSUED FOR TENDER	NDOU	EAG	2022.02.18
A	ISSUED FOR TENDER - DRAFT	NDOU	EAG	2022.02.04
Issued/Revision		By	Appd	YYYY.MM.DD

File Name: N/A	Author	Designer	Checker	02/02/22
	Dwn.	Dsgn.	Chkd.	YYYY.MM.DD

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NSW GOVERNMENT Health Infrastructure

Client/Project

HEALTH INFRASTRUCTURE NSW

THE CHILDREN'S HOSPITAL WESTMEAD STAGE 2 REDEVELOPMENT

HAWKESBURY RD, WESTMEAD, NSW 2145

Title

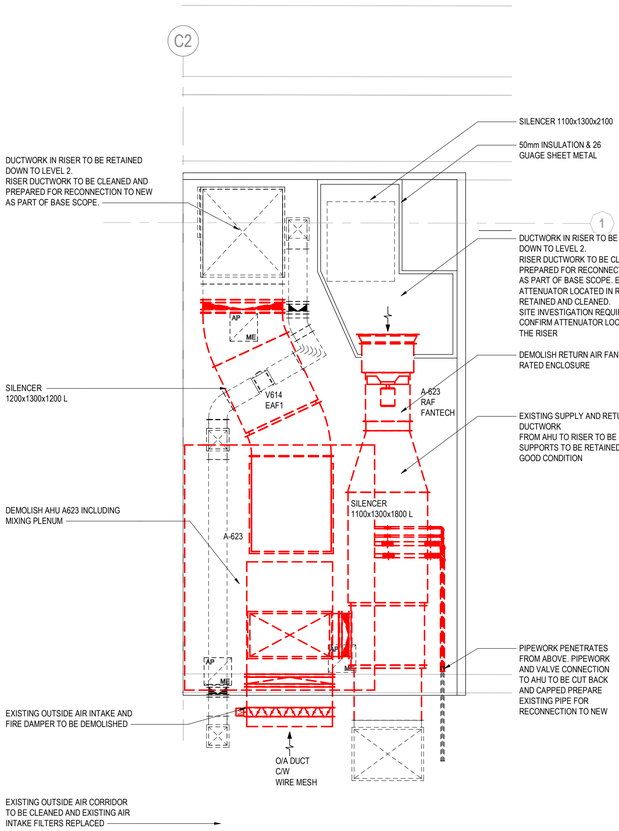
LEVEL 03 DEMOLITION - PATHWAYS CORRIDOR WIDENING

Project No.	Scale
301344311	1 : 100

Revision	Drawing No.
B	CHW-STN-ME-DG-RFB-10-0300

2/18/2022 4:28:44 PM

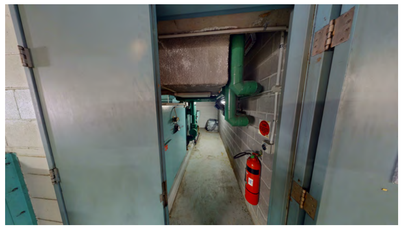
ORIGINAL SHEET - ISO A1



BLOCK 6 LEVEL 5 PLANTROOM 658

BLOCK 6 LEVEL 5 PLANTROOM 658 - PHOTO 4

BLOCK 6 LEVEL 5 PLANTROOM 658 - PHOTO 3



BLOCK 6 LEVEL 5 PLANTROOM 658 - PHOTO 2

BLOCK 6 LEVEL 5 PLANTROOM 658 - PHOTO 1

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2. LOCATION OF EXISTING SERVICES ARE APPROXIMATE. THE EXACT LOCATIONS AND EXTENT IF EXISTING EQUIPMENT SHALL BE VERIFIED ON SITE BY THE MECHANICALL CONTRACTOR PRIOR WORKS COMMENCING.
3. EXISTING REFURBISHMENT WORKS HAVE BEEN LIMITED TO SITE INVESTIGATIONS RESTRICTED BY CEILING AND DEPARTMENTAL ACCESS AS WELL AS LIMITED AVAILABILITY OF EXITING AS BUILT DOCUMENTATION. FURTHER INVESTIGATION REQUIRED IN DETAIL DESIGN TO CONFIRM SCOPE.
4. CONTRACTOR TO CONFIRM EXISTING FIRE AND SMOKE DAMPER INSTALLATION AND CONDITION. ALLOW TO REPLACE IF DAMPERS ARE INOPERABLE.
5. CEILINGS, WALLS AND FLOOR FINISHES ARE TO BE MADE GOOD AFTER WORKS COMPLETION IN OUTSIDE OF SCOPE AREAS

   MINIMISATION OF DISTURBANCE
   THE CONTRACTOR SHALL MINIMISE DOWNTIME BY COORDINATING THE TIME OF THE DEMOLITION WORKS WITH THE HOSPITAL SERVICE DEPARTMENT. WORK METHOD STATEMENT TO BE PROVIDED FOR SIGN OFF BY CLIENT (BUILDER) AND HOSPITAL PRIOR TO COMMENCING DEMOLITION.

PHOTOGRAMMETRY SCAN

1. A PHOTOGRAMMETRY SCAN OF THE PLANTROOM AND ADJACENT CORRIDOR IS AVAILABLE BELOW AND SHOULD BE USED TO FURTHER UNDERSTAND THE CONTEXT AND SPATIAL AVAILABILITY WITHIN THE PLANTROOM. THIS SCAN IS NOT TO REPLACE THE CONTRACTORS REPONSIBILITY TO INVESTIGATE ALL SITE CONDITIONS.

   https://my.matterport.com/show/?m=ayVAKxLmSW7&sr=-2.95%2C-.53&ss=27

   FURTHER INFORMATION REGARDING THE SCAN CAN BE FOUND IN ME-MEMO-04_D

PRICING OPTION 1

DEMOLITION AND REPLACEMENT OF AHU A623 AND A613 IS TO BE SCOPED AS A PRICING OPTION FOR REVIEW BY THE PRINCIPAL

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Colour Disclaimer

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Notes

A	ISSUED FOR TENDER	NDOU	EAG	2022.02.18
Issued/Revision		By	Appd	YYYY.MM.DD

File Name: N/A	Author	Designer	Checker	02/08/22
	Dwn.	Dsgn.	Chkd.	YYYY.MM.DD

Issue Status

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Billard Leece Partnership Pty Ltd
Architects & Urban Planners

NSW GOVERNMENT Health Infrastructure

Client/Project

HEALTH INFRASTRUCTURE NSW

THE CHILDREN'S HOSPITAL WESTMEAD STAGE 2 REDEVELOPMENT

HAWKESBURY RD, WESTMEAD, NSW 2145

Title

PLANT ROOM 658 DEMOLITION

Project No.	Scale
301344311	1 : 50

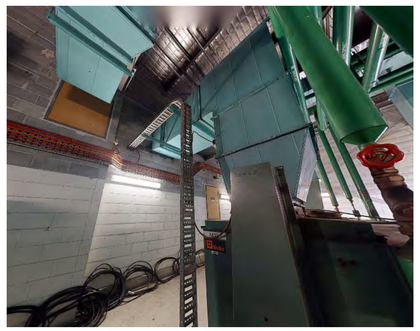
Revision	Drawing No.
A	**CHW-STN-ME-DG-RFB-84-1001**

21/02/2022 4:51:12 PM

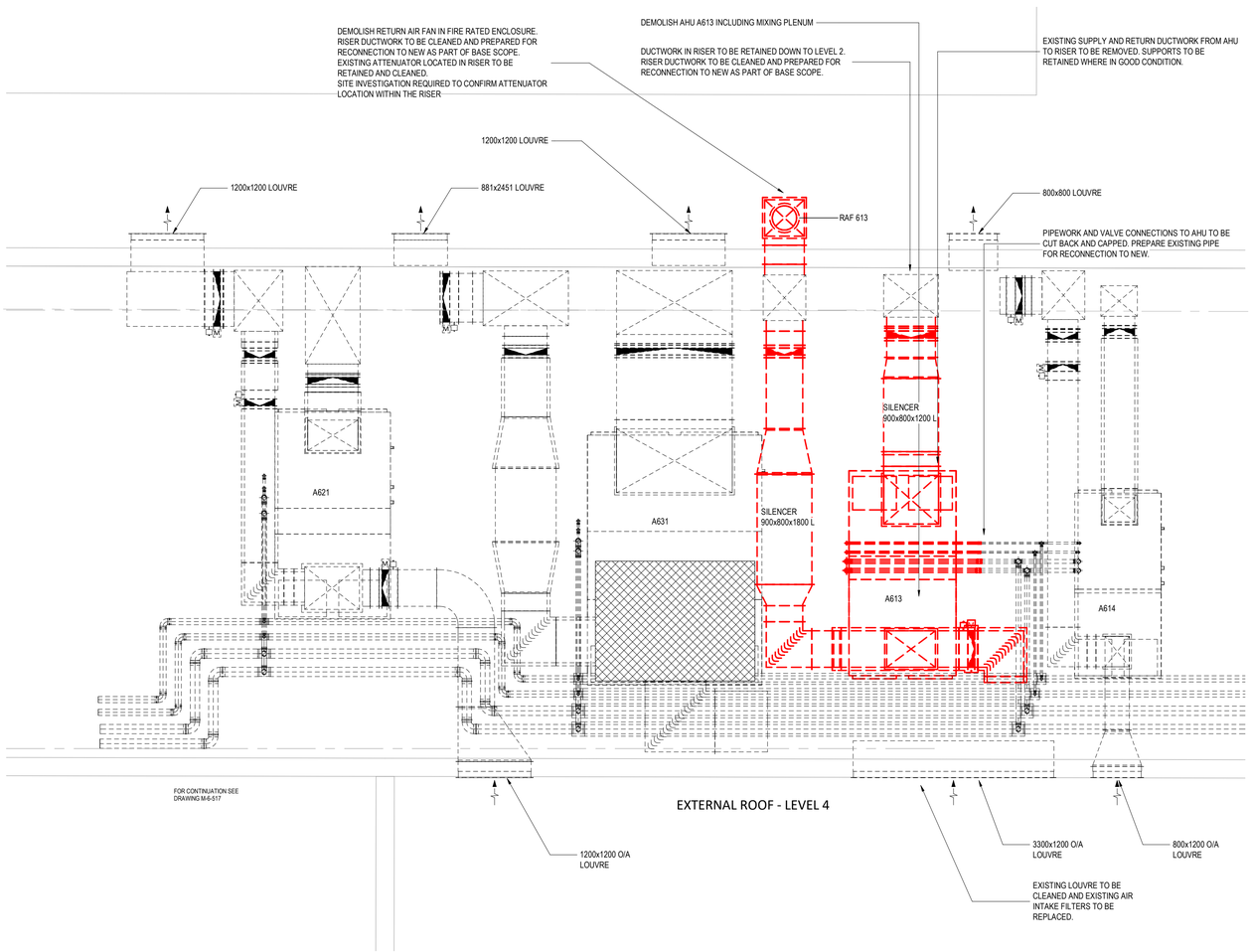
ORIGINAL SHEET - ISO A1

BLOCK 6 LEVEL 4 PLANTROOM 648 - PHOTO 1

BLOCK 6 LEVEL 4 PLANTROOM 648 - PHOTO 2



BLOCK 6 LEVEL 4 PLANTROOM 648 - PHOTO 3



BLOCK 6 LEVEL 4 PLANTROOM 648

DESIGN, FINALISATION AND CONSTRUCT NOTE

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DEMOLITION NOTES

1. MECHANICAL CONTRACTOR TO DECOMMISSION, MAKE SAFE AND REMOVE FROM SITE:
   - FANS AS NOTED ON THE DRAWINGS
   - AIR CONDITIONING EQUIPMENT INCLUDING FAN COIL UNITS AND AHUS AS NOTED ON THE DRAWINGS
   - AIR CONDITIONING EQUIPMENT INCLUDING REFRIGERANT SYSTEMS. ALL REFRIGERANT GAS TO BE SAFELY REMOVEDFROM SITE AND DISPOSE IN ACCORDANCE WITH ENVIRONMENTAL REQUIREMENTS.
   - POWER AND CONTROLS CABELING TO MECHANICAL EQUIPMENT
   - CONDENSATE DRAINAGE FROM MECHANICAL EQUIPMENT INCLUDING DRIP TRAYS AND PIPEWORK TO TUNDISH
   - TEMPERATURE AND HUMIDITY SENSORS UNLESS NOTED OTHERWISE
   - DUCTOWRK FOR SUPPLY, EXHUAST AND OUTSIDE AIR SYSTEMS. LIST IS NOT EXHAUSTIVE. CONTRACTOR TO CONFIRM BY WAY OF DETAILED SURVEY.
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PHOTOGRAMMETRY SCAN

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   https://my.matterport.com/show/?m=XR7cknzf4PE

   FURTHER INFORMATION REGARDING THE SCAN CAN BE FOUND IN ME-MEMO-04_D

PRICING OPTION 1

DEMOLITION AND REPLACEMENT OF AHU A623 AND A613 IS TO BE SCOPED AS A PRICING OPTION FOR REVIEW BY THE PRINCIPAL

BLOCK 6 LEVEL 4 PLANTROOM 648 - PHOTO 4

BLOCK 6 LEVEL 4 PLANTROOM 648 - PHOTO 5

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Notes

Issued/Revision	By	Appd	
A ISSUED FOR TENDER	NDOU	EAG	2022.02.18

File Name: N/A	Author	Designer	Checker	
	Dwn.	Dsgn.	Chkd.	YYYY.MM.DD
			02/08/22	YYYY.MM.DD

Issue Status

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Architects & Urban Planners

NSW GOVERNMENT Health Infrastructure

Client/Project

HEALTH INFRASTRUCTURE NSW

THE CHILDREN'S HOSPITAL WESTMEAD STAGE 2 REDEVELOPMENT

HAWKESBURY RD, WESTMEAD, NSW 2145

Title

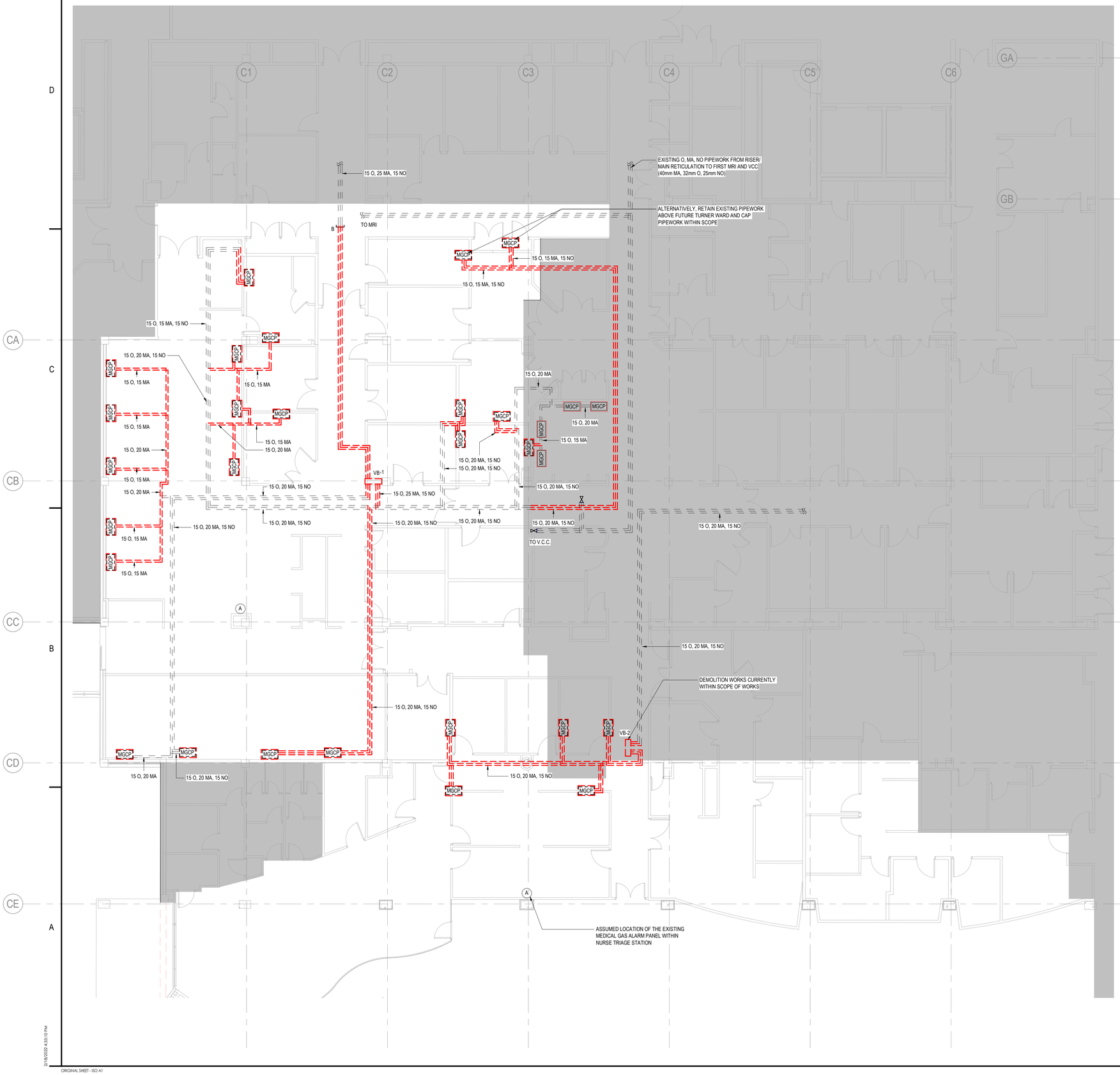
PLANT ROOM 648 DEMOLITION

Project No.	Scale
301344311	1 : 50

Revision	Drawing No.
A	**CHW-STN-ME-DG-RFB-84-1002**

2/18/2022 4:51:26 PM

ORIGINAL SHEET - ISO A1



DESIGN, FINALISATION AND CONSTRUCT NOTE

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Notes

B	ISSUED FOR TENDER	NDOU	EAG	2022.02.18
A	ISSUED FOR TENDER - DRAFT	NDOU	EAG	2022.02.04
Issued/Revision		By	Appd	YYYY.MM.DD

File Name: N/A	Author	Designer	Checker	12/02/21
	Dwn.	Dsgn.	Chkd.	YYYY.MM.DD

Issue Status

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Client/Project

HEALTH INFRASTRUCTURE NSW

THE CHILDREN'S HOSPITAL WESTMEAD STAGE 2 REDEVELOPMENT

HAWKESBURY RD, WESTMEAD, NSW 2145

Title

LEVEL 02 MEDICAL GAS DEMOLITION - CRC & PATHOLOGY COLLECTIONS

Project No.	Scale
301344311	1 : 100

Revision: B

Drawing No.: **CHW-STN-MG-DG-RFB-10-0200**

21/02/2022 4:53:10 PM

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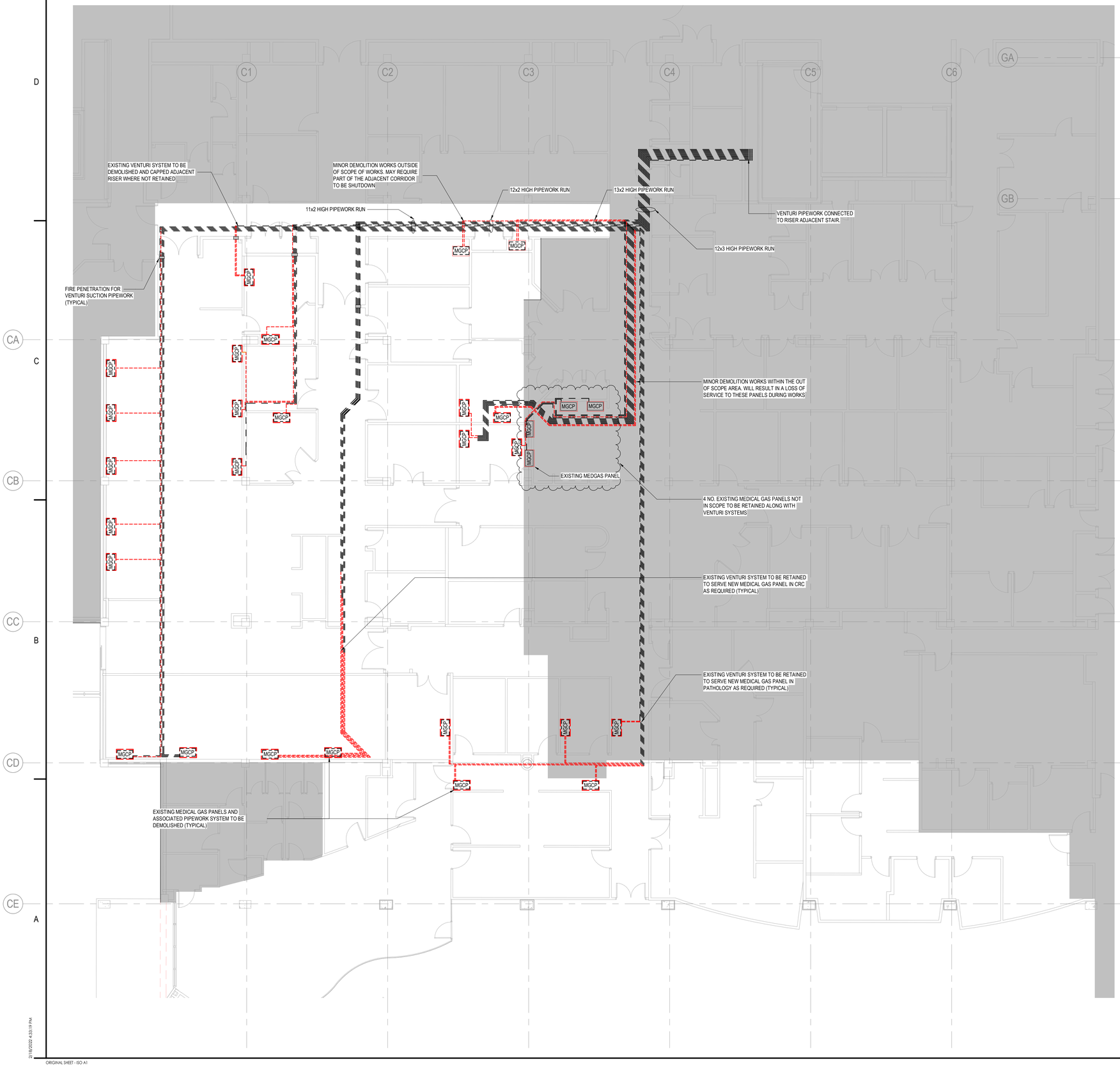

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Notes

Issued/Revision	By	Appd	
B ISSUED FOR TENDER	NDOU	EAG	2022.02.18
A ISSUED FOR TENDER - DRAFT	NDOU	EAG	2022.02.04
	By	Appd	YYYY.MM.DD

File Name: N/A	Author	Designer	Checker	01/25/22
	Dwn.	Dsgn.	Chkd.	YYYY.MM.DD

Issue Status

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Client/Project

HEALTH INFRASTRUCTURE NSW

THE CHILDREN'S HOSPITAL WESTMEAD STAGE 2 REDEVELOPMENT

HAWKESBURY RD, WESTMEAD, NSW 2145

Title

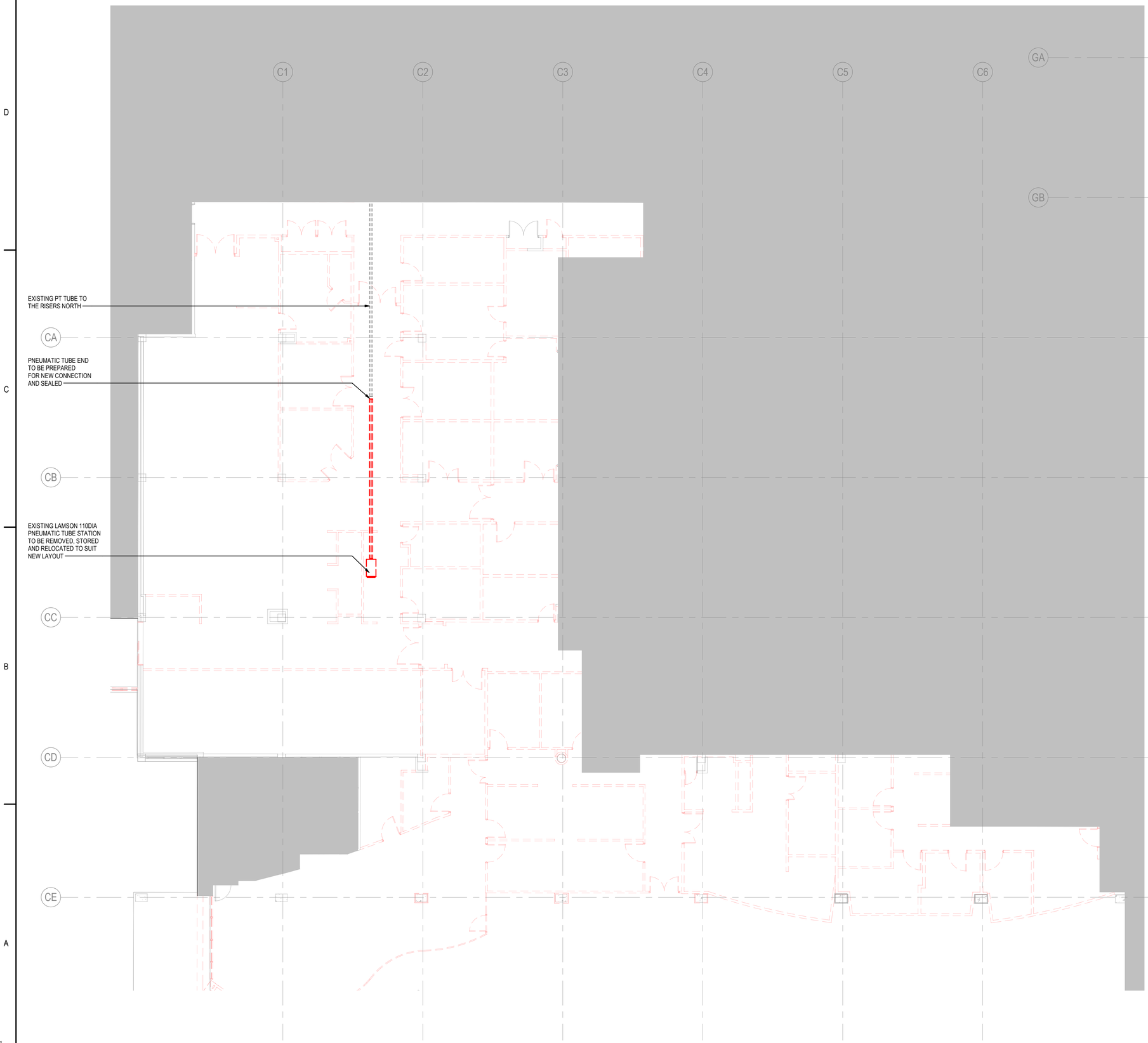
LEVEL 02 MEDICAL GAS - SUCTION DEMOLITION - CRC & PATHOLOGY COLLECTIONS

Project No.	Scale
301344311	1 : 100

Revision	Drawing No.
B	**CHW-STN-MG-DG-RFB-10-0210**

2/18/2022 4:53:19 PM

ORIGINAL SHEET - ISO A1



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NOTES

1. PROVIDE FIRE COLLARS TO ALL PNEUMATIC TUBE CROSSING FIRE WALLS.
2. STATION ACCESSORIES INCLUDING CANNISTER RACKS AND BASKETS ARE SPECIFIED WITHIN THE ARCHITECTURAL PACKAGE.

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Notes

B	ISSUED FOR TENDER	NDOU	EAG	2022.02.18
A	ISSUED FOR TENDER - DRAFT	NDOU	EAG	2022.02.04
Issued/Revision		By	Appd	YYYY.MM.DD

File Name: N/A	Author	Designer	Checker	12/02/21
	Dwn.	Dsgn.	Chkd.	YYYY.MM.DD

Issue Status

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NSW GOVERNMENT Health Infrastructure

Client/Project

HEALTH INFRASTRUCTURE NSW

THE CHILDREN'S HOSPITAL WESTMEAD STAGE 2 REDEVELOPMENT

HAWKESBURY RD, WESTMEAD, NSW 2145

Title

LEVEL 02 PNUEMATIC TUBE DEMOLITION - CRC & PATHOLOGY COLLECTIONS

Project No.	Scale
301344311	1 : 100

Revision	Drawing No.
B	**CHW-STN-PT-DG-RFB-10-0200**

2/18/2022 4:53:57 PM

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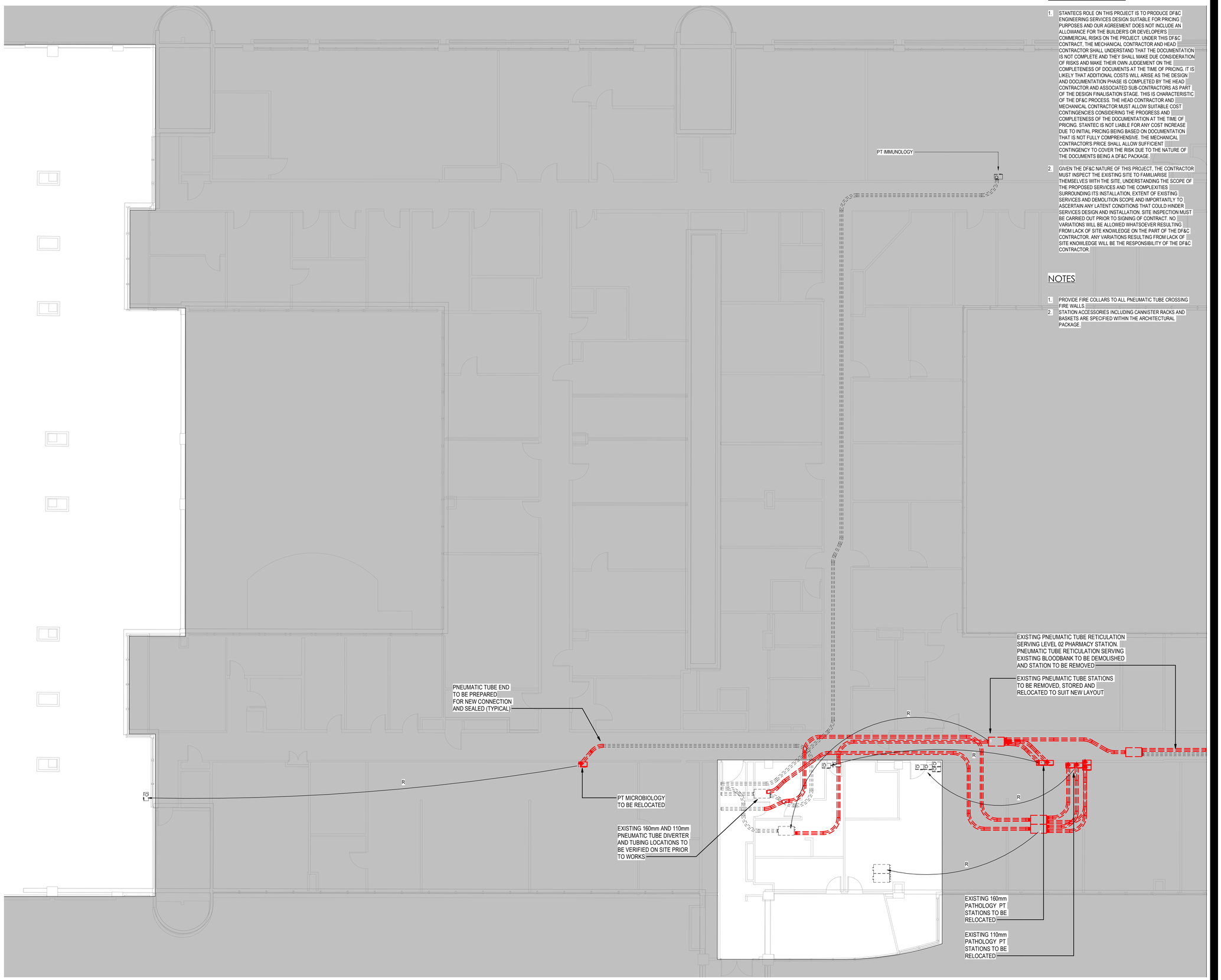

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Notes

Issued/Revision	By	Appd	YYYY.MM.DD
A TENDER ADDENDUM	JKE	EAG	2022.05.31

File Name: N/A	Author	Designer	Checker	12/02/21
	Dwn.	Dsgn.	Chkd.	YYYY.MM.DD

Issue Status

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Architects & Urban Planners

NSW GOVERNMENT Health Infrastructure

Client/Project

HEALTH INFRASTRUCTURE NSW

THE CHILDREN'S HOSPITAL WESTMEAD STAGE 2 REDEVELOPMENT

HAWKESBURY RD, WESTMEAD, NSW 2145

Title

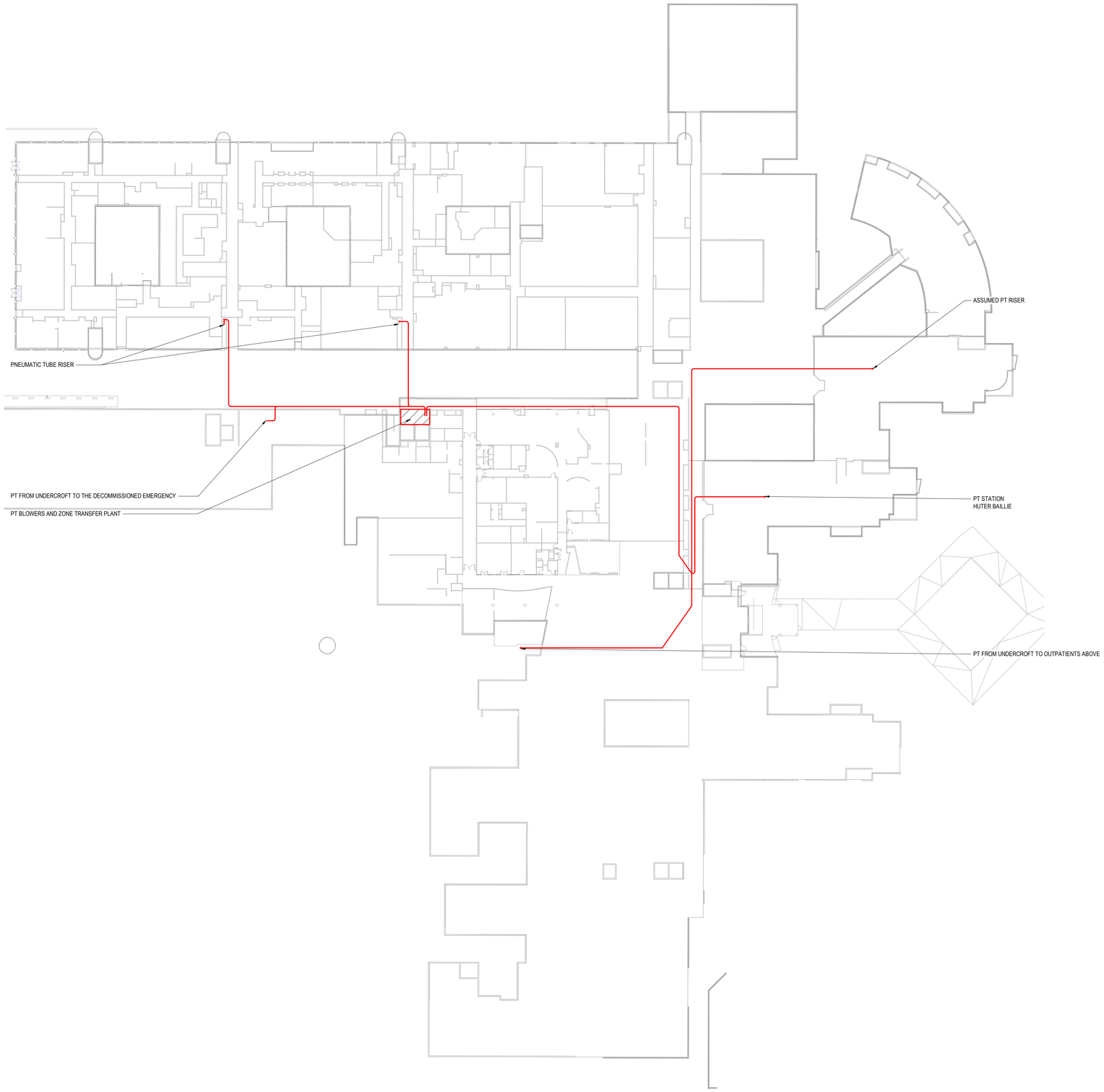
LEVEL 02 PNEUMATIC TUBE DEMOLITION - PATHOLOGY EXPANSION

Project No.	Scale
301344311	1 : 100

Revision	Drawing No.
A	**CHW-STN-PT-DG-RFB-10-0201**

5/31/2022 10:48:54 AM

ORIGINAL SHEET - ISO A1



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4. REFER TO ARCHITECTURAL & INTERIORS DOCUMENTATION FOR EXTENT OF FULL HEIGHT WALLS.
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A	ISSUED FOR TENDER	NDOU	EAG	2022.02.18
	Issued/Revision	By	Appd	YYYY.MM.DD

File Name: N/A	Author	Designer	Checker	02/08/22
	Dwn.	Dsgn.	Chkd.	YYYY.MM.DD

Issue Status

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Architects & Urban Planners

NSW GOVERNMENT Health Infrastructure

Client/Project

HEALTH INFRASTRUCTURE NSW

THE CHILDREN'S HOSPITAL WESTMEAD STAGE 2 REDEVELOPMENT

HAWKESBURY RD, WESTMEAD, NSW 2145

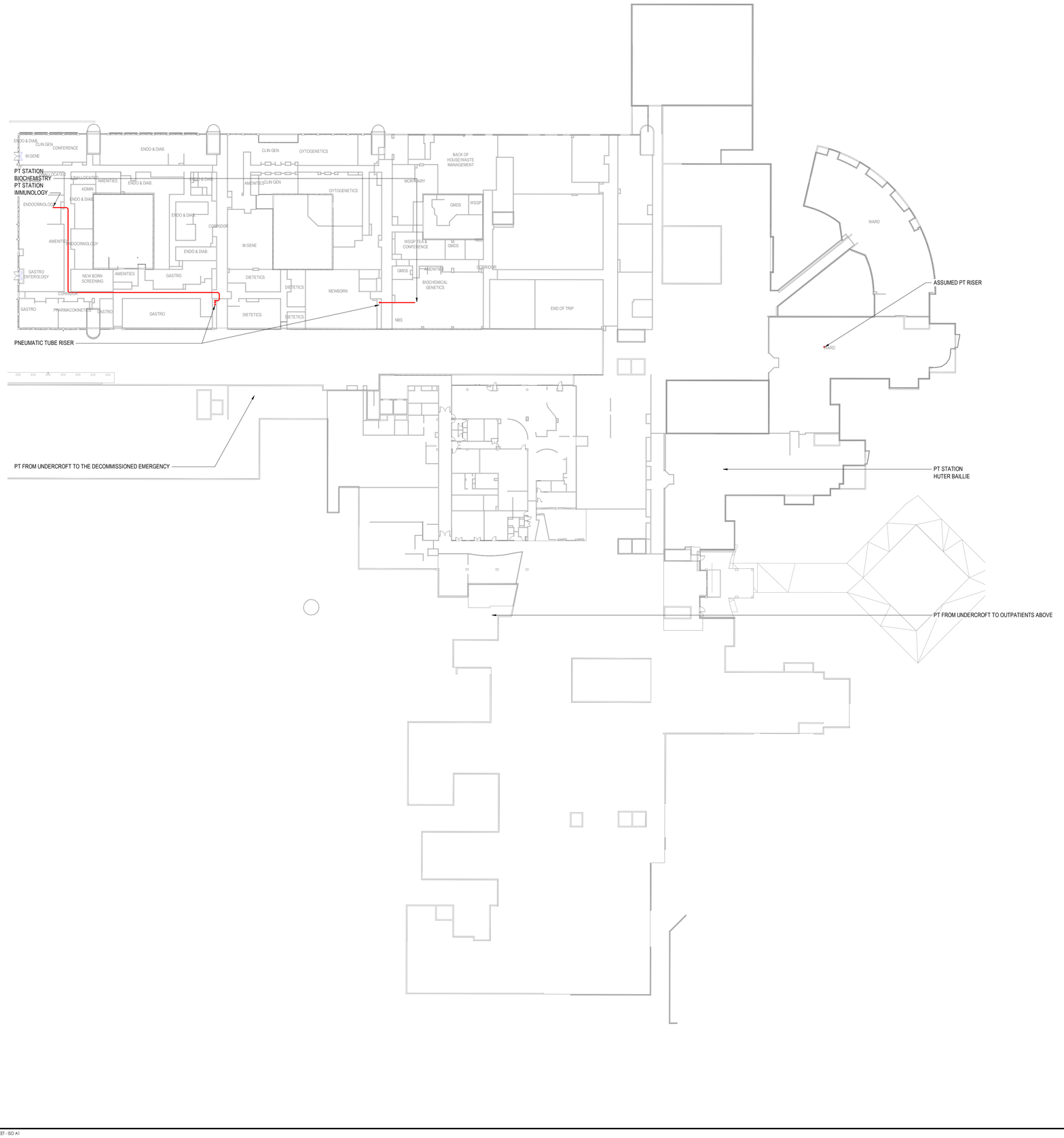
Title

EXISTING LEVEL 00 PNUEMATIC TUBE - NEW PRICING SCOPE DEMOLITION

Project No.	Scale
301344311	1 : 500

Revision	Drawing No.
A	**CHW-STN-PT-DG-RFB-51-0000**

2/18/2022 4:34:15 PM
ORIGINAL SHEET - ISO A1



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Notes

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File Name: N/A	Author	Designer	Checker	02/08/22
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THE CHILDREN'S HOSPITAL WESTMEAD STAGE 2 REDEVELOPMENT

HAWKESBURY RD, WESTMEAD, NSW 2145

Title

EXISTING LEVEL 01 PNUEMATIC TUBE - NEW PRICING SCOPE DEMOLITION

Project No.	Scale
301344311	1 : 500

Revision	Drawing No.
A	**CHW-STN-PT-DG-RFB-51-0100**

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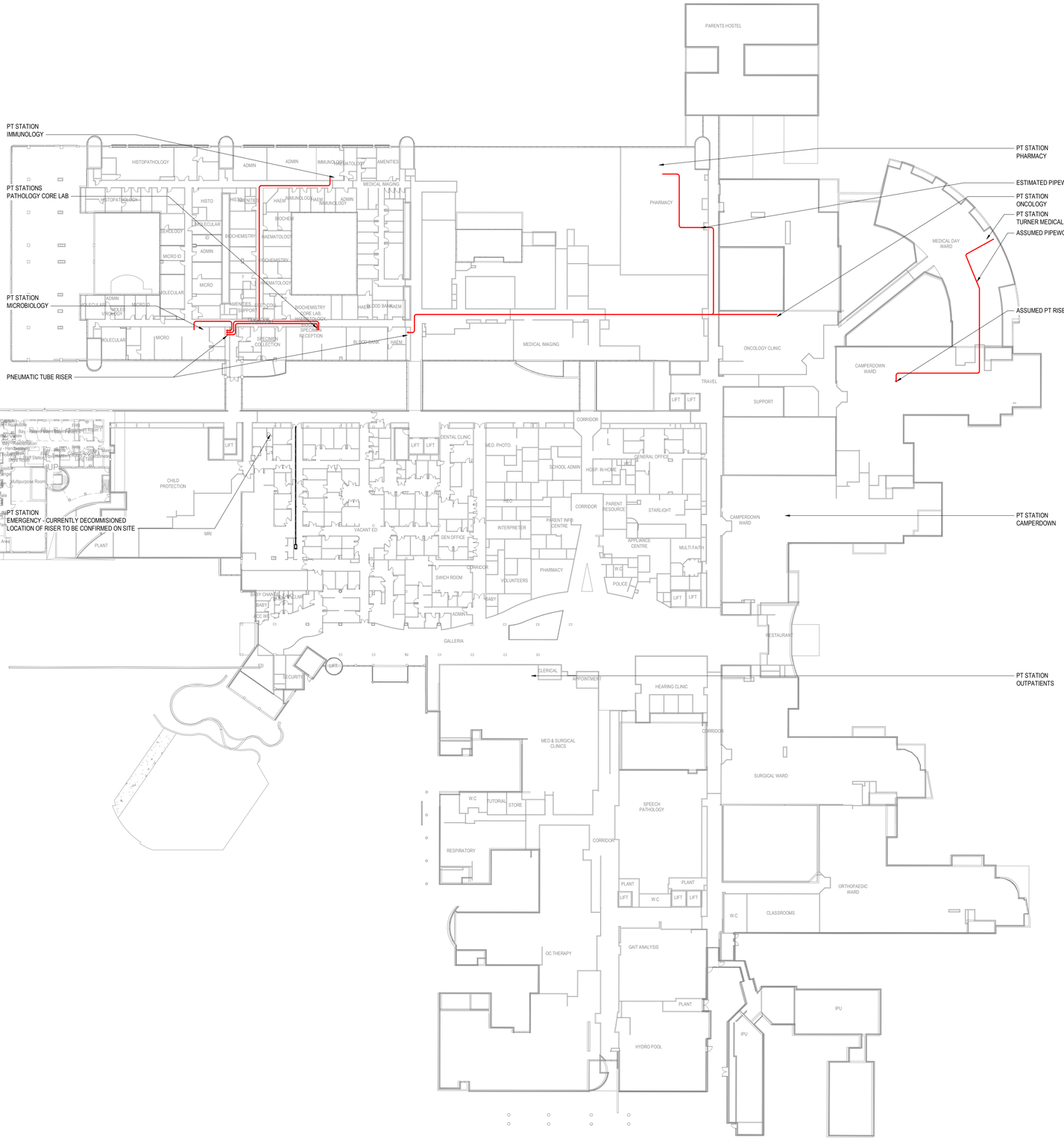

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	Issued/Revision	By	Appd	YYYY.MM.DD

File Name: N/A	Author	Designer	Checker	02/08/22
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Architects & Urban Planners

NSW GOVERNMENT Health Infrastructure

Client/Project

HEALTH INFRASTRUCTURE NSW

THE CHILDREN'S HOSPITAL WESTMEAD STAGE 2 REDEVELOPMENT

HAWKESBURY RD, WESTMEAD, NSW 2145

Title

EXISTING LEVEL 02 PNUEMATIC TUBE - NEW PRICING SCOPE DEMOLITION

Project No.	Scale
301344311	1 : 500

Revision	Drawing No.
A	**CHW-STN-PT-DG-RFB-51-0200**

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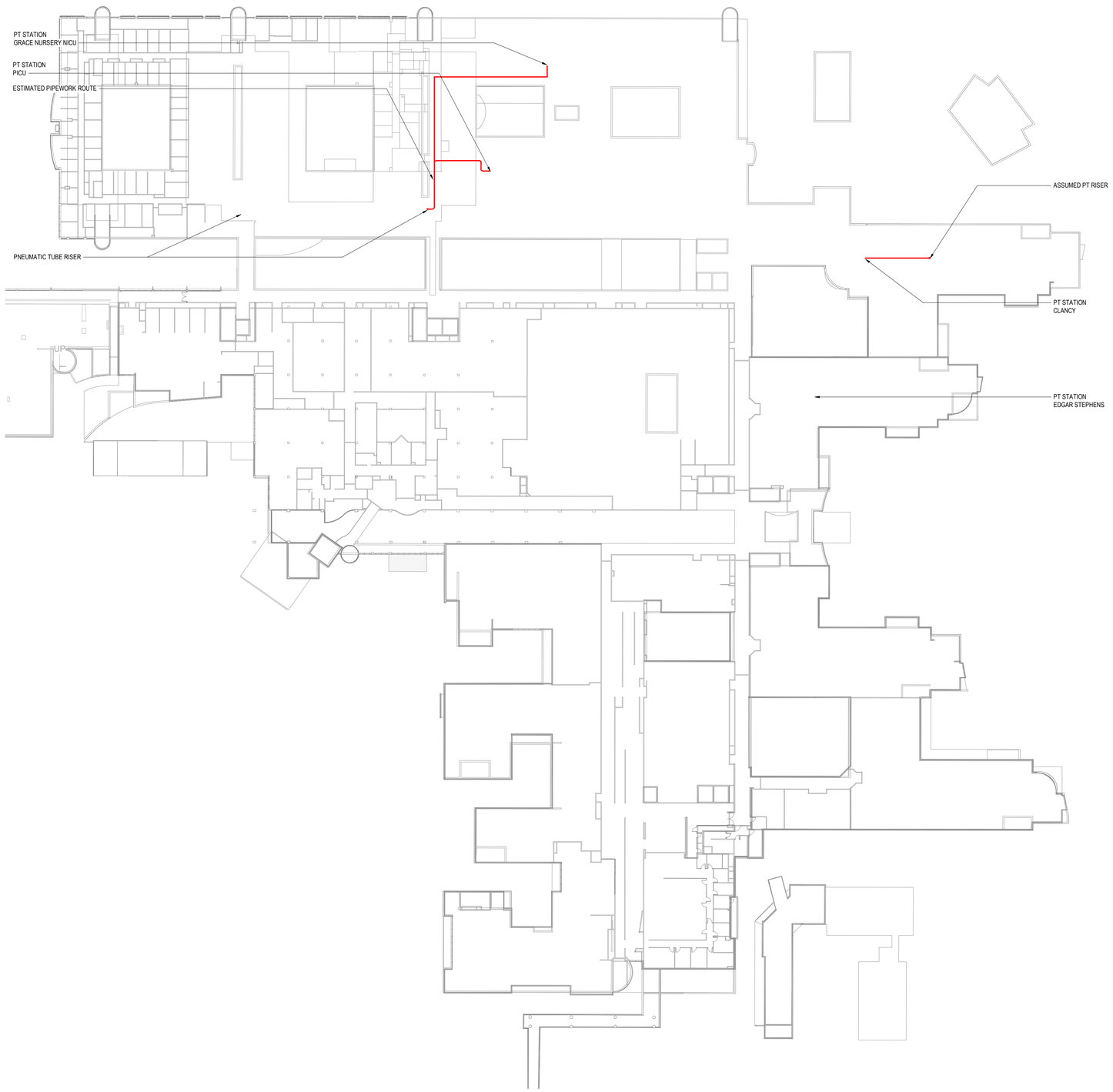
ORIGINAL SHEET - ISO A1



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HEALTH INFRASTRUCTURE NSW

THE CHILDREN'S HOSPITAL WESTMEAD STAGE 2 REDEVELOPMENT

HAWKESBURY RD, WESTMEAD, NSW 2145

Title

EXISTING LEVEL 03 PNUEMATIC TUBE - NEW PRICING SCOPE DEMOLITION

Project No.	Scale
301344311	1 : 500

Revision	Drawing No.
A	**CHW-STN-PT-DG-RFB-51-0300**

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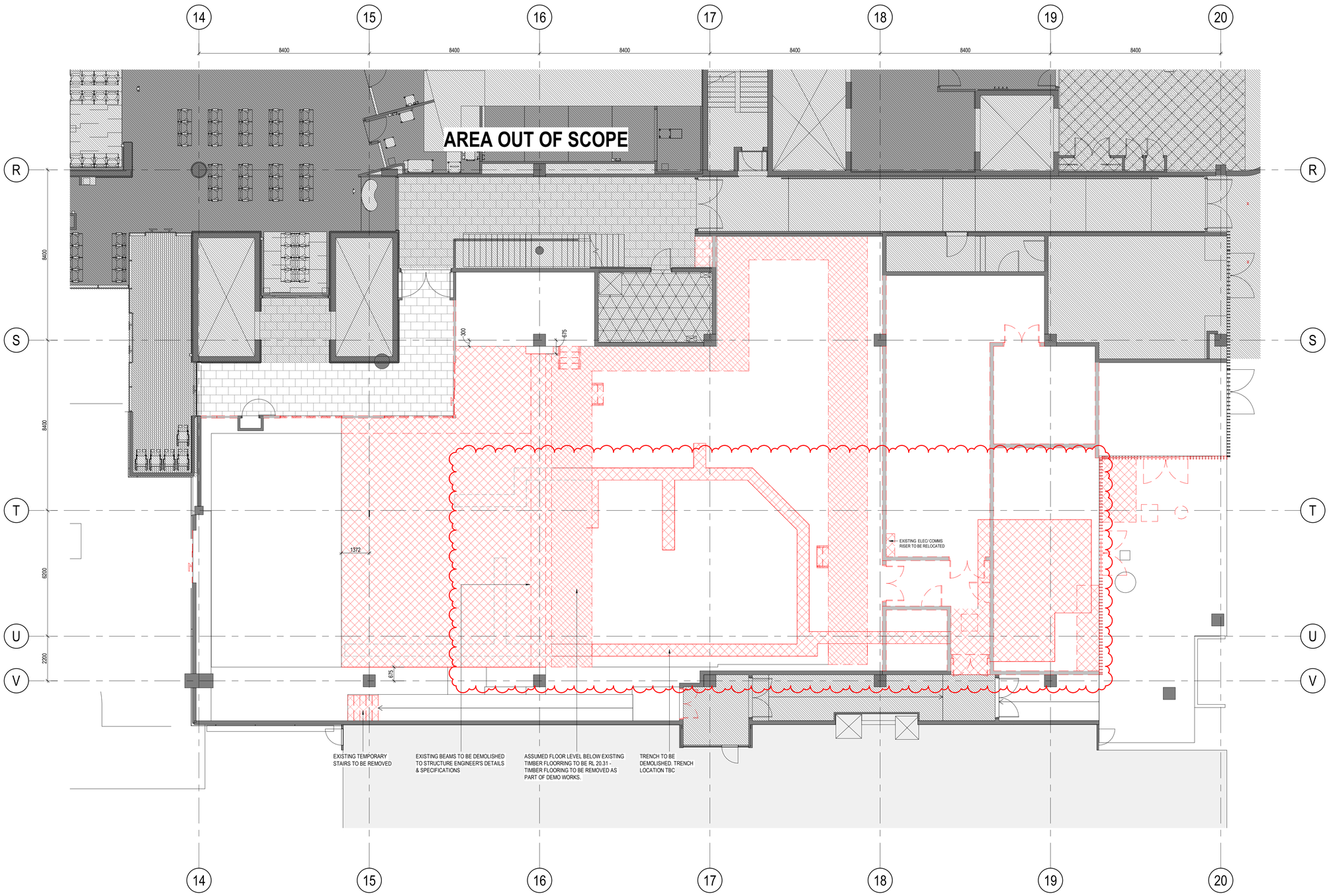
ORGINAL SHEET - ISO A1

GENERAL NOTES - SERIES A 0300 (DEMOLITION)

1. MAKE GOOD ALL EXISTING SURFACES IN PREPARATION FOR NEW WORKS.
2. MAKE GOOD ALL VOIDS IN CEILINGS LEFT BY DEMOLISHED WALLS.
3. DEMOLISH AND/OR REPLACE EXISTING SERVICES FIXTURES AS REQUIRED.CAP THE SERVICES IF NOT NEEDED REFER TO ENGINEER'S DRAWINGS FOR DETAILS.
4. REFER TO STRUCTURE ENGINEER'S DOCUMENTATION FOR ANY STRUCTURE DEMOLITION REQUIREMENTS TO ENSURE INTEGRITY IS MAINTAINED.
5. PLAN HAS BEEN PREPARED IN CONJUNCTION WITH THE SURVEY PROVIDED BY LTS DATED 22/06/2022 - REFERENCE NUMBER:32572-107INT
6. REFER TO CONTAMINATION REPORT AS PREPARED BY JBS&G REPORT DATED 17 DECEMBER 2021 FOR FURTHER DETAILS REGARDING DEMOLITION REQUIREMENTS OVER ABESTOS CONTAMINATED SITE



1 DEMOLITION PLAN IC - LEVEL 01

1 : 100

LEGEND - SERIES A 0300 (DEMOLITION)

- AREA OF SLAB TO BE DEMOLISHED
- AREA OF TIMBER STRUCTURE TO BE DISMOUNTED
- EXISTING WALLS TO BE DEMOLISHED
- EXISTING TO BE RETAINED

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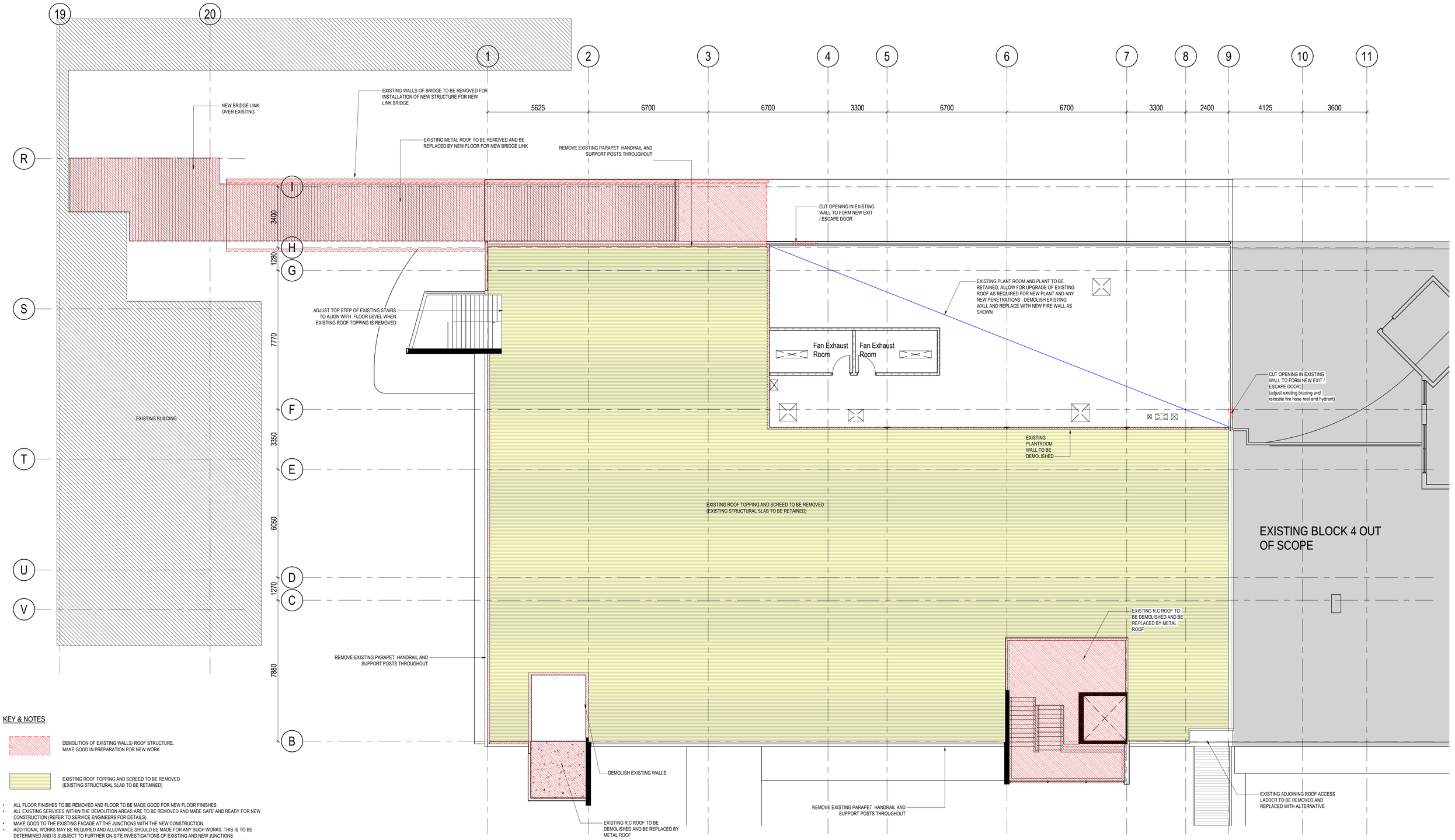
TRUE NORTH

REV	DATE	DESCRIPTION	DWN	CHK
01	02/05/22	FOR INFORMATION	FM	AC
	15/08/22	WIP ISSUE	MC	AC
	29/08/22	WIP ISSUE	RS	AC
	14/10/22	WIP ISSUE	MC	AC
02	21/10/22	DRAFT DESIGN DEVELOPMENT ISSUE	MC	AC
03	28/10/22	100% DESIGN DEVELOPMENT	MC / KD	AC
04	04/11/22	UPDATED 100% DESIGN DEVELOPMENT ISSUE	KD	AC

PROJECT:
CASB VVMF FITOUT
DRAWING TITLE:
DEMOLITION (IC) - LEVEL 01

PROJECT NUMBER: **10292941**
DRAWING NUMBER: **HDR-AR-DG-1-10301**
REVISION: **04**
STATUS: **100% DESIGN DEVELOPMENT ISSUE**
SCALE: **As indicated @ A1**

NSW GOVERNMENT Health Infrastructure
HDR
CLIENT:
Level 14, 77 Pacific Highway
North Sydney NSW 2060



KEY & NOTES

DEMOLITION OF EXISTING WALLS/ ROOF STRUCTURE. MAKE GOOD IN PREPARATION FOR NEW WORK

EXISTING ROOF TOPPING AND SCREED TO BE REMOVED (EXISTING STRUCTURAL SLAB TO BE RETAINED)

- ALL FLOOR FINISHES TO BE REMOVED AND FLOOR TO BE MADE GOOD FOR NEW FLOOR FINISHES
- ALL EXISTING SERVICES WITHIN THE DEMOLITION AREAS ARE TO BE REMOVED AND MADE SAFE AND READY FOR NEW CONSTRUCTION (REFER TO SERVICE ENGINEERS FOR DETAILS)
- MAKE GOOD TO THE EXISTING FACADE AT THE JUNCTIONS WITH THE NEW CONSTRUCTION
- ADDITIONAL WORKS MAY BE REQUIRED AND ALLOWANCE SHOULD BE MADE FOR ANY SUCH WORKS. THIS IS TO BE DETERMINED AND IS SUBJECT TO FURTHER ON-SITE INVESTIGATIONS OF EXISTING AND NEW JUNCTIONS
- TO ADDRESS ANY RISK FROM ASBESTOS, TENDERERS SHOULD PROVIDE A COMPREHENSIVE RISK ASSESSMENT MANAGEMENT PLAN AND SAFE WORKING METHODOLOGY AS PART OF THEIR OVERALL TENDER SUBMISSION
- HDR WILL TAKE NO RESPONSIBILITY FOR WHAT MAY BE ENCOUNTERED OR UNCOVERED DURING THE DEMOLITION WORKS
- THE EXTENT OF DEMOLITION ON THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ALL CONSULTANTS DOCUMENTATION
- TEMPORARY WATERPROOFING TO BE APPLIED DURING DEMOLITION TO ENSURE WATER TIGHTNESS FOR OPERATIONAL LEVELS BELOW. ANY DAMANAGES TO EXISTING WATERPROOFING DUE TO DEMOLITION / CONSTRUCTION MUST BE REPAIRED TO EQUAL OF HIGHER STANDARDS THAT COMPLIES WITH THE BCA & AS REQUIREMENTS

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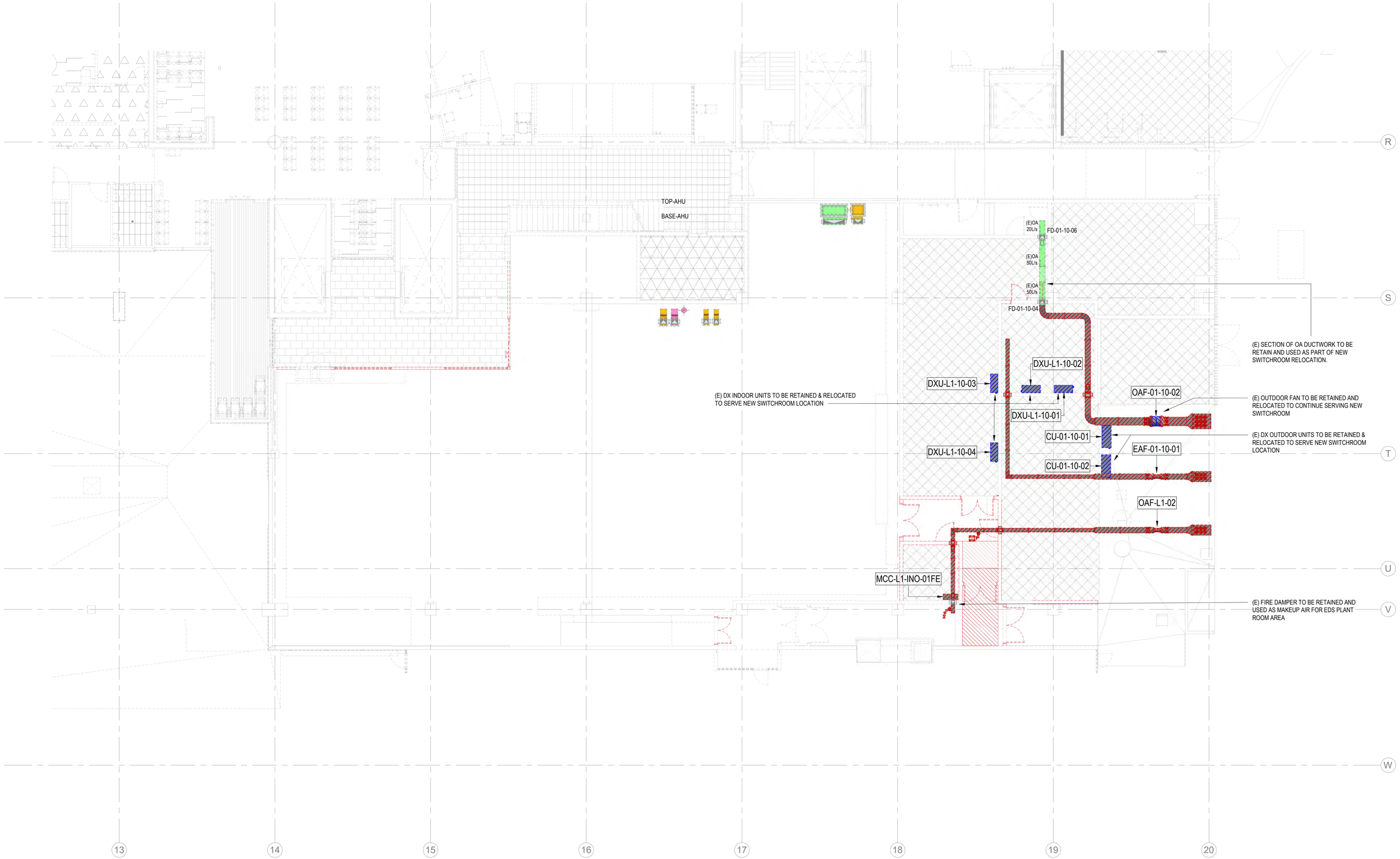
REV	DATE	DESCRIPTION	CHK	ISSUED
01	03/11/21	ISSUED FOR SCHEMATIC DESIGN	TB	HDR
02	31/01/22	ISSUED FOR 90% DESIGN DEVELOPMENT	SS	AC
03	21/02/22	FINAL DESIGN DEVELOPMENT ISSUE	SS	AC

PROJECT:
WESTMEAD VVMF
DRAWING TITLE:
DEMOLITION PLAN (KR) - LEVEL 04

PROJECT NUMBER: 10292941
DRAWING NUMBER: HDR-AR-DG-20340
REVISION: 03
STATUS: DESIGN DEVELOPMENT
SCALE: 1 : 100 @ A1

NSW GOVERNMENT Health Infrastructure

CLIENT:
Level 14, 77 Pacific Highway
North Sydney NSW 2060



DESIGNED UNDER QUALITY SYSTEM CERTIFIED AS COMPLYING WITH ISO 9001 BY AN ACCREDITED CERTIFICATION BODY

100% DD ISSUE

AMENDMENTS

REV	DESCRIPTION	DATE
A	100% DD ISSUE	28.11.2022

NOTES

Copenhagen
London
Sydney
Hong Kong
New York

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STEENSEN VARMING

PROJECT
VIRAL VECTOR MANUFACTURING FACILITY
WESTMEAD HOSPITAL, NSW 2145

DRAWING TITLE
MECHANICAL SERVICES
DEMOLITION LAYOUT - LEVEL 1

0 5m 10m

A1

DATE	DRAWN	DESIGNED	CHECKED	APPROVED	SCALE
28.11.2022	ALO	DC	MC	MC	1 : 100

NORTHPOINT	PROJECT No.	DRAWING No.	REVISION
	217130	M-1100	A

BIM 360://10292941_WM_Viral_Vector_2020/M-VV-CASB.rvt

DESIGN, FINALISATION AND CONSTRUCT NOTES

1. STANTECS ROLE ON THIS PROJECT IS TO PRODUCE DF&C ENGINEERING SERVICES DESIGN SUITABLE FOR PRICING PURPOSES AND OUR AGREEMENT DOES NOT INCLUDE AN ALLOWANCE FOR THE BUILDER'S OR DEVELOPER'S COMMERCIAL RISKS ON THE PROJECT. UNDER THIS DF&C CONTRACT, THE MECHANICAL CONTRACTOR AND HEAD CONTRACTOR SHALL UNDERSTAND THAT THE DOCUMENTATION IS NOT COMPLETE AND THEY SHALL MAKE DUE CONSIDERATION OF RISKS AND MAKE THEIR OWN JUDGEMENT ON THE COMPLETENESS OF DOCUMENTS AT THE TIME OF PRICING. IT IS LIKELY THAT ADDITIONAL COSTS WILL ARISE AS THE DESIGN AND DOCUMENTATION PHASE IS COMPLETED BY THE HEAD CONTRACTOR AND ASSOCIATED SUB-CONTRACTORS AS PART OF THE DESIGN FINALISATION STAGE. THIS IS CHARACTERISTIC OF THE DF&C PROCESS. THE HEAD CONTRACTOR AND MECHANICAL CONTRACTOR MUST ALLOW SUITABLE COST CONTINGENCIES CONSIDERING THE PROGRESS AND COMPLETENESS OF THE DOCUMENTATION AT THE TIME OF PRICING. STANTEC IS NOT LIABLE FOR ANY COST INCREASE DUE TO INITIAL PRICING BEING BASED ON DOCUMENTATION THAT IS NOT FULLY COMPREHENSIVE. THE MECHANICAL CONTRACTOR'S PRICE SHALL ALLOW SUFFICIENT CONTINGENCY TO COVER THE RISK DUE TO THE NATURE OF THE DOCUMENTS BEING A DF&C PACKAGE.

2. GIVEN THE DF&C NATURE OF THIS PROJECT, THE CONTRACTOR MUST INSPECT THE EXISTING SITE TO FAMILIARISE THEMSELVES WITH THE SITE, UNDERSTANDING THE SCOPE OF THE PROPOSED SERVICES AND THE COMPLEXITIES SURROUNDING ITS INSTALLATION, EXTENT OF EXISTING SERVICES AND DEMOLITION SCOPE AND IMPORTANTLY TO ASCERTAIN ANY LATENT CONDITIONS THAT COULD HINDER SERVICES DESIGN AND INSTALLATION. SITE INSPECTION MUST BE CARRIED OUT PRIOR TO SIGNING OF CONTRACT. NO VARIATIONS WILL BE ALLOWED WHATSOEVER RESULTING FROM LACK OF SITE KNOWLEDGE ON THE PART OF THE DF&C CONTRACTOR. ANY VARIATIONS RESULTING FROM LACK OF SITE KNOWLEDGE WILL BE THE RESPONSIBILITY OF THE DF&C CONTRACTOR.

NOTES

1. FOR PIPEWORK SIZES, REFER TO SCHEMATIC DRAWINGS
2. PROVIDE FIRE COLLARS TO ALL PIPEWORK CROSSING FIRE WALLS
3. ALL PIPEWORK AND FITTINGS TO BE METAL CLAD IN ACCORDANCE WITH THE PROJECT SPECIFICATION AND WHERE EXPOSED TO MECHANICAL DAMAGE OR ON VIEW

DEMOLITION NOTES

1. EXISTING CONDITION ASSESSMENTS SUCH AS AIR FLOW VERIFICATION ARE TO OCCUR PRIOR TO ANY DEMOLITION WORKS.

2. CONTRACTOR TO DECOMMISSION, MAKE SAFE AND REMOVE FROM SITE:
   - FANS AS NOTED FROM THE DRAWINGS
   - AIR CONDITIONING EQUIPMENT INCLUDING FAN COIL UNITS AS NOTED ON THE DRAWINGS
   - POWER AND CONTROLS CABLING TO MECHANICAL EQUIPMENT
   - CONDENSATE DRAINAGE FROM MECHANICAL EQUIPMENT INCLUDING DRIP TRAYS AND PIPEWORK TO TUNDISH
   - TEMPERATURE AND HUMIDITY SENSORS UNLESS NOTED OTHERWISE
   - DUCTWORK FOR SUPPLY, EXHAUST AND OUTSIDE AIR SYSTEMS. LIST IS NOT EXHAUSTIVE. CONTRACTOR TO CONFIRM BY WAY OF DETAILED SURVEY
   - PIPEWORK AND ASSOCIATED VALVES AND SUPPORTS FOR FAN COIL UNITS. CONTRACTOR TO CONFIRM BY WAY OF DETAILED SURVEY
   - CONSULT WITH THE PRINCIPAL AS TO RETENTION OF REDUNDANT EQUIPMENT AND MATERIAL. PLACE DEMOLISHED GOODS IN STORE AS DIRECTED BY THE PRINCIPAL, REMOVE AND DISPOSE OF ALL OTHER REDUNDANT GOODS

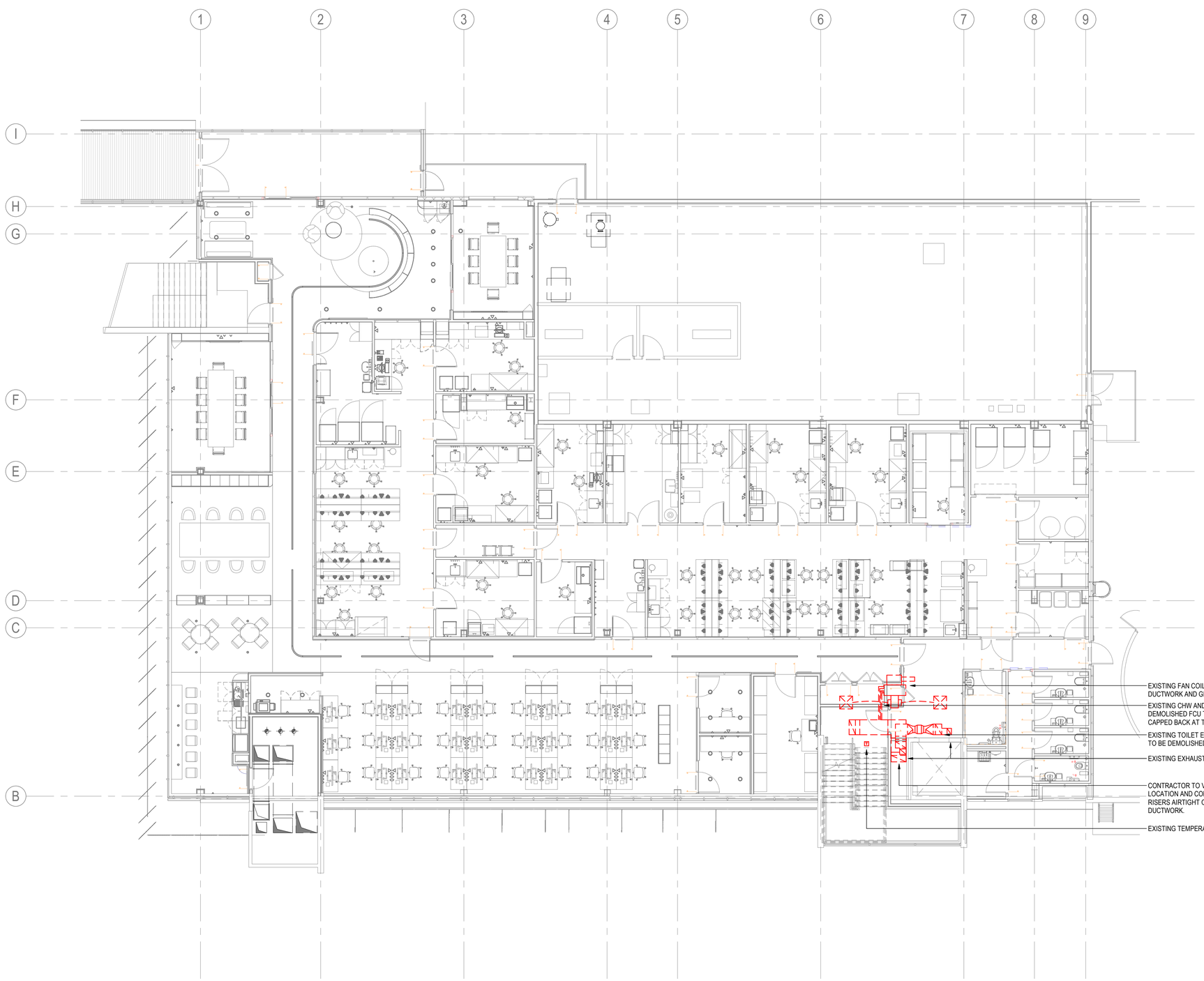
3. LOCATION OF EXISTING SERVICES ARE APPROXIMATE. THE EXACT LOCATIONS AND EXTENT OF EXISTING EQUIPMENT SHALL BE VERIFIED ON SITE BY THE MECHANICAL CONTRACTOR PRIOR WORKS COMMENCING.

4. EXISTING REFURBISHMENT WORKS HAVE BEEN LIMITED TO SITE INVESTIGATIONS RESTRICTED BY CEILING AND DEPARTMENTAL ACCESS AS WELL AS AVAILABILITY OF EXISTING AS BUILT DOCUMENTATION AND CEILING SCAN SURVEY. FURTHER INVESTIGATION REQUIRED BY CONTRACTOR TO CONFIRM SCOPE.

5. CONTRACTOR TO CONFIRM EXISTING FIRE AND SMOKE DAMPER INSTALLATION AND CONDITION. ALLOW TO REPLACE IF DAMPERS ARE INOPERABLE.

6. CEILINGS, WALLS AND FLOR FINISHES ARE TO BE MADE GOOD AFTER WORKS COMPLETION IN OUTSIDE OF SCOPE AREAS.

MINIMISATION OF DISTURBANCE
THE CONTRACTOR SHALL MINIMISE DOWNTIME BY COORDINATING THE TIME OF THE DEMOLITION WORKS WITH THE HOSPITAL SERVICE DEPARTMENT. WORK METHOD STATEMENT TO BE PROVIDED FOR SIGN OFF BY CLIENT (BUILDER) AND HOSPITAL PRIOR TO COMMENCING DEMOLITION.



Notes

A	100% DESIGN DEVELOPMENT ISSUE	ND	LA	2022.02.21
Issued/Revision		By	Appd	YYYY.MM.DD

Issue Status

PRELIMINARY

NOT FOR TENDER

This document is suitable only for the purpose noted above.
Use of this document for any other purpose is not permitted.

Colour Disclaimer
This drawing has been documented in colour. This drawing is required to be printed in colour. Failure to do so may result inloss of information. Black and white printing may be used if specific black and white documents have been obtained from Stantec

Notes

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Client/Arch

NSW GOVERNMENT Health Infrastructure

HDR

Client/Project

NSW HEALTH INFRASTRUCTURE

WESTMEAD VIRAL VECTOR MANUFACTURING FACILITY

MECHANICAL SERVICES

File Name: N/A	PH	LA	KPR	2022.02.21
	Dwn.	Dsgn.	Chkd.	YYYY.MM.DD

Title

KIDS RESEARCH LEVEL 4 - STAGE 2A - DEMOLITION LAYOUT

Project No.	Scale
301350552	1 : 100
Revision	**Drawing No.**
A	**ME-104-00**

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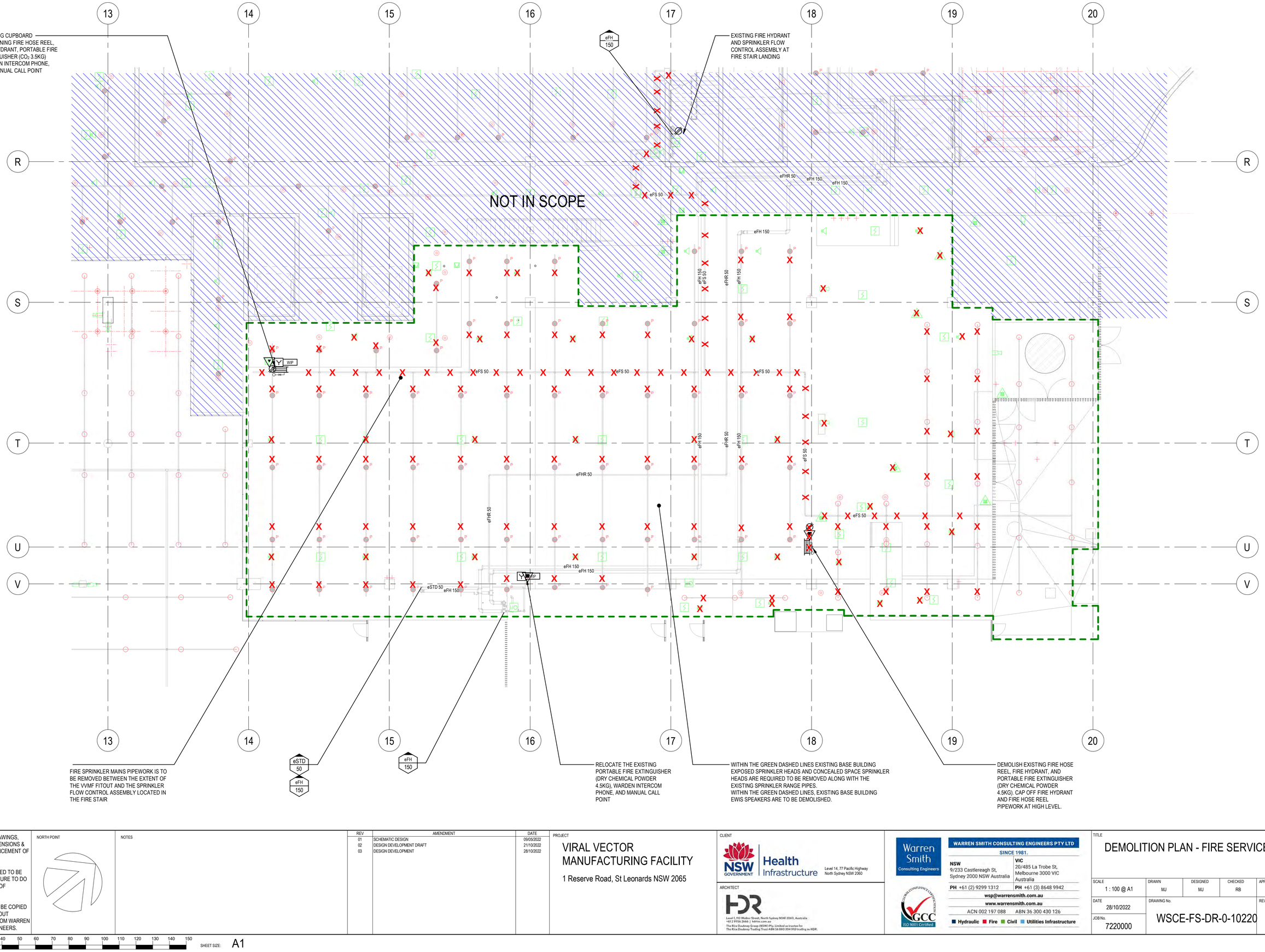
ORIGINAL SHEET - ISO A1



NORTH POINT

NOTES

REV	AMENDMENT	DATE
01	SCHEMATIC DESIGN	09/05/2022
02	DESIGN DEVELOPMENT DRAFT	21/10/2022
03	DESIGN DEVELOPMENT	28/10/2022

PROJECT

VIRAL VECTOR MANUFACTURING FACILITY

1 Reserve Road, St Leonards NSW 2065

CLIENT

NSW GOVERNMENT Health Infrastructure

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ARCHITECT

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Warren Smith Consulting Engineers

GCC ISO 9001 Certified

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ACN 002 197 088 ABN 36 300 430 126

Hydraulic Fire Civil Utilities Infrastructure

TITLE

DEMOLITION PLAN - FIRE SERVICES

SCALE	DRAWN	DESIGNED	CHECKED	APPROVED
1 : 100 @ A1	MJ	MJ	RB	DB

DATE	DRAWING No.	REV
28/10/2022	WSCE-FS-DR-0-10220	03

JOB No. 7220000

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NOT IN SCOPE

REFER TO DRAWINGS WSCE-HS-DR-1-10300 FOR HIGH-LEVEL DIVERSION OF GREASE WASTE AND SANITARY DRAINAGE.

DEMOLISH VERTICAL RISER AND CAP UNDER LEVEL 02

REFER TO AXIS PLUMBING WORK AS EXECUTED DRAWING NUMBER CASB-AXS-HY-DG-5206 FOR CONTINUATION OF EXISTING SEWER SERVICE.

REFER TO DRAWINGS WSCE-HS-DR-1-10300 FOR HIGH-LEVEL DIVERSION OF GREASE WASTE AND SANITARY DRAINAGE.

IN-GROUND GREASE WASTE AND TRADE PIPEWORK TO BE DISUSED DEMOLISHED AND CAPPED ABOVE L1 SLAB. IN-GROUND SEWER TO BE RETAINED AND CONTINUED TO BE USED.

DEMOLISH EXISTING CLEAR OUT SO IT DOES NOT ENTER THE LAB SPACE

UNKNOWN STORMWATER ASSUMED DISUSE. REFER TO CIVIL ENGINEER DRAWING FOR DETAIL

IN-GROUND SEGMENT OF EXISTING IN-GROUND REDUCED AIR VELOCITY STACK AND VENT TO BE DISUSED AND CAPPED. STACKS AND VENTS TO BE CUT AND CAPPED ABOVE LEVEL 1 SLAB. REFER TO DRAWINGS WSCE-HS-DR-1-10300 FOR HIGH-LEVEL STACK DIVERSION.

OVERFLOW GULLY TO BE RELOCATED OUTSIDE BUILDING. REFER TO DRAWINGS WSCE-HS-DR-1-10100 AND WSCE-HS-DR-2-10100 FOR DIVERSION.

FOR ALL EXISTING STORMWATER DETAILS REFER TO THE ARUP CIVIL DRAWINGS. (TYPICAL) ARUP CIVIL STORMWATER HAS BEEN SHOWN ON THE HYDRAULIC DRAWINGS FOR COORDINATION ONLY

CAP EXISTING DRAINAGE

INGROUND GREASE ARRESTOR CHAMBER VENT & DILUTION TANK CHAMBER VENT TO BE DISUSED / DEMOLISHED AND CAPPED ABOVE LEVEL 01

DO NOT SCALE FROM DRAWINGS, CHECK & VERIFY ALL DIMENSIONS & LEVELS BEFORE COMMENCEMENT OF ANY WORK.

THIS DRAWING IS REQUIRED TO BE PRINTED IN COLOUR. FAILURE TO DO SO MAY RESULT IN LOSS OF INFORMATION.

NORTH POINT

NOTES

DRAWING HAS ON EXISTING WAE SURVEY UNDER LAYD

REV	AMENDMENT	DATE
01	SCHEMATIC DESIGN	29/04/2022
02	DRAFT DESIGN DEVELOPMENT ISSUE	21/10/2022
03	100% DESIGN DEVELOPMENT ISSUE	28/10/2022
04	100% DESIGN DEVELOPMENT RE-ISSUE	04/11/2022

PROJECT

VIRAL VECTOR MANUFACTURING FACILITY

176 Hawkesbury Rd, Westmead NSW 2145

CLIENT

NSW GOVERNMENT Health Infrastructure

1 Reserve Road St Leonards NSW 2065

ARCHITECT

HDR

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The Rice Daubney Group (NSW) Pty. Limited as trustee for The Rice Daubney Trading Trust ABN 56 880 304 992 trading as HDR.

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Hydraulic Fire Civil Utilities Infrastructure

GCC ISO-9001 Certified

TITLE

DEMOLITION PLAN - INGROUND SERVICES

SCALE	DRAWN	DESIGNED	CHECKED	APPROVED
1 : 100 @ A1	RB	VG	TW	

DATE	DRAWING No.	REV
04/11/2022	WSCE-HS-DR-0-10210	04

JOB No. 7220000

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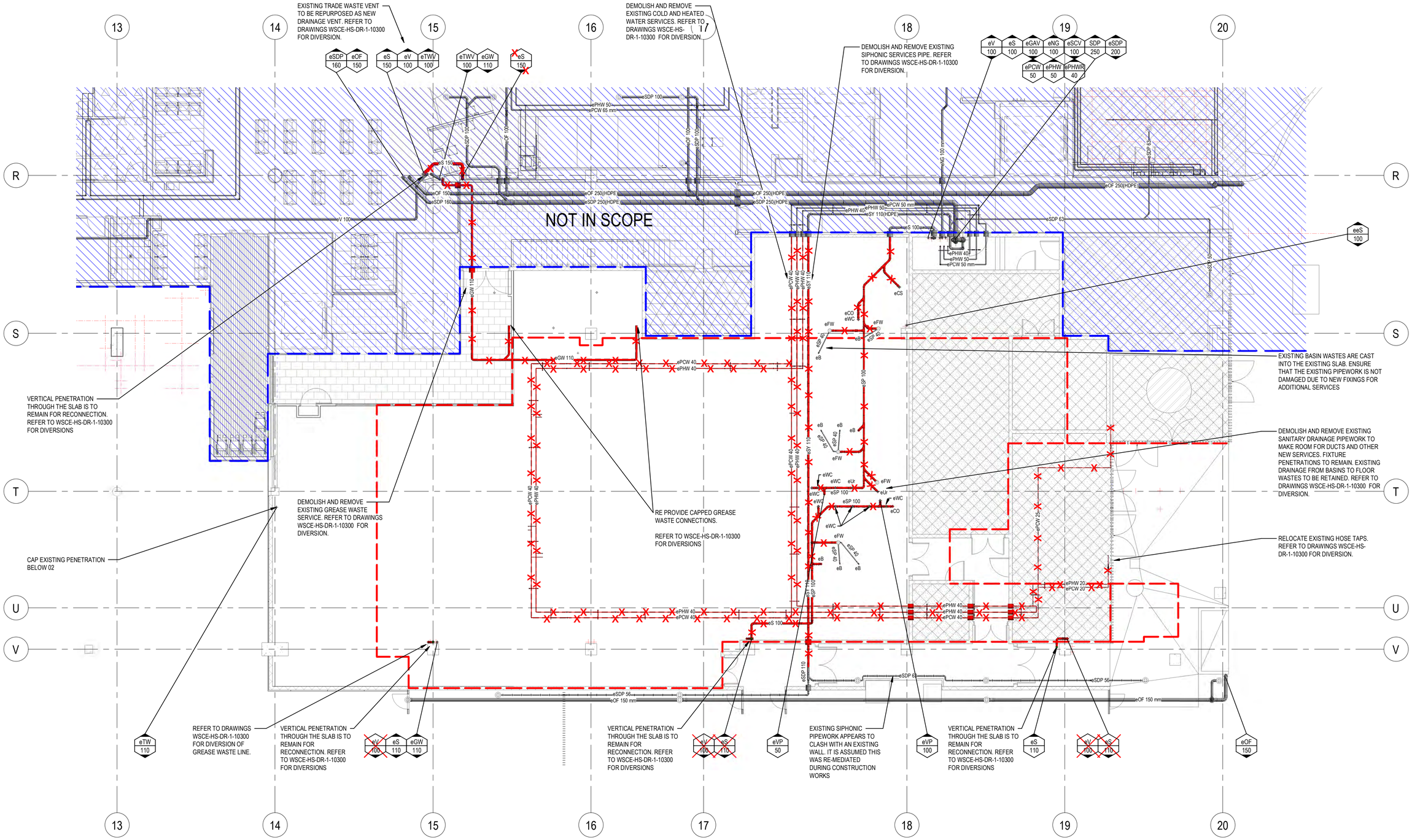

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NORTH POINT

NOTES

DRAWING HAS ON EXISTING WAE SURVEY UNDER LAYD

REV	AMENDMENT	DATE
01	SCHEMATIC DESIGN	29/04/2022
02	DRAFT DESIGN DEVELOPMENT ISSUE	21/10/2022
03	100% DESIGN DEVELOPMENT ISSUE	28/10/2022
04	100% DESIGN DEVELOPMENT RE-ISSUE	04/11/2022

PROJECT

VIRAL VECTOR MANUFACTURING FACILITY

176 Hawkesbury Rd, Westmead NSW 2145

CLIENT

NSW GOVERNMENT Health Infrastructure

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ARCHITECT

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Hydraulic Fire Civil Utilities Infrastructure

TITLE

DEMOLITION PLAN - SUSPENDED SERVICES

SCALE	DRAWN	DESIGNED	CHECKED	APPROVED
1 : 100 @ A1	RB	VG	TW	

DATE	DRAWING No.	REV
04/11/2022	WSCE-HS-DR-0-10220	04

JOB No. 7220000

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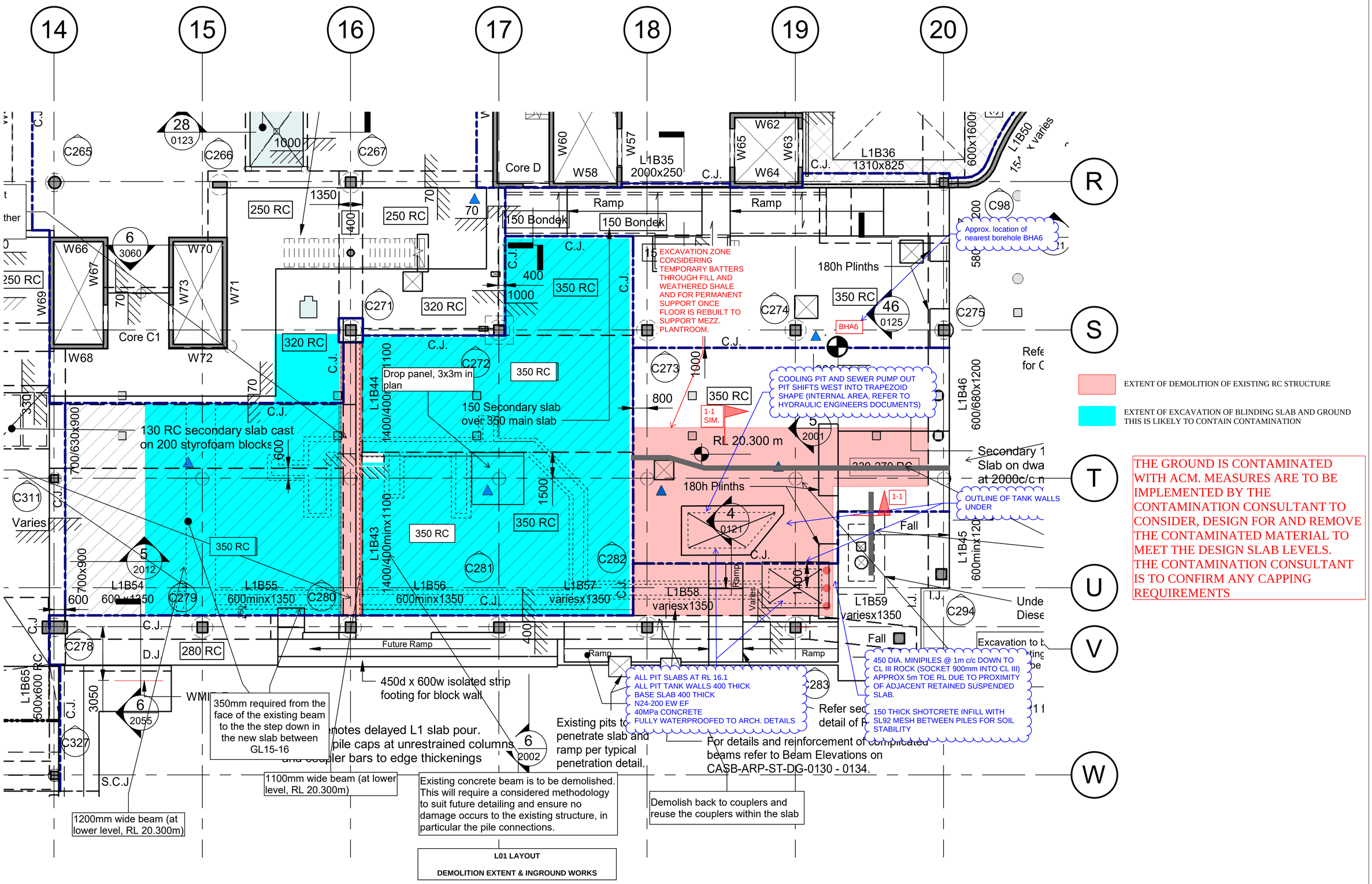


L01 LAYOUT

DEMOLITION EXTENT & INGROUND WORKS

Issue	Date	
2	28/10/2022	100% Design Development
1	21/10/2022	100% Design Development

ARUP

151 Clarence Street
Sydney NSW 2000
Tel +61 (2)9320 9320
www.arup.com

Client: NSW GOVERNMENT Health Infrastructure
Level 14, 77 Pacific Highway
North Sydney NSW 2060

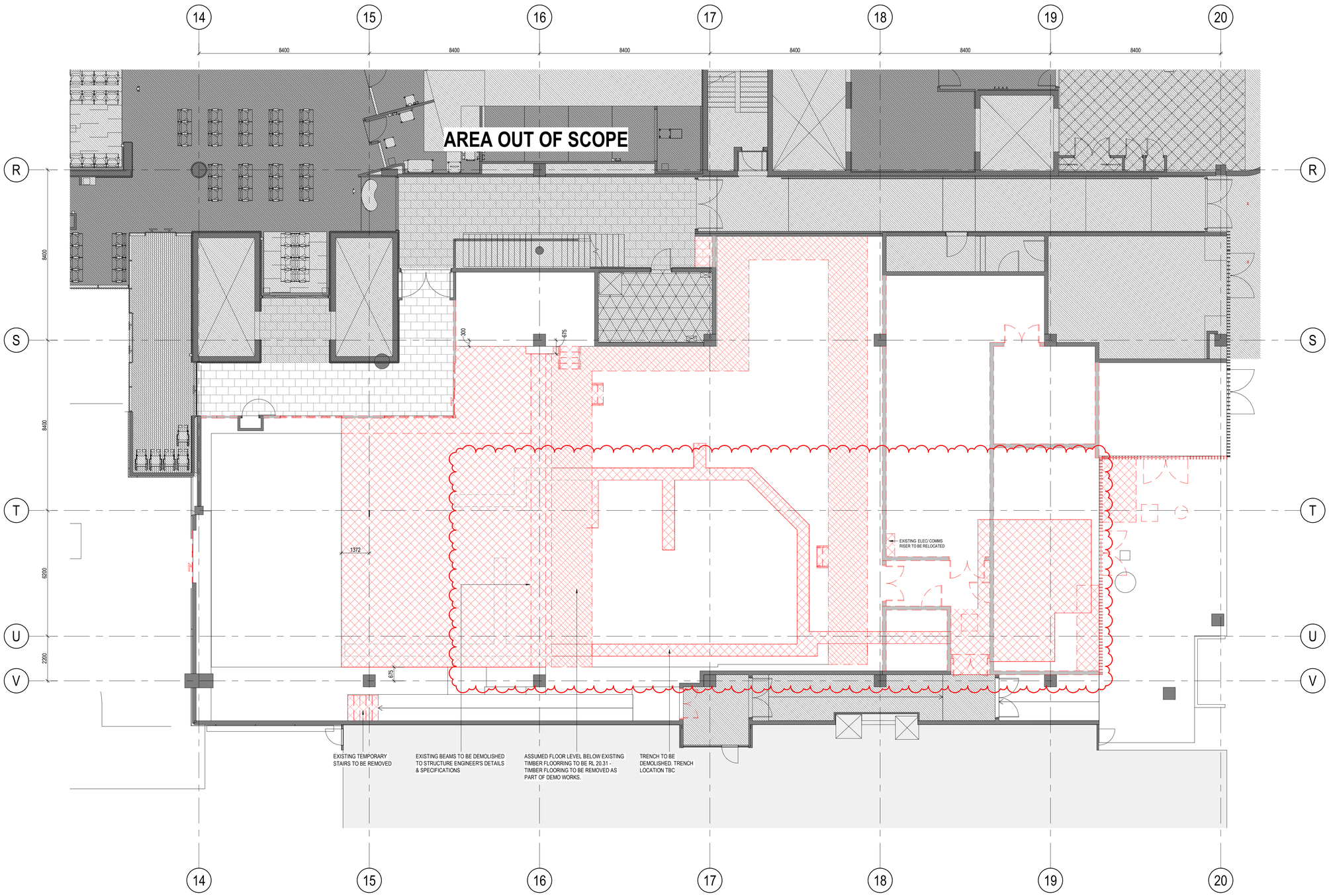
Project Title: Viral Vector Manufacturing Facility (VVMF)

Drawing Title: L01 Demolition Extent & Inground Works

Scale at A1:
Dsg/Drw/Chkd/Ap: NM/CS/NM/NM
Role: Structural
Status: 100% Design Development
Arup Job No: 283812
Rev: 2
ID: ARP-ST-DG-1000

GENERAL NOTES - SERIES A 0300 (DEMOLITION)

1. MAKE GOOD ALL EXISTING SURFACES IN PREPARATION FOR NEW WORKS.
2. MAKE GOOD ALL VOIDS IN CEILINGS LEFT BY DEMOLISHED WALLS.
3. DEMOLISH AND/OR REPLACE EXISTING SERVICES FIXTURES AS REQUIRED.CAP THE SERVICES IF NOT NEEDED REFER TO ENGINEER'S DRAWINGS FOR DETAILS.
4. REFER TO STRUCTURE ENGINEER'S DOCUMENTATION FOR ANY STRUCTURE DEMOLITION REQUIREMENTS TO ENSURE INTEGRITY IS MAINTAINED.
5. PLAN HAS BEEN PREPARED IN CONJUNCTION WITH THE SURVEY PROVIDED BY LTS DATED 22/06/2022 - REFERENCE NUMBER:32572-107INT
6. REFER TO CONTAMINATION REPORT AS PREPARED BY JBS&G REPORT DATED 17 DECEMBER 2021 FOR FURTHER DETAILS REGARDING DEMOLITION REQUIREMENTS OVER ABESTOS CONTAMINATED SITE



1 DEMOLITION PLAN IC - LEVEL 01

1 : 100

LEGEND - SERIES A 0300 (DEMOLITION)

- AREA OF SLAB TO BE DEMOLISHED
- AREA OF TIMBER STRUCTURE TO BE DISMOUNTED
- EXISTING WALLS TO BE DEMOLISHED
- EXISTING TO BE RETAINED

11/4/2022 3:45:38 PM BIM 360://10292941_WM_Viral_Vector_2020/10292921-A-VV-CASB-EV1.rvt

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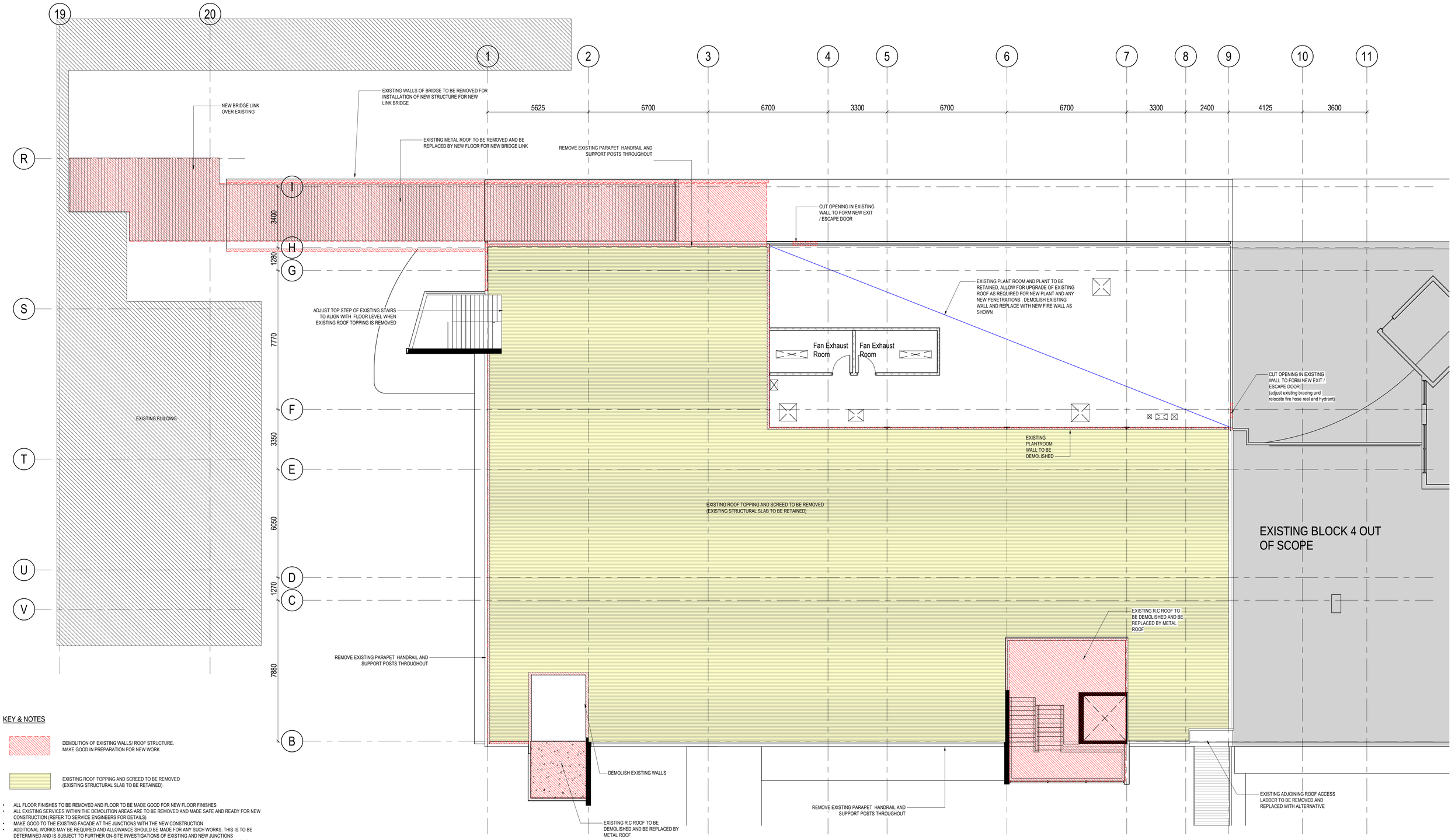
TRUE NORTH

REV	DATE	DESCRIPTION	DWN	CHK
01	02/05/22	FOR INFORMATION	FM	AC
	15/08/22	WIP ISSUE	MC	AC
	29/08/22	WIP ISSUE	RS	AC
	14/10/22	WIP ISSUE	MC	AC
02	21/10/22	DRAFT DESIGN DEVELOPMENT ISSUE	MC	AC
03	28/10/22	100% DESIGN DEVELOPMENT	MC / KD	AC
04	04/11/22	UPDATED 100% DESIGN DEVELOPMENT ISSUE	KD	AC

PROJECT:
CASB VVMF FITOUT
DRAWING TITLE:
DEMOLITION (IC) - LEVEL 01

PROJECT NUMBER: **10292941**
DRAWING NUMBER: **HDR-AR-DG-1-10301**
REVISION: **04**
STATUS: **100% DESIGN DEVELOPMENT ISSUE**
SCALE: **As indicated @ A1**

NSW GOVERNMENT Health Infrastructure
HDR
CLIENT:
Level 14, 77 Pacific Highway
North Sydney NSW 2060



KEY & NOTES

DEMOLITION OF EXISTING WALLS/ ROOF STRUCTURE. MAKE GOOD IN PREPARATION FOR NEW WORK

EXISTING ROOF TOPPING AND SCREED TO BE REMOVED (EXISTING STRUCTURAL SLAB TO BE RETAINED)

- ALL FLOOR FINISHES TO BE REMOVED AND FLOOR TO BE MADE GOOD FOR NEW FLOOR FINISHES
- ALL EXISTING SERVICES WITHIN THE DEMOLITION AREAS ARE TO BE REMOVED AND MADE SAFE AND READY FOR NEW CONSTRUCTION (REFER TO SERVICE ENGINEERS FOR DETAILS)
- MAKE GOOD TO THE EXISTING FACADE AT THE JUNCTIONS WITH THE NEW CONSTRUCTION
- ADDITIONAL WORKS MAY BE REQUIRED AND ALLOWANCE SHOULD BE MADE FOR ANY SUCH WORKS. THIS IS TO BE DETERMINED AND IS SUBJECT TO FURTHER ON-SITE INVESTIGATIONS OF EXISTING AND NEW JUNCTIONS
- TO ADDRESS ANY RISK FROM ASBESTOS, TENDERERS SHOULD PROVIDE A COMPREHENSIVE RISK ASSESSMENT MANAGEMENT PLAN AND SAFE WORKING METHODOLOGY AS PART OF THEIR OVERALL TENDER SUBMISSION
- HDR WILL TAKE NO RESPONSIBILITY FOR WHAT MAY BE ENCOUNTERED OR UNCOVERED DURING THE DEMOLITION WORKS
- THE EXTENT OF DEMOLITION ON THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ALL CONSULTANTS DOCUMENTATION
- TEMPORARY WATERPROOFING TO BE APPLIED DURING DEMOLITION TO ENSURE WATER TIGHTNESS FOR OPERATIONAL LEVELS BELOW. ANY DAMANAGES TO EXISTING WATERPROOFING DUE TO DEMOLITION / CONSTRUCTION MUST BE REPAIRED TO EQUAL OF HIGHER STANDARDS THAT COMPLIES WITH THE BCA & AS REQUIREMENTS

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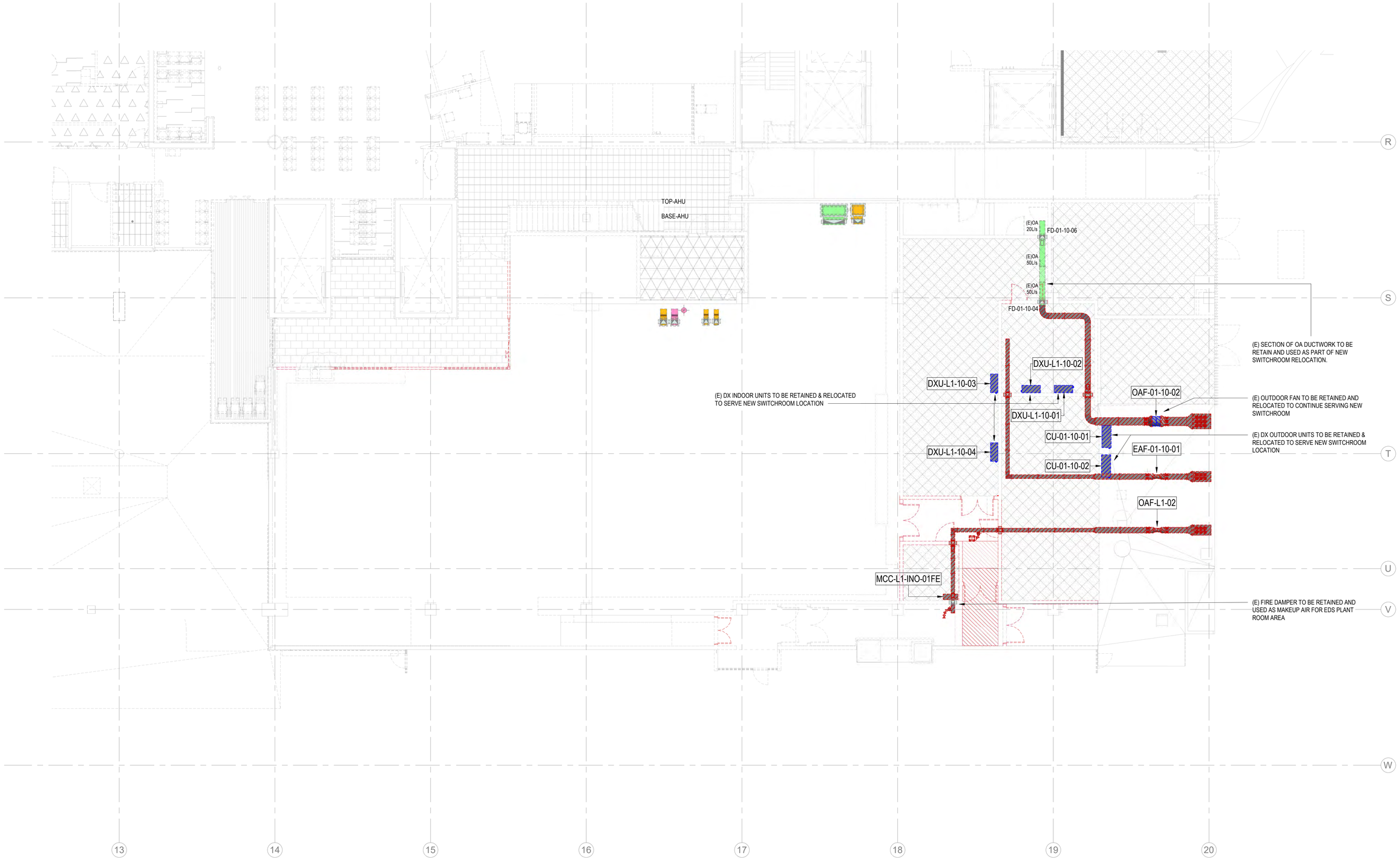
REV	DATE	DESCRIPTION	CHK	ISSUED
01	03/11/21	ISSUED FOR SCHEMATIC DESIGN	TB	HDR
02	31/01/22	ISSUED FOR 90% DESIGN DEVELOPMENT	SS	AC
03	21/02/22	FINAL DESIGN DEVELOPMENT ISSUE	SS	AC

PROJECT:
WESTMEAD VVMF
DRAWING TITLE:
DEMOLITION PLAN (KR) - LEVEL 04

PROJECT NUMBER: 10292941
DRAWING NUMBER: HDR-AR-DG-20340
REVISION: 03
STATUS: DESIGN DEVELOPMENT
SCALE: 1 : 100 @ A1

NSW GOVERNMENT Health Infrastructure

CLIENT:
Level 14, 77 Pacific Highway
North Sydney NSW 2060



DESIGNED UNDER QUALITY SYSTEM CERTIFIED AS COMPLYING WITH ISO 9001 BY AN ACCREDITED CERTIFICATION BODY

100% DD ISSUE

AMENDMENTS

REV	DESCRIPTION	DATE
A	100% DD ISSUE	28.11.2022

NOTES

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Sydney
Hong Kong
New York

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STEENSEN VARMING

PROJECT
VIRAL VECTOR MANUFACTURING FACILITY
WESTMEAD HOSPITAL, NSW 2145

DRAWING TITLE
MECHANICAL SERVICES
DEMOLITION LAYOUT - LEVEL 1

0 5m 10m

A1

DATE	DRAWN	DESIGNED	CHECKED	APPROVED	SCALE
28.11.2022	ALO	DC	MC	MC	1 : 100

NORTHPOINT	PROJECT No.	DRAWING No.	REVISION
	217130	M-1100	A

BIM 360://10292941_WM_Viral_Vector_2020/M-VV-CASB.rvt

DESIGN, FINALISATION AND CONSTRUCT NOTES

1. STANTECS ROLE ON THIS PROJECT IS TO PRODUCE DF&C ENGINEERING SERVICES DESIGN SUITABLE FOR PRICING PURPOSES AND OUR AGREEMENT DOES NOT INCLUDE AN ALLOWANCE FOR THE BUILDER'S OR DEVELOPER'S COMMERCIAL RISKS ON THE PROJECT. UNDER THIS DF&C CONTRACT, THE MECHANICAL CONTRACTOR AND HEAD CONTRACTOR SHALL UNDERSTAND THAT THE DOCUMENTATION IS NOT COMPLETE AND THEY SHALL MAKE DUE CONSIDERATION OF RISKS AND MAKE THEIR OWN JUDGEMENT ON THE COMPLETENESS OF DOCUMENTS AT THE TIME OF PRICING. IT IS LIKELY THAT ADDITIONAL COSTS WILL ARISE AS THE DESIGN AND DOCUMENTATION PHASE IS COMPLETED BY THE HEAD CONTRACTOR AND ASSOCIATED SUB-CONTRACTORS AS PART OF THE DESIGN FINALISATION STAGE. THIS IS CHARACTERISTIC OF THE DF&C PROCESS. THE HEAD CONTRACTOR AND MECHANICAL CONTRACTOR MUST ALLOW SUITABLE COST CONTINGENCIES CONSIDERING THE PROGRESS AND COMPLETENESS OF THE DOCUMENTATION AT THE TIME OF PRICING. STANTEC IS NOT LIABLE FOR ANY COST INCREASE DUE TO INITIAL PRICING BEING BASED ON DOCUMENTATION THAT IS NOT FULLY COMPREHENSIVE. THE MECHANICAL CONTRACTOR'S PRICE SHALL ALLOW SUFFICIENT CONTINGENCY TO COVER THE RISK DUE TO THE NATURE OF THE DOCUMENTS BEING A DF&C PACKAGE.

2. GIVEN THE DF&C NATURE OF THIS PROJECT, THE CONTRACTOR MUST INSPECT THE EXISTING SITE TO FAMILIARISE THEMSELVES WITH THE SITE, UNDERSTANDING THE SCOPE OF THE PROPOSED SERVICES AND THE COMPLEXITIES SURROUNDING ITS INSTALLATION, EXTENT OF EXISTING SERVICES AND DEMOLITION SCOPE AND IMPORTANTLY TO ASCERTAIN ANY LATENT CONDITIONS THAT COULD HINDER SERVICES DESIGN AND INSTALLATION. SITE INSPECTION MUST BE CARRIED OUT PRIOR TO SIGNING OF CONTRACT. NO VARIATIONS WILL BE ALLOWED WHATSOEVER RESULTING FROM LACK OF SITE KNOWLEDGE ON THE PART OF THE DF&C CONTRACTOR. ANY VARIATIONS RESULTING FROM LACK OF SITE KNOWLEDGE WILL BE THE RESPONSIBILITY OF THE DF&C CONTRACTOR.

NOTES

1. FOR PIPEWORK SIZES, REFER TO SCHEMATIC DRAWINGS
2. PROVIDE FIRE COLLARS TO ALL PIPEWORK CROSSING FIRE WALLS
3. ALL PIPEWORK AND FITTINGS TO BE METAL CLAD IN ACCORDANCE WITH THE PROJECT SPECIFICATION AND WHERE EXPOSED TO MECHANICAL DAMAGE OR ON VIEW

DEMOLITION NOTES

1. EXISTING CONDITION ASSESSMENTS SUCH AS AIR FLOW VERIFICATION ARE TO OCCUR PRIOR TO ANY DEMOLITION WORKS.

2. CONTRACTOR TO DECOMMISSION, MAKE SAFE AND REMOVE FROM SITE:
   - FANS AS NOTED FROM THE DRAWINGS
   - AIR CONDITIONING EQUIPMENT INCLUDING FAN COIL UNITS AS NOTED ON THE DRAWINGS
   - POWER AND CONTROLS CABLING TO MECHANICAL EQUIPMENT
   - CONDENSATE DRAINAGE FROM MECHANICAL EQUIPMENT INCLUDING DRIP TRAYS AND PIPEWORK TO TUNDISH
   - TEMPERATURE AND HUMIDITY SENSORS UNLESS NOTED OTHERWISE
   - DUCTWORK FOR SUPPLY, EXHAUST AND OUTSIDE AIR SYSTEMS. LIST IS NOT EXHAUSTIVE. CONTRACTOR TO CONFIRM BY WAY OF DETAILED SURVEY
   - PIPEWORK AND ASSOCIATED VALVES AND SUPPORTS FOR FAN COIL UNITS. CONTRACTOR TO CONFIRM BY WAY OF DETAILED SURVEY
   - CONSULT WITH THE PRINCIPAL AS TO RETENTION OF REDUNDANT EQUIPMENT AND MATERIAL. PLACE DEMOLISHED GOODS IN STORE AS DIRECTED BY THE PRINCIPAL, REMOVE AND DISPOSE OF ALL OTHER REDUNDANT GOODS

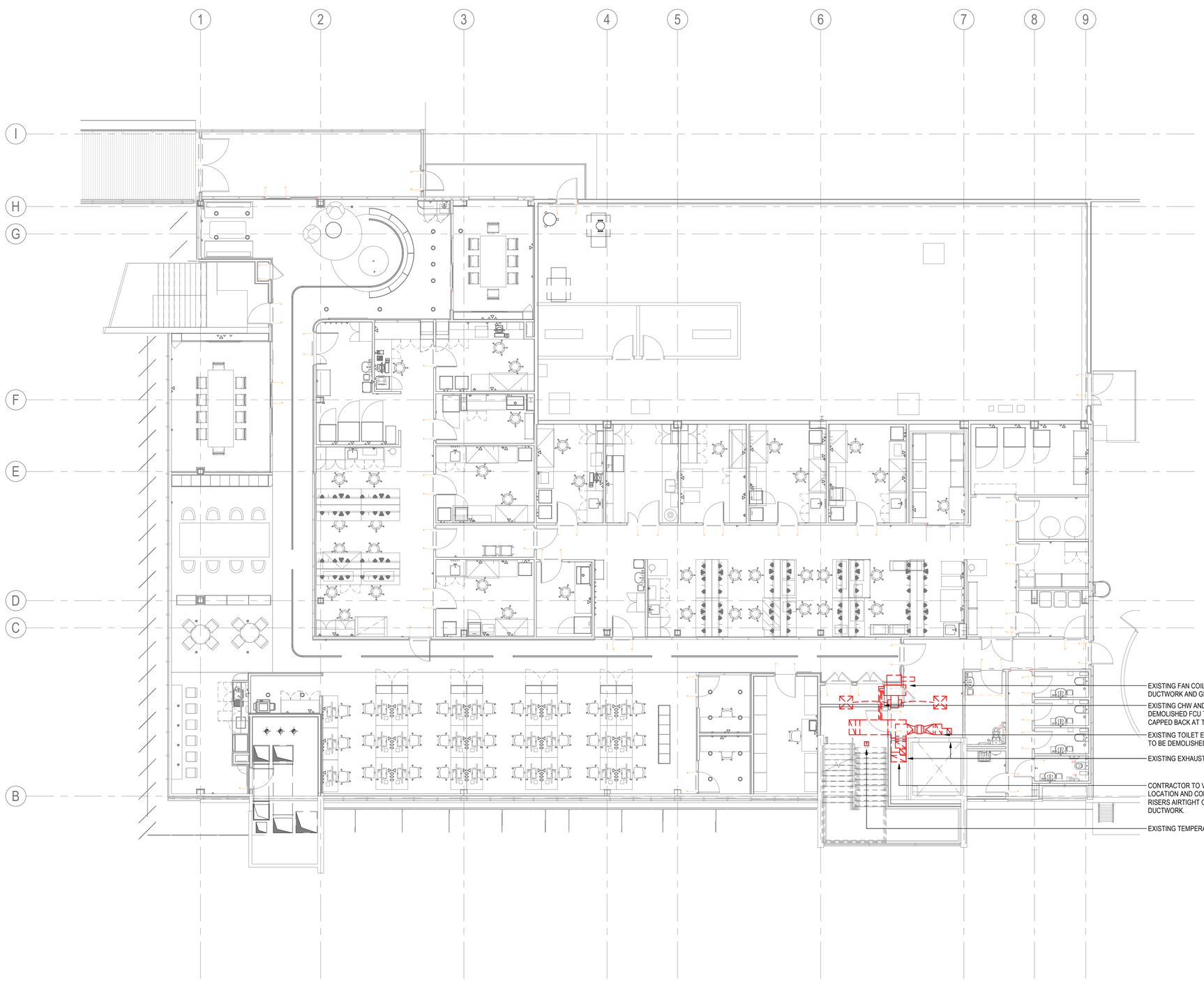
3. LOCATION OF EXISTING SERVICES ARE APPROXIMATE. THE EXACT LOCATIONS AND EXTENT OF EXISTING EQUIPMENT SHALL BE VERIFIED ON SITE BY THE MECHANICAL CONTRACTOR PRIOR WORKS COMMENCING.

4. EXISTING REFURBISHMENT WORKS HAVE BEEN LIMITED TO SITE INVESTIGATIONS RESTRICTED BY CEILING AND DEPARTMENTAL ACCESS AS WELL AS AVAILABILITY OF EXISTING AS BUILT DOCUMENTATION AND CEILING SCAN SURVEY. FURTHER INVESTIGATION REQUIRED BY CONTRACTOR TO CONFIRM SCOPE.

5. CONTRACTOR TO CONFIRM EXISTING FIRE AND SMOKE DAMPER INSTALLATION AND CONDITION. ALLOW TO REPLACE IF DAMPERS ARE INOPERABLE.

6. CEILINGS, WALLS AND FLOR FINISHES ARE TO BE MADE GOOD AFTER WORKS COMPLETION IN OUTSIDE OF SCOPE AREAS.

MINIMISATION OF DISTURBANCE
THE CONTRACTOR SHALL MINIMISE DOWNTIME BY COORDINATING THE TIME OF THE DEMOLITION WORKS WITH THE HOSPITAL SERVICE DEPARTMENT. WORK METHOD STATEMENT TO BE PROVIDED FOR SIGN OFF BY CLIENT (BUILDER) AND HOSPITAL PRIOR TO COMMENCING DEMOLITION.



Notes

A	100% DESIGN DEVELOPMENT ISSUE	ND	LA	2022.02.21
Issued/Revision		By	Appd	YYYY.MM.DD

Issue Status

PRELIMINARY

NOT FOR TENDER

This document is suitable only for the purpose noted above.
Use of this document for any other purpose is not permitted.

Colour Disclaimer
This drawing has been documented in colour. This drawing is required to be printed in colour. Failure to do so may result inloss of information. Black and white printing may be used if specific black and white documents have been obtained from Stantec

Notes

Stantec

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Client/Arch

NSW GOVERNMENT Health Infrastructure

HDR

Client/Project

NSW HEALTH INFRASTRUCTURE

WESTMEAD VIRAL VECTOR MANUFACTURING FACILITY

MECHANICAL SERVICES

File Name: N/A	PH	LA	KPR	2022.02.21
	Dwn.	Dsgn.	Chkd.	YYYY.MM.DD

Title

KIDS RESEARCH LEVEL 4 - STAGE 2A - DEMOLITION LAYOUT

Project No.	Scale
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Revision	**Drawing No.**
A	**ME-104-00**

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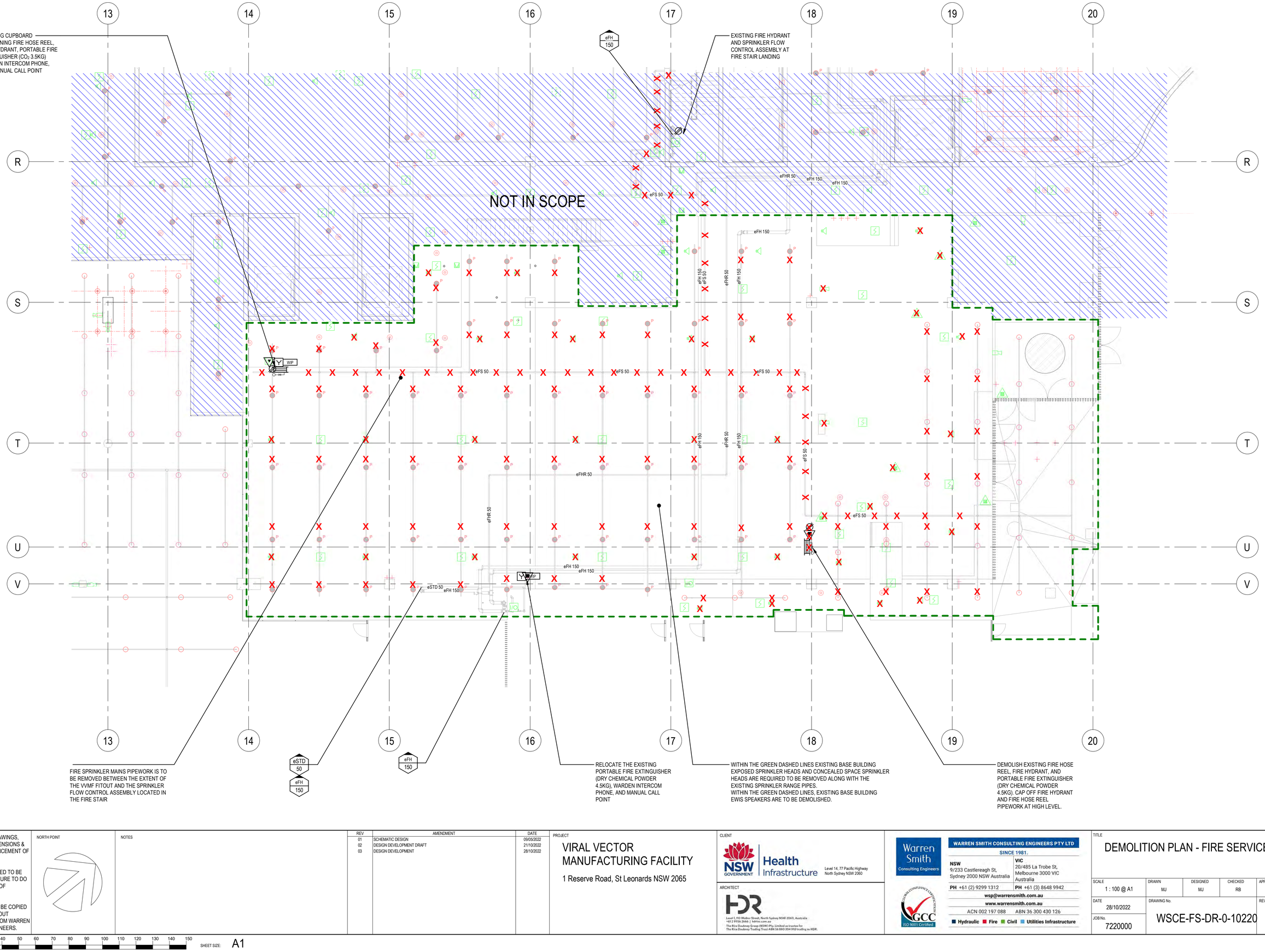

NORTH POINT

NOTES

REV	AMENDMENT	DATE
01	SCHEMATIC DESIGN	09/05/2022
02	DESIGN DEVELOPMENT DRAFT	21/10/2022
03	DESIGN DEVELOPMENT	28/10/2022

PROJECT

VIRAL VECTOR MANUFACTURING FACILITY

1 Reserve Road, St Leonards NSW 2065

CLIENT

NSW GOVERNMENT Health Infrastructure

Level 14, 77 Pacific Highway North Sydney NSW 2060

ARCHITECT

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Warren Smith Consulting Engineers

GCC ISO 9001 Certified

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Hydraulic Fire Civil Utilities Infrastructure

TITLE

DEMOLITION PLAN - FIRE SERVICES

SCALE	DRAWN	DESIGNED	CHECKED	APPROVED
1 : 100 @ A1	MJ	MJ	RB	DB

DATE	DRAWING No.	REV
28/10/2022	WSCE-FS-DR-0-10220	03

JOB No. 7220000

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NOT IN SCOPE

REFER TO DRAWINGS WSCE-HS-DR-1-10300 FOR HIGH-LEVEL DIVERSION OF GREASE WASTE AND SANITARY DRAINAGE.

DEMOLISH VERTICAL RISER AND CAP UNDER LEVEL 02

REFER TO AXIS PLUMBING WORK AS EXECUTED DRAWING NUMBER CASB-AXS-HY-DG-5206 FOR CONTINUATION OF EXISTING SEWER SERVICE.

REFER TO DRAWINGS WSCE-HS-DR-1-10300 FOR HIGH-LEVEL DIVERSION OF GREASE WASTE AND SANITARY DRAINAGE.

IN-GROUND GREASE WASTE AND TRADE PIPEWORK TO BE DISUSED DEMOLISHED AND CAPPED ABOVE L1 SLAB. IN-GROUND SEWER TO BE RETAINED AND CONTINUED TO BE USED.

DEMOLISH EXISTING CLEAR OUT SO IT DOES NOT ENTER THE LAB SPACE

UNKNOWN STORMWATER ASSUMED DISUSE. REFER TO CIVIL ENGINEER DRAWING FOR DETAIL

IN-GROUND SEGMENT OF EXISTING IN-GROUND REDUCED AIR VELOCITY STACK AND VENT TO BE DISUSED AND CAPPED. STACKS AND VENTS TO BE CUT AND CAPPED ABOVE LEVEL 1 SLAB. REFER TO DRAWINGS WSCE-HS-DR-1-10300 FOR HIGH-LEVEL STACK DIVERSION.

OVERFLOW GULLY TO BE RELOCATED OUTSIDE BUILDING. REFER TO DRAWINGS WSCE-HS-DR-1-10100 AND WSCE-HS-DR-2-10100 FOR DIVERSION.

FOR ALL EXISTING STORMWATER DETAILS REFER TO THE ARUP CIVIL DRAWINGS. (TYPICAL) ARUP CIVIL STORMWATER HAS BEEN SHOWN ON THE HYDRAULIC DRAWINGS FOR COORDINATION ONLY

CAP EXISTING DRAINAGE

INGROUND GREASE ARRESTOR CHAMBER VENT & DILUTION TANK CHAMBER VENT TO BE DISUSED / DEMOLISHED AND CAPPED ABOVE LEVEL 01

DO NOT SCALE FROM DRAWINGS, CHECK & VERIFY ALL DIMENSIONS & LEVELS BEFORE COMMENCEMENT OF ANY WORK.

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NOTES

DRAWING HAS ON EXISTING WAE SURVEY UNDER LAYD

REV	AMENDMENT	DATE
01	SCHEMATIC DESIGN	29/04/2022
02	DRAFT DESIGN DEVELOPMENT ISSUE	21/10/2022
03	100% DESIGN DEVELOPMENT ISSUE	28/10/2022
04	100% DESIGN DEVELOPMENT RE-ISSUE	04/11/2022

PROJECT

VIRAL VECTOR MANUFACTURING FACILITY

176 Hawkesbury Rd, Westmead NSW 2145

CLIENT

NSW GOVERNMENT Health Infrastructure

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ARCHITECT

HDR

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Hydraulic Fire Civil Utilities Infrastructure

GCC ISO-9001 Certified

TITLE

DEMOLITION PLAN - INGROUND SERVICES

SCALE	DRAWN	DESIGNED	CHECKED	APPROVED
1 : 100 @ A1	RB	VG	TW	

DATE	DRAWING No.	REV
04/11/2022	WSCE-HS-DR-0-10210	04

JOB No. 7220000

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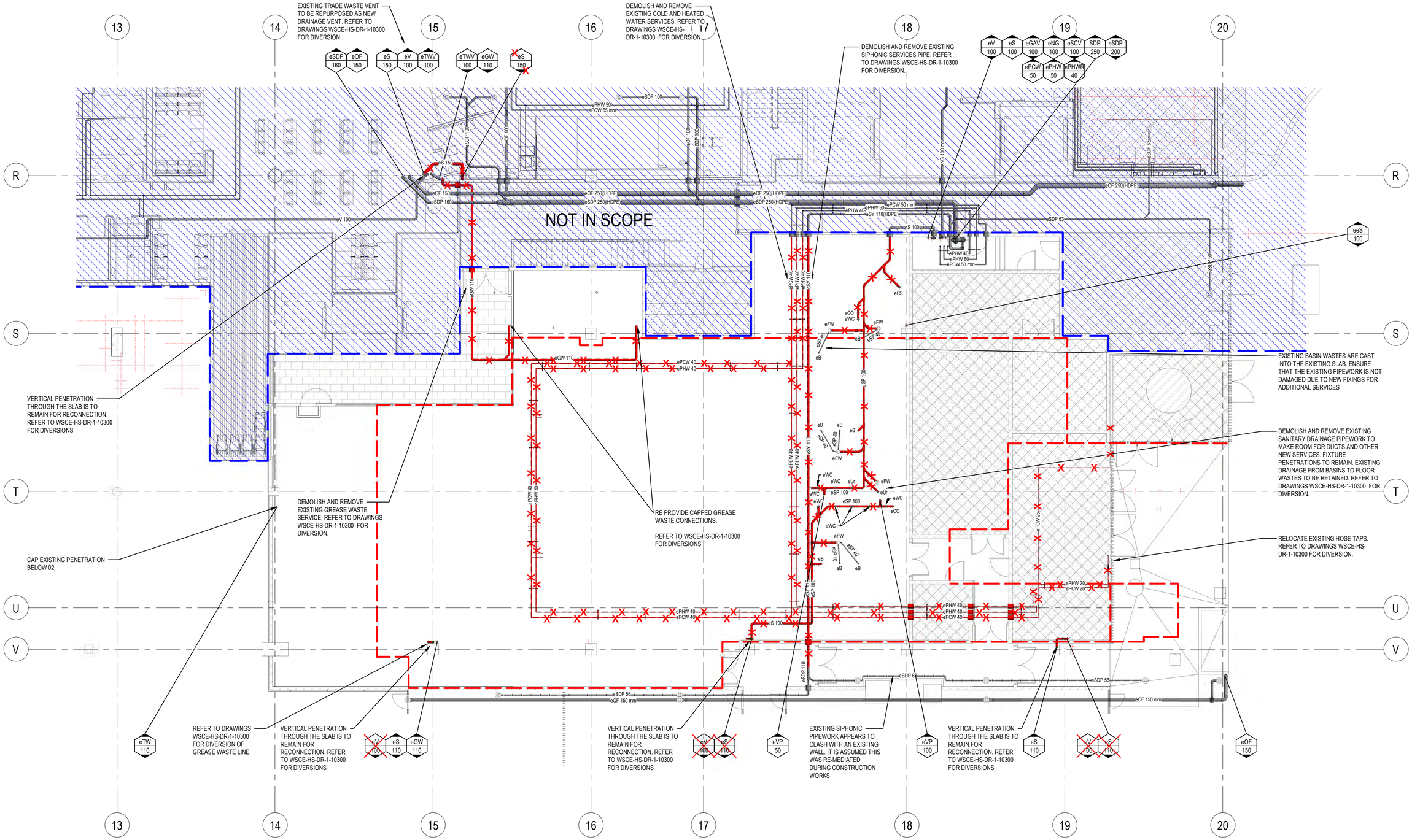

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01	SCHEMATIC DESIGN	29/04/2022
02	DRAFT DESIGN DEVELOPMENT ISSUE	21/10/2022
03	100% DESIGN DEVELOPMENT ISSUE	28/10/2022
04	100% DESIGN DEVELOPMENT RE-ISSUE	04/11/2022

PROJECT

VIRAL VECTOR MANUFACTURING FACILITY

176 Hawkesbury Rd, Westmead NSW 2145

CLIENT

NSW GOVERNMENT Health Infrastructure

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ARCHITECT

HDR

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The Rice Daubney Group (NSW) Pty. Limited as trustee for The Rice Daubney Trading Trust ABN 56 880 304 992 trading as HDR.

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Hydraulic Fire Civil Utilities Infrastructure

TITLE

DEMOLITION PLAN - SUSPENDED SERVICES

SCALE	DRAWN	DESIGNED	CHECKED	APPROVED
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DATE	DRAWING No.	REV
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JOB No. 7220000

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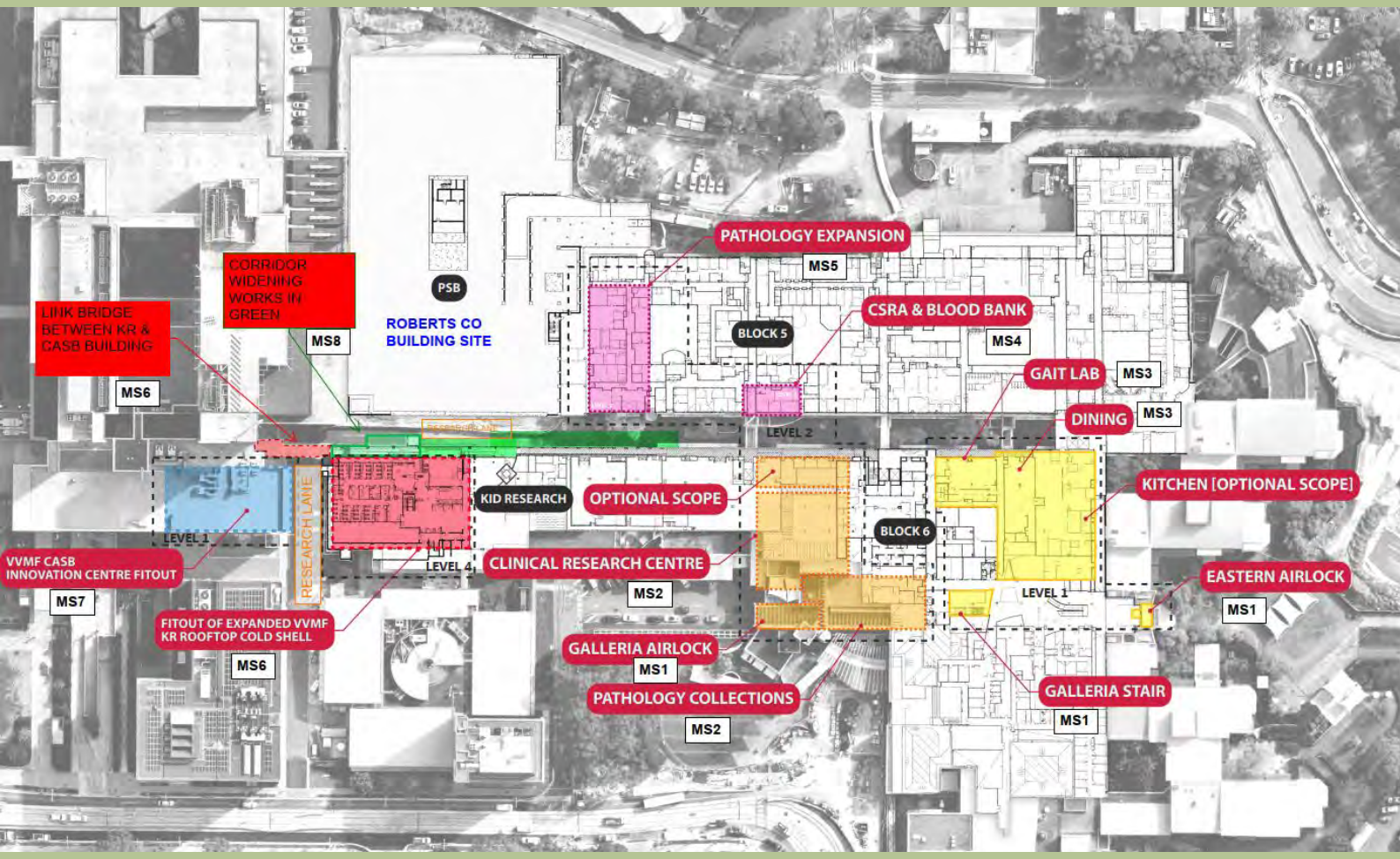
Transport Strategies

Appendix D
Construction Workers Transportation Strategy

The Children's Hospital at Westmead

Stage 2 and ViralVector Manufacturing Facility – Refurbishment Works

Construction Workers Transport Strategy



Client Name: Kane Constructions

Reference: 23030

Issue: Draft

Transport Strategies

Contents

Transport Strategies

Document Control

Reference	23030	
Issue	Draft A	18/02/2023
Client Name	Kane Constructions	

Revision Register

Issue	Date	Description	Prepared By	Signed
Draft A	18/02/2023	Draft CWTS	M.R, Q.A	M.K

Transport Strategies

1.0 Introduction

A Stage Significant Development Application (SSD-10349252) has been approved by Health Administration Corporation for The Children's Hospital at Westmead Stage 2 and Viral Vector Manufacturing Facility – Refurbishment Works.

This strategy has been prepared in satisfaction of Consent Condition no. B23 for submission of a Construction Worker Transportation Strategy as part of the Construction Certificate documentation as follows:

> *B23. 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.*

2.0 Strategies

No construction worker parking will be established within the site. The workers will be instructed not to utilise the hospital's staff 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

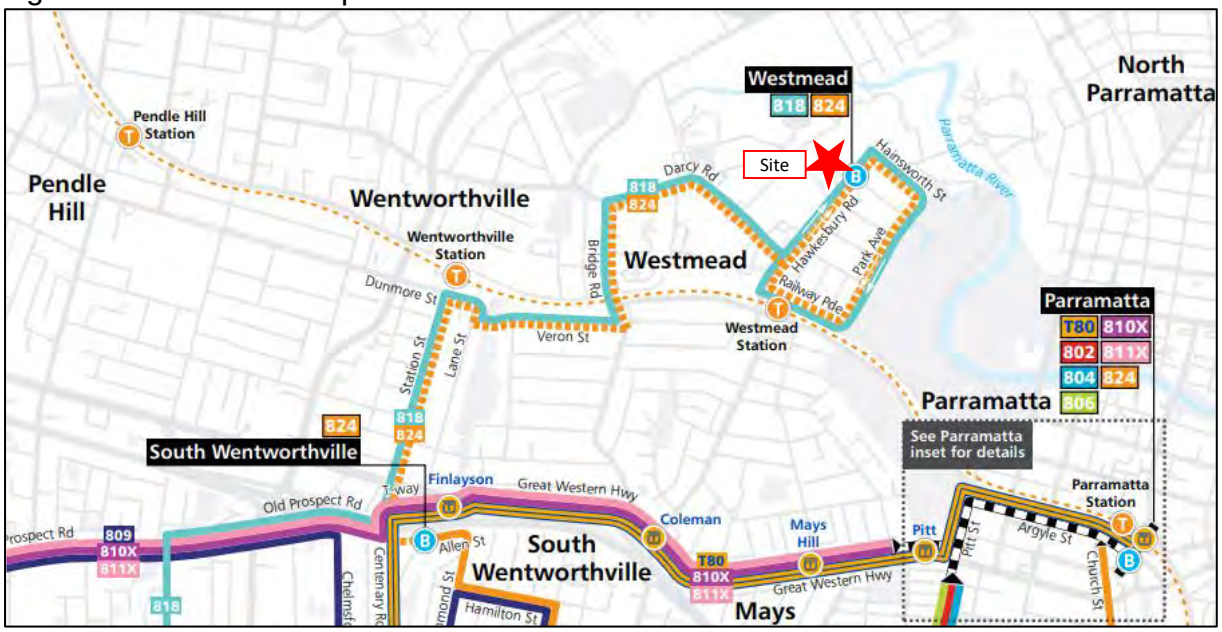
The nearest bus stop to/from the site is located on Hawkesbury Road north of Jessie Street and is within a 2-minute 150-metre) walk of the site. The stop is serviced by the following bus routes:

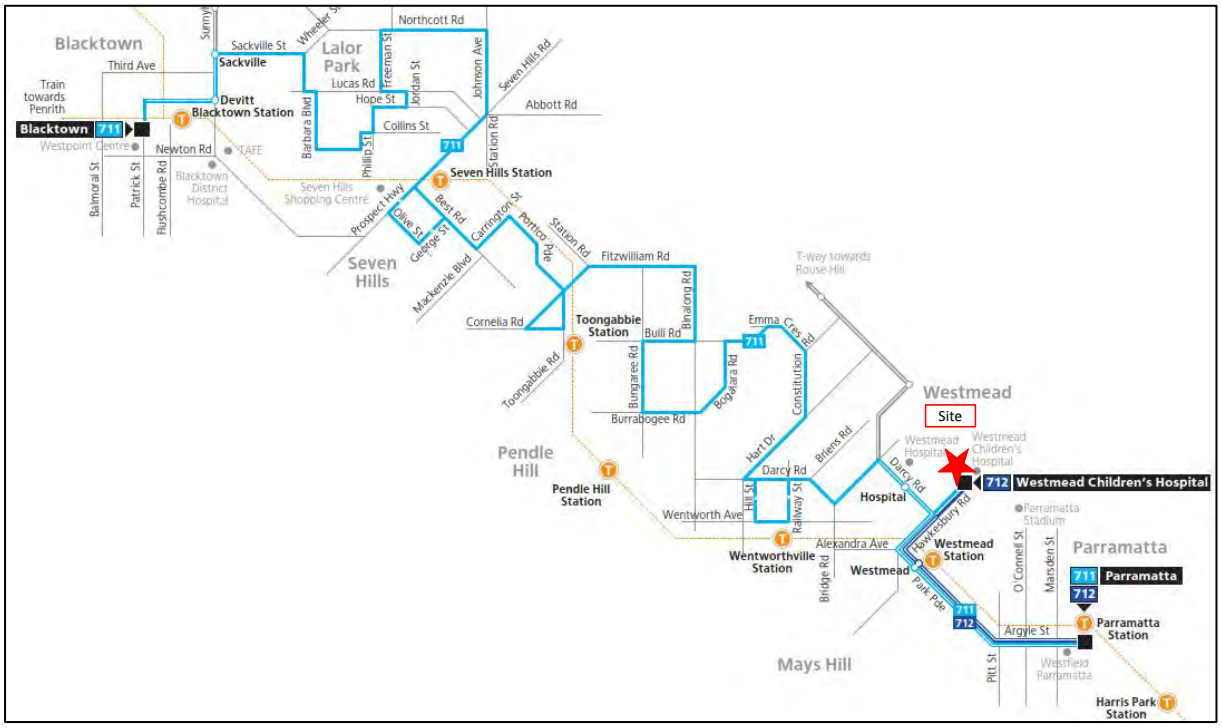
Bus Route	Details
711	Blacktown to Parramatta via Wentworthville
712	Westmead Children's Hospital to Parramatta
818	Westmead Hospitals to Merrylands
824	Westmead Hospitals to Parramatta via South Wentworthville

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 2.1.

Figure 2.1: Public Transport





The site is also served by a comprehensive network of bus services with 600m of the site. The bus routes servicing the site vicinity include:

- Westmead Hospital, North West Twy along Darcy Road (southbound): 660, 661, 662, 663, 664, 665, 705, 708, 711, 818, 824

- Westmead Hospital, North West Twy along Darcy Road (northbound): 660, 661, 662, 663, 664, 665
- Darcy Road after Hawkesbury Road along Darcy Road (northbound): 705, 708, 711, 818, 824

Bus Route	Details
660	Castlewood 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
818	Westmead Hospitals to Merrylands
824	Westmead Hospitals to Parramatta via South Wentworthville

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 (See Figure 2.2):

- 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

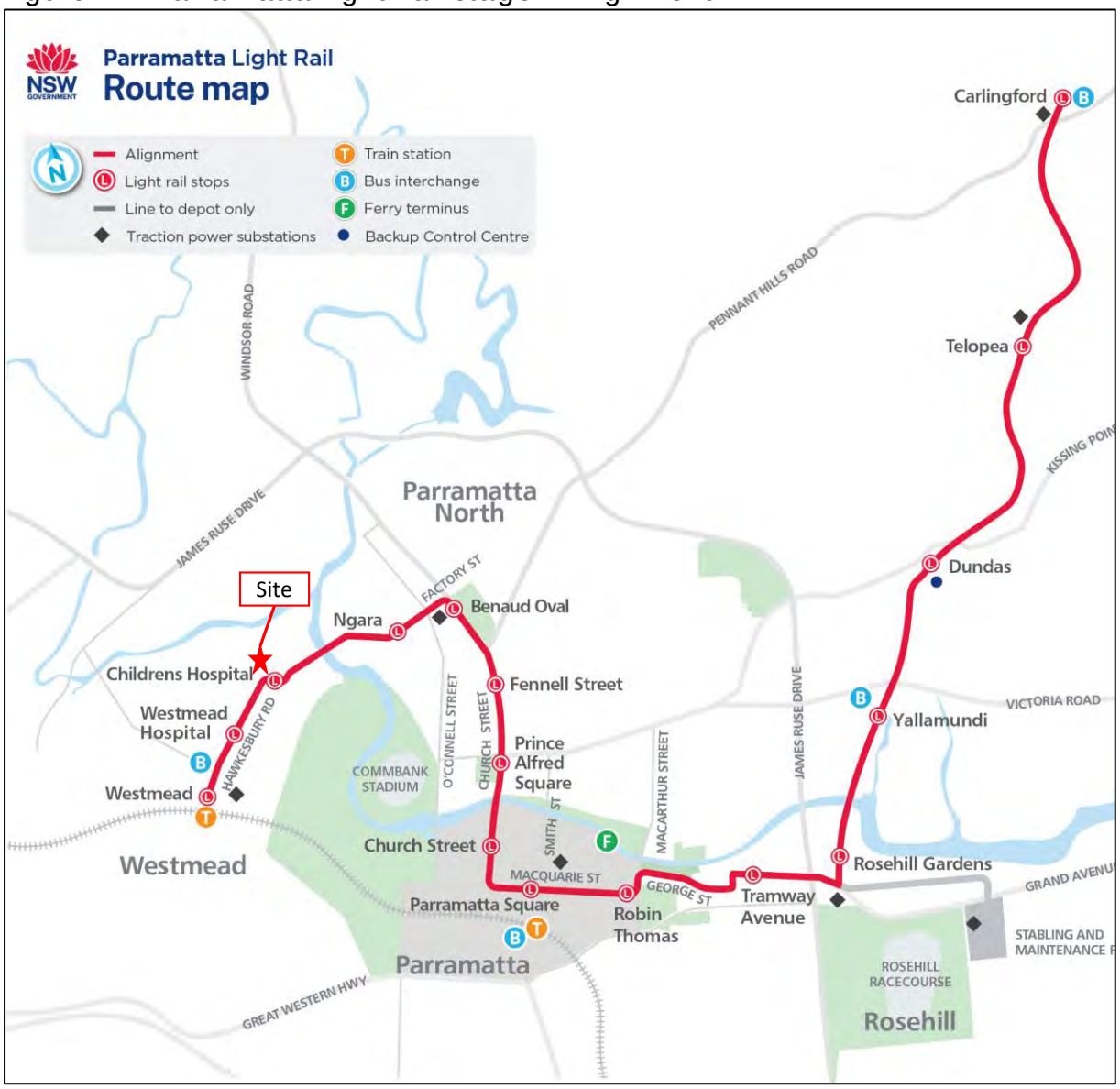
Figure 2.2: Designated Off-Street Parking Area

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 ink Parramatta's CBD and train station to the Westmead Precinct. The nearest station will be the Children's Hospital at Westmead Station, located 300m from the site (see Figure 2.3 and Figure 2.4). The Parramatta Light Rail, from Westmead to Carlingford, is expected to open in 2023.

Figure 2.3: Parramatta Light Rail

Figure 2.4: Parramatta Light Rail Stage 1 Alignment



Transport Strategies

Appendix A
Rail Services

Sydney rail network

NSW GOVERNMENT | Transport

M Metro T Trains

Sydney metro and train lines

M *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

Stop | Interchange | Interchange | End of line

NORTH

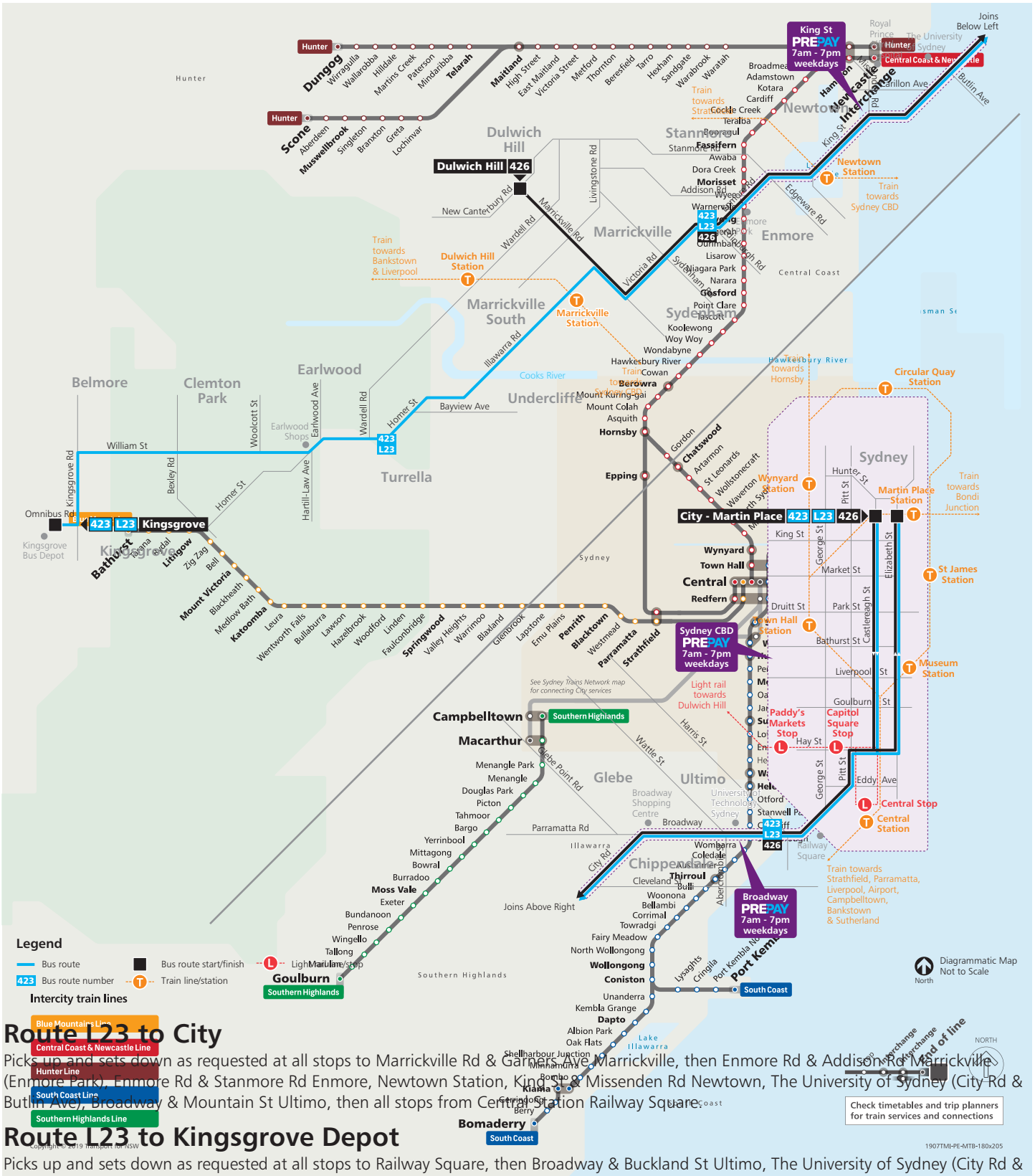
Line under construction

Check timetables and trip planners for train services and connections

Visit **transportnsw.info**

1909TMS-E-MWT-A4P-WCAG

Routes 423, L23, 426



Route L23 to City

Picks up and sets down as requested at all stops to Marrickville Rd & Garners Ave Marrickville, then Enmore Rd & Addison Rd Marrickville (Enmore Park), Enmore Rd & Stanmore Rd Enmore, Newtown Station, King St & Missenden Rd Newtown, The University of Sydney (City Rd & Butlin Ave), Broadway & Mountain St Ultimo, then all stops from Central Station Railway Square.

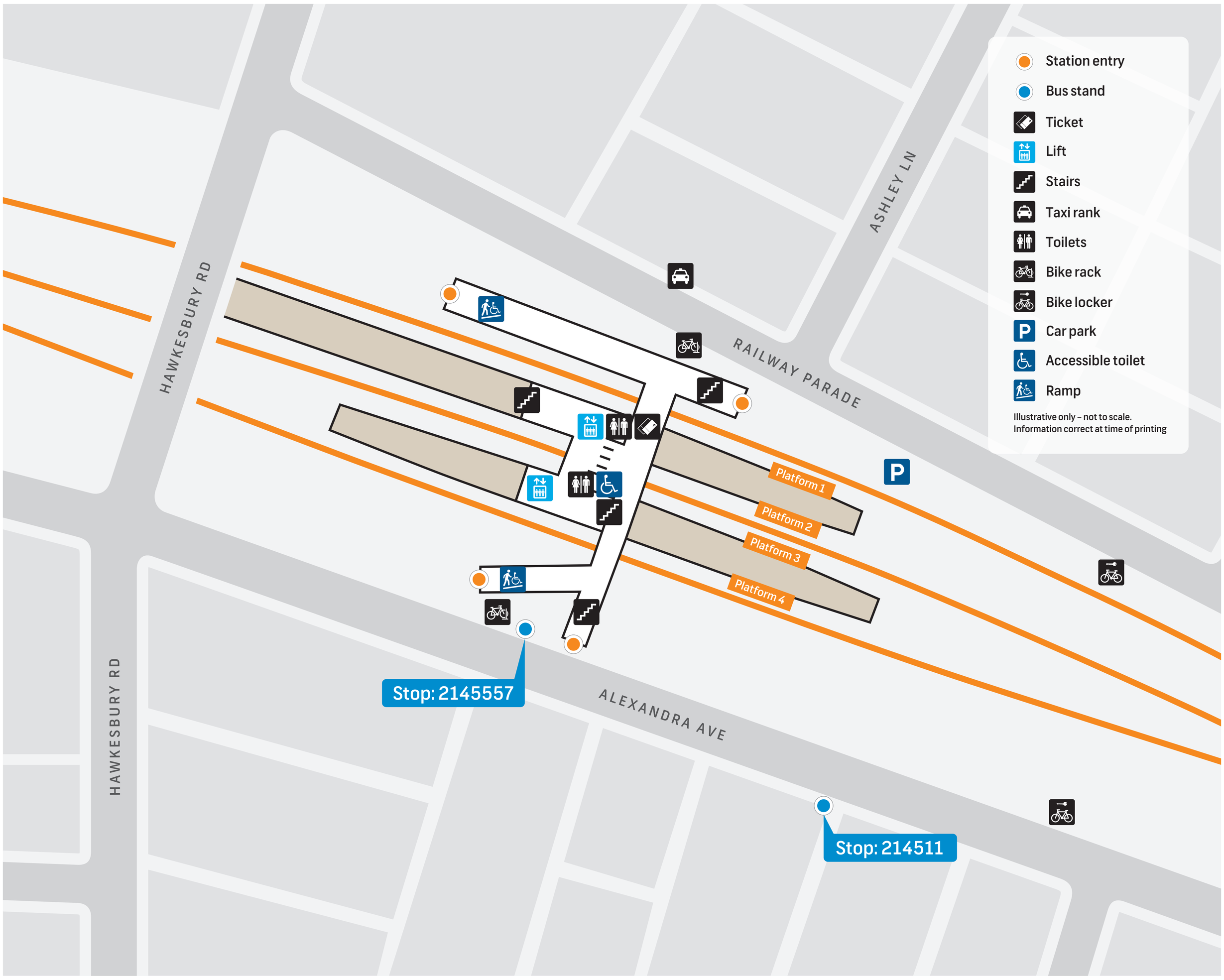
Route L23 to Kingsgrove Depot

Picks up and sets down as requested at all stops to Railway Square, then Broadway & Buckland St Ultimo, The University of Sydney (City Rd & Butlin Ave), King St & Missenden Rd Newtown, Newtown Station, Enmore Rd & Edgeware Rd Enmore, Enmore Rd & Addison Rd Marrickville (Enmore Park), then all stops from Marrickville Rd & Illawarra Rd Marrickville.

NSW GOVERNMENT Transport

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	
660	Parramatta
661	Parramatta
662	Parramatta
663	Parramatta
664	Parramatta
665	Parramatta
705	Parramatta
708	Parramatta
711	Parramatta
712	Parramatta
N70	City Town Hall
N71	City Town Hall

Stop: 214511	
660	Castle Hill
661	Blacktown
662	Castle Hill
663	Rouse Hill Station
664	Rouse Hill Station
665	Rouse Hill Station
705	Blacktown
708	Constitution Hill
711	Blacktown
712	Westmead Childrens Hospital
N70	Penrith
N71	Richmond

For more information
transportnsw.info

NSW GOVERNMENT | Transport

Transport Strategies

Appendix B
Bus Services

Parramatta, Fairfield & Liverpool region network effective 18 April 2021

B

St Marys & WSU Penrith inset

Kingswood Station
Kingswood
835
Second Ave
Burgelly Rd
O'Connell St
Great Western Hwy
Kingswood
Werrington Station
Werrington
Claremont Meadows
Caddens
St Marys Station
Station St
Charles Hackett Dr
Queen St
Glossop St
St Marys
North St Marys
Great Western Hwy
Oxley Park
Whalan
Plumpton
Mount Druitt Station
Mount Druitt
Rooty Hill
Rooty Hill Station
Bennett Rd
Colyton
Minchinbury
Orchard Hills
St Clair
Bennett Rd
Erskine Park
Erskine Park Rd
Erskine Park
835
Lenore Dr
Old Wallgrove Rd
Eastern Creek
Continues on main map

Merrylands inset

Treves St
McFarlane St
809
818
809
810X
818
802
806
810X
Merrylands Rd
Addlestone Rd
804
820
Pitt St
806
822
Neil St
Terminus Pl
Merrylands Station
Merrylands
809 818 822
810X 820

Fairfield inset

800
808
817
Smart St
Nelson St
802 813
804 814
812
The Hexagon Dr
Court Rd
802 813
804 814
812
800 812
802 813
804 814
808 817
The Crescent
Fairfield Station
Hamilton Rd
802
804
800 813
808 814
817
Fairfield

Parramatta inset

Parramatta
T80 810X
802 811X
804 824
806
Pitt St
Argyle St
T80 806
802 810X
804 811X
Parramatta Station
Church St
T80 Pitt 810X 811X
802 804 806
824

Cecil Park & Badgerys Creek inset

Horsley Park
Burley Rd
Arcadia Rd
813
Delawarre Rd
Horsley Rd
Garfield Rd
Liverpool Rd
Continues on main map
Carroll Hill Dr
Mount Vernon
Mount Vernon Rd
Jersey Rd
Mamre Rd
Swick Ave
Cecil Rd
Cecil Park
Badgerys Creek Rd
Elizabeth Dr
801
Badgerys Creek
Western Rd
Kemps Creek
Devonshire Rd
Watts Rd
Herbert St
Lee & Clark Rd

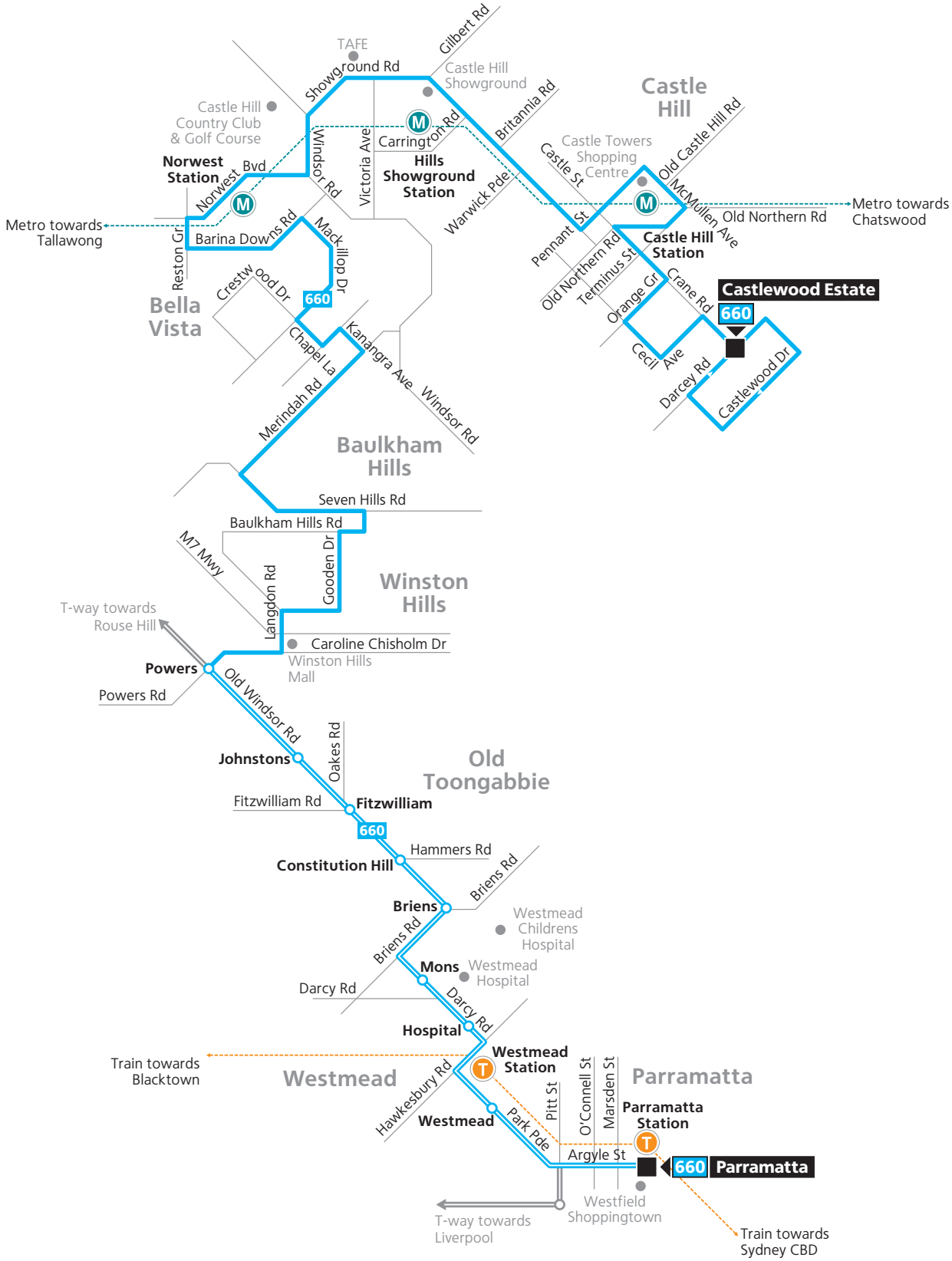
Continues on St Marys & WSU Penrith inset

Continues on Cecil Park & Badgerys Creek inset

Eastern Creek
Interchange Dr
Wonderland Dr
Wallgrove Rd
Old Wallgrove Rd
835
Wallgrove Rd
Burley Rd
Arcadia Rd
813
The Horsley Dr
Horsley Park
Western Sydney Parklands
813
Lizard Log
Cowpasture Rd
Airfield Dr
827
Middleton Grange
West Hoxton
Hoxton Park
Carnes Hill
827
Kurrajong Rd
Carnes Hill
Elizabeth Hills
Athlone St
Cecil Hills
807
Lancettes St
Rosebank Ave
Gowanlea Ave
Reginville Dr
Len Waters Estate
Lord Howe Dr
The Valley Plaza
Green Valley
Green Valley Rd
Whitford Rd
Busby
Busby Rd
Cartwright
Hinchinbrook
Hinchinbrook Dr
Partridge Ave
Hinchinbrook
Cecil Hills
Frederick Rd
Feodore Dr
Spencer Rd
Northumberland St
Dowland St
Aplin Rd
Delgarno Rd
North Liverpool Rd
Capricorn Blvd
Wilson Rd
Gloucester St
Simpson Rd
Wilson Rd
Whitford Rd
Mamre Rd
Green Valley
Brown
Brown Rd
Elizabeth Dr
Green Valley Rd
St Johns Rd
Matthew Ave
S10
Heckenberg
Heckenberg
S10
Sadleir Ave
Sutton Rd
Sinclair Rd
Maxwells Ave
Sadleir
Bobin Rd
Insignia St
Heckenberg Ave
Miller
Woodville Degas
Miller Rd
Willandra St
Shropshire St
Banks Rd
Cartwright Ave
Cabramatta Ave
Miller
Cartwright
Hoxton Park Rd
Ash
Maxwells
Brickmakers
Liverpool
Memorial
Memorial Ave
Macquarie
Liverpool Station
See Liverpool inset for details
Liverpool
T80 804 819
801 805 823
802 806 827
803 808
Georges River
Ashcroft
Mount Pritchard
Cabramatta West
Cabramatta Rd W
Cabramatta Station
See Cabramatta inset for details
Cabramatta
805 815 817
807 816
Cabramatta
Hughes St
McBurney Rd
John St
Joseph St
Gladstone St
Railway Pde
Harrington St
Humphries Rd
Edensor Rd
Wall Pl
Newleaf Pde
Tarlington Pde
Bonnyrigg Ave
Bonnyrigg
Bonnyrigg Heights
Bonnyrigg
813
Elizabeth Dr
Kalang Rd
Edensor Park
Edensor Rd
Greenfield Park
Greenfield Rd
Prairie Vale Rd
Abbotsbury
Roony Ave
Stockdale Cres
Darling St
Prairiewood
Prairiewood
Orphan School
819 835
Prairiewood
Bossley Park
Bossley Rd
Quarry Rd
Marconi Rd
Mimosa Rd
Restwell Rd
Polding St
Fairfield West
Fairfield Heights
Fairfield
Fairfield Station
See Fairfield inset for details
Fairfield
800 813
808 814
817
Fairfield East
Wakeley
Hamilton Rd
Bulli Rd
King Rd
Thorney Rd
Maud St
Kalora Ave
Avenel St
Canley Heights
Canley Vale Rd
Canley Vale
Canley Vale Station
Carramar
Carramar Station
Yennora
Yennora Station
Cabramatta inset
McBurney Rd
805
817
Hughes St
Railway Pde
John St
807
Hill St
805 815 817
807 816
Cabramatta
Cabramatta Station
815
816
Cabramatta Rd W
Church St
Boundary Lane
Liverpool inset
819
801
819
Marsden Rd
Copeland St
Elizabeth Dr
804
805
806
808
827
Park Rd
Moore St
Northumberland St
Macquarie
T80
801 804 808
802 805 819
803 806 827
Memorial Ave
802
803
Memorial
T-way
Liverpool
T80 804 819
801 805 823
802 806 827
803 808
Biggie St
Lachlan St
823
Goulburn St
Campbell St
George St
College St
Elizabeth St
Lansdowne St
Parramatta
Parramatta
T80 810X
802 811X
804 824
806
See Parramatta inset for details
Parramatta Station
Pitt
Pitt St
Argyle St
Church St
Mays Hill
Great Western Hwy
Coleman
Finlayson
Allen St
Old Prospect Rd
Harris Park
Harris Park Station
Crimea St
Marsden St
Railway St
Burnett St
Friend St
Hamilton St
Frances St
Coleman St
Lansdowne St
824
Centenary
Centenary Rd
Chelmsford Rd
Wirralee St
Boronia St
Hollywood St
Douglas St
Irrigation Rd
Hilltop Rd
Holroyd
Merrylands
Merrylands Rd
Merrylands West
Sherwood
Kenyons Rd
Bruce St
Duffy St
Canal
Barcom St
Woodpark
Woodpark Rd
Bristol St
Albert St
Guildford West
Guildford
Guildford Station
Guildford Rd
Mountford Ave
Dennistoun Ave
Carrington Rd
Henry St
Broughton St
Old Guildford
Granville
South Granville
Merrylands
Merrylands Station
See Merrylands inset for details
809 818 822
810X 820
Sherwood
Tower Rd
Chetwynd Rd
Hawksview St
Myall St
Amherst St
Elizabeth St
Military Rd
Railway Tce
Bursill St
West St
Cross St
Kay St
Tampin Rd
Calliope St
Byron Rd
Woodville Rd
Fairfield Rd
The Esplanade
Bridge Rd
Veron St
Dunmore St
Station St
Lane St
Westmead
Westmead Station
Hawkesbury Rd
Hainsworth St
Parramatta River
Darcy Rd
Park Ave
Railway Pde
Wentworthville
Wentworthville Station
Pendle Hill
Pendle Hill Station
Constitution Hill
Northmead
North Parramatta
Toongabbie
Toongabbie Station
Girraween
Pemulwuy
Pemulwuy
810X
Nijong Dr
Wombat St
Driftway Dr
Clunies Ross St
Pemulwuy
809 811X
Buru Wargun Dr
Greystanes
Greystanes Rd
Bathurst St
Beresford Rd
Gorse Rd
Greystanes
Whalans Rd
Kirkham St
Watson Tench Pde
Gipps Rd
Merrylands Rd
Jonathan St
Cumberland Rd
Braeside Rd
Rimgrove Ave
Jersey Rd
Irrigation Rd
Macquarie Rd
Bayfield Rd
Alpha Rd
Dahlia St
Carnation St
Tulip St
Darfoll St
Gardenia Pde
Betts Rd
Prospect
Prospect Hwy
Blacktown Rd
Blacktown
Blacktown Station
800 812
Richmond Rd
Patrick St
Newton Rd
Main St
Seven Hills
Seven Hills Station
Blacktown Rd
Prospect Reservoir
Kings Park
Marayong Station
Rooty Hill
Minchinbury
Eastern Creek
Continues on main map

Route 660

B



Legend

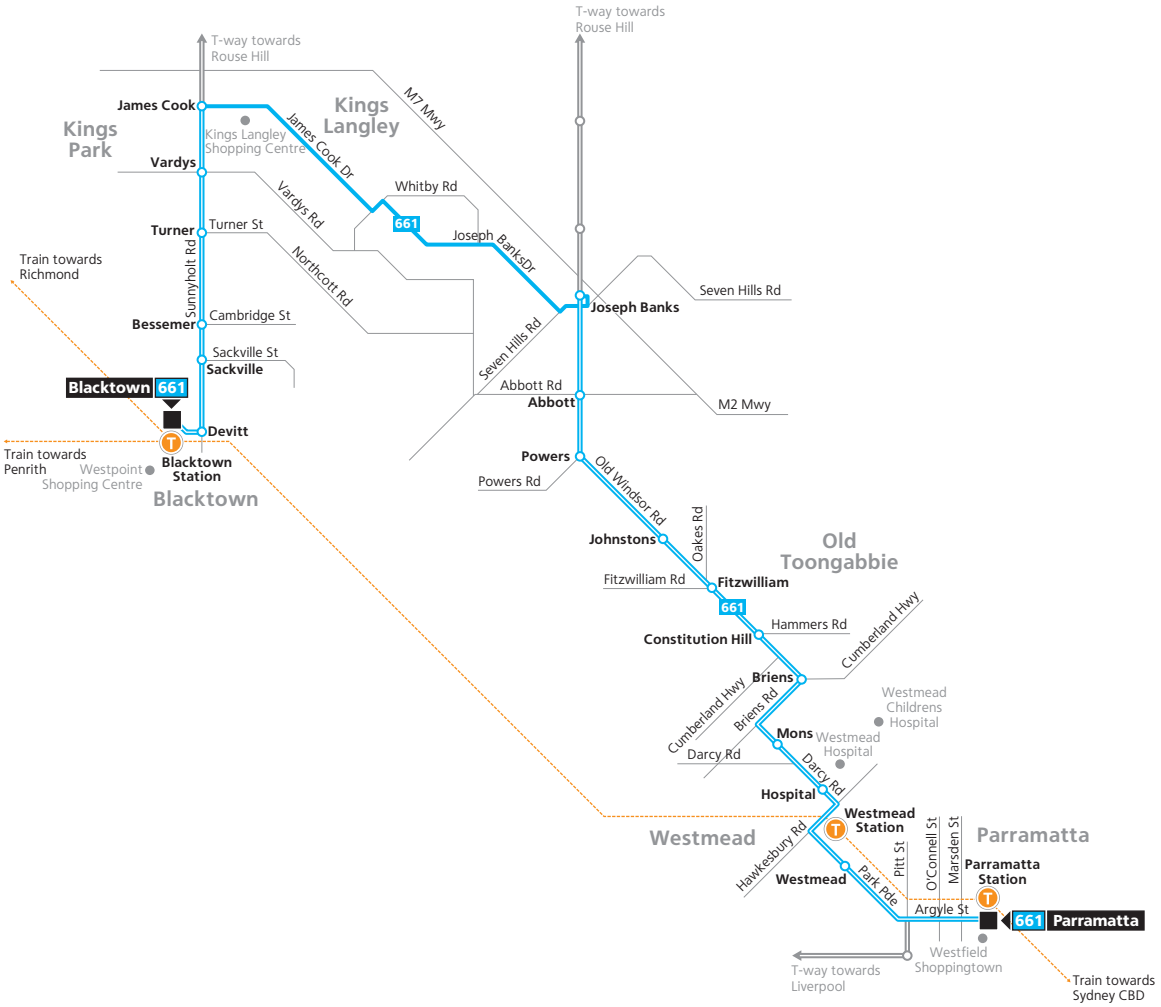
- Bus route
- 660 Bus route number
- Bus route start/finish
- Metro line/station
- Train line/station
- T-way/stop

Diagrammatic Map
Not to Scale
North

NSW GOVERNMENT Transport

transportnsw.info

Route 661



Legend

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

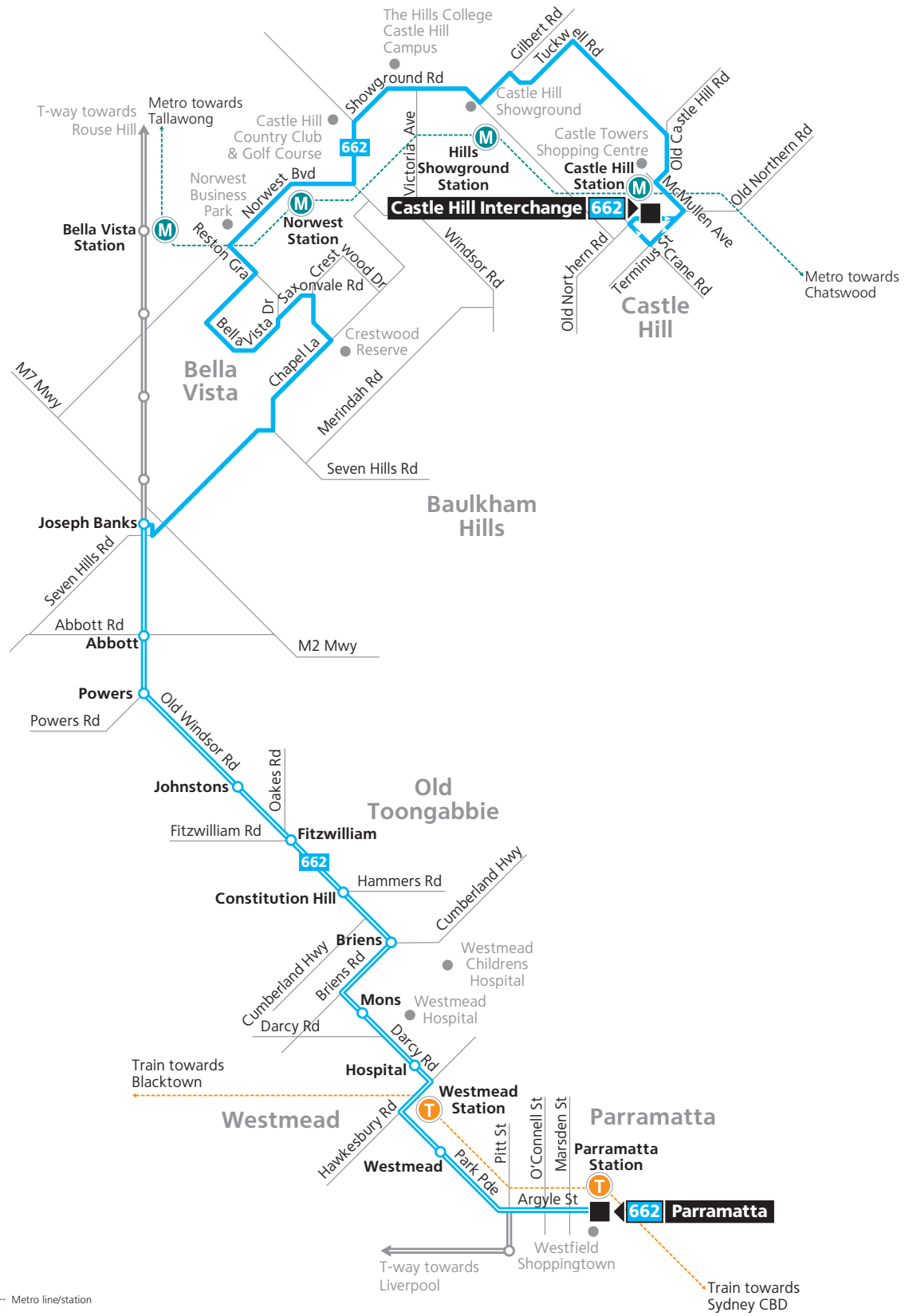
Diagrammatic Map
Not to Scale
North

NSW GOVERNMENT Transport

transportnsw.info

Route 662

B



Legend

- Bus route
- 662 Bus route number
- Bus route start/finish
- Metro line/station
- Train line/station
- T-way/stop

North

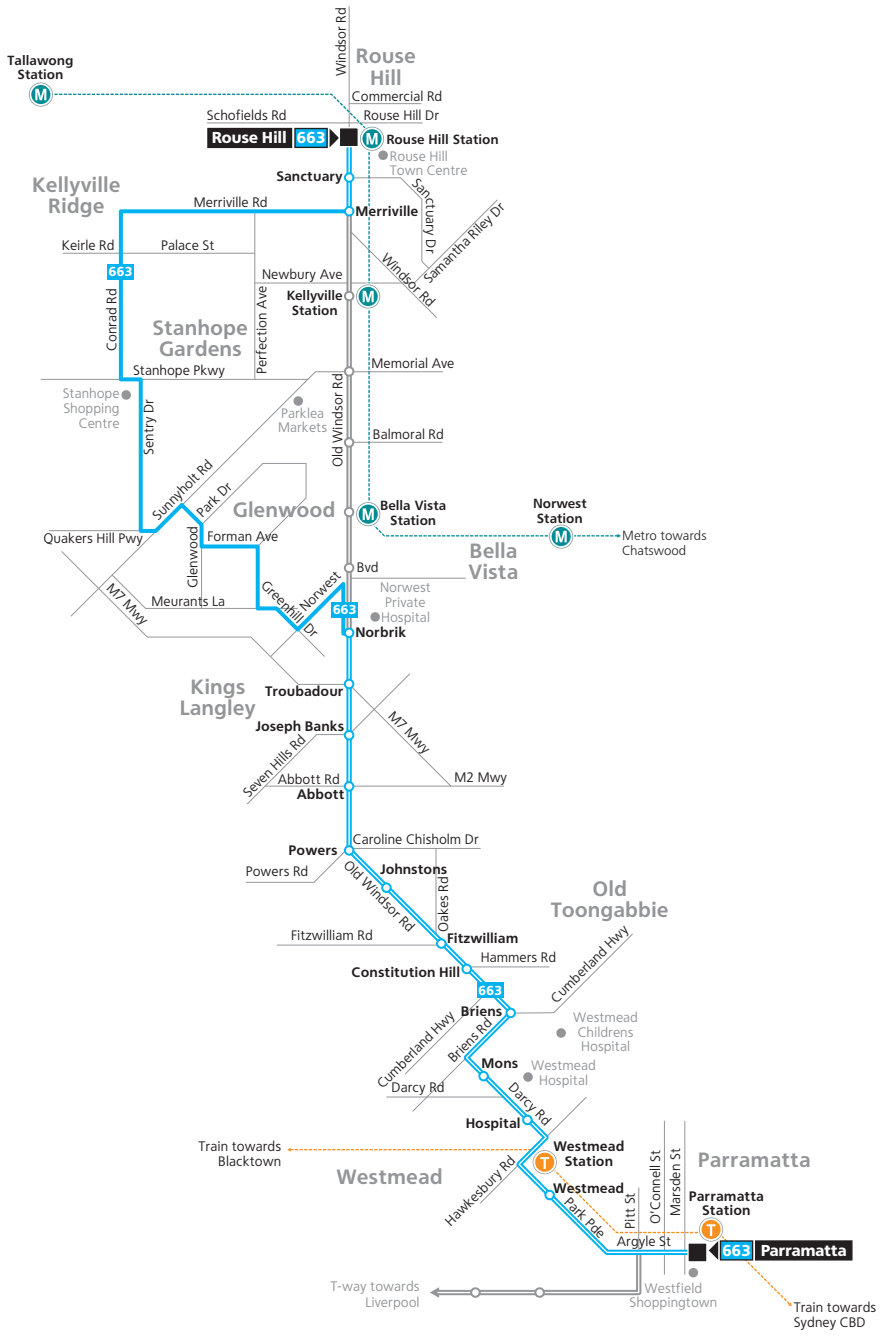
Diagrammatic Map
Not to Scale

NSW GOVERNMENT

Transport

transportnsw.info

Route 663



Legend

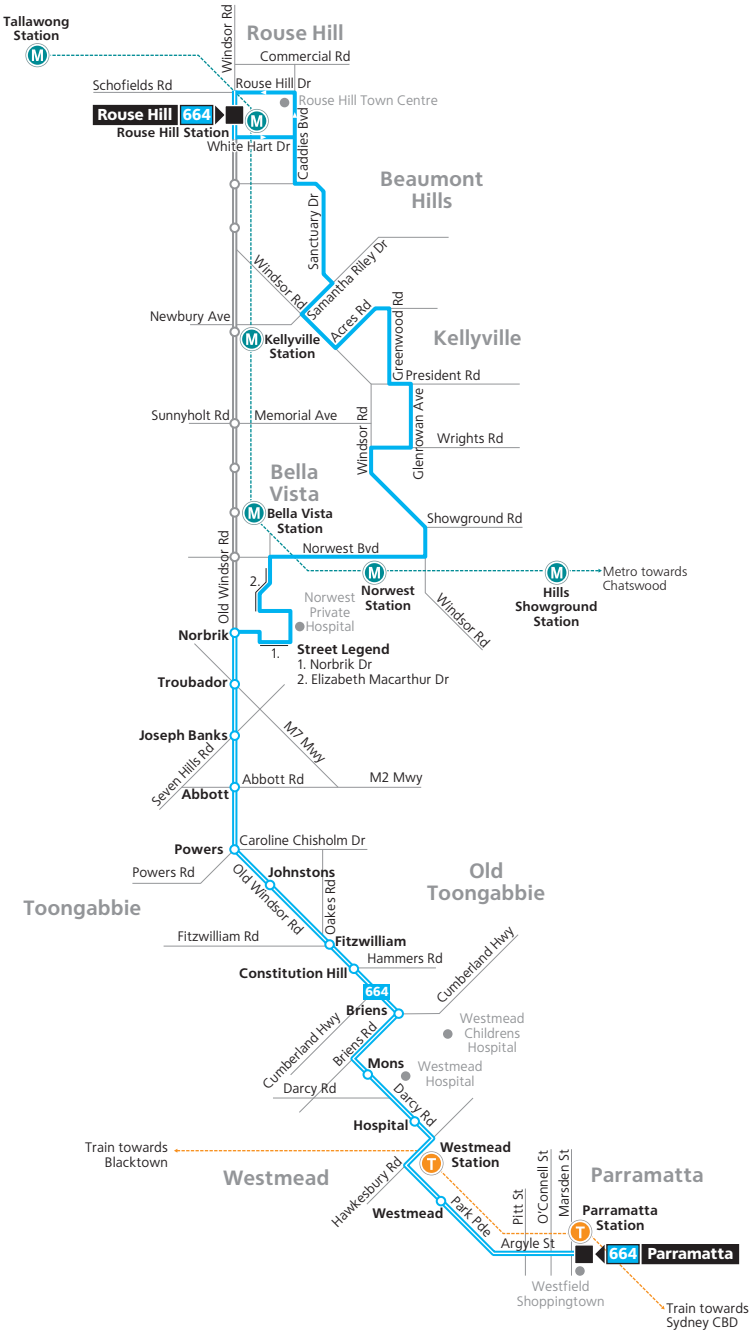
- Bus route
- 663 Bus route number
- Bus route start/finish
- Metro line/station
- Train line/station
- T-way/stop

Diagrammatic Map
Not to Scale
North

NSW GOVERNMENT Transport

transportnsw.info

Route 664



Legend

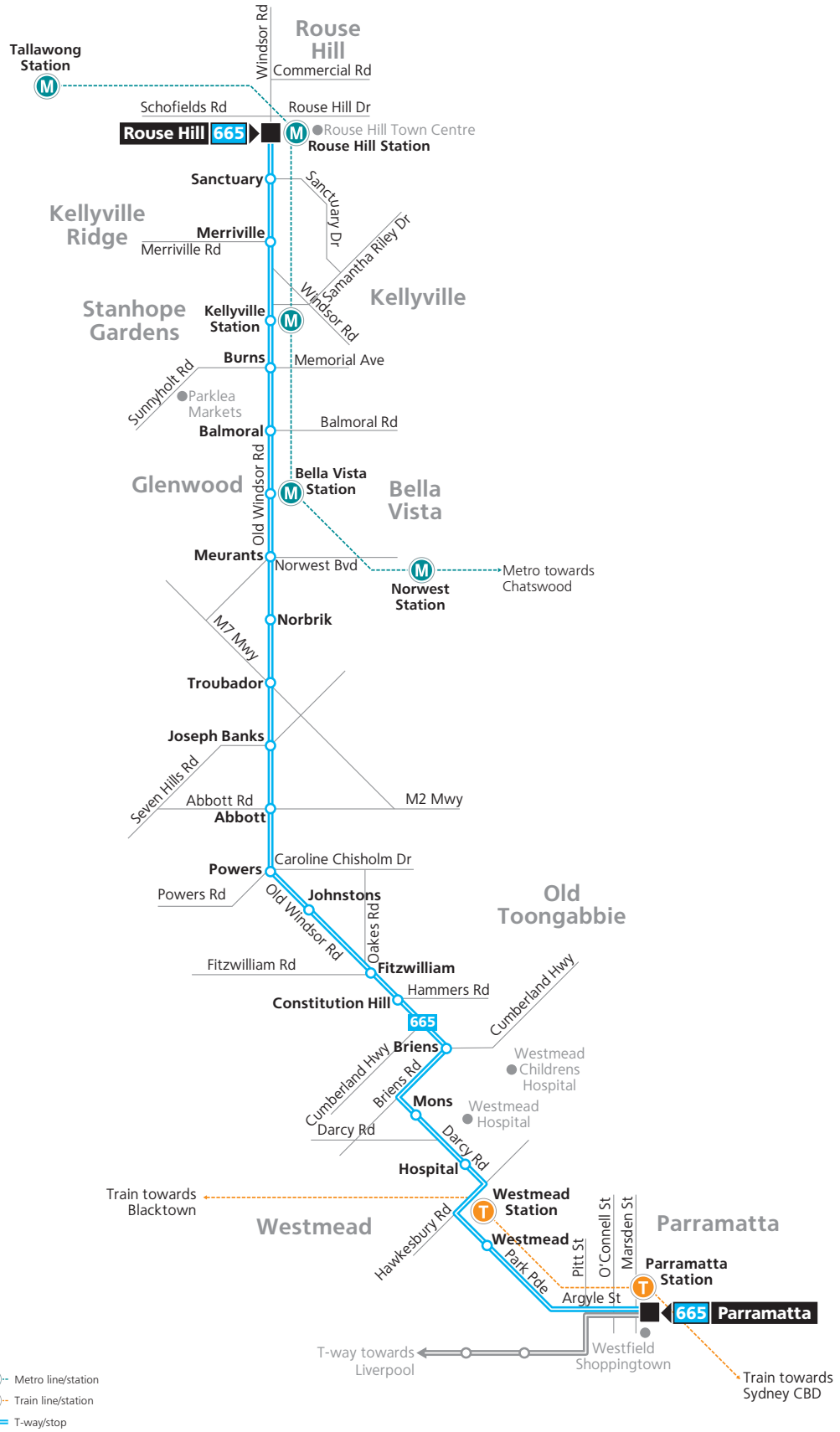
- Bus route
- 664 Bus route number
- Bus route start/finish
- Metro line/station
- Train line/station
- T-way/stop

Diagrammatic Map
Not to Scale
North

NSW GOVERNMENT Transport

transportnsw.info

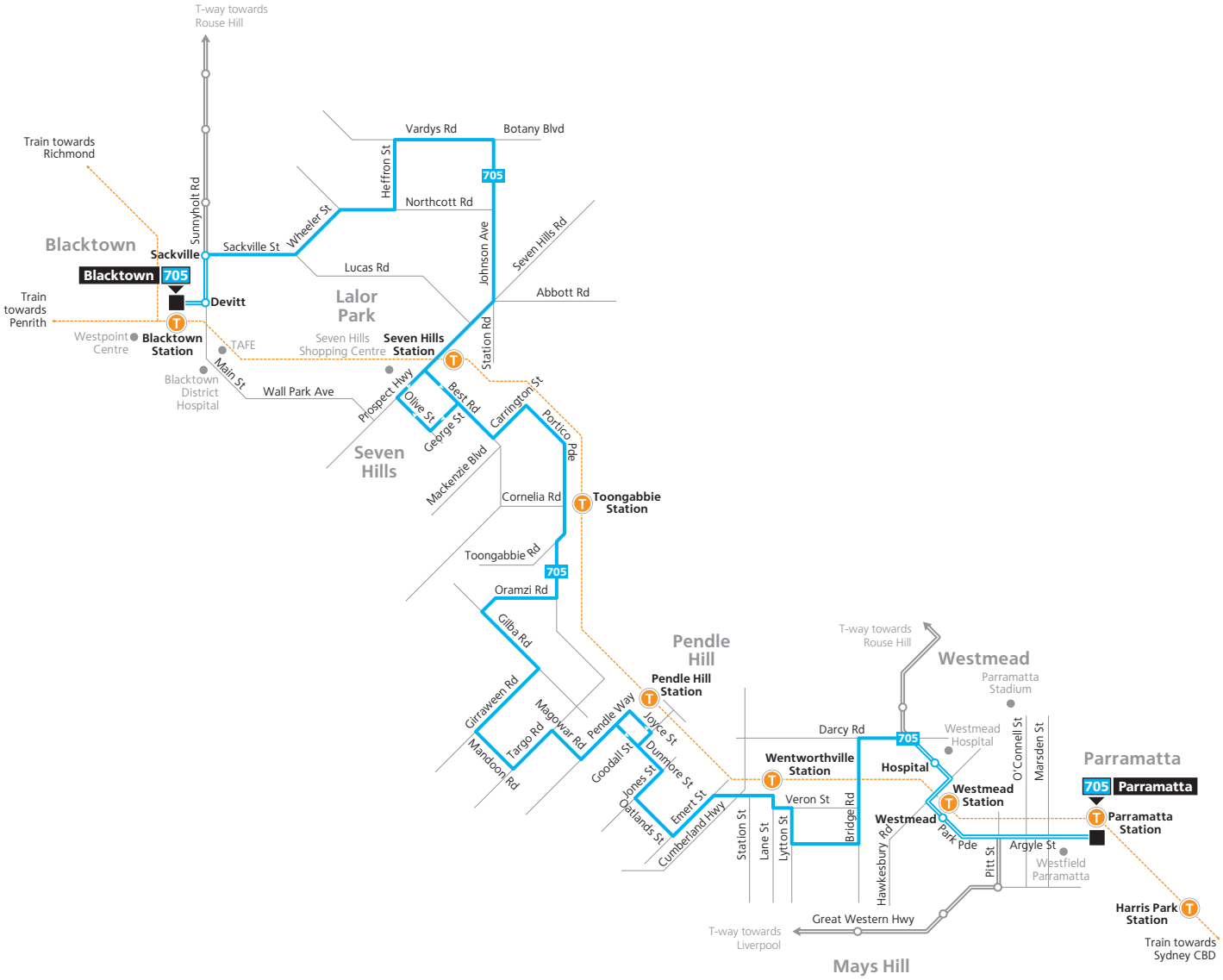
Route 665



NSW GOVERNMENT Transport

transportnsw.info

Route 705



Legend

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

Diagrammatic Map
Not to Scale
North

NSW GOVERNMENT Transport

transportnsw.info

Routes 708, 709

B

Legend

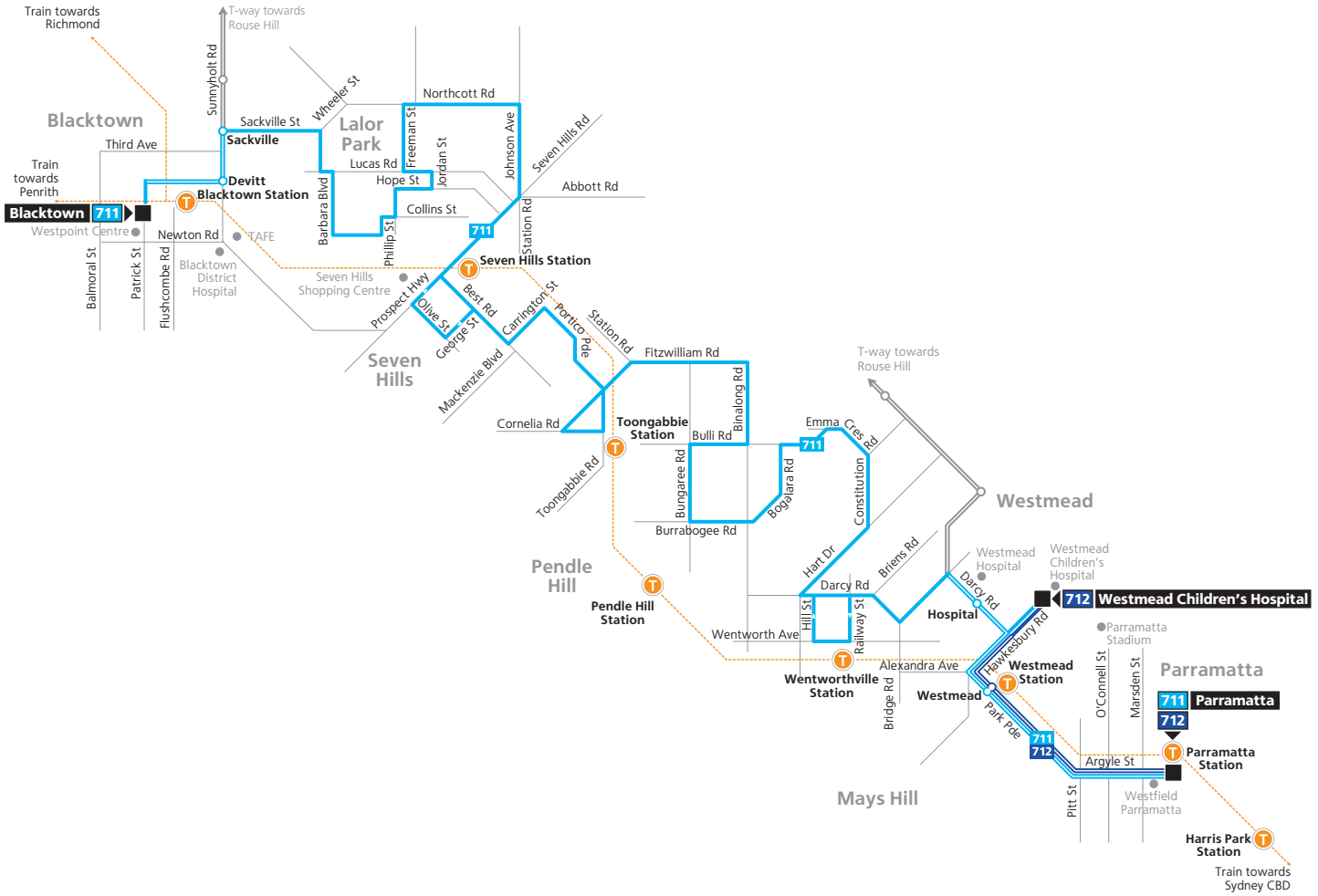
Bus route
708 Bus route number
Bus route start/finish
Train line/station
T-way/stop

Diagrammatic Map
Not to Scale
North

NSW GOVERNMENT Transport

transportnsw.info

Routes 711, 712



Legend

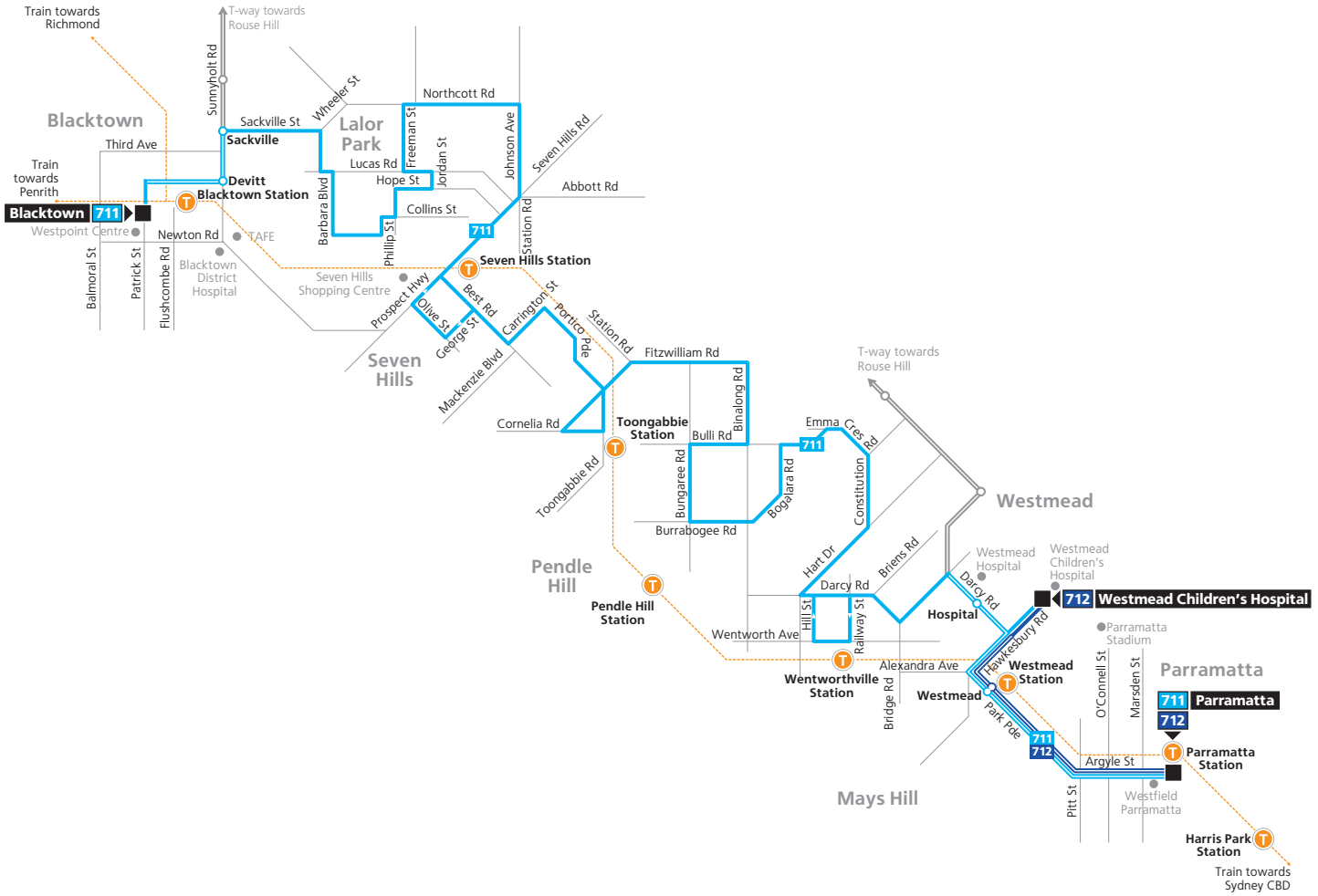
- Bus route
- 711 Bus route number
- Bus route start/finish
- Train line/station
- T-way/stop near route

Diagrammatic Map
Not to Scale
North

NSW GOVERNMENT Transport

transportnsw.info

Routes 711, 712



Legend

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

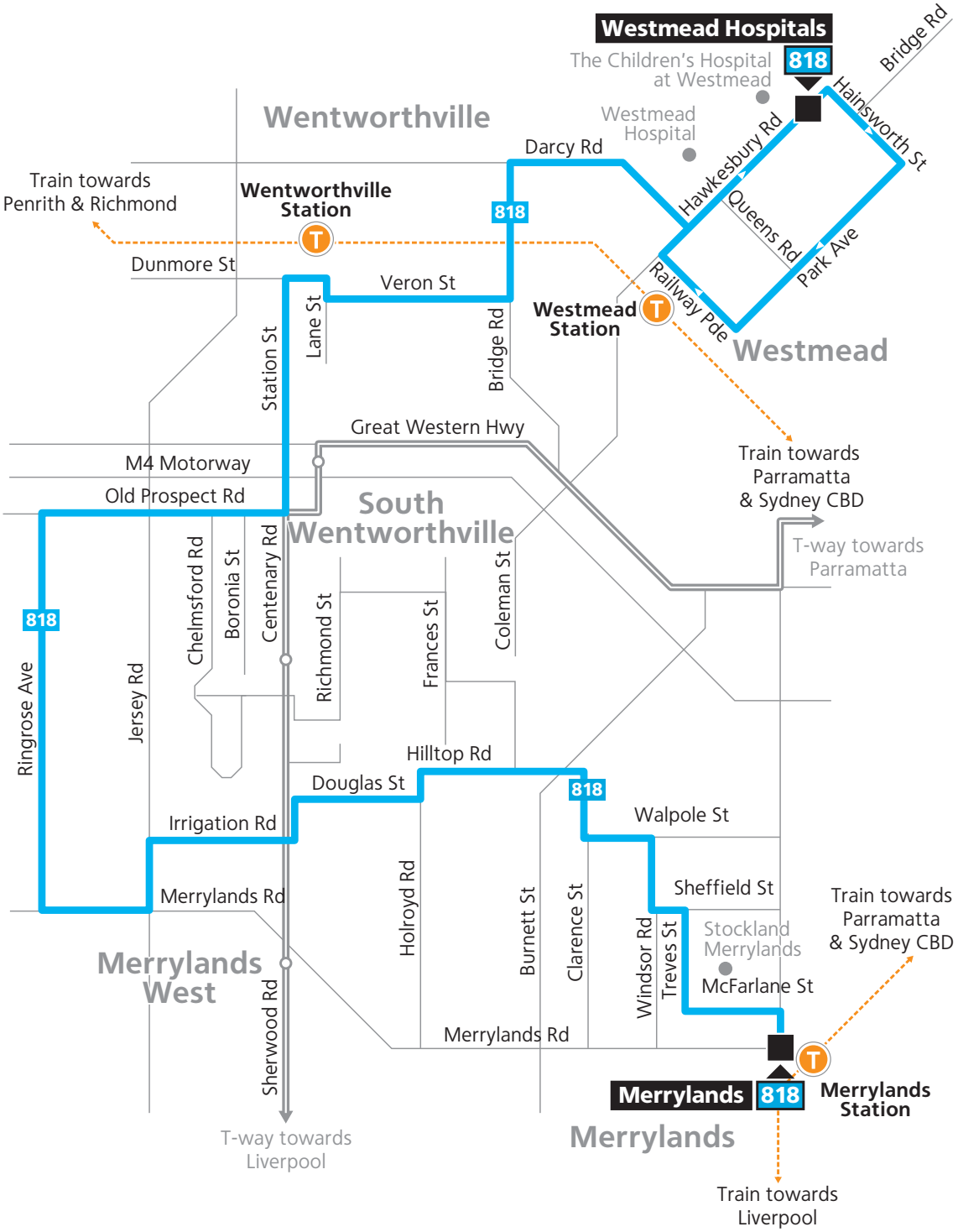
Diagrammatic Map
Not to Scale
North

NSW GOVERNMENT Transport

transportnsw.info

Route 818

B



Legend

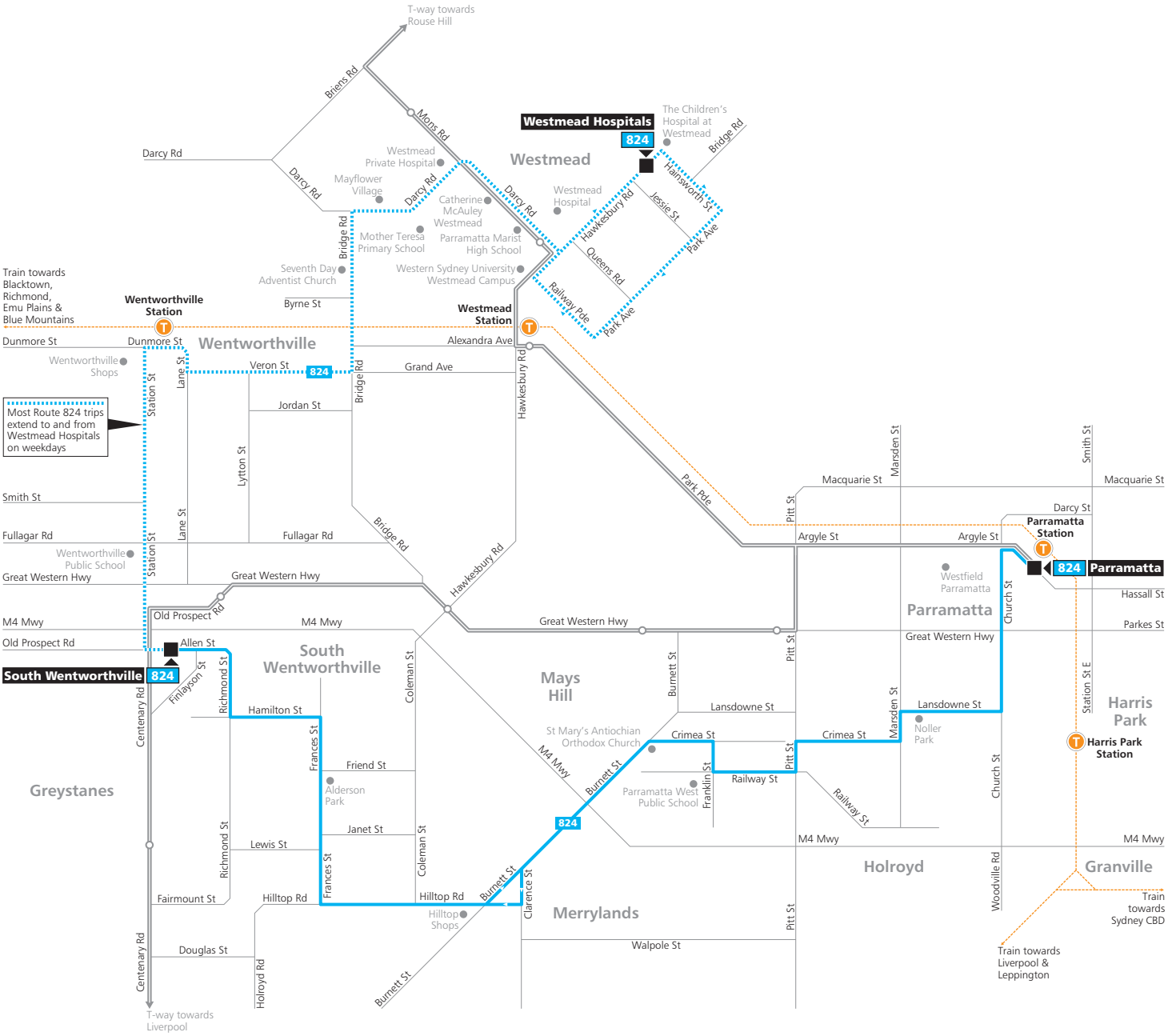
- Bus route
- 818 Bus route number
- Bus route start/finish
- Train line/station

Diagrammatic Map
Not to Scale
North

NSW GOVERNMENT Transport

transportnsw.info

Route 824



Legend

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

North

Diagrammatic Map
Not to Scale

NSW GOVERNMENT

Transport

transportnsw.info

Transport Strategies

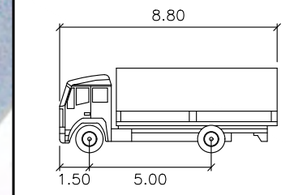
Appendix E
Consultation with TfNSW and Council

Transport Strategies

Appendix F
Swept Path Assessments

LEGEND:

WORK SITE (A CLASS HOARDING)



MRV

	meters
Width	: 2.50
Track	: 2.50
Lock to Lock Time	: 6.0
Steering Angle	: 34.0

SWEPT PATH KEY:

- VEHICLE CENTRE LINE
- VEHICLE TYRE PATH
- VEHICLE BODY PATH
- 500mm CLEARANCE FROM VEHICLE BODY

RESEARCH LANE

HAWKESBURY ROAD

MRV STANDARDS 2018 (AU)

W:\15\2023\23035 Westmead Children's Hospital\CAD\23035-01-V1.dwg

Plotted by SY

WESTMEAD CHILDREN'S HOSPITAL
CONSTRUCTION TRAFFIC MANAGEMENT PLAN
SWEPT PATH ASSESSMENT

Transport Strategies

207A/30 CAMPBELL STREET, BLACKTOWN NSW 2148
ABN 13 254 028 433
PHONE 0424 007 141

PRELIMINARY PLAN
FOR DISCUSSION PURPOSES ONLY SUBJECT TO CHANGE WITHOUT NOTIFICATION

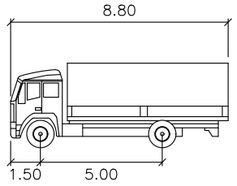
23035-01-V1
03 OF 08
16 February 2023

DESIGNED BY S.YOU
APPROVED BY M.KONG

SCALE A3 0 4.0 8.0 1:400

LEGEND:

WORK SITE (A CLASS HOARDING)



MRV

	meters
Width	: 2.50
Track	: 2.50
Lock to Lock Time	: 6.0
Steering Angle	: 34.0

SWEPT PATH KEY:

- VEHICLE CENTRE LINE
- VEHICLE TYRE PATH
- VEHICLE BODY PATH
- 500mm CLEARANCE FROM VEHICLE BODY

RESEARCH LANE

HAWKESBURY ROAD

MRV STANDARDS 2018 (AU)

W:\15\2023\23035 Westmead Children's Hospital\CAD\23035-01-V1.dwg

Plotted by SY

WESTMEAD CHILDREN'S HOSPITAL
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SWEPT PATH ASSESSMENT

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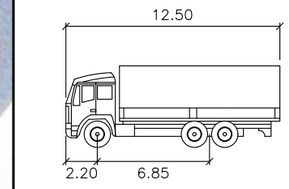
23035-01-V1
04 OF 08
16 February 2023

DESIGNED BY S.YOU
APPROVED BY M.KONG

SCALE A3 0 4.0 8.0 1:400

LEGEND:

WORK SITE (A CLASS HOARDING)



HRV

	meters
Width	: 2.50
Track	: 2.50
Lock to Lock Time	: 6.0
Steering Angle	: 36.7

SWEPT PATH KEY:

- VEHICLE CENTRE LINE
- VEHICLE TYRE PATH
- VEHICLE BODY PATH
- 500mm CLEARANCE FROM VEHICLE BODY

HRV STANDARDS 2018 (AU)

RESEARCH LANE

HAWKESBURY ROAD

W:\23\2023\23035 Westmead Children's Hospital\CAD\23035-01-V1.dwg

Plotted by SY

WESTMEAD CHILDREN'S HOSPITAL
CONSTRUCTION TRAFFIC MANAGEMENT PLAN
SWEPT PATH ASSESSMENT

Transport Strategies

207A/30 CAMPBELL STREET, BLACKTOWN NSW 2148
ABN 13 254 028 433
PHONE 0424 007 141

PRELIMINARY PLAN
FOR DISCUSSION PURPOSES ONLY SUBJECT TO CHANGE WITHOUT NOTIFICATION

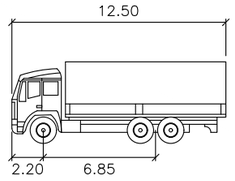
23035-01-V1
05 OF 08
16 February 2023

DESIGNED BY S.YOU
APPROVED BY M.KONG

SCALE A3 0 4.0 8.0 1:400

LEGEND:

WORK SITE (A CLASS HOARDING)



HRV

	meters
Width	: 2.50
Track	: 2.50
Lock to Lock Time	: 6.0
Steering Angle	: 36.7

SWEPT PATH KEY:

- VEHICLE CENTRE LINE
- VEHICLE TYRE PATH
- VEHICLE BODY PATH
- 500mm CLEARANCE FROM VEHICLE BODY

HRV STANDARDS 2018 (AU)

RESEARCH LANE

HAWKESBURY ROAD

W:\35\2023\23035 Westmead Children's Hospital\CAD\23035-01-V1.dwg

Plotted by SY

WESTMEAD CHILDREN'S HOSPITAL
CONSTRUCTION TRAFFIC MANAGEMENT PLAN
SWEPT PATH ASSESSMENT

Transport Strategies

207A/30 CAMPBELL STREET, BLACKTOWN NSW 2148
ABN 13 254 028 433
PHONE 0424 007 141

PRELIMINARY PLAN
FOR DISCUSSION PURPOSES ONLY SUBJECT TO CHANGE WITHOUT NOTIFICATION

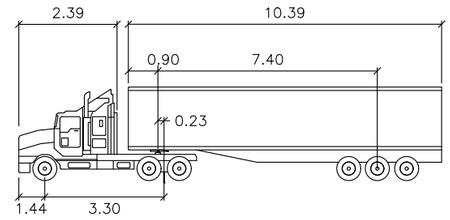
23035-01-V1
06 OF 08
16 February 2023

DESIGNED BY S.YOU
APPROVED BY M.KONG

SCALE A3 0 4.0 8.0 1:400

LEGEND:

WORK SITE (A CLASS HOARDING)



14m Semi–Trailer

meters

Tractor Width	: 2.50	Lock to Lock Time	: 6.0
Trailer Width	: 2.50	Steering Angle	: 32.4
Tractor Track	: 2.50	Articulating Angle	: 70.0
Trailer Track	: 2.50		

SWEPT PATH KEY:

- VEHICLE CENTRE LINE
- VEHICLE TYRE PATH
- VEHICLE BODY PATH
- 500mm CLEARANCE FROM VEHICLE BODY

RESEARCH LANE

HAWKESBURY ROAD

W:\35\2023\23035 Westmead Children's Hospital\CAD\23035-01-V1.dwg

Plotted by SY

WESTMEAD CHILDREN'S HOSPITAL
CONSTRUCTION TRAFFIC MANAGEMENT PLAN
SWEPT PATH ASSESSMENT

Transport Strategies

207A/30 CAMPBELL STREET, BLACKTOWN NSW 2148

ABN 13 254 028 433

PHONE 0424 007 141

PRELIMINARY PLAN

FOR DISCUSSION PURPOSES ONLY SUBJECT TO CHANGE WITHOUT NOTIFICATION

23035-01-V1

07 OF 08

16 February 2023

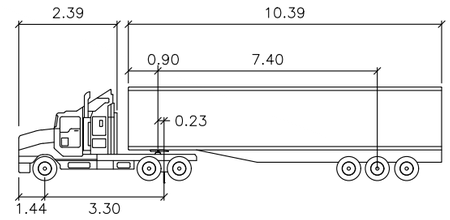
DESIGNED BY S.YOU

APPROVED BY M.KONG

SCALE A3 0 4.0 8.0 1:400

LEGEND:

WORK SITE (A CLASS HOARDING)



14m Semi–Trailer

meters

Tractor Width	: 2.50	Lock to Lock Time	: 6.0
Trailer Width	: 2.50	Steering Angle	: 32.4
Tractor Track	: 2.50	Articulating Angle	: 70.0
Trailer Track	: 2.50		

SWEPT PATH KEY:

- VEHICLE CENTRE LINE
- VEHICLE TYRE PATH
- VEHICLE BODY PATH
- 500mm CLEARANCE FROM VEHICLE BODY

RESEARCH LANE

HAWKESBURY ROAD

14m Semi–Trailer CUSTOM

W:\35\2023\23035 Westmead Children's Hospital\CAD\23035-01-V1.dwg

Plotted by SY

WESTMEAD CHILDREN'S HOSPITAL
CONSTRUCTION TRAFFIC MANAGEMENT PLAN
SWEPT PATH ASSESSMENT

Transport Strategies

207A/30 CAMPBELL STREET, BLACKTOWN NSW 2148
ABN 13 254 028 433
PHONE 0424 007 141

PRELIMINARY PLAN
FOR DISCUSSION PURPOSES ONLY SUBJECT TO CHANGE WITHOUT NOTIFICATION

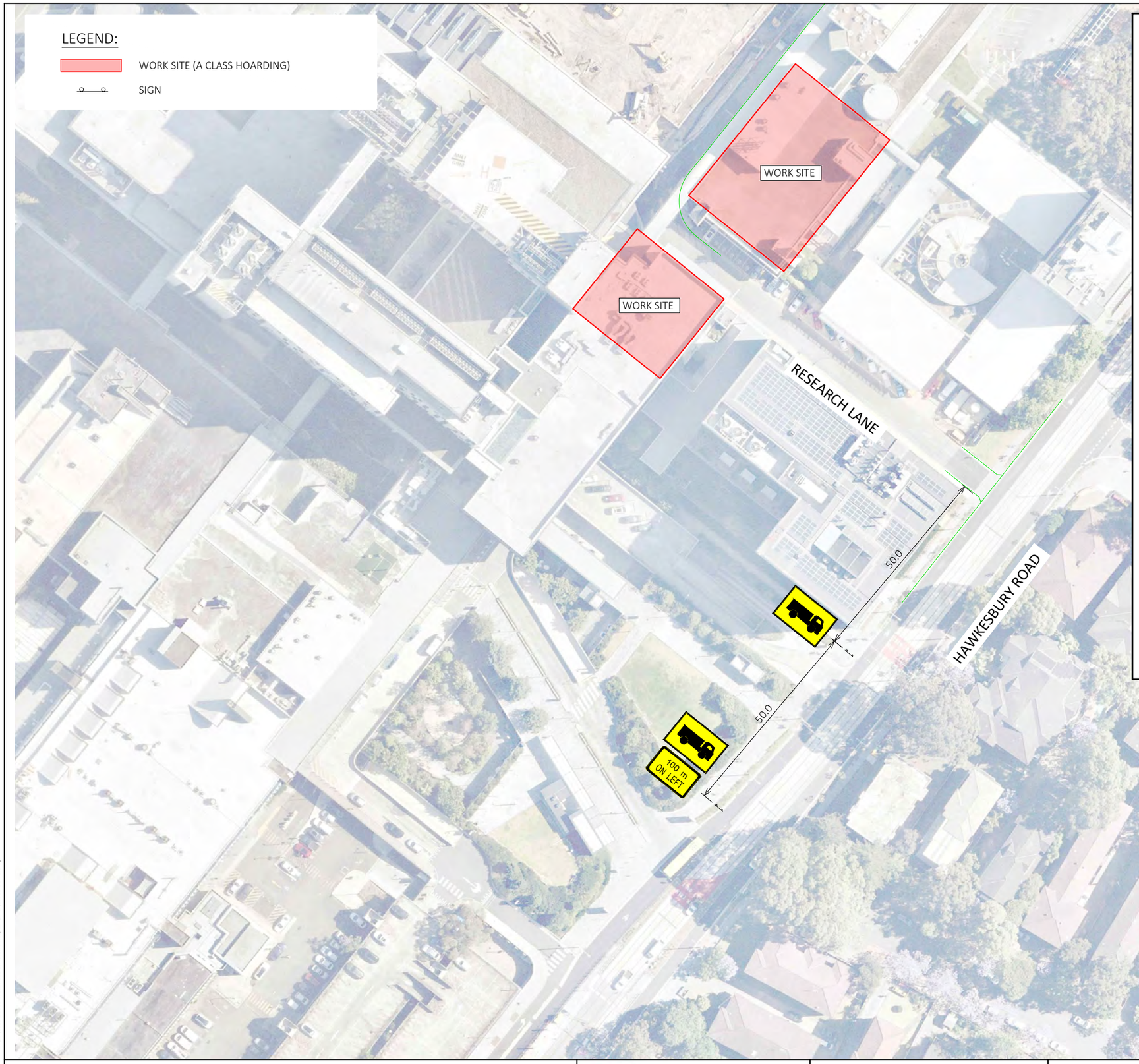
23035-01-V1
08 OF 08
16 February 2023

DESIGNED BY S.YOU
APPROVED BY M.KONG

SCALE A3 0 4.0 8.0 1:400

Transport Strategies

Appendix G
Traffic Guidance Schemes



GENERAL 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 GUIDANCE SCHEMES SHALL BE IMPLEMENTED IN ACCORDANCE WITH THE TFNSW "TRAFFIC CONTROL AT WORK SITES" MANUAL, VER 6.1 (TFNSW 2022) AND AUSTRALIAN STANDARDS AS1742.3:2009 MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, PART 3: TRAFFIC CONTROL DEVICES FOR WORKS ON ROADS.
5. THIS TRAFFIC GUIDANCE SCHEMES SHALL BE SET UP BY A PERSON HOLDING AN "IMPLEMENT TRAFFIC MANAGEMENT PLANS" TICKET AND THE TFNSW TRAFFIC CONTROL AT WORK SITES CHECKLIST SHALL BE COMPLETED PRIOR TO IMPLEMENTATION.
6. THE ACCREDITTED PERSONNEL SHALL IMPLEMENT THE APPROVED TCP BEFORE ANY PHYSICAL WORK COMMENCES. ENSURE A COPY OF THE TCP IS KEPT ON-SITE. THE ACCREDITTED 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 INITIALLED BY THE ACCREDITTED PERSONNEL.
7. IT IS THE RESPONSIBILITY OF AN ACCREDITTED 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 TFNSW ACCREDITATION AS REQUIRED. WHEN REQUIRED T1-34 AND T1-10 SIGNS ARE TO BE SET UP IN ACCORDANCE TO AUSTRALIAN STANDARDS AND TFNSW 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.

CERTIFICATION

THE UNDERSIGNED HAS COMPLETED AND OBTAINED "PREPARE A WORK ZONE TRAFFIC MANAGEMENT PLAN"
DESIGNED BY: CHENLONG YOU
CERTIFICATE NO. TCT0013069
REVIEWD BY: SIEW HWEE KONG
CERTIFICATE NO. TCT1030659

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Plotted by SY

WESTMEAD CHILDREN'S HOSPITAL
CONSTRUCTION TRAFFIC MANAGEMENT PLAN
TRAFFIC GUIDANCE SCHEME - GENERAL CONSTRUCTION VEHICLE ACCESS

Transport Strategies
207A/30 CAMPBELL STREET, BLACKTOWN NSW 2148
ABN 13 254 028 433
PHONE 0424 007 141

PRELIMINARY PLAN
FOR DISCUSSION PURPOSES ONLY SUBJECT TO CHANGE WITHOUT NOTIFICATION

23035-01-V1
01 OF 08
16 February 2023

DESIGNED BY S.YOU
APPROVED BY M.KONG
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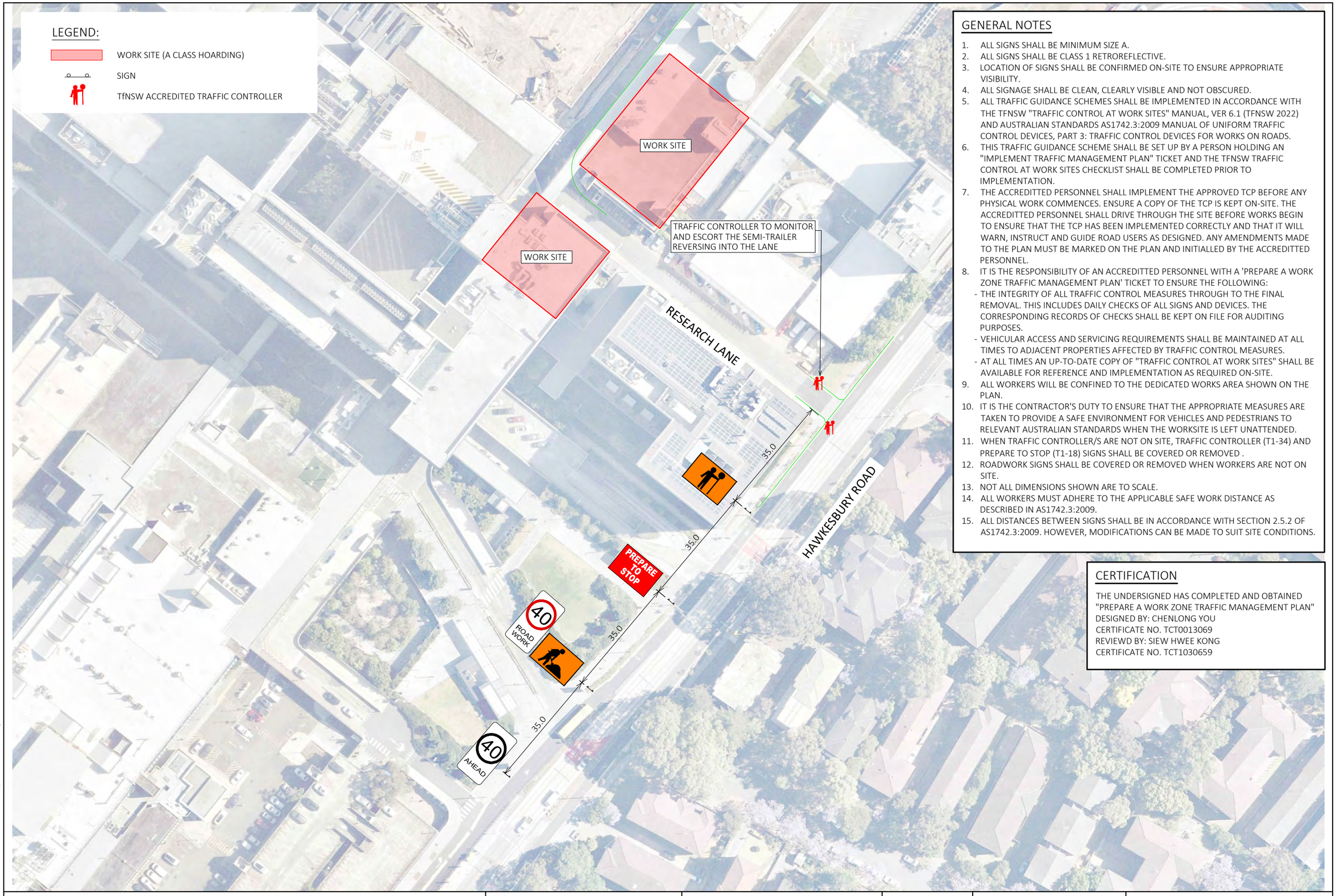

GENERAL NOTES

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 SIGNAGE SHALL BE CLEAN, CLEARLY VISIBLE AND NOT OBSCURED.
5. ALL TRAFFIC GUIDANCE SCHEMES SHALL BE IMPLEMENTED IN ACCORDANCE WITH THE TFNSW "TRAFFIC CONTROL AT WORK SITES" MANUAL, VER 6.1 (TFNSW 2022) AND AUSTRALIAN STANDARDS AS1742.3:2009 MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, PART 3: TRAFFIC CONTROL DEVICES FOR WORKS ON ROADS.
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   - 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.
9. ALL WORKERS WILL BE CONFINED TO THE DEDICATED WORKS AREA SHOWN ON THE PLAN.
10. 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.
11. WHEN TRAFFIC CONTROLLER/S ARE NOT ON SITE, TRAFFIC CONTROLLER (T1-34) AND PREPARE TO STOP (T1-18) SIGNS SHALL BE COVERED OR REMOVED .
12. ROADWORK SIGNS SHALL BE COVERED OR REMOVED WHEN WORKERS ARE NOT ON SITE.
13. NOT ALL DIMENSIONS SHOWN ARE TO SCALE.
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.

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CONSTRUCTION TRAFFIC MANAGEMENT PLAN
TRAFFIC GUIDANCE SCHEME - SEMI-TRAILER ACCESS

Transport Strategies
207A/30 CAMPBELL STREET, BLACKTOWN NSW 2148
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