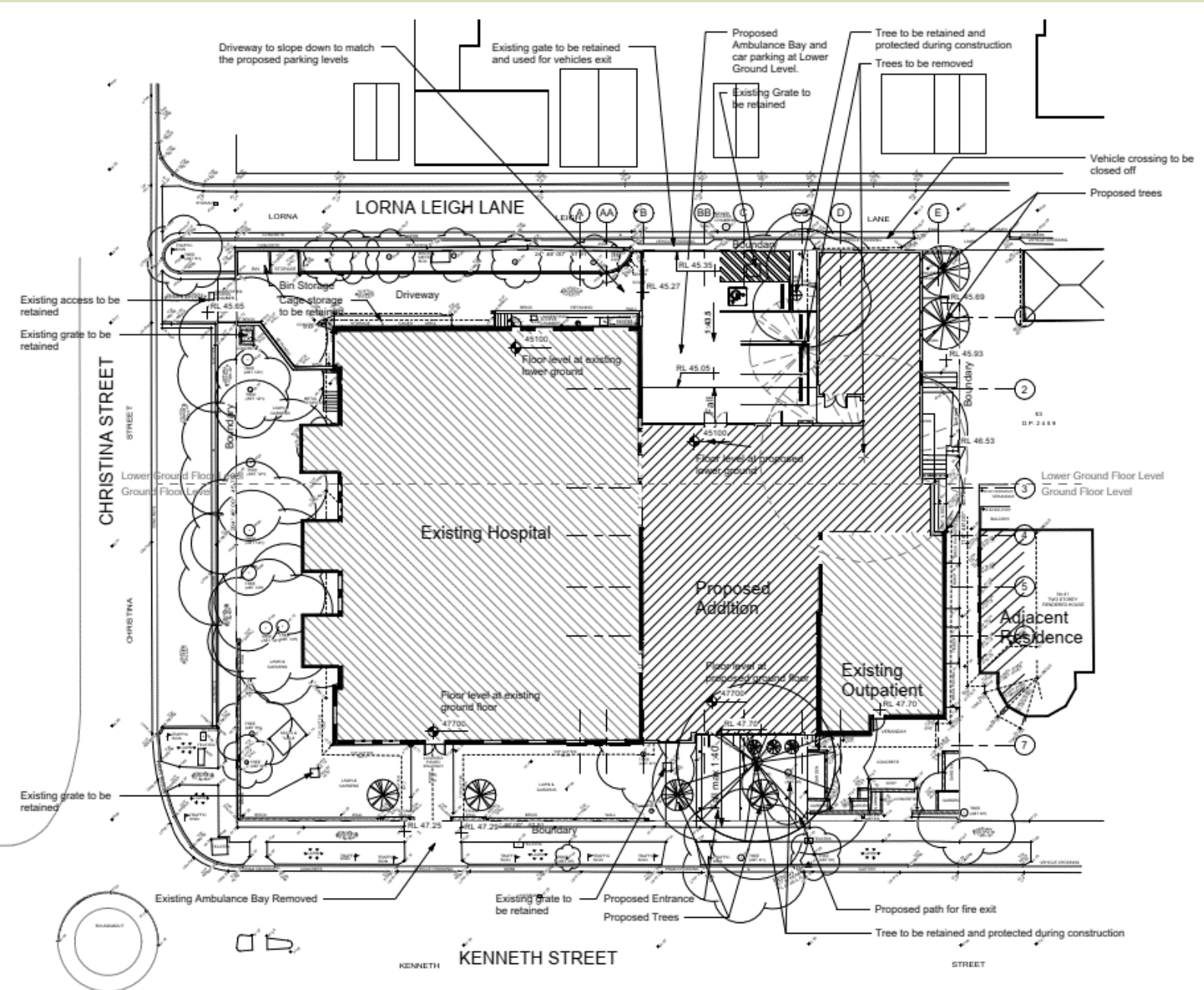


# 45-47 Kenneth Street, Longueville Proposed Additions to the Existing Longueville Private Hospital Transport and Parking Impact Assessment



Client Name: Macquarie Health Corporation

Reference: 22053

Issue: Draft



# Contents

---

<b>1.0</b>	<b>INTRODUCTION .....</b>	<b>3</b>
1.1	Background .....	3
1.2	Purpose of this Report .....	3
1.3	References .....	3
<b>2.0</b>	<b>EXISTING TRANSPORT CONDITIONS .....</b>	<b>4</b>
2.1	Existing Site .....	4
2.2	Road Network .....	5
2.3	Key Intersections .....	6
2.4	Existing Traffic Conditions .....	6
2.5	Public Transport .....	6
2.6	Cycling Network .....	7
<b>3.0</b>	<b>PROPOSAL .....</b>	<b>9</b>
<b>4.0</b>	<b>PARKING REQUIREMENTS .....</b>	<b>10</b>
4.1	Council's DCP Car Parking Rates .....	10
4.2	Adequacy of Car Parking Provision .....	10
4.3	DCP Disabled/Adaptable Parking Rate .....	14
4.4	DCP Bicycle Parking Rate .....	14
4.5	Ambulance Access .....	15
4.6	Service Vehicle Parking .....	16
<b>5.0</b>	<b>TRANSPORT IMPACTS .....</b>	<b>17</b>
<b>6.0</b>	<b>SITE ACCESS AND CAR PARKING LAYOUT .....</b>	<b>18</b>
6.1	Site Access .....	18
6.2	Car Parking Layout .....	18
<b>7.0</b>	<b>CONCLUSIONS .....</b>	<b>19</b>

## APPENDICES

---

Appendix A – Architectural Plans  
Appendix B – Public Transport Provisions  
Appendix C – Swept Path Assessments



# 1.0 Introduction

---

## 1.1 Background

Transport Strategies has been commissioned by Macquarie Health Corporation to undertake a traffic and parking impact assessment for the proposed alterations and additions to the existing Longueville Private Hospital at 43-47 Kenneth Street, Longueville.

## 1.2 Purpose of this Report

This report has been prepared to seek a Development Application (DA) approval from Lane Cove Municipal Council to alter and add new facilities and beds to the existing single-storey existing Longueville Private Hospital building with an at-grade carpark. This report sets out an assessment of the anticipated traffic and parking implications of the proposed development.

The structures of the report are as follows:

- Chapter 2: Describes the existing site and transport conditions
- Chapter 3: Describes the proposal
- Chapter 4: Assesses the parking requirements and adequacy of the proposed parking provision
- Chapter 5: Assesses transport impacts
- Chapter 6: Assesses vehicle access and car parking layout
- Chapter 7: Summarises the study's findings

## 1.3 References

- Lane Cove Council Development Control Plan (DCP) 2010
- AS/NZS 2890.1:2004 - Parking facilities Off-street car parking
- AS 2890.2:2018 Parking facilities - Off-street Commercial Vehicle Facilities
- AS/NZS 2890.6:2022 - Parking facilities Off-street parking for people with disabilities
- Other documents and data as referenced in this report.

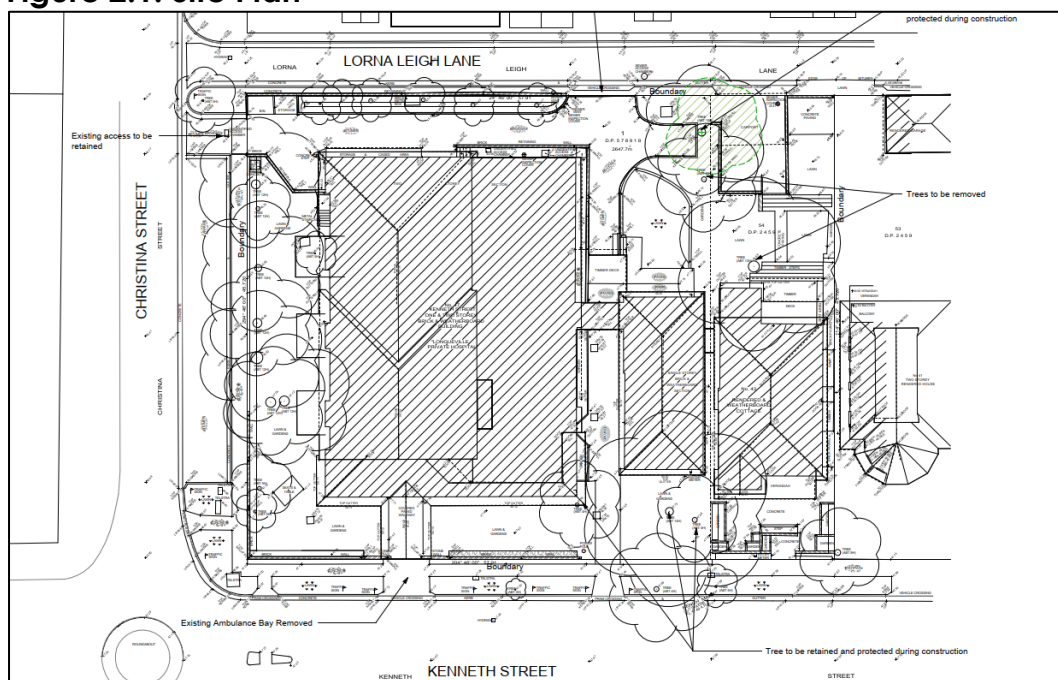


## 2.0 Existing Transport Conditions

### 2.1 Existing Site

The site is Lot 10 of DP1221098 and is located at 43-47 Kenneth Street, Longueville, within the local government area of Lane Cove. The site is located in zoned R2 Low-Density Residential. It is rectangular in shape with an area of approximately 550m<sup>2</sup>. The site has 58m frontages to Kenneth Street and Lorna Leigh Lane and 46m frontage to Christina Street. The surrounding area is primarily comprised of low-density residential uses. The site is currently occupied by three single-storey buildings with a total of 1289.9 m<sup>2</sup> GFA. The existing Hospital has 22 rooms (29 beds) and does not have any off-street car parking spaces. There are currently 3 registered medical practitioners and 9 employees on the Site at any one time. Patients and staff currently rely on surrounding on-street parking specifically on Christina Street and Kenneth Street. Vehicle access to the off-street loading bay is provided on the western corner of the site along Christina Street (ingress) and the northern corner of the site along Lorna Leigh Lane (egress). There is an existing driveway along Lorna Leigh Lane providing access to the double garage of Longueville Wellness Centre located at 43 Kenneth Street. The existing site plan is shown in Figure 2.1.

**Figure 2.1: Site Plan**







The site layout and surrounding environs are shown in Figure 2.2.

**Figure 2.2: Site Layout and Surrounding Environs**



## 2.2 Road Network

Road network around the vicinity of the site is detailed below:

- Kenneth Street is a collector road linking Northwood Road to the northeast and Belcote Road to the southwest. The road generally runs in a north-south direction with a single lane of traffic in each direction. Kerbside parking is permitted along both sides of the road.
- Christina Street is a local road that connects William Edward Street to the west and Arabella Street to the east. In the vicinity of the site, on-street parking is available along both sides of Christina Street.
- Lorna Leigh Lane is a narrow laneway that terminates with a cul-de-sac on the northern end and connects to Christina Street on the southern end. It provides vehicular and service access to the Hospital and adjacent low-density residential developments.

The surrounding road network is shown in Figure 2.3.



**Figure 2.3: Road Network**



### 2.3 Key Intersections

The key intersections in the vicinity of the site comprise:

- the roundabout intersection at Kenneth Street/ Christina Street.
- the priority-controlled intersections at:
  - William Edward Street/ Christina Street
  - Christina Street/ Lorna Leigh Lane.

### 2.4 Existing Traffic Conditions

Kenneth Street is a busy collector road and experiences some peak-hour traffic congestion. Observations of traffic activity in the vicinity of the development site during the morning and afternoon peak periods reveal some queuing occurs at times along Kenneth Street due to the traffic congestion at its intersection with Northwood Road. Traffic flows along Christina Street and Lorna Leigh Lane are minor during peak hours.

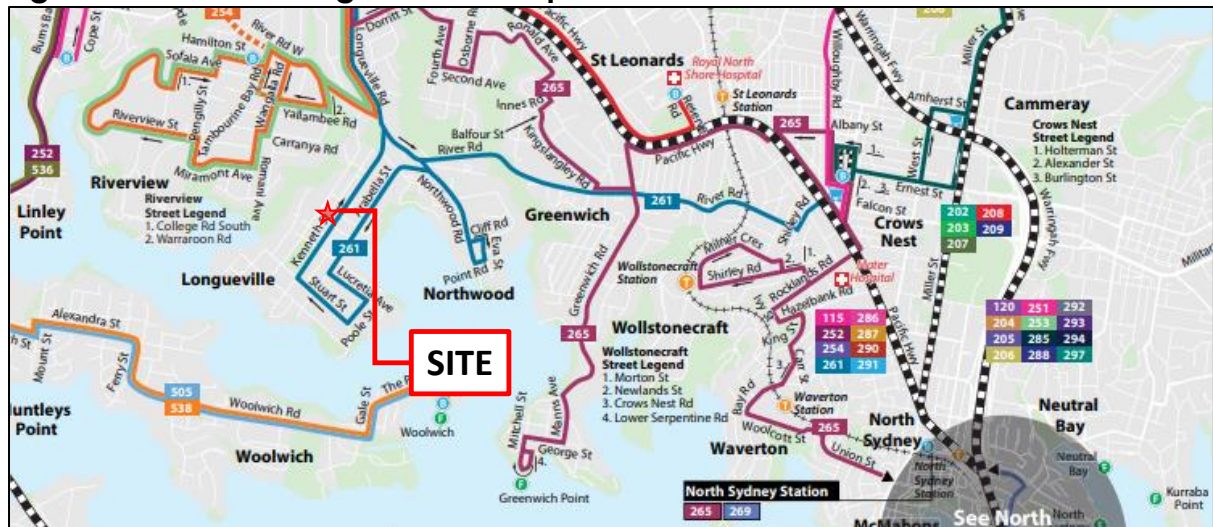
### 2.5 Public Transport

The site is well located for public bus services. The nearest bus stop is located 20m to the south of the Hospital on Kenneth Street. The bus stop is serviced by bus route no. 261 (Lane Cove to City King Street Wharf via Longueville) with a 20-minute frequency during peak hours. This bus route also links the site to train services at Wynyard and North Sydney Stations and ferry services at King Street Wharf. The public transport provisions are shown in Figure 2.4 and detailed in



Appendix B.

**Figure 2.4: Surrounding Public Transport Provision**



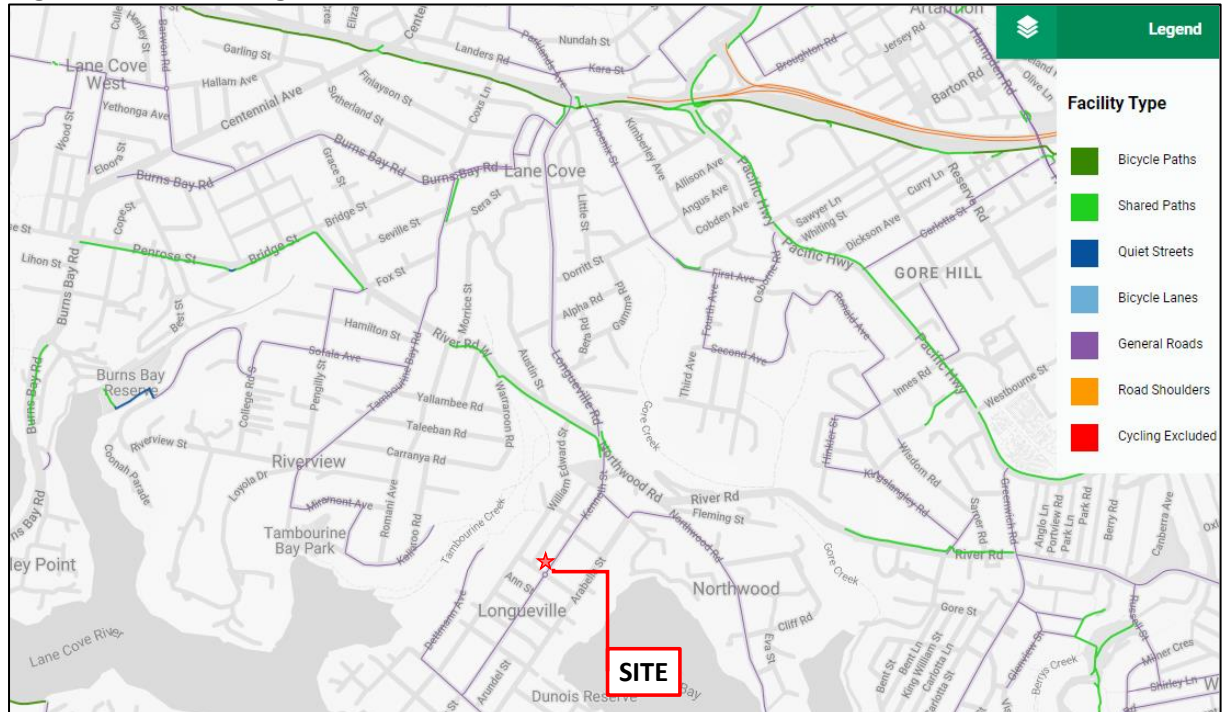
2.6 Cycling Network

The site is well situated within the ever-improving and expanding cycling network within and adjacent to Lane Cove. There is a mix of on-road cycling routes along Kenneth Street. The bicycle network surrounding the site is shown in Figure 2.5.





Figure 2.5: Cycling Network







## 3.0 Proposal

---

The proposed development comprises additions to the existing Longueville Private Hospital

The proposal comprises:

- 2,412.9 m<sup>2</sup> GFA
- 1 additional room (1 bed) on the lower ground level
- 18 additional rooms (19 beds) on the first floor
- Rehabilitation gym
- Hydrotherapy pool
- 4 at-grade car parking spaces including 1 accessible space
- 1 shared ambulance bay/service vehicle bay
- The existing driveways on the Christina Street and Lorna Leigh Lane frontages for the Hospital will be retained.
- The existing driveway on Lorna Leigh Lane frontage for the Wellness Centre will be removed.

In addition to the existing 22 rooms (29 beds), the proposed addition will result in a total of 30 rooms (48 beds).

The proposed development will have up to 4 registered medical practitioners and 12 employees on the site at any one time.

See plans prepared by Imagescape Design Studios in Appendix A.



## 4.0 Parking Requirements

---

### 4.1 Council's DCP Car Parking Rates

Council's DCP provides the following criteria in terms of car parking requirements:

Employees	1 space per registered medical practitioner/dentist + 1 space per 2 employees
Visitors	1 space per 3 beds

Application of the DCP criteria reveals the following car parking requirements:

4 registered medical practitioners	4 spaces
12 employees	6 spaces
48 beds	16 spaces
<b>Total</b>	<b>26 spaces</b>

### 4.2 Adequacy of Car Parking Provision

The proposal will provide 4 car parking spaces (including 1 disabled space) on the site with the following allocation:

- ❖ 3 practitioner spaces
- ❖ 1 disabled visitor space

Based on the above, it is proposed to provide 3 spaces for staff and 1 disabled space for visitors.

While the number of on-site parking spaces is short of the DCP parking requirement, the provision of 3 on-site car spaces is considered appropriate to accommodate the parking demand associated with the Hospital due to the following key factors:

- ❖ Consistent with the existing arrangement, any additional demand can be accommodated easily within the existing on-street spaces Kenneth Street, Arabella Street, New Street, Christina Street, Ann Street, William Edward Street, Francis Street, Cowper Street, Dunois Street, Stuart Street (minimum vacancy of 98 spaces).



- ❖ A review of the 2016 Australian Bureau of Statistics data for Longueville (see Figure 4.1) revealed 52.5% staff drive to/from their workplace.

**Figure 4.1: ABS data for Longueville**

<u>Travel to work, top responses</u>	<b>Longueville</b>	<b>%</b>
<i>Employed people aged 15 years and over</i>		
Car, as driver	527	52.5
Worked at home	112	11.2
Bus	80	8.0
Car, as passenger	41	4.1
Ferry	37	3.7
People who travelled to work by public transport	192	19.1
People who travelled to work by car as driver or passenger	601	59.5

- ❖ There are realistic transport alternatives to private cars in the locality with the site being directly opposite from the bus stop on Kenneth Street.
- ❖ Due to the lack of on-site parking, some of the car parking demand associated with the Hospital will only be for the short-term use of set-down and pick-up activities during the Hospital's peak hours

It should be noted that Longueville Private Hospital does not allow walk-in without a referral or an appointment. Patients who are referred to the Hospital or those who make appointments will be informed that there will be limited on-site parking and of the other transport options to/from the Site as shown in the following:

- **Parking**  
Ample unrestricted parking is available in the vicinity of the hospital.
- **Public Transport**  
Bus Route 261 – from the city, via North Sydney station and Longueville, to Lane Cove. The bus stops are on Kenneth Street across from the Hospital.
- **Taxi/Ride-share**  
Taxi/ ride-share services such as Uber can drop you off directly at the



Hospital's eastern frontage within the No Parking zone (which can accommodate 2 cars) along the western side of Kenneth Street as shown in Figure 4.2.

**Figure 4.2: No Parking Zone**



- **Ambulance**

In the case of an emergency, an ambulance can be called to transport you to the hospital.

Patients can check with the Hospital directly for any specific transport recommendations or assistance, as well as any associated fees and charges for parking or transport services.

The provision of limited on-site parking is consistent with several older hospitals that are located within the R2 Low-Density Residential Zone, where there are limited opportunities to modify the existing site to accommodate additional on-site parking spaces. One of such hospitals in Sydney, which have traditionally operated with limited on-site car space without any safety and operational issues are:

- ❖ Gordon Private Hospital at 746 Pacific Highway, Gordon (Figure 4.3)
- ❖ Hunters Hill Private Hospital at 9 Mount Street, Hunters Hill (Figure 4.4)
- ❖ Castlecrag Private Hospital at 150 Edinburgh Road, Castlecrag (Figure 4.5)





**Figure 4.3: Gordon Private Hospital at 746 Pacific Highway, Gordon**



**Figure 4.4: Hunters Hill Private Hospital at 9 Mount Street, Hunters Hill**





**Figure 4.5: Castlecrag Private Hospital at 150 Edinburgh Road, Castlecrag**



#### 4.3 DCP Disabled/Adaptable Parking Rate

The DCP requires 1 disabled car parking space to be provided per 25 car spaces (minimum of 1 disabled space) for hospital use. The development proposes 1 disabled car parking space in accordance with the Council's DCP requirements.

#### 4.4 DCP Bicycle Parking Rate

Council's DCP provides the following criteria in terms of bicycle parking requirements:

Employee	1 space per 5 practitioners/professionals
Visitor	1 rack + 1 rack per 200m <sup>2</sup> GFA

Application of the DCP criteria reveals the following bicycle parking requirements:

4 registered medical practitioners	1 bicycle locker
2,412.9 m <sup>2</sup> GFA	13 spaces in the form of racks

Based on on-site observation at the existing Hospital, no staff nor visitors cycle





to/from the Hospital. Given the current non-existing usage of bicycle to/from the Hospital, no bicycle parking will be provided on the site.

### 4.5 Ambulance Access

It is noted that the existing ambulance bay is located off Kenneth Street, as shown in the following Figure 4.6.

**Figure 4.6: Existing Ambulance Bay**



The ambulance space will be relocated to the at-grade carpark and be used as a shared loading space/ambulance space with access off Christina Street and egress via Lorna Leigh Lane.

Satisfactory provision is made for access in and out of the shared loading space/ambulance space, as illustrated on the swept path diagrams provided in Appendix C.

It is anticipated that the arrival and departure of an ambulance within the porte-cochere would be managed with the implementation of a Traffic Management Plan. The plan shall include details and instructions pertaining to the use of ambulance along with other drop off – pick up activities.

The ambulance provider will ensure they are in contact with the Hospital management, thus ensuring the vehicle's arrival is anticipated and planned. Such a process will be important in managing ambulance activity to ensure



access to the shared loading/ambulance space by other vehicles is minimally affected at all times.

### 4.6 Service Vehicle Parking

The waste collection for the Hospital is currently completed by a private waste contractor. The Hospital management will extend the existing private waste collection service to cover the proposed Hospital.

The existing designated loading bay on the ground level will be shared with the ambulance bay.

Refuse will be removed from within the site by an 8.8m long private waste contractor vehicle, with the waste collection taking place outside of the peak hours. Waste collection is expected to occur no more than once a day (typically on weekdays).

It is noted that the servicing elements of the Hospital will generally be privately serviced. As such, a schedule (including ambulance/patient transfer arrival/departure can be developed to suit the servicing needs of the site and not overlap with each other as required.

Given that the servicing activity will be programmed to occur outside of peak hours, the activities will have no impact on the car parking activities.

Other smaller service vehicles, including vans, couriers, food catering, lift checking/maintenance, and other service personnel, only involve vans, utes, etc. will also be to use the loading space and the available kerbside parking.





## 5.0 Transport Impacts

---

Application of the RMS traffic generation criteria for “Private Hospital” to the proposed additional beds and staff would indicate the following:

**AM Peak**

$$10.21 + 0.47 \times 19 + 0.06 \times 4 = 20 \text{ vtp/h}$$

**PM Peak**

$$2.84 + 0.25 \times 19 + 0.40 \times 4 = 10 \text{ vtp/h}$$

*B = Beds; S = Staff*

Based on the above, the proposed development could potentially generate up to 20 additional vehicle trips per hour during peak hours. This equates to 1 vehicle trip per 3 minutes.

It should be noted that the above volumes would also comprise a significant proportion of movements from taxis and ride-share vehicles, with some of them already within the surrounding road network.

Given the minor additional traffic volumes generated by the proposed development, this additional traffic could not be expected to compromise the safety or function of the surrounding road network.



## 6.0 Site Access and Car Parking Layout

---

### 6.1 Site Access

It is to retain:

- ❖ a 4m-wide ingress driveway along Christina Street.
- ❖ a 6m-wide egress driveway along Lorna Leigh Lane.

The ingress and egress maneuvering arrangements at these driveways will be satisfactory, as confirmed by the turning path assessment for ambulance and MRV, provided in Appendix C.

The existing regular gaps in the traffic flow along Lorna Leigh Lane and Christina Street will allow vehicles to ingress and egress the driveways without any undue difficulty and delay.

### 6.2 Car Parking Layout

The car park layout has been reviewed against the requirements of the Australian Standard AS2890. This assessment included a review of the following:

- |                                |   |
|--------------------------------|---|
| ❖ bay and aisle width          | ❖ height clearances                     |
| ❖ adjacent structures          | ❖ parking for persons with disabilities |
| ❖ turnaround facilities        | ❖ bicycle parking                       |
| ❖ circulation aisles and ramps |   |
| ❖ ramp grades                  |   |

A review indicates that the proposed car parking layout is expected to operate satisfactorily, with all parking spaces, aisle widths, ramp grades/transitions and height clearances to be provided in accordance with the requirements of AS2890.1 and 6.

The swept path assessment indicating satisfactory provision for B85 car turning and maneuvering is provided in Appendix C.

All vehicles will be able to enter and exit the site via Christina Street and Lorna Leigh Lane in a forward direction.



## 7.0 Conclusions

---

There is an increasing demand for medical centre facilities as a consequence of ongoing urban development and population aging in the Lane Cove area. The existing Longueville Private Hospital at 43-47 Kenneth Street, Longueville presents an ideal opportunity for the expansion of services to provide for these needs.

The transport and parking assessment provided in this report confirms that:

- ❖ there will be very accessible and frequent public transport services available for staff, patients, and visitors
- ❖ the proposed development will present negligible traffic impacts on the surrounding road network
- ❖ the proposed car parking provision will be suitable and appropriate given the location of the Hospital and the ample on-street car parking
- ❖ the existing vehicle access and internal circulation arrangements will be suitable and appropriate
- ❖ the proposed car parking layout has been designed in accordance with AS2890.1 and 6 requirements
- ❖ the proposed loading/servicing arrangement will be suitable and adequate for the proposed development

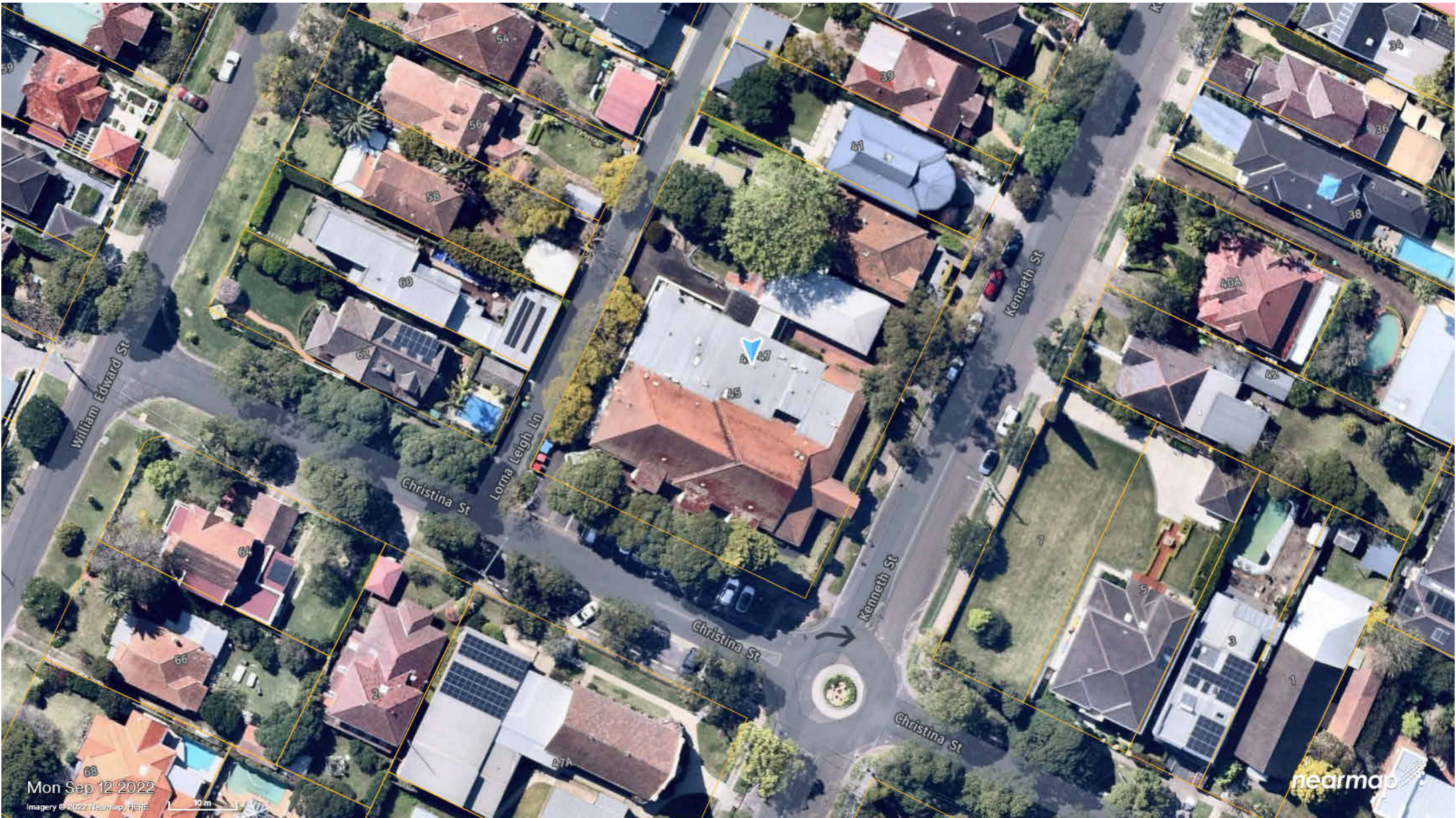


Transport Strategies

# **Appendix A**

## **Architectural Plans**





Drawings List		
Sheet Number	Sheet Name	Current Revision
A 001	TITLE SHEET	8
A 002	ABBREVIATIONS	4
A 003	GFA CALCULATIONS	3
A 010	PERSPECTIVE	
A 020	SITE ANALYSIS	8
A 021	SITE ANALYSIS RESPONSE	8
A 022	VIEWS ANALYSIS	
A 023	STREETSCAPE ANALYSIS	
A 030	SHADOW DIAGRAMS - EXISTING PROPOSED SUMMER 9AM	
A 031	SHADOW DIAGRAMS - EXISTING PROPOSED SUMMER NOON	
A 032	SHADOW DIAGRAMS - EXISTING PROPOSED SUMMER 3PM	
A 033	SHADOW DIAGRAMS - EXISTING PROPOSED WINTER 9AM	
A 034	SHADOW DIAGRAMS - EXISTING PROPOSED WINTER NOON	
A 035	SHADOW DIAGRAMS - EXISTING PROPOSED WINTER 3PM	
A 050	SITE PLAN EXISTING	8
A 051	SITE PLAN PROPOSED	8
A 052	SITE PLAN - LOCAL CONTEXT	4
A 053	SITE WORKS - TRUCK MANOEUVERING	4
A 054	SITE WORKS - DETAILS	4
A 100	LOWER GROUND PLAN EXISTING	8
A 101	GROUND FLOOR PLAN EXISTING	8
A 102	LOWER GROUND DEMOLITION PLAN	7
A 103	GROUND FLOOR DEMOLITION PLAN	7
A 104	LOWER GROUND PLAN PROPOSED	8
A 105	GROUND FLOOR PLAN PROPOSED	8
A 106	FIRST FLOOR PLAN PROPOSED	8
A 107	ROOF PLAN - ROOF PLANT ROOM	8
A 108	L1 CONCRETE OUTLINE	
A 109	L2 CONCRETE OUTLINE	
A 110	ROOF CONCRETE OUTLINE	
A 111	LOWER GROUND FIRE STRATEGY PLAN	
A 112	GROUND FLOOR FIRE STRATEGY PLAN	
A 113	FIRST FLOOR FIRE STRATEGY PLAN	
A 114	LOWER GROUND ACCESSIBILITY PLAN	
A 115	GROUND FLOOR ACCESSIBILITY PLAN	
A 116	FIRST FLOOR ACCESSIBILITY PLAN	
A 117	BASEMENT REFLECTED CEILING PLAN	
A 118	GROUND FLOOR REFLECTED CEILING PLAN	
A 119	FIRST FLOOR REFLECTED CEILING PLAN	
A 300	ELEVATIONS – EAST	8
A 301	ELEVATIONS – NORTH	8
A 302	ELEVATIONS – WEST	8
A 303	ELEVATIONS – SOUTH	8
A 304	EXTERIOR FINISHES	
A 400	SECTIONS - SHEET 1	8
A 401	SECTIONS - SHEET 2	8
A 402	SECTIONS - SHEET 3	
A 403	SECTIONS - SHEET 4	
A 600	BASEMENT FF&E	
A 601	GROUND FLOOR FF&E	
A 602	FIRST FLOOR FF&E	
A 603	FF&E DETAILS	
A 604	ACCESSIBLE TOILET DETAILS	
A 605	ACCESSIBLE TOILET DETAILS	
A 700	DOOR SCHEDULE	
A 701	STANDARD DOOR TYPES	

PRELIMINARY

Consultant Team:

Amendment Issue:		
No.	Description	Date
2	Client Review	15/11/2022
3	Client Review	17/11/2022
4	Amended setbacks	08/12/2022
5	Revision 5	21/12/2022
7	Client Review	15/02/2023
8	Client Review	22/02/2023



imagescape design studios

G 10 58 Miller St, Pyrmont NSW 2009 02 9518 8800 02 8078 6677 studio@imagescape.com.au imagescape.com.au

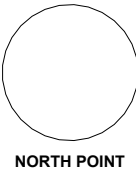
Imagescape design Studios (ABN: 24 137 940 017) is an architect corporation registered under the provisions of the NSW Architects Act 2003. Nominated architects are Christine Kelly registration no. 6000 & Stephen Phillips registration no. 4608



Additions to Longueville Private Hospital

**Macquarie Health Corporation**

47 Kenneth St, Longueville NSW 2066

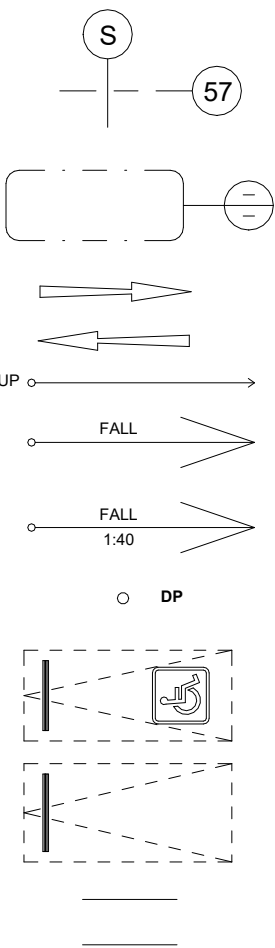


TITLE SHEET

Project numberMacHealth-10		A 001	
Date		Scale @ A1	Plot stamp:
Drawn by	Author		24/02/2023 9:16:20 AM
Checked by	Checker		Version: 8



Symbols & Abbreviations



Intersection between gridlines denotes structural column location for specific locations see structural drawings

Denotes SECTION. Upper number related to section line. Bottom number references to the drawing sheet number.

Denotes CALL OUT. Upper number related to call out. Bottom number references to the drawing sheet number.

Denotes direction line of traffic.  
E.g. one parking aisle or roadway, two-way traffic.

Denotes ramp/stairs UP direction.

Denotes FALL direction.

Denotes grade of FALL

Denotes downpipe.

Denotes disable parking bay at 90°, 5400x2400mm. Comply with AS 2890.1 to have clear head room of 2500mm

Denotes parking bay at 90°, 5400x2600mm. Comply with AS 2890.1

Denotes motorcycle parking bay at 90°, 2500x1200mm. Comply with AS 2890.1

Denotes existing relative ground level

Denotes proposed relative ground level

Denotes proposed finish floor level

Material description. Number related to Natspec specification section code.

Denotes door and relative tag number. E.g. (3.78) read as "door number 78 located to Level 3".

Denotes window system and relative tag number. E.g. (W1) read as "window system type 1".

Denotes louvre system and relative tag number. E.g. (L16) read as "louvre system type 16".

Denotes centre line.

Structural Slab Level

Above Finish Floor

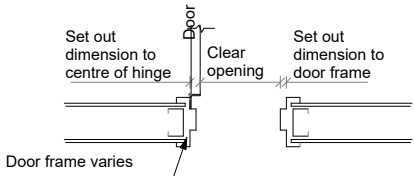
Finish Floor Level

Ceiling Grid Construction Start Point Full or Half Tiles  
Ceiling Grid Construction from this point as indicated

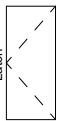
Fire Hose Reel

Smoke Door

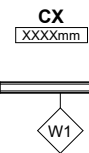
120min Fire Rated



Typical door dimensioning



Door Swing



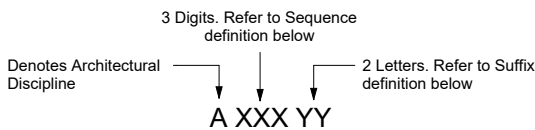
Ceiling tag:  
• CX: C1, C2, ... Ceiling type  
• xxxxmm Elevation from floor finish

Denotes wall types and relative tag number. E.g. (W1) read as "wall type 1".

Wall types

Code	Location	Detail	Layers	FRL
W1	Basement walls Staircse		200mm Concrete cast in situ	120/120/120
W2	Store rooms in basement		190mm Concrete block	120/120/120
W3	External walls in ground and first levels		<ul style="list-style-type: none"><li>110mm Chillingham white smooth facade brick</li><li>40mm Cavity</li><li>Vapor barrier</li><li>Sheeting</li><li>75mm 11kg/m³ Acoustic insulation</li><li>92mm Studs</li><li>13mm Plasterboard</li></ul>	120/120/120
W7	General internal partitioning at ground and first floor		<ul style="list-style-type: none"><li>10mm Plasterboard lining on each side</li><li>90mm Steel studs</li></ul>	-/-
W8	Partitions between residents' rooms		<ul style="list-style-type: none"><li>13mm Fire-rated plasterboard lining on each side</li><li>92mm Steel studs</li><li>75 mm 11kg/m³ insulation within the cavity</li></ul>	-/-
W9	Double-stud partitions between residents' rooms		<ul style="list-style-type: none"><li>13mm Fire-rated plasterboard lining on each side</li><li>2 X 92mm Steel studs with 16mm spacing between them to align with adjacent column faces</li><li>75 mm 11kg/m³ insulation within the cavity</li></ul>	-/-
W10	Partitions between service cavity and bathrooms		<ul style="list-style-type: none"><li>13mm Fire-rated plasterboard lining on each side</li><li>92mm Steel studs</li><li>75 mm 11kg/m³ insulation within the cavity</li></ul>	-/-

Architectural Numbering Sequence



Sequence Dification

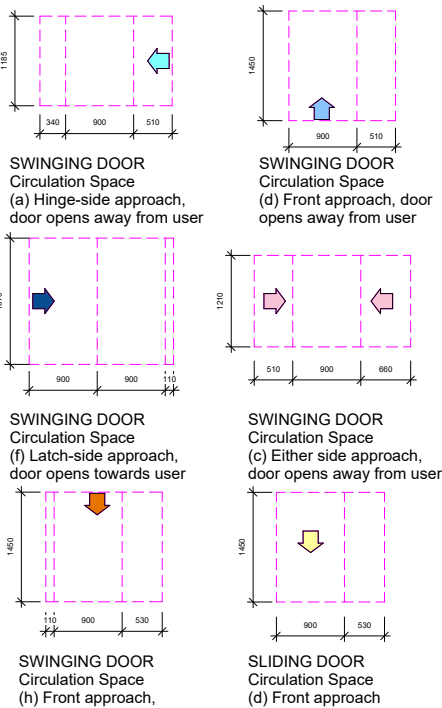
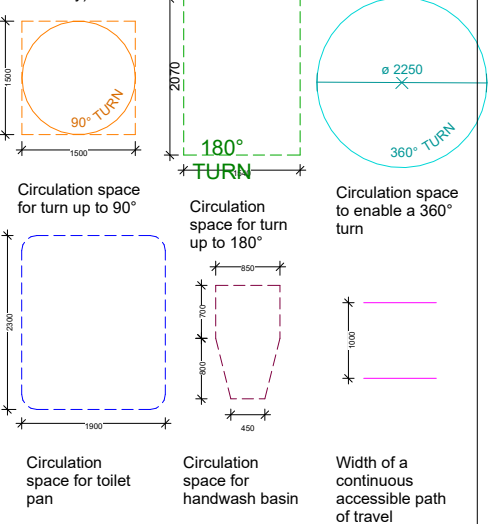
00X	Cover and Abbreviations
01X	Site Layouts
10X	Floor Plans
11X	Fire Layouts
12X	Slab Outline plans
20X	External Finishes
30X	Elevations
40X	Sections
50X	Accessibility Details
51X	Not in use
52X	Stairs Details
53X	Construction Details
60X	Door Schedules and Details

Suffix Dification

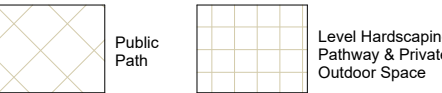
TS	Title Sheet
PL	Plan
SC	Schedule
EL	Elevations
SE	Sections
DT	Details

Accessibility Legend

Minimum Circulation Space according to AS 1428.1 & Schedule 3 SEPP (Housing for Seniors or People with a Disability) 2004



NOTE:  
Circulation space approaching door takes into consideration 900 mm clear opening of doorway



- NOTES:
1. Lockable letterboxes to be provided in communal area.
  2. All bathrooms and laundries to have slip-resistant floor surfaces.
  3. Glazing strips to be provided for all glass doors and windows.
  4. Employees WC to be provided in communal area.
  5. Facilities and services to be provided in communal area, including meeting space, kitchen, doctor's room, store room and accessible bathrooms. Concrete foot path to provide suitable access pathway.

PRELIMINARY

Consultant Team:

Amendment Issue:

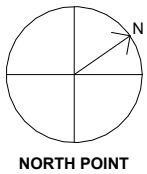
No.	Description	Date
4	Amended setbacks	08/12/2022



Additions to Longueville Private Hospital

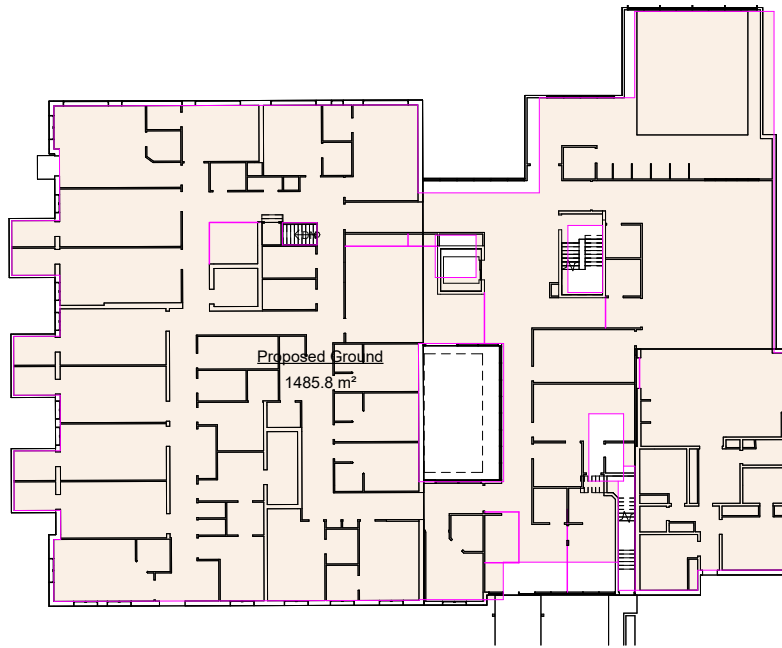
Macquarie Health Corporation

47 Kenneth St, Longueville  
NSW 2066

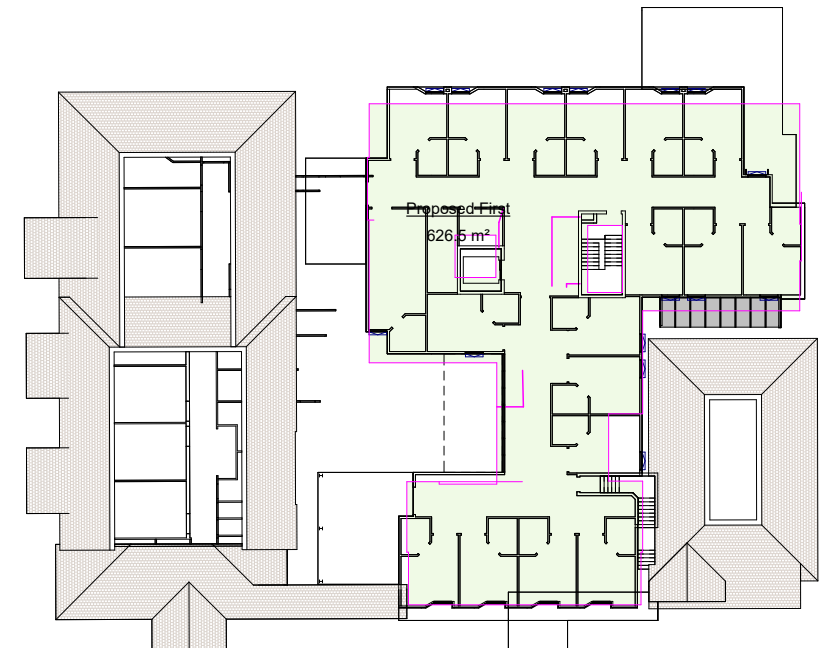


ABBREVIATIONS

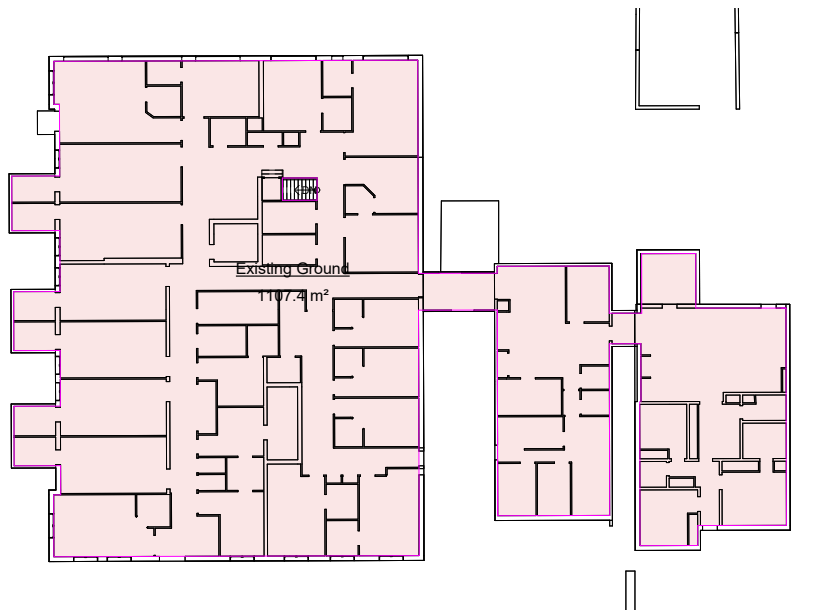
Project number	MacHealth-10	A 002	
Date			
Drawn by	Author	Scale @ A1	Plot stamp:
Checked by	Checker	As indicated	24/02/2023 9:16:21 AM
			Version: 4



2 GROUND FLOOR (PROPOSED)  
A 300/A 003 1 : 250



3 FIRST FLOOR (PROPOSED)  
A 300/A 003 1 : 250



5 GROUND FLOOR (EXISTING)  
A 300/A 003 1 : 250

Proposed Area Schedule			
Level	Name	Area	FSR
GROUND FLOOR	Proposed Ground	1485.8 m²	0.56
FIRST FLOOR	Proposed First	626.5 m²	0.24
Grand total: 2		2112.3 m²	0.80

Existing Area Schedule			
Level	Name	Area	Ratio
GROUND FLOOR	Existing Ground	1107.4 m²	0.42
Grand total: 1		1107.4 m²	0.42

PRELIMINARY

Consultant Team:

Amendment Issue:		
No.	Description	Date
3	Client Review	17/11/2022



imagescape design studios

G 10 55 Miller St, Pyrmont NSW 2009 02 9518 8800 02 8078 6677 studio@imagescape.com.au imagescape.com.au

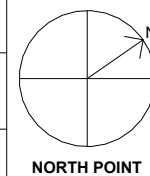
Imagescape design Studios (ABN: 24 137 940 017) is an architect corporation registered under the provisions of the NSW Architects Act 2003. Nominated architects are Christine Kelly registration no. 6000 & Stephen Phillips registration no. 4608



Additions to Longueville Private Hospital

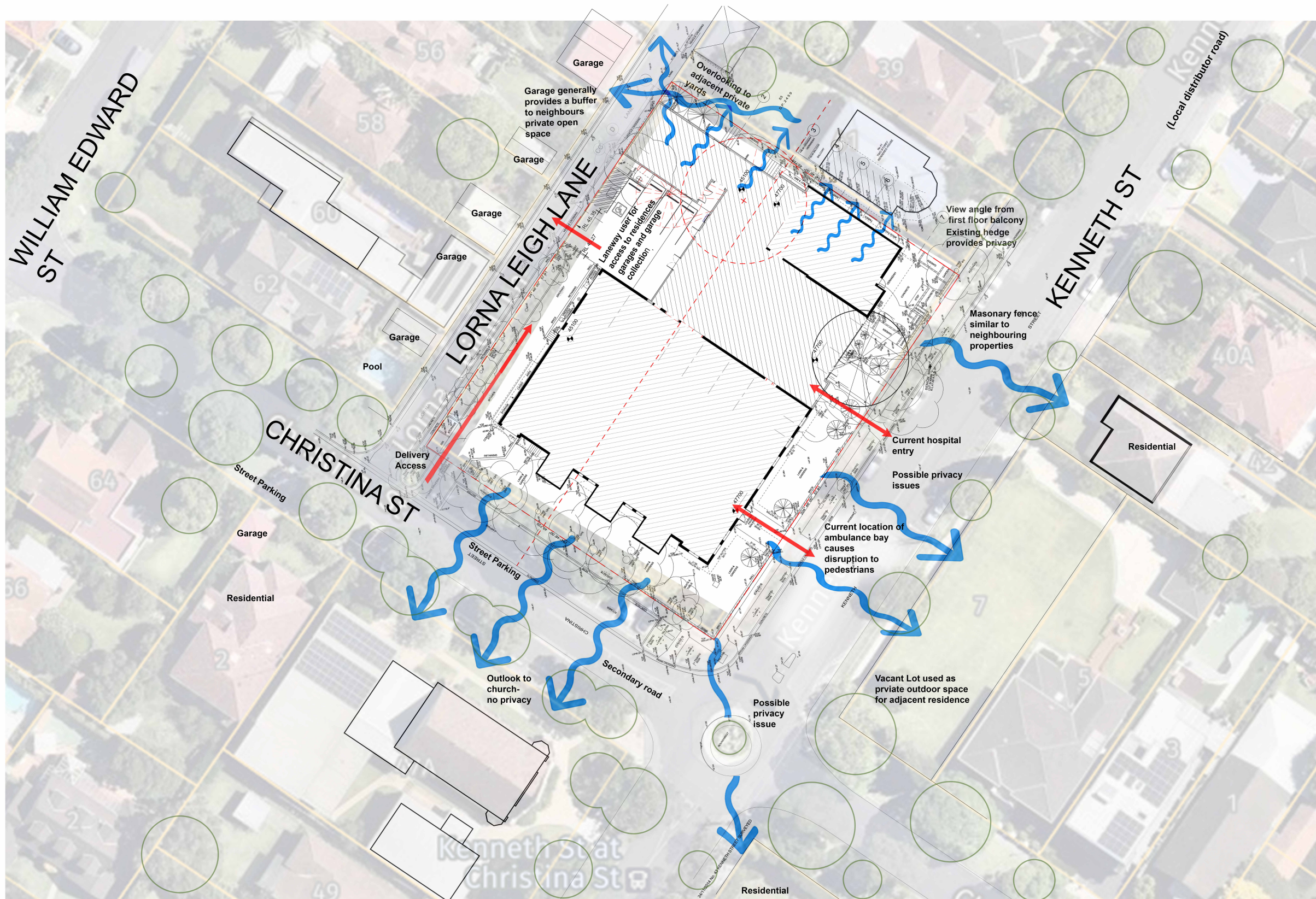
Macquarie Health Corporation

47 Kenneth St, Longueville NSW 2066



GFA CALCULATIONS			
Project numberMacHealth-10		A 003	
Date		24/02/2023 9:16:21 AM	
Drawn by	Author	Scale @ A1	Plot stamp:
Checked by	Checker	1 : 250	Version: 3





PRELIMINARY

Consultant Team:

Amendment Issue:		
No.	Description	Date
8	Client Review	22/02/2023



imagescape design studios

G 10 58 Miller St, Pyrmont NSW 2009 02 9518 8800 02 8078 6677 studio@imagescape.com.au imagescape.com.au

Imagescape design Studios (ABN: 24 137 940 017) is an architect corporation registered under the provisions of the NSW Architects Act 2003. Nominated architects are Christine Kelly registration no. 6000 & Stephen Phillips registration no. 4608



Additions to Longueville Private Hospital

Macquarie Health Corporation

47 Kenneth St, Longueville NSW 2066



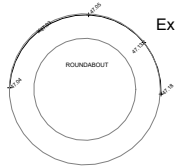
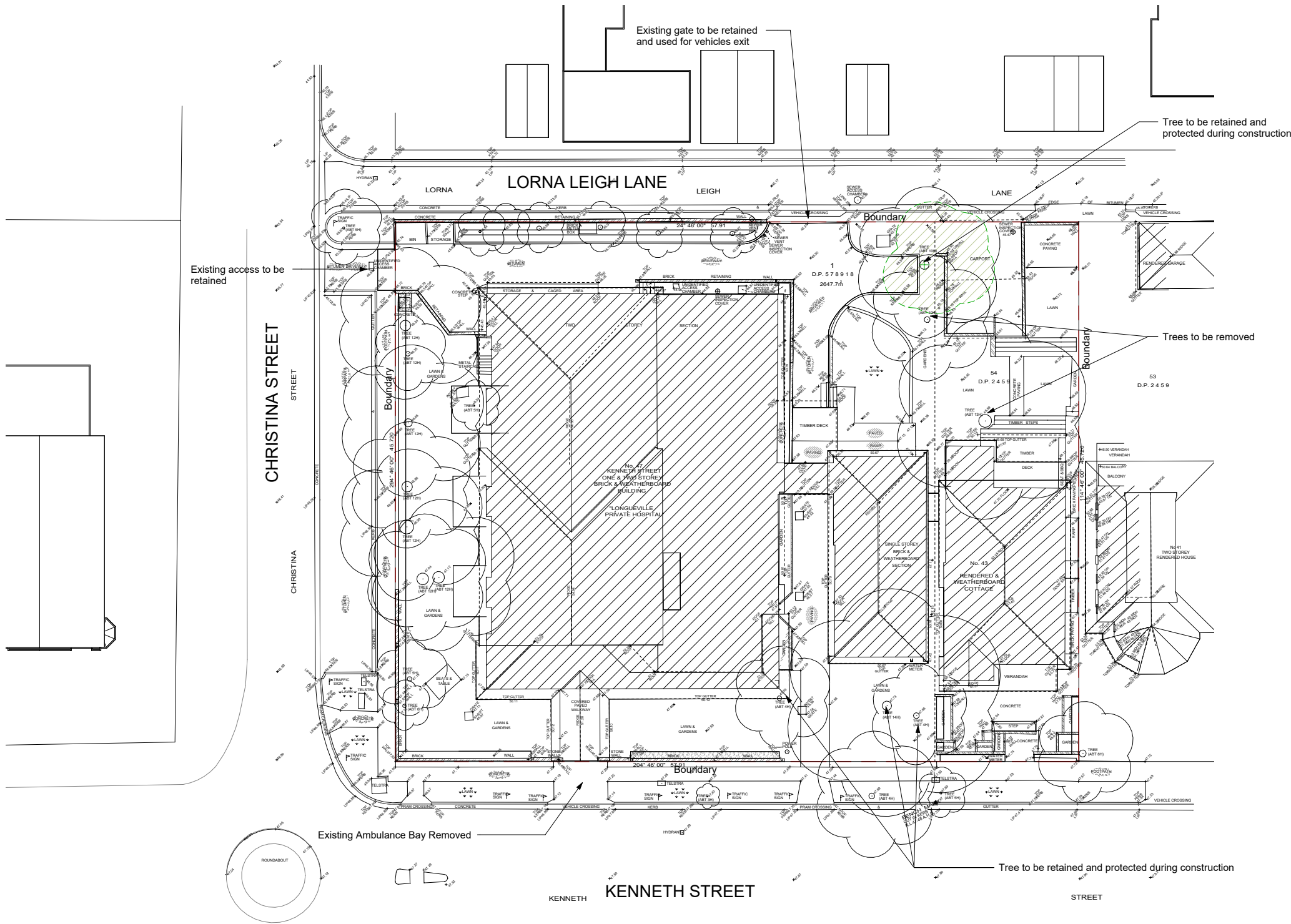
NORTH POINT

SITE ANALYSIS	
Project numberMacHealth-10	A 020
Date	
Drawn by	Author
Checked by	Checker
Scale @ A1	Plot stamp: 24/02/2023 9:16:24 AM
	Version: 8



PRELIMINARY

Consultant Team:	Amendment Issue:			 <b>imagescape design studios</b> <small>G 10 55 Miller St, Pyrmont NSW 2009 02 9518 6800 02 8078 6677 studio@imagescape.com.au imagescape.com.au</small> <small>imagescape design Studios (ABN: 24 137 940 017) is an architect corporation registered under the provisions of the NSW Architects Act 2003. Nominated architects are Christine Kelly registration no. 6000 &amp; Stephen Phillips registration no. 4608</small>		Additions to Longueville Private Hospital		 NORTH POINT	SITE ANALYSIS RESPONSE			
	No.	Description	Date			Macquarie Health Corporation			Project numberMacHealth-10		A 021	
	8	Client Review	22/02/2023						Date			
									Drawn by		Author	
									Checked by		Checker	
											Scale @ A1	
									47 Kenneth St, Longueville NSW 2066		Plot stamp: 24/02/2023 9:16:24 AM Version: 8	



24/11/2014 No. 43 KENNETH STREET SURVEYED

Existing Site 1-200  
1 : 200

Consultant Team:

Amendment Issue:		
No.	Description	Date
3	Client Review	17/11/2022
4	Amended setbacks	08/12/2022
8	Client Review	22/02/2023



**imagescape design studios**  
G 10 55 Miller St, Pyrmont NSW 2009 02 9518 8800 02 8078 6677 studio@imagescape.com.au imagescape.com.au

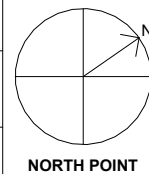
Imagescape design Studios (ABN: 24 137 940 017) is an architect corporation registered under the provisions of the NSW Architects Act 2003. Nominated architects are Christine Kelly registration no. 6000 & Stephen Phillips registration no. 4608



Additions to Longueville Private Hospital

**Macquarie Health Corporation**

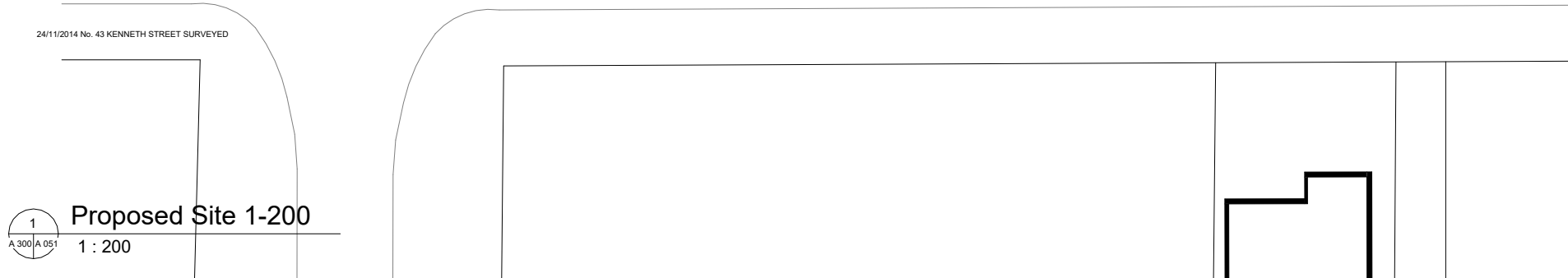
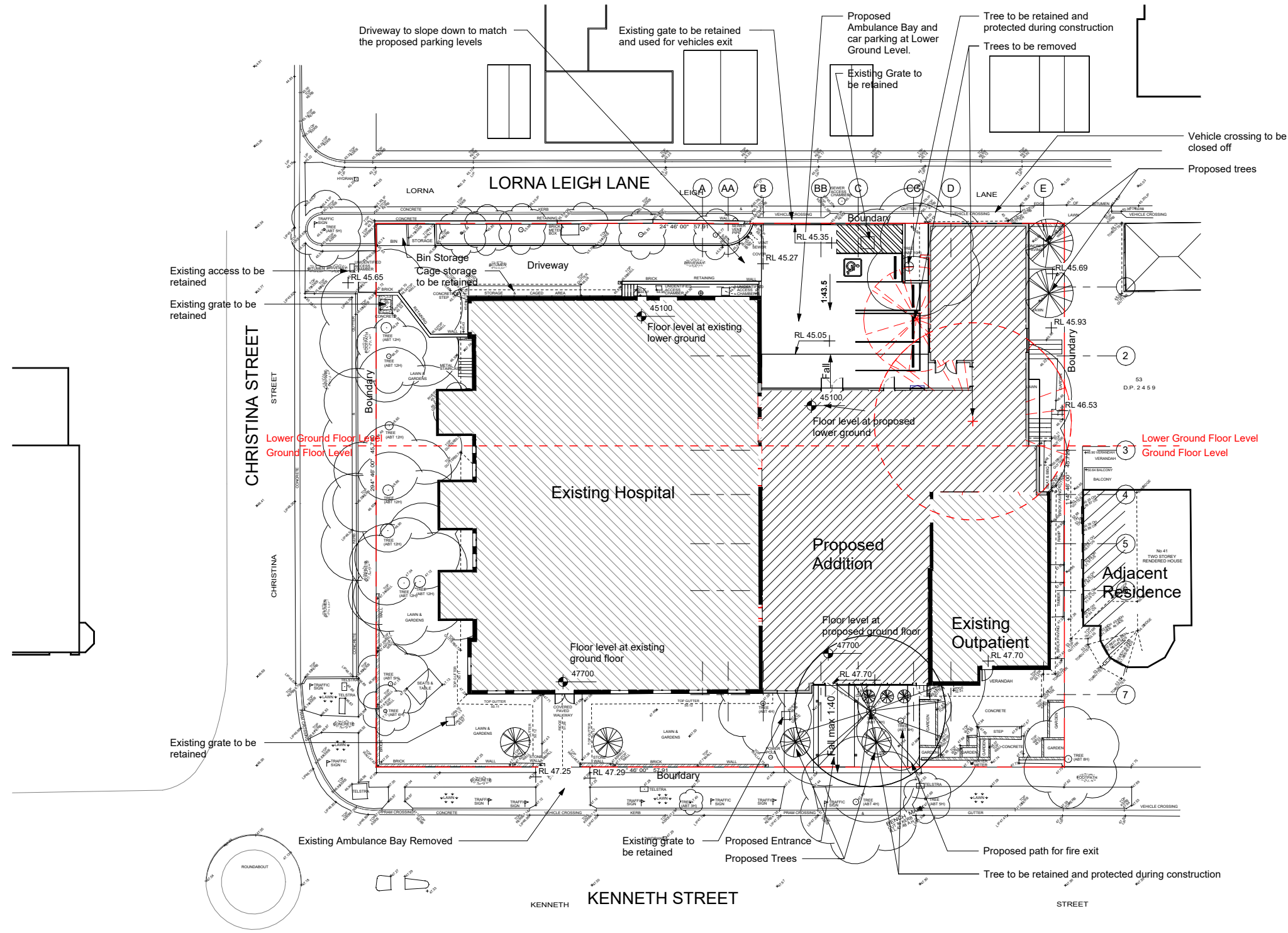
47 Kenneth St, Longueville  
NSW 2066



**PRELIMINARY**

**SITE PLAN EXISTING**

Project numberMacHealth-10		<b>A 050</b>	
Date		Plot stamp:	
Drawn by	Author	Scale @ A1	24/02/2023 9:16:26 AM
Checked by	Checker	1 : 200	Version: <b>8</b>



PRELIMINARY

**Consultant Team:**

No.	Description	Date
3	Client Review	17/11/2022
4	Amended setbacks	08/12/2022
8	Client Review	22/02/2023

imagescape design studios  
G 10 55 Miller St, Pyrmont NSW 2009 02 9518 8800 02 8078 6677 studio@imagescape.com.au imagescape.com.au

imagescape design studios (ABN: 24 137 940 017) is an architect corporation registered under the provisions of the NSW Architects Act 2003. Nominated architects are Christine Kelly registration no. 6000 & Stephen Phillips registration no. 4608

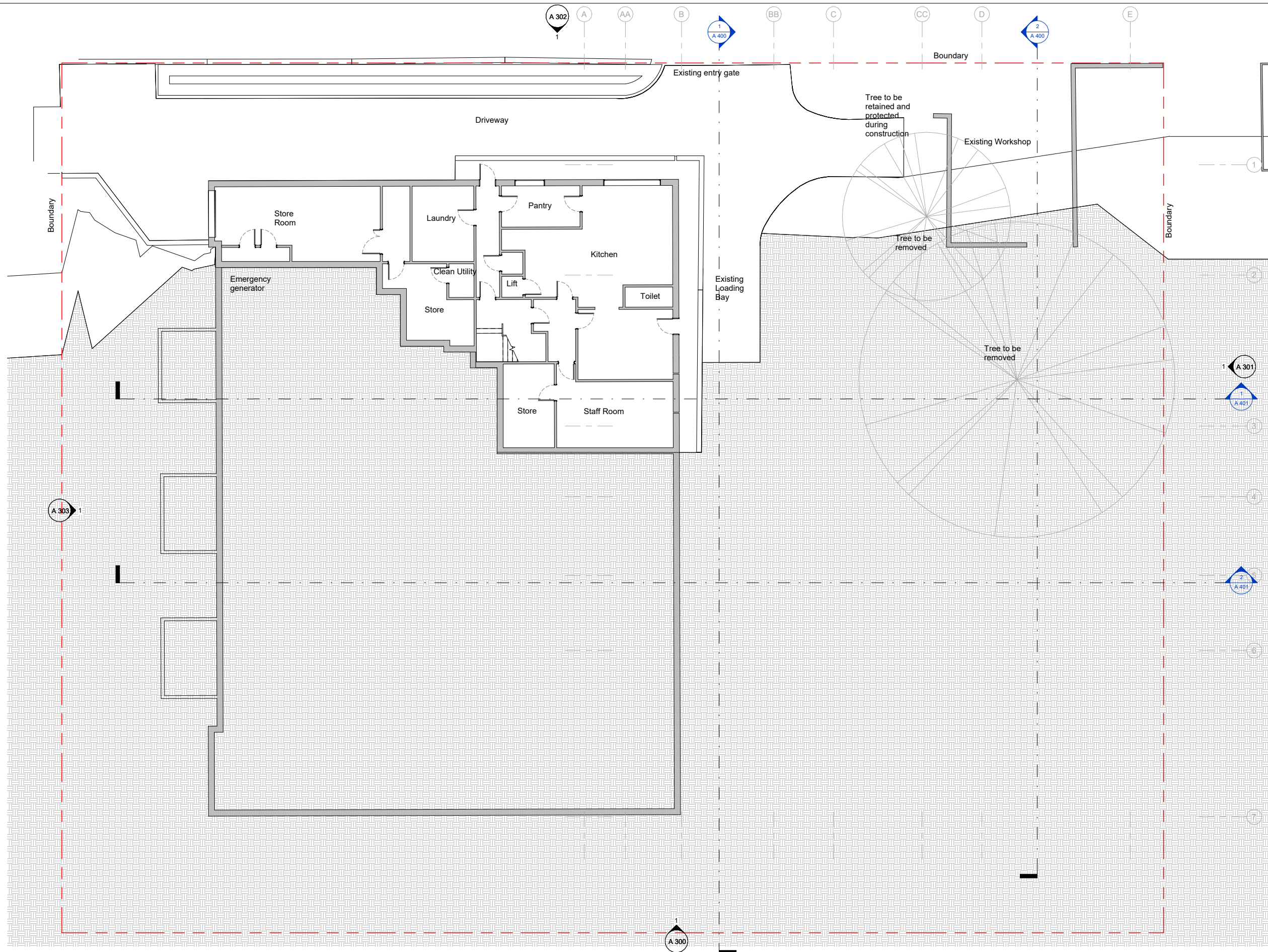
Additions to Longueville Private Hospital

**Macquarie Health Corporation**

47 Kenneth St, Longueville NSW 2066

**SITE PLAN PROPOSED**

Project numberMacHealth-10		<b>A 051</b>	
Date		Scale @ A1	Plot stamp:
Drawn by	Author	1 : 200	24/02/2023 9:16:27 AM
Checked by	Checker	Version: 8	



PRELIMINARY

Consultant Team:

Amendment Issue:		
No.	Description	Date
3	Client Review	17/11/2022
4	Amended setbacks	08/12/2022
7	Client Review	15/02/2023
8	Client Review	22/02/2023



imagescape design studios

G 10 55 Miller St, Pyrmont NSW 2009 02 9518 6800 02 8078 6677 studio@imagescape.com.au imagescape.com.au

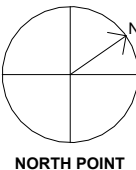
Imagescape design Studios (ABN: 24 137 940 017) is an architect corporation registered under the provisions of the NSW Architects Act 2003. Nominated architects are Christine Kelly registration no. 6000 & Stephen Phillips registration no. 4608



Additions to Longueville Private Hospital

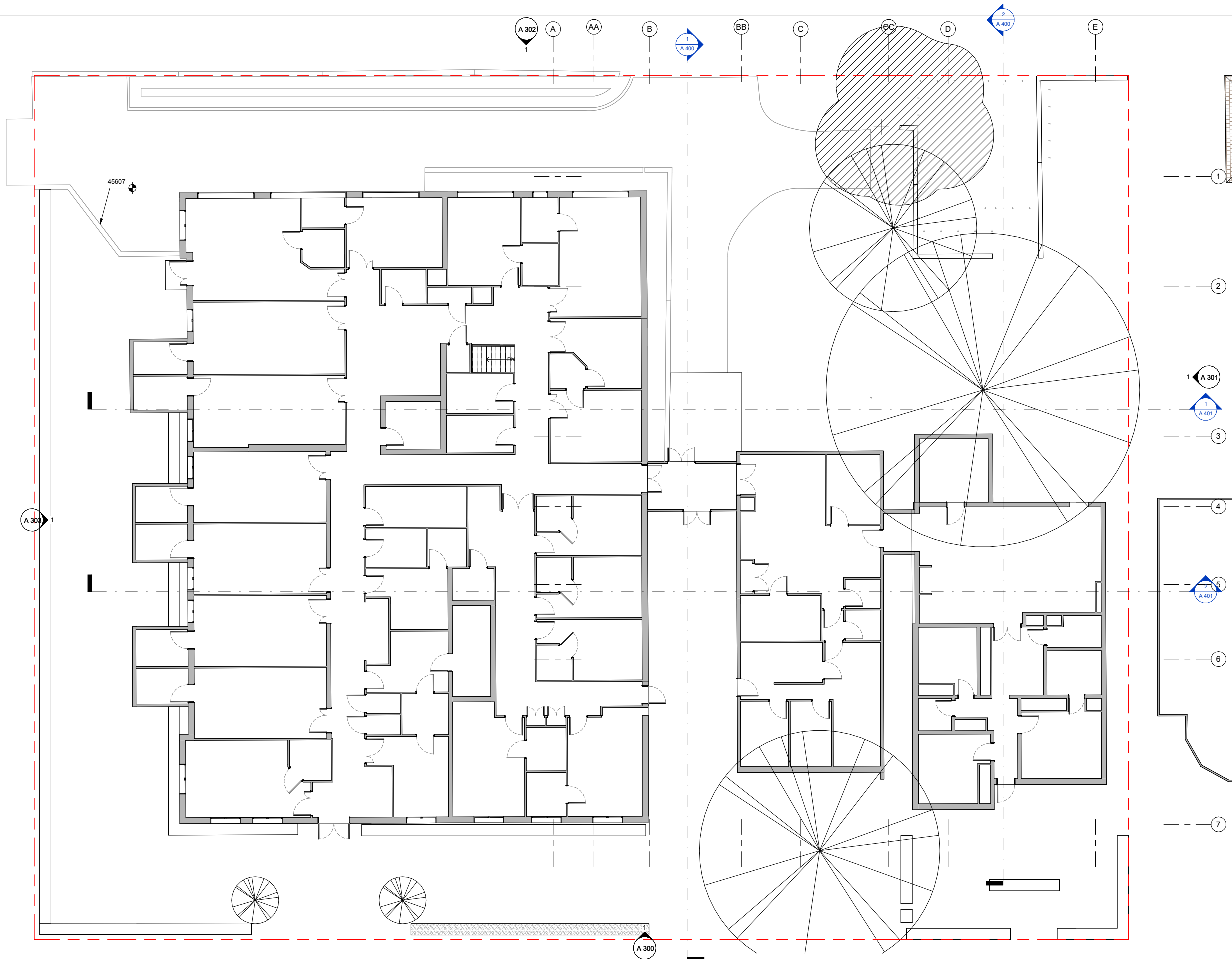
**Macquarie Health Corporation**

47 Kenneth St, Longueville NSW 2066



LOWER GROUND PLAN EXISTING			
Project numberMacHealth-10		A 100	
Date			
Drawn by	Author	Scale @ A1 1 : 100	Plot stamp: 24/02/2023 9:16:27 AM Version: 8
Checked by	Checker		





PRELIMINARY

Consultant Team:

Amendment Issue:

No.	Description	Date
1	Client Review	1/11/2021
3	Client Review	17/11/2022
4	Amended setbacks	08/12/2022
7	Client Review	15/02/2023
8	Client Review	22/02/2023

imagescape design studios

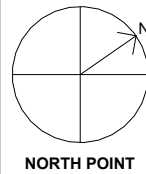
Imagescape design Studios (ABN: 24 137 940 017) is an architect corporation registered under the provisions of the NSW Architects Act 2003. Nominated architects are Christine Kelly registration no. 6000 & Stephen Phillips registration no. 4608



Additions to Longueville Private Hospital

Macquarie Health Corporation

47 Kenneth St, Longueville  
NSW 2066



GROUND FLOOR PLAN EXISTING

Project numberMacHealth-10

Date

Drawn by

Author

Checked by

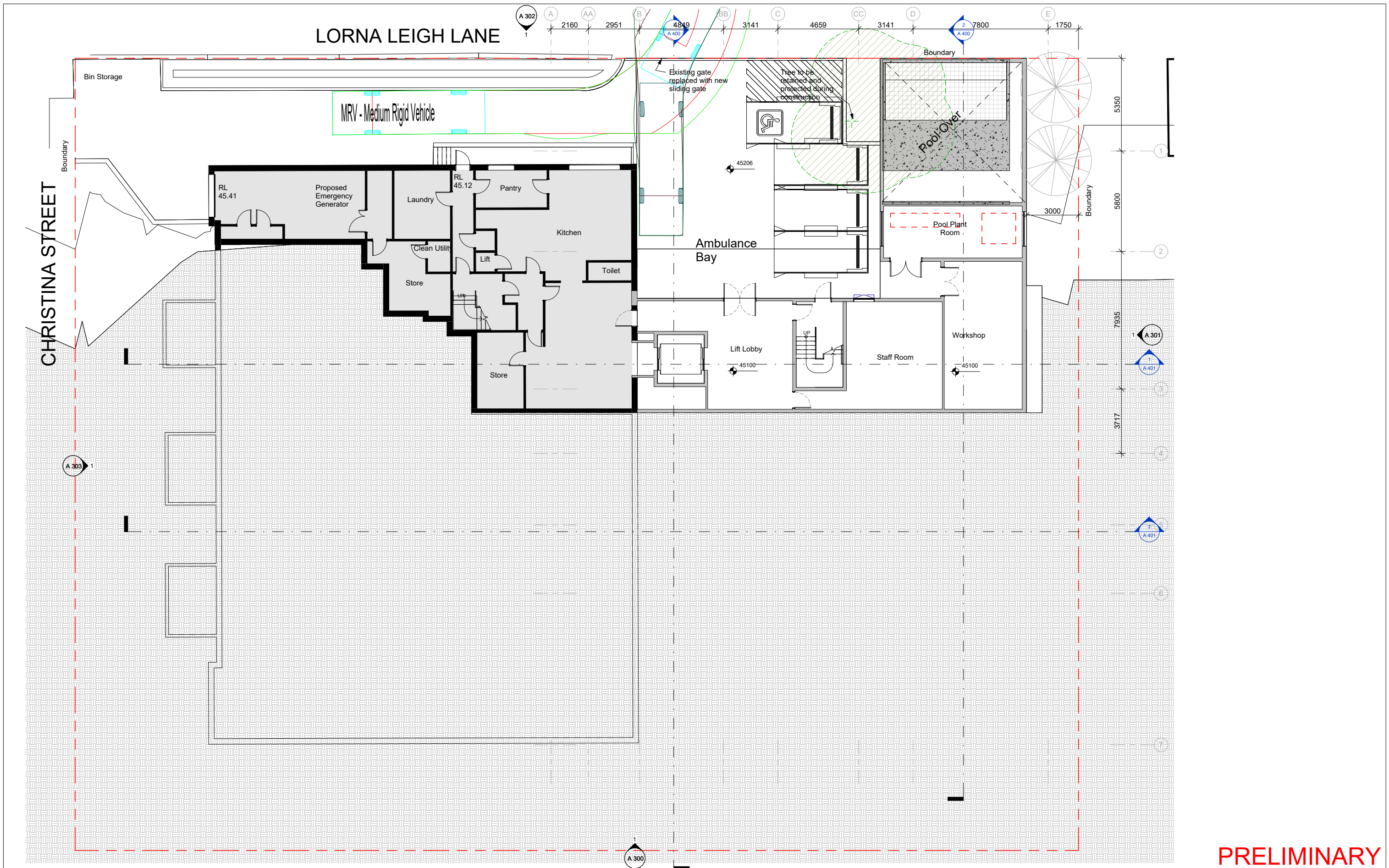
Checker

Scale @ A1

1 : 100

Plot stamp:  
24/02/2023 9:16:28  
AM

Version: 8



PRELIMINARY

**Consultant Team:**

No.	Description	Date
2	Client Review	15/11/2022
3	Client Review	17/11/2022
4	Amended setbacks	08/12/2022
5	Revision 5	21/12/2022
6	Client Review	20/01/2023
7	Client Review	15/02/2023
8	Client Review	22/02/2023



imagescape design studios

G 10 58 Miller St, Pyrmont NSW 2009 02 9518 6800 02 8078 6677 studio@imagescape.com.au imagescape.com.au

Imagescape design Studios (ABN: 24 137 940 017) is an architect corporation registered under the provisions of the NSW Architects Act 2003. Nominated architects are Christine Kelly registration no. 6000 & Stephen Phillips registration no. 4608



Additions to Longueville Private Hospital

**Macquarie Health Corporation**

47 Kenneth St, Longueville NSW 2066

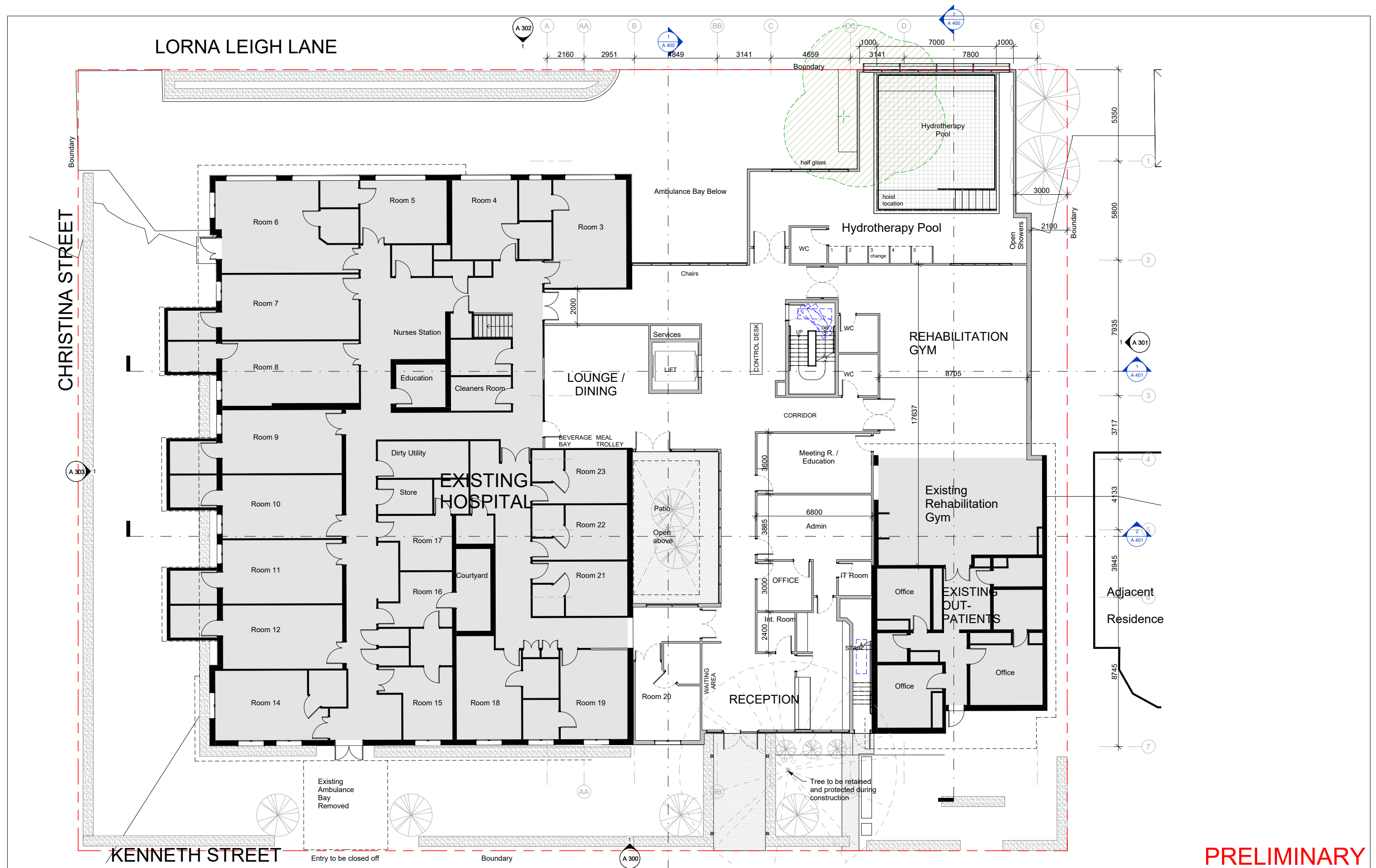


NORTH POINT

**LOWER GROUND PLAN PROPOSED**

Project numberMacHealth-10		<b>A 104</b>	
Date			
Drawn by	Author	Scale @ A1	Plot stamp:
Checked by	Checker	1 : 100	24/02/2023 9:16:28 AM
		Version: <b>8</b>	

K:\MacHealth\MacHealth-10\DP\previt\AR230215 - MacHealth-10 - R23.rvt



PRELIMINARY

**Consultant Team:**

Amendment Issue:

No.	Description	Date
1	Client Review	1/11/2021
2	Client Review	15/11/2022
3	Client Review	17/11/2022
4	Amended setbacks	08/12/2022
6	Client Review	20/01/2023
7	Client Review	15/02/2023
8	Client Review	22/02/2023

**imagescape design studios**

G 10 55 Miller St, Pyrmont NSW 2009 02 9518 8800 02 8078 6677 studio@imagescape.com.au imagescape.com.au

Imagescape design Studios (ABN: 24 137 940 017) is an architect corporation registered under the provisions of the NSW Architects Act 2003. Nominated architects are Christine Kelly registration no. 6000 & Stephen Phillips registration no. 4608

**MACQUARIE HEALTH CORPORATION**

**Additions to Longueville Private Hospital**

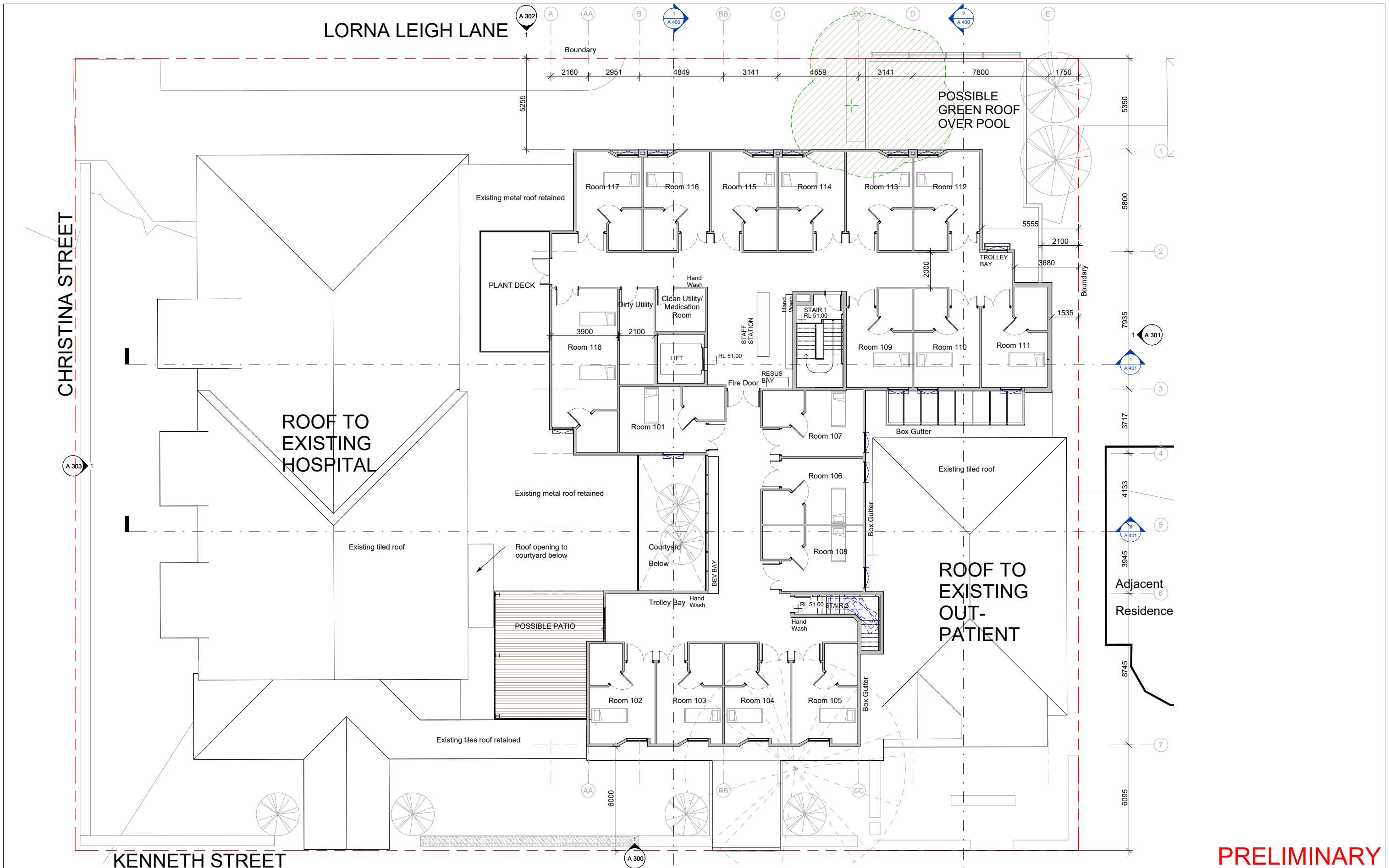
**Macquarie Health Corporation**

47 Kenneth St, Longueville NSW 2066

**GROUND FLOOR PLAN PROPOSED**

Project numberMacHealth-10		<b>A 105</b>	
Date		Scale @ A1	
Drawn by	Author	1 : 100	Plot stamp: 24/02/2023 9:16:29 AM
Checked by	Checker		Version: 8

**NORTH POINT**



PRELIMINARY

**Consultant Team:**

**Amendment Issue:**

No.	Description	Date
2	Client Review	15/11/2022
3	Client Review	17/11/2022
4	Amended setbacks	08/12/2022
5	Revision 5	21/12/2022
6	Client Review	20/01/2023
7	Client Review	15/02/2023
8	Client Review	22/02/2023

**imagescape design studios**

G 10 55 Miller St, Pyrmont NSW 2009 02 9518 8800 02 8078 6877 studio@imagescape.com.au imagescape.com.au

Imagescape design Studios (ABN: 24 137 940 017) is an architect corporation registered under the provisions of the NSW Architects Act 2003. Nominated architects are Christine Kelly registration no. 6000 & Stephen Phillips registration no. 4608

**MACQUARIE HEALTH CORPORATION**

**Additions to Longueville Private Hospital**

**Macquarie Health Corporation**

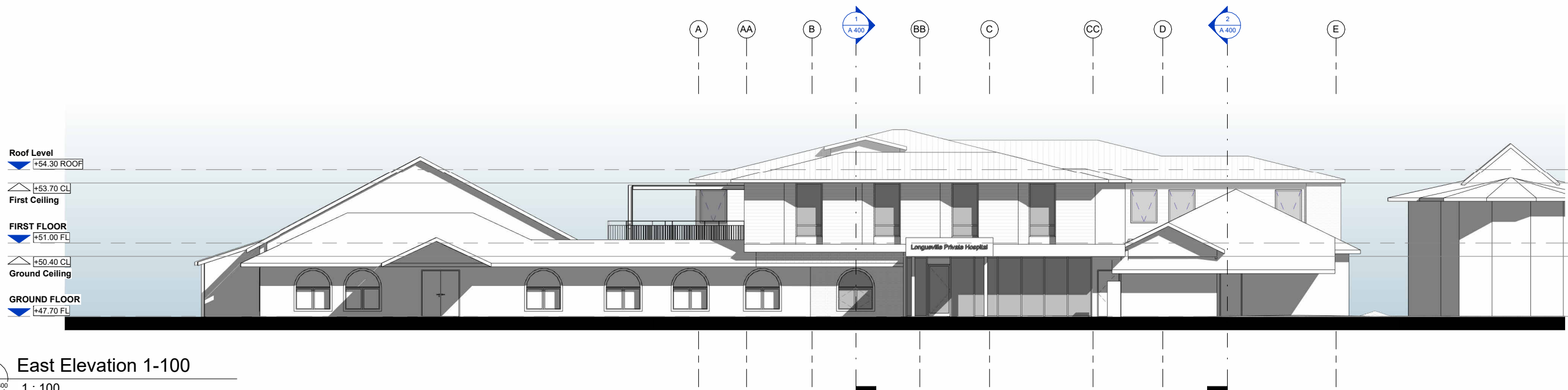
**47 Kenneth St, Longueville NSW 2066**

**NORTH POINT**

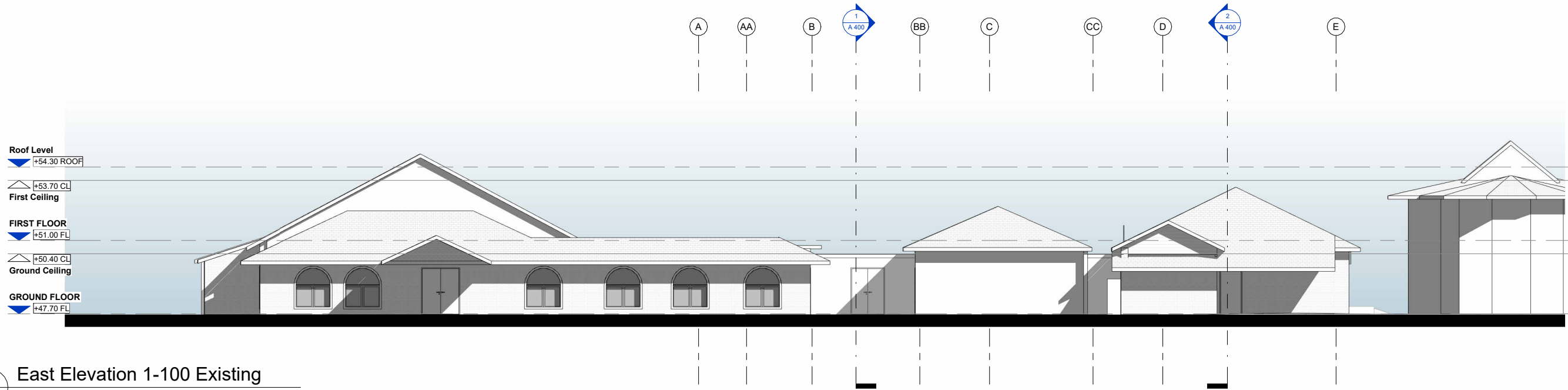
**FIRST FLOOR PLAN PROPOSED**

Project numberMacHealth-10		<b>A 106</b>	
Date	Author	Scale @ A1	Plot stamp:
Drawn by	Checked by	1 : 100	24/02/2023 9:16:29 AM
			Version: <b>8</b>





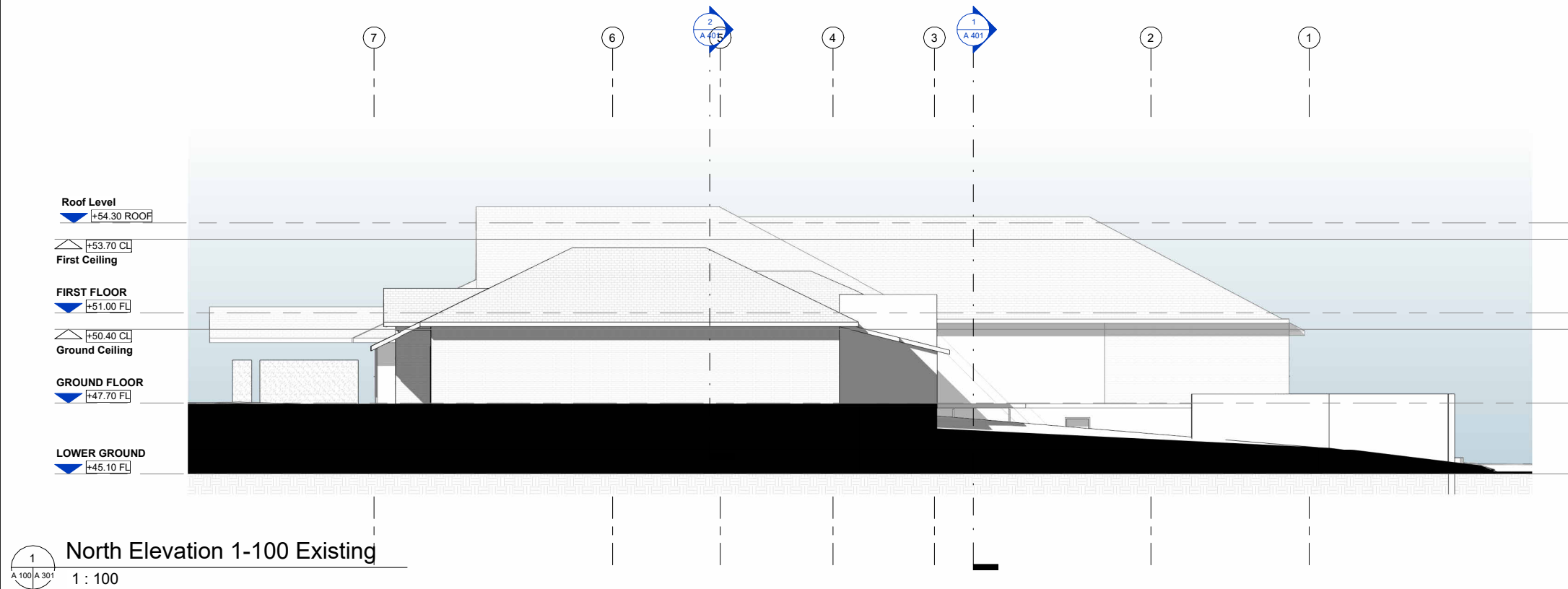
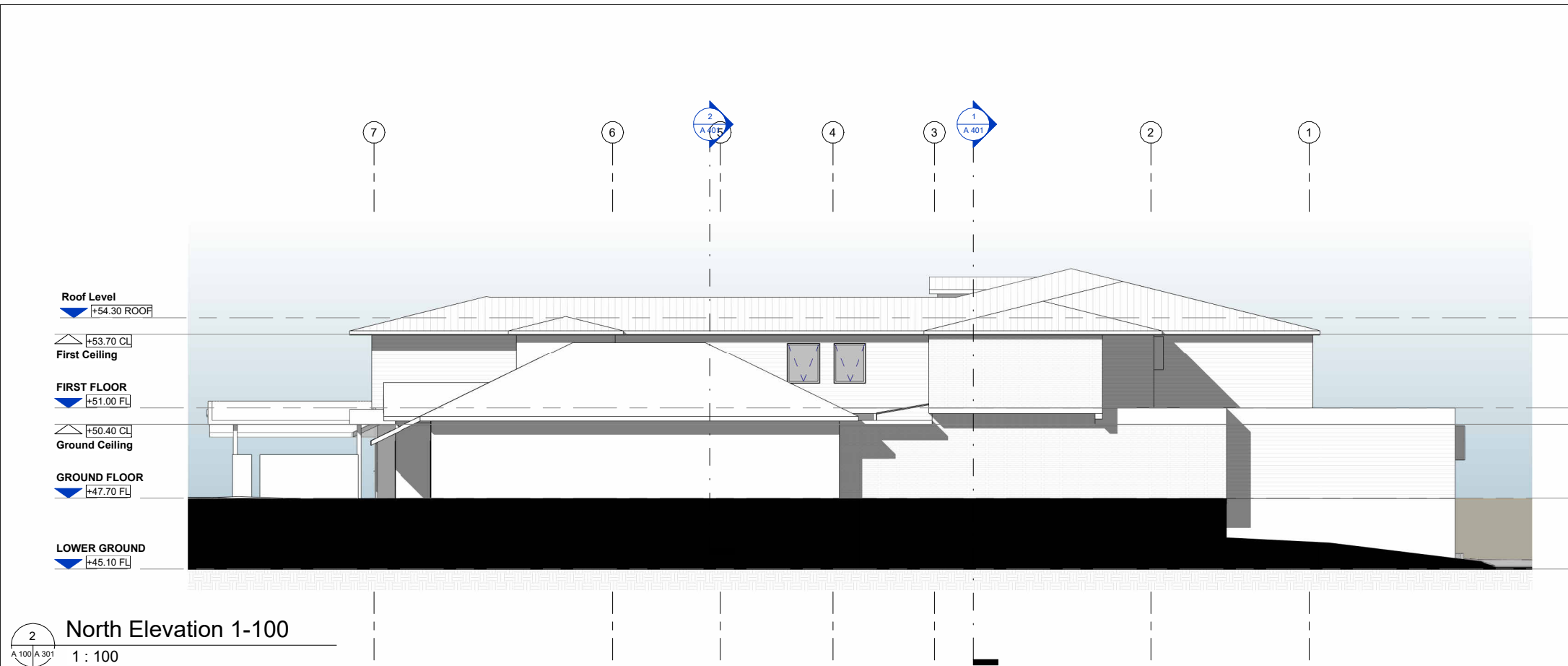
2 East Elevation 1-100  
A 100 | A 300 1 : 100





1 East Elevation 1-100 Existing  
A 100 | A 300 1 : 100

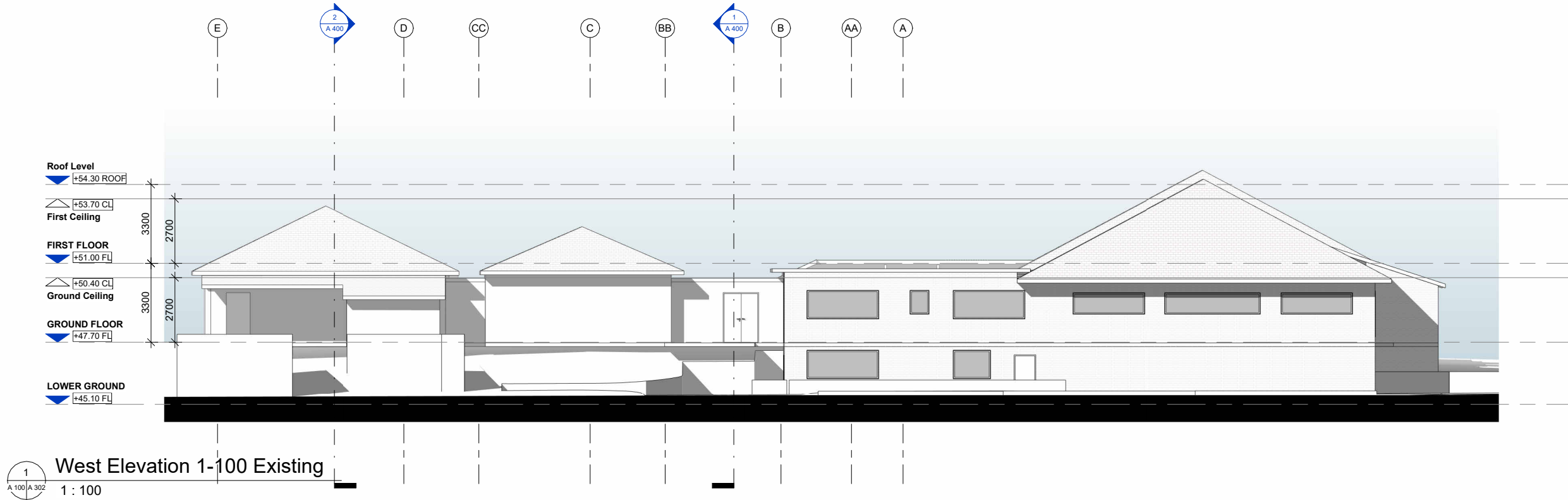
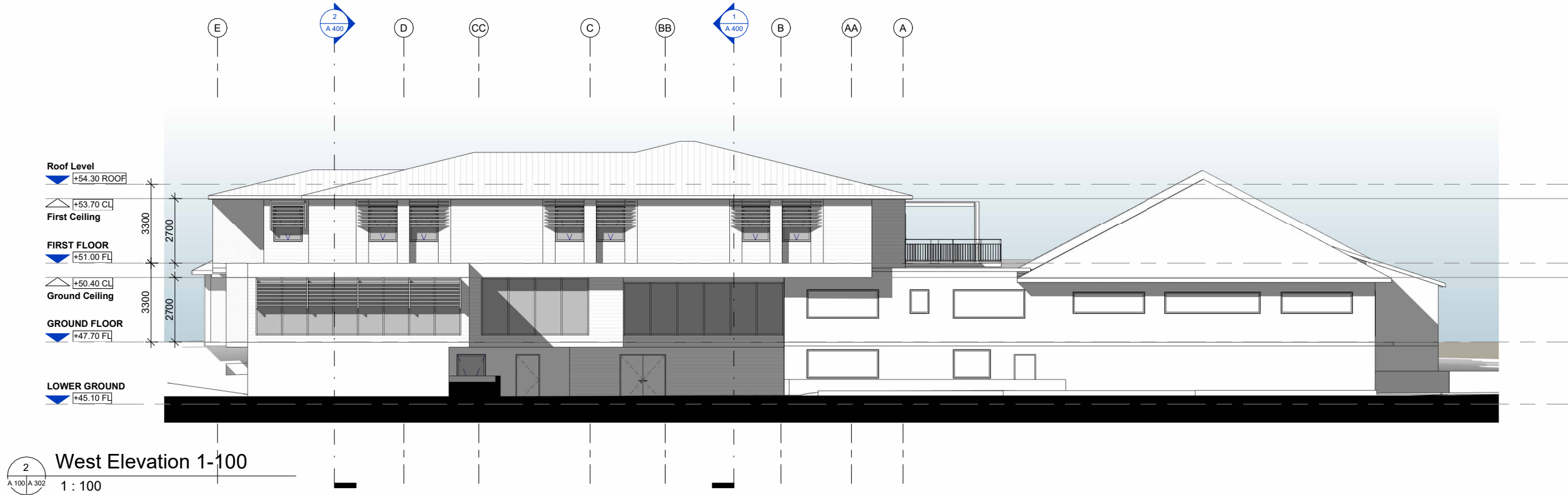
PRELIMINARY

Consultant Team:	Amendment Issue:			 <b>imagescape design studios</b> <small>G 10 55 Miller St, Pyrmont NSW 2009 02 9518 8800 02 8078 6677 studio@imagescape.com.au imagescape.com.au</small> <small>Imagescape design Studios (ABN: 24 137 940 017) is an architect corporation registered under the provisions of the NSW Architects Act 2003. Nominated architects are Christine Kelly registration no. 6000 &amp; Stephen Phillips registration no. 4608</small>		Additions to Longueville Private Hospital		 NORTH POINT	ELEVATIONS – EAST			
	No.	Description	Date			Macquarie Health Corporation			Project numberMacHealth-10		A 300	
	7	Client Review	15/02/2023			47 Kenneth St, Longueville NSW 2066			Date	Plot stamp:		
	8	Client Review	22/02/2023						Drawn by	Author	24/02/2023 9:16:32 AM	Version: 8
											Checked by	
											Scale @ A1 1 : 100	



PRELIMINARY

Consultant Team:	Amendment Issue:			 <b>imagescape design studios</b> <small>G 10 55 Miller St, Pyrmont NSW 2009 02 9518 8800 02 8078 6677 studio@imagescape.com.au imagescape.com.au</small> Imagescape design Studios (ABN: 24 137 940 017) is an architect corporation registered under the provisions of the NSW Architects Act 2003. Nominated architects are Christine Kelly registration no. 6000 & Stephen Phillips registration no. 4608		Additions to Longueville Private Hospital		 NORTH POINT	ELEVATIONS – NORTH					
	No.	Description	Date			Macquarie Health Corporation			Project numberMacHealth-10		A 301			
	7	Client Review	15/02/2023			47 Kenneth St, Longueville NSW 2066			Date		Scale @ A1 1 : 100		Plot stamp: 24/02/2023 9:16:34 AM Version: 8	
	8	Client Review	22/02/2023											



PRELIMINARY

Consultant Team:

Amendment Issue:		
No.	Description	Date
7	Client Review	15/02/2023
8	Client Review	22/02/2023



**imagescape design studios**  
G 10 58 Miller St, Pyrmont NSW 2009 02 9518 8800 02 8078 6677 studio@imagescape.com.au imagescape.com.au

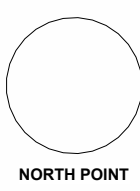
Imagescape design Studios (ABN: 24 137 940 017) is an architect corporation registered under the provisions of the NSW Architects Act 2003. Nominated architects are Christine Kelly registration no. 6000 & Stephen Phillips registration no. 4608



Additions to Longueville Private Hospital

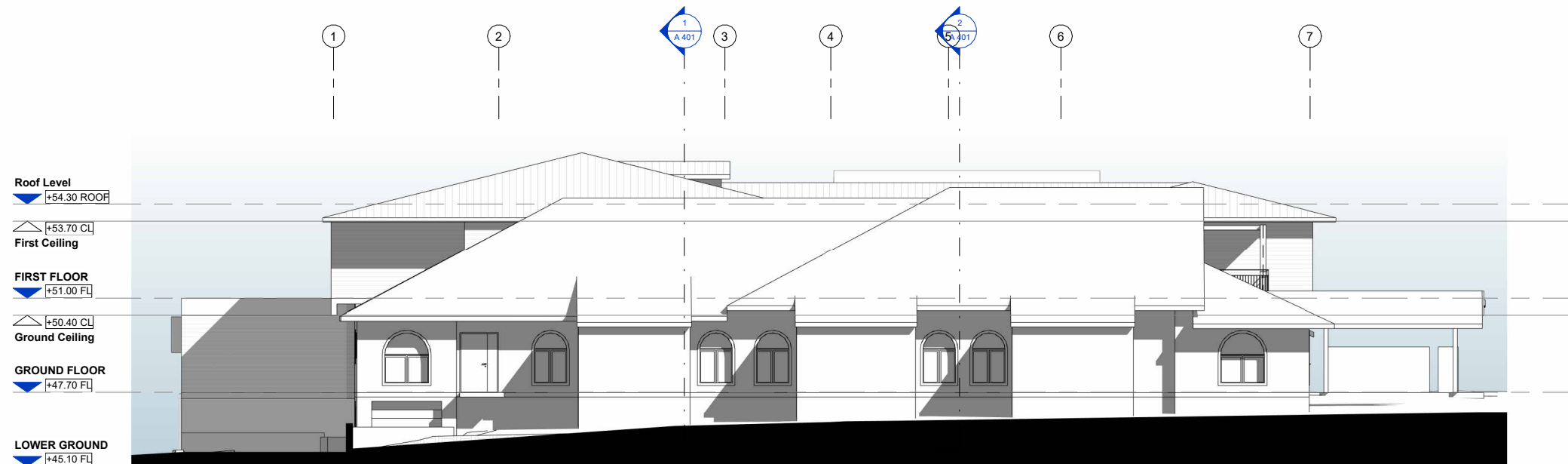
**Macquarie Health Corporation**

47 Kenneth St, Longueville  
NSW 2066

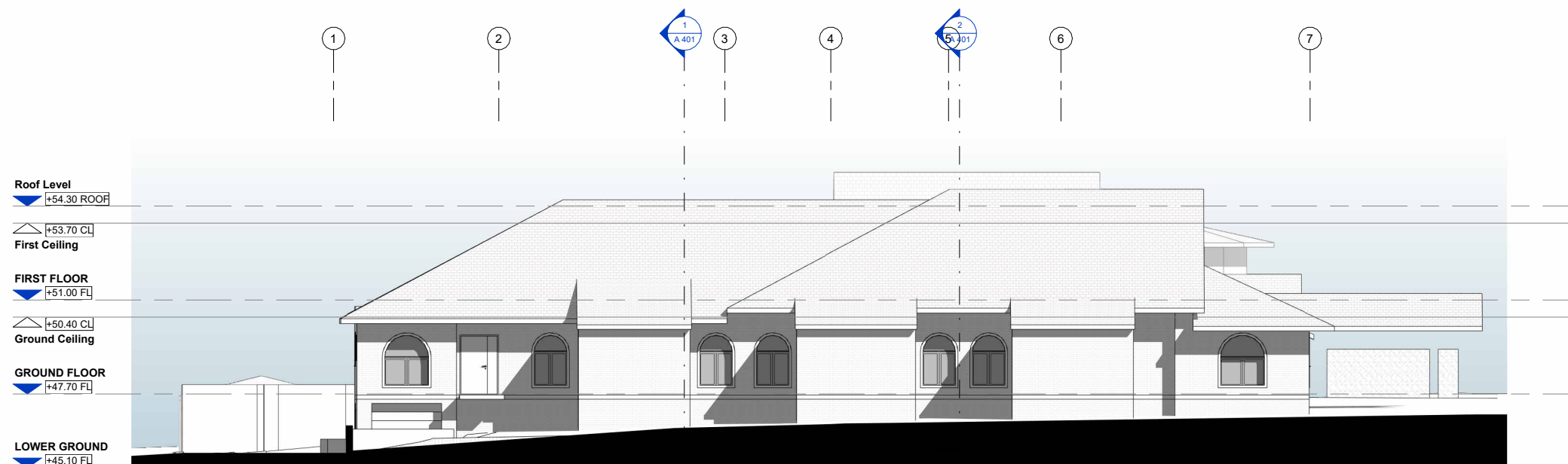


ELEVATIONS – WEST

Project numberMacHealth-10		A 302	
Date		Scale @ A1	Plot stamp:
Drawn by	Author	1 : 100	24/02/2023 9:16:37 AM
Checked by	Checker	Version: 8	



2 South Elevation 1-100  
1 : 100



1 South Elevation 1-100 Existing  
1 : 100

PRELIMINARY

Consultant Team:

Amendment Issue:

No.	Description	Date
7	Client Review	15/02/2023
8	Client Review	22/02/2023

imagescape design studios

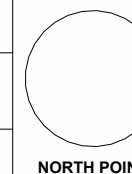
Imagescape design studios (ABN: 24 137 940 017) is an architect corporation registered under the provisions of the NSW Architects Act 2003. Nominated architects are Christine Kelly registration no. 6000 & Stephen Phillips registration no. 4608



Additions to Longueville Private Hospital

Macquarie Health Corporation

47 Kenneth St, Longueville  
NSW 2066



NORTH POINT

ELEVATIONS – SOUTH

Project numberMacHealth-10

Date

Drawn by Author

Checked by Checker

A 303

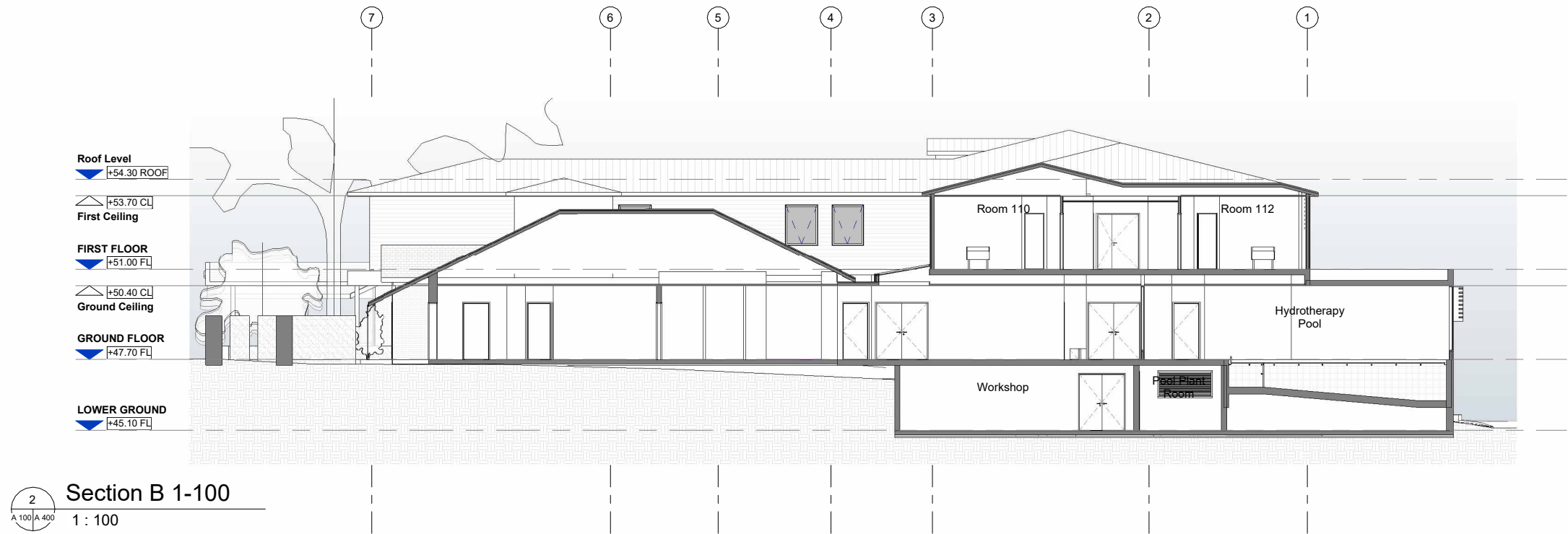
Scale @ A1

1 : 100

Plot stamp:  
24/02/2023 9:16:39  
AM

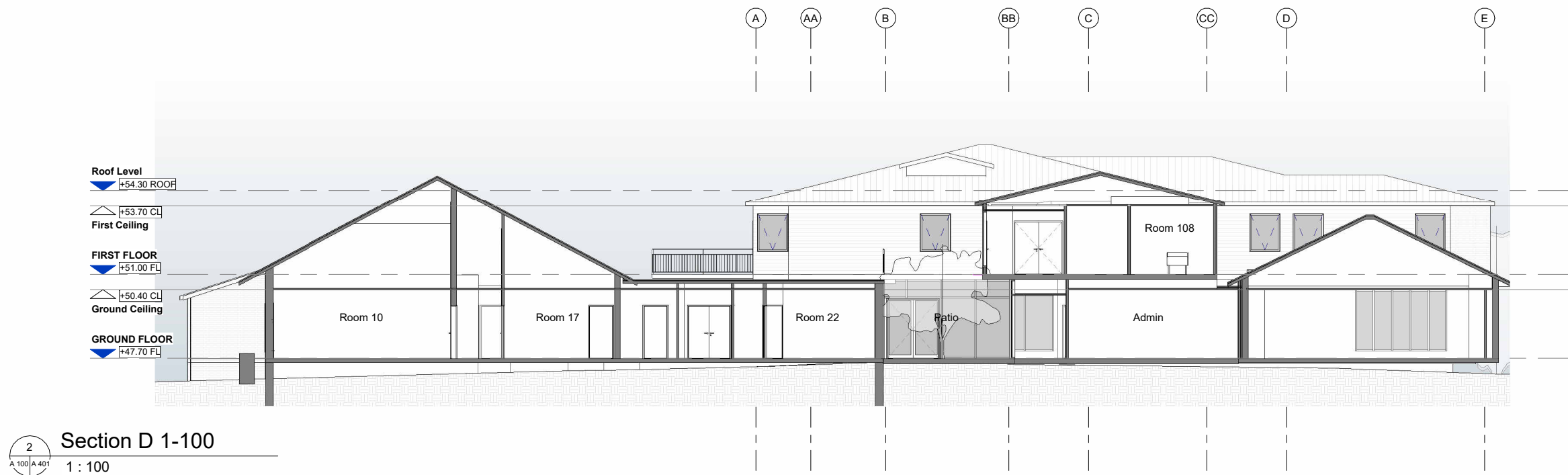
Version: 8





**PRELIMINARY**


Consultant Team:	Amendment Issue:			 <b>imagescape design studios</b> <small>G 10 55 Miller St, Pyrmont NSW 2009 02 9518 8800 02 8078 6677 studio@imagescape.com.au imagescape.com.au</small> Imagescape design Studios (ABN: 24 137 940 017) is an architect corporation registered under the provisions of the NSW Architects Act 2003. Nominated architects are Christine Kelly registration no. 6000 & Stephen Phillips registration no. 4608	 <b>Macquarie Health Corporation</b> 47 Kenneth St, Longueville NSW 2066	 <b>NORTH POINT</b>	SECTIONS - SHEET 1			
	No.	Description	Date				Project numberMacHealth-10		A 400	
	7	Client Review	15/02/2023				Date			
	8	Client Review	22/02/2023				Drawn by Author		Scale @ A1 1 : 100	Plot stamp: 24/02/2023 9:16:41 AM Version: 8
							Checked by Checker			



PRELIMINARY

**Consultant Team:**

No.	Description	Date
7	Client Review	15/02/2023
8	Client Review	22/02/2023

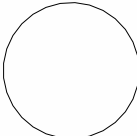
  
**imagescape design studios**  
G 10 55 Miller St, Pyrmont NSW 2009 02 9518 8800 02 8078 6677 studio@imagescape.com.au imagescape.com.au  
Imagescape design Studios (ABN: 24 137 940 017) is an architect corporation registered under the provisions of the NSW Architects Act 2003. Nominated architects are Christine Kelly registration no. 6000 & Stephen Phillips registration no. 4608



Additions to Longueville Private Hospital

**Macquarie Health Corporation**

47 Kenneth St, Longueville NSW 2066

  
NORTH POINT

SECTIONS - SHEET 2	
Project numberMacHealth-10	<b>A 401</b>
Date	
Drawn by	Author
Checked by	Checker

Scale @ A1	Plot stamp:
1 : 100	24/02/2023 9:16:43 AM
Version: 8	

K:\MacHealth\MacHealth-10\DP\revit\AR230215 - MacHealth-10 - R23.rvt



Transport Strategies

# **Appendix B**

## **Public Transport Provisions**





# North West Sydney Bus Network Map - Effective: 12 December 2022



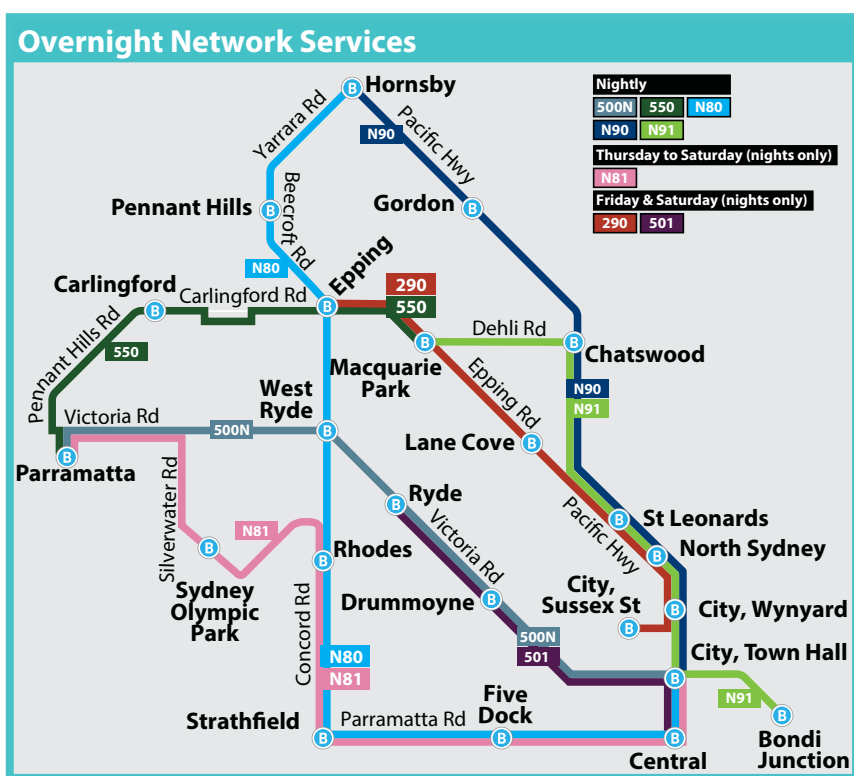
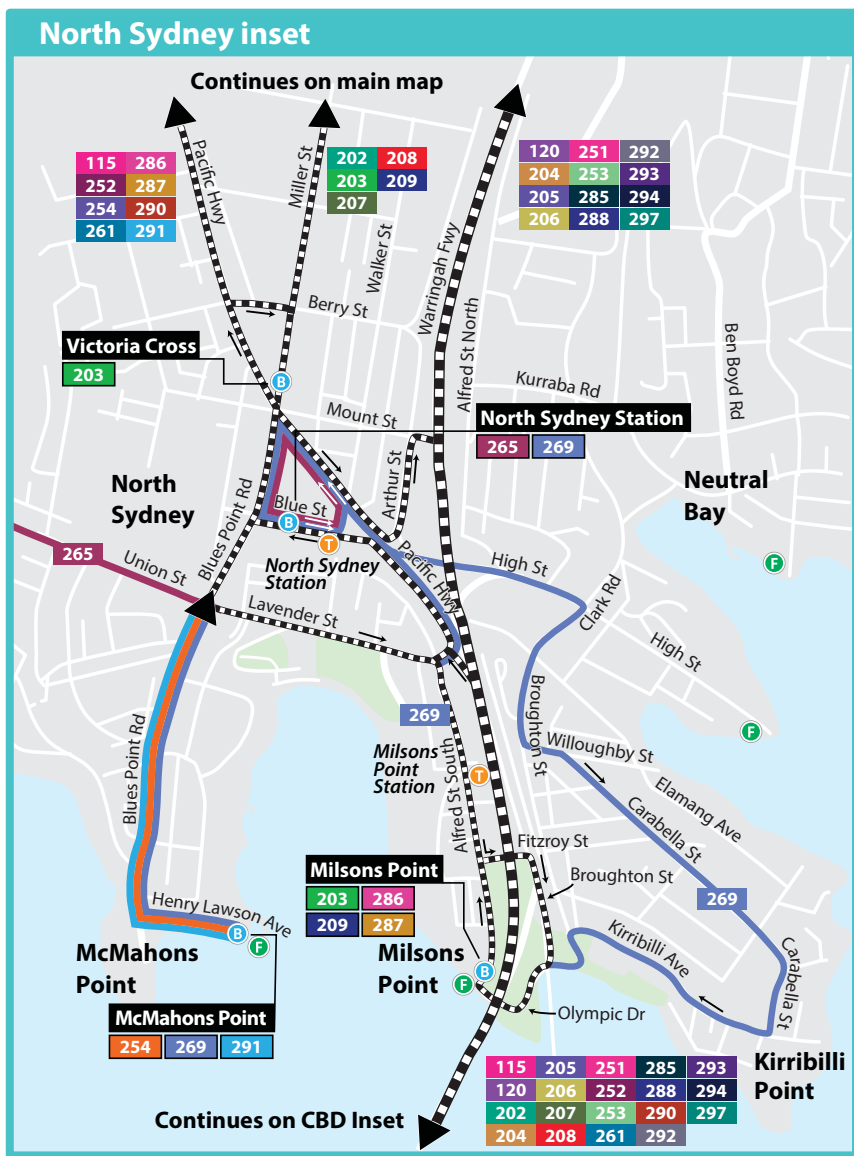
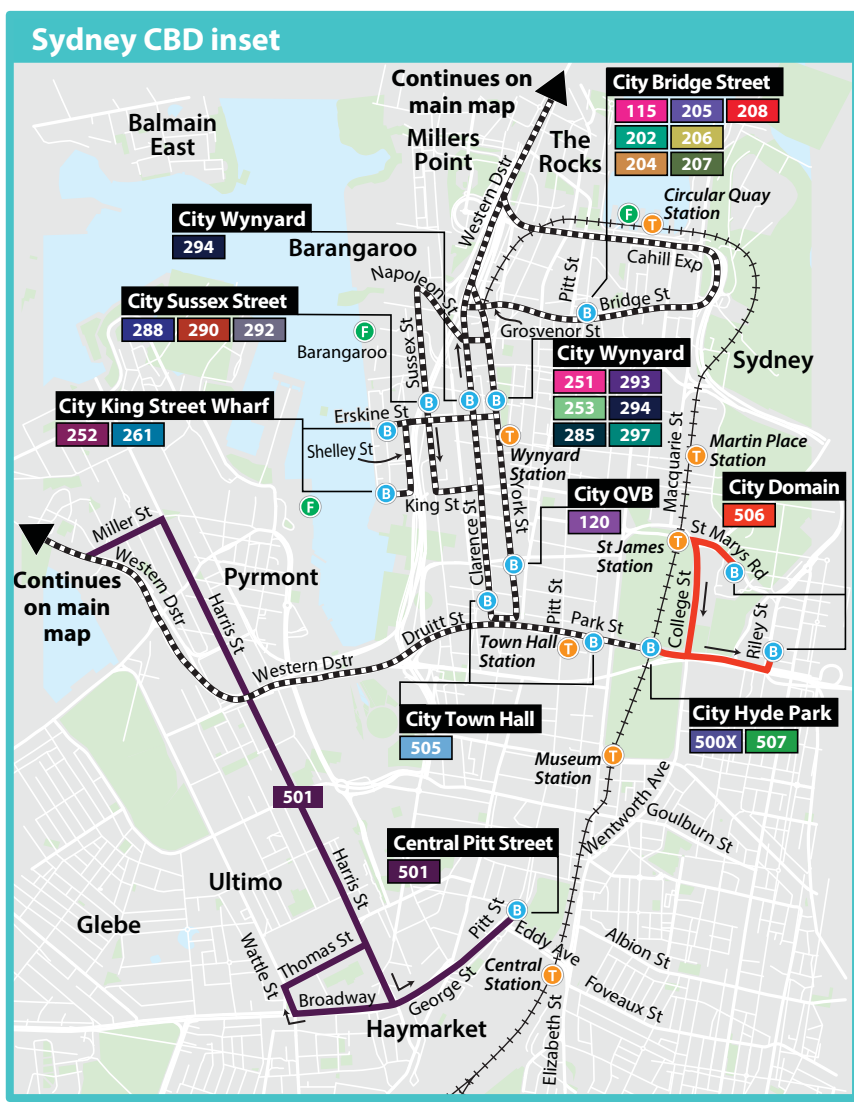
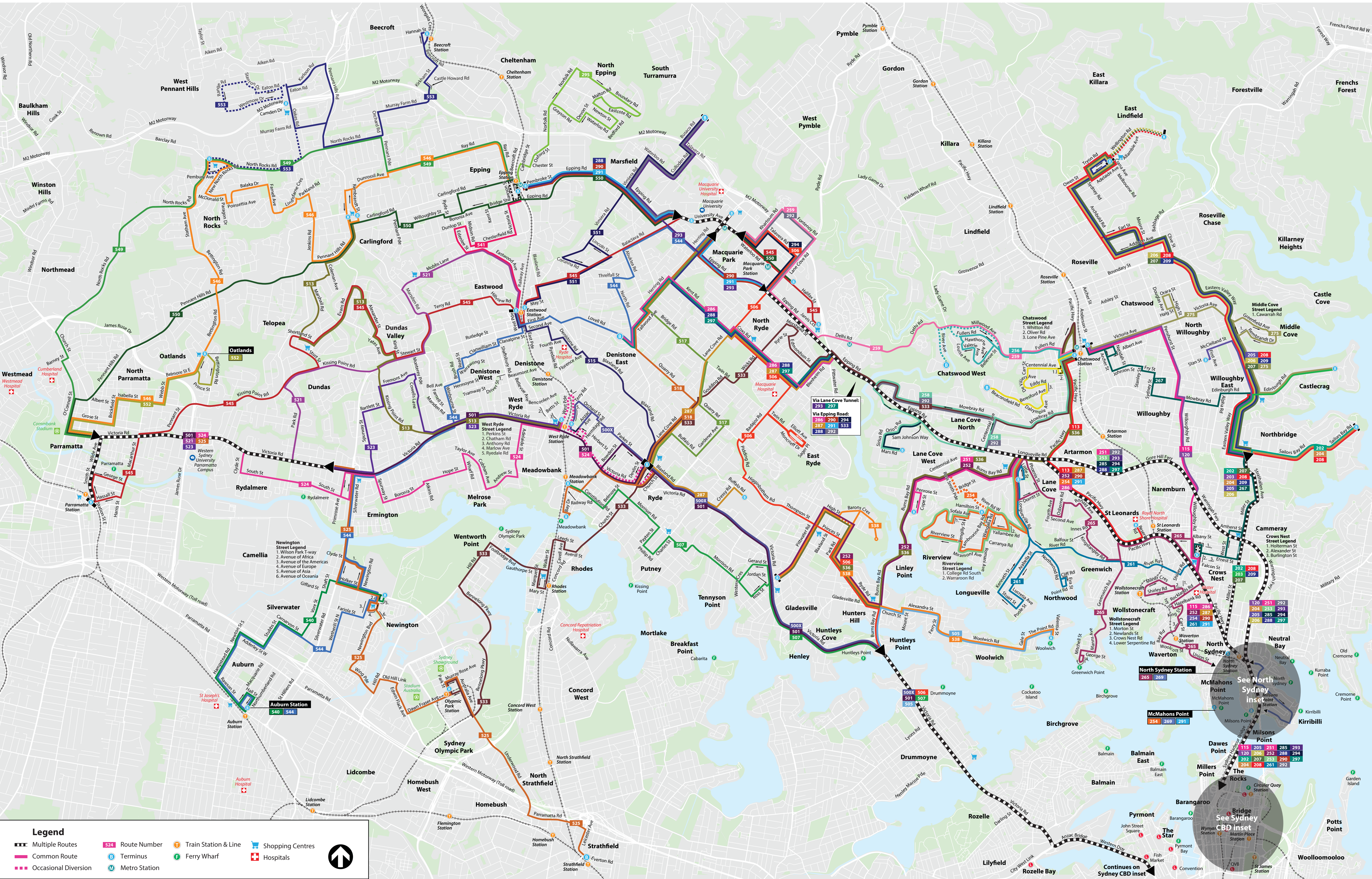
- |  |  |
|--|--|
| <b>113</b> Chatswood to Royal North Shore Hospital via Pacific Hwy             | <b>209</b> East Lindfield to Milsons Point via North Sydney    |
| <b>115</b> Chatswood to City, Bridge St via North Sydney                       | <b>251</b> Lane Cove West to City, Wynyard via Freeway         |
| <b>120</b> Chatswood to City QVB (Loop Service)                                | <b>252</b> Gladesville to City, King St Wharf via North Sydney |
| <b>202</b> Northbridge to City, Bridge St via North Sydney                     | <b>253</b> Riverview to City, Wynyard via Freeway              |
| <b>203</b> Castlecrag to Milsons Point via North Sydney                        | <b>254</b> Riverview to MacMahons Point                        |
| <b>204</b> Northbridge to City, Bridge St via Freeway                          | <b>255</b> Chatswood to Colwell Cres (loop service)            |
| <b>205</b> East Willoughby to City, Bridge St via Freeway                      | <b>256</b> Chatswood to Fullers Rd (loop service)              |
| <b>206</b> East Lindfield to City, Bridge St via Freeway                       | <b>258</b> Chatswood to Mars Rd                                |
| <b>207</b> East Lindfield & Garden Village to City, Bridge St via North Sydney | <b>259</b> Macquarie Centre to Chatswood via North Ryde        |
| <b>208</b> East Lindfield & Garden Village to City, Bridge St via North Sydney | <b>261</b> Lane Cove to City, King St Wharf via Longueville Rd |

- |  |  |
|--|--|
| <b>265</b> Lane Cove to North Sydney via Greenwich                           | <b>292</b> Marsfield to City, Erskine St via Macquarie Park    |
| <b>267</b> Chatswood to Crows Nest   | <b>293</b> Marsfield to Wynyard via Lane Cove Tunnel & Freeway |
| <b>269</b> McMahon's Point (loop) via North Sydney Station & Kirribilli      | <b>294</b> Epping to Wynyard via Freeway                       |
| <b>275</b> Castlecrag to Chatswood   | <b>295</b> North Epping to Epping (loop service)               |
| <b>285</b> Lane Cove West, Mars Rd to City, Wynyard via Freeway              | <b>297</b> Denistone East to Wynyard via Tunnel & Freeway      |
| <b>286</b> Denistone East to Milsons Point via St Leonards & North Sydney    | <b>501</b> Parramatta to Central, Pitt St via Victoria Rd      |
| <b>287</b> Ryde to Milsons Point via St Leonards & North Sydney              | <b>505</b> Woolwich to City, Town Hall                         |
| <b>288</b> Epping to City, Erskine St  | <b>506</b> Macquarie University to City, Domain via East Ryde  |
| <b>290</b> Epping to City Erskine St via Macquarie University & North Sydney | <b>507</b> Meadowbank to Gladesville & City, Hyde Park         |
| <b>291</b> Epping to MacMahons Point   | <b>513</b> Carlingford to West Ryde                            |

- |  |   |
|--|---|
| <b>292</b> Marsfield to City, Erskine St via Macquarie Park    | <b>515</b> Eastwood to Ryde   |
| <b>293</b> Marsfield to Wynyard via Lane Cove Tunnel & Freeway | <b>517</b> Macquarie Centre to Ryde                                 |
| <b>294</b> Epping to Wynyard via Freeway                       | <b>518</b> Macquarie University to Meadowbank Wharf                 |
| <b>295</b> North Epping to Epping (loop service)               | <b>521</b> Parramatta to Eastwood                                   |
| <b>297</b> Denistone East to Wynyard via Tunnel & Freeway      | <b>523</b> West Ryde to Parramatta                                  |
| <b>501</b> Parramatta to Central, Pitt St via Victoria Rd      | <b>524</b> Ryde to Parramatta via West Ryde                         |
| <b>505</b> Woolwich to City, Town Hall                         | <b>525</b> Parramatta to Strathfield via Sydney Olympic Park        |
| <b>506</b> Macquarie University to City, Domain via East Ryde  | <b>533</b> Sydney Olympic Park to Chatswood via Rhodes & North Ryde |
| <b>507</b> Meadowbank to Gladesville & City, Hyde Park         | <b>536</b> Gladesville to Chatswood via Hunters Hill                |
| <b>513</b> Carlingford to West Ryde                            | <b>538</b> Gladesville to Woolwich                                  |

- |   |  |
|---|--|
| <b>515</b> Eastwood to Ryde   | <b>540</b> Auburn to Newington                             |
| <b>517</b> Macquarie Centre to Ryde                                 | <b>541</b> Epping to Eastwood                              |
| <b>518</b> Macquarie University to Meadowbank Wharf                 | <b>543</b> Eastwood to West Ryde                           |
| <b>521</b> Parramatta to Eastwood                                   | <b>544</b> Macquarie Centre to Auburn via Eastwood         |
| <b>523</b> West Ryde to Parramatta                                  | <b>545</b> Parramatta to Macquarie Park (Lachlan's Estate) |
| <b>524</b> Ryde to Parramatta via West Ryde                         | <b>546</b> Parramatta to Epping via Oatlands & North Rocks |
| <b>525</b> Parramatta to Strathfield via Sydney Olympic Park        | <b>549</b> Parramatta to Epping via North Rocks            |
| <b>533</b> Sydney Olympic Park to Chatswood via Rhodes & North Ryde | <b>550</b> Parramatta to Macquarie Park via Epping         |
| <b>536</b> Gladesville to Chatswood via Hunters Hill                | <b>551</b> Eastwood to Busaco Rd                           |
| <b>538</b> Gladesville to Woolwich                                  | <b>552</b> Parramatta to Oatlands                          |

- |  |   |
|--|---|
| <b>553</b> North Rocks to Beecroft   | <b>500N</b> Parramatta to City, Hyde Park via Victoria Rd (Night Service) |
| <b>500X</b> West Ryde to City, Hyde Park (Express Service)                       | <b>N80</b> Hornsby to City, Town Hall via Strathfield (Night Service)     |
| <b>N81</b> Parramatta to City, Town Hall via Sydney Olympic Park (Night Service) | <b>N90</b> Hornsby to City, Town Hall via Chatswood (Night Service)       |
| <b>N91</b> Bondi Junction to Macquarie Park via City, Town Hall (Night Service)  |   |





## How to use this timetable

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

For the most up-to-date times, use the Trip Planner or Departures at [transportnsw.info](https://transportnsw.info)

## Real-time planning


You can plan your trip with real-time information using the Trip Planner or Departures at [transportnsw.info](https://transportnsw.info) or by downloading travel apps on your smartphone or tablet.

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

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

Find the latest apps at [transportnsw.info/apps](https://transportnsw.info/apps)

## Accessible services

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

## Who is providing my bus services?

The bus services shown in this timetable are run by Busways North West.

## Fares

In Sydney and surrounding regions, fares are based on:

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

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

## Opal cards

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

## Which Opal card is right for you?


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

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

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

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

## How to get an Opal card

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

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

## Contactless payments

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

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

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

Find out more at [transportnsw.info/contactless](https://transportnsw.info/contactless)

## Explanation of definitions and symbols



Wheelchair Accessible

A

on school days only trip extends to Chatswood Station

A

on school days only trip commences from Chatswood Station

261

# City King Street Wharf to Lane Cove via Longueville

B

Valid from: 24 April 2023

Creation date: 20 April 2023

NOTE: Information is correct on date of download.

Monday to Friday	♿	♿	♿	♿	♿	♿	♿	♿	♿
Service Information		A							
King Street Wharf, Erskine St, Sydney	-	07:21	07:53	08:22	09:09	10:11	11:11	12:11	13:11
Wynyard Station	-	07:27	07:59	08:30	09:17	10:18	11:18	12:18	13:18
North Sydney Station	-	07:32	08:06	08:37	09:22	10:22	11:22	12:22	13:22
Shirley St at Pacific Hwy, Crows Nest	-	07:40	08:14	08:45	09:28	10:28	11:28	12:29	13:29
Point Rd at Northwood Rd, Northwood	07:00	07:49	08:22	08:53	09:35	10:35	11:35	12:36	13:36
Kingsford Smith Oval, Kenneth St, Longueville	07:06	07:55	08:28	08:59	09:41	10:41	11:41	12:42	13:42
Central Park, Kenneth St, Longueville	07:09	07:58	08:31	09:02	09:44	10:44	11:44	12:45	13:45
Lane Cove Library, Longueville Rd, Lane Cove	07:13	08:03	08:36	09:06	09:48	10:48	11:48	12:49	13:49
Lane Cove Library, Longueville Rd, Lane Cove	07:15	-	08:39	09:08	09:50	10:50	11:50	12:51	13:51
Lane Cove Interchange, Lane Cove North	-	08:07	-	-	-	-	-	-	-
Chatswood Station	-	08:16	-	-	-	-	-	-	-

Monday to Friday	♿	♿	♿	♿	♿	♿	♿	♿	♿
King Street Wharf, Erskine St, Sydney	14:11	15:11	15:41	16:11	16:41	17:01	17:23	17:45	18:03
Wynyard Station	14:18	15:18	15:48	16:18	16:48	17:11	17:33	17:55	18:11
North Sydney Station	14:22	15:23	15:53	16:23	16:53	17:17	17:39	18:01	18:17
Shirley St at Pacific Hwy, Crows Nest	14:29	15:30	16:00	16:30	17:00	17:24	17:46	18:08	18:24
Point Rd at Northwood Rd, Northwood	14:36	15:39	16:09	16:39	17:09	17:33	17:55	18:17	18:33
Kingsford Smith Oval, Kenneth St, Longueville	14:42	15:45	16:15	16:45	17:15	17:39	18:01	18:23	18:39
Central Park, Kenneth St, Longueville	14:45	15:48	16:18	16:48	17:18	17:42	18:04	18:26	18:42
Lane Cove Library, Longueville Rd, Lane Cove	14:49	15:52	16:22	16:52	17:22	17:46	18:08	18:30	18:46
Lane Cove Library, Longueville Rd, Lane Cove	14:51	15:54	16:24	16:54	17:24	17:48	18:10	18:32	18:48

Monday to Friday	♿	♿	♿	♿	♿	♿			
King Street Wharf, Erskine St, Sydney	18:18	18:38	19:08	19:41	20:41	21:41			
Wynyard Station	18:26	18:46	19:14	19:47	20:47	21:47			
North Sydney Station	18:32	18:51	19:18	19:51	20:51	21:51			
Shirley St at Pacific Hwy, Crows Nest	18:39	18:58	19:25	19:58	20:55	21:55			
Point Rd at Northwood Rd, Northwood	18:48	19:05	19:32	20:05	21:02	22:02			
Kingsford Smith Oval, Kenneth St, Longueville	18:54	19:11	19:38	20:10	21:07	22:07			
Central Park, Kenneth St, Longueville	18:57	19:13	19:40	20:12	21:09	22:09			
Lane Cove Library, Longueville Rd, Lane Cove	19:01	19:17	19:44	20:15	21:12	22:12			
Lane Cove Library, Longueville Rd, Lane Cove	19:03	19:19	19:46	20:17	21:14	22:14			

Saturday	♿	♿	♿	♿	♿	♿	♿	♿	♿
King Street Wharf, Erskine St, Sydney	08:24	09:16	10:16	11:16	12:16	13:16	14:16	15:16	16:16
Wynyard Station	08:29	09:21	10:21	11:23	12:23	13:23	14:23	15:22	16:22
North Sydney Station	08:34	09:26	10:26	11:28	12:28	13:28	14:28	15:27	16:27
Shirley St at Pacific Hwy, Crows Nest	08:38	09:30	10:31	11:33	12:33	13:33	14:33	15:32	16:32
Point Rd at Northwood Rd, Northwood	08:45	09:37	10:38	11:40	12:40	13:40	14:40	15:39	16:39
Kingsford Smith Oval, Kenneth St, Longueville	08:50	09:42	10:43	11:45	12:45	13:45	14:45	15:44	16:44
Central Park, Kenneth St, Longueville	08:54	09:46	10:47	11:49	12:49	13:49	14:49	15:48	16:48
Lane Cove Library, Longueville Rd, Lane Cove	08:56	09:48	10:49	11:51	12:51	13:51	14:51	15:50	16:50
Lane Cove Library, Longueville Rd, Lane Cove	08:58	09:50	10:51	11:53	12:53	13:53	14:53	15:52	16:52

Saturday	♿	♿							
King Street Wharf, Erskine St, Sydney	17:16	18:16							
Wynyard Station	17:22	18:21							
North Sydney Station	17:27	18:26							
Shirley St at Pacific Hwy, Crows Nest	17:32	18:30							
Point Rd at Northwood Rd, Northwood	17:39	18:37							
Kingsford Smith Oval, Kenneth St, Longueville	17:44	18:42							
Central Park, Kenneth St, Longueville	17:48	18:46							
Lane Cove Library, Longueville Rd, Lane Cove	17:50	18:48							
Lane Cove Library, Longueville Rd, Lane Cove	17:52	18:50							

261

# Lane Cove to City King Street Wharf via Longueville

B

## Monday to Friday

Lane Cove Library, Longueville Rd, Lane Cove	06:14	06:34	06:54	07:13	07:34	07:55	08:14	08:49	09:22	
Point Rd at Northwood Rd, Northwood	06:19	06:39	06:59	07:18	07:39	08:00	08:19	08:54	09:27	
Kingsford Smith Oval, Kenneth St, Longueville	06:24	06:44	07:05	07:24	07:45	08:06	08:25	09:00	09:33	
Central Park, Kenneth St, Longueville	06:26	06:46	07:08	07:27	07:48	08:09	08:28	09:02	09:35	
Greenwich Public School, River Rd, Greenwich	06:29	06:49	07:11	07:31	07:52	08:13	08:32	09:05	09:38	
River Rd at Shirley Rd, Wollstonecraft	06:33	06:53	07:15	07:36	07:58	08:19	08:38	09:08	09:41	
Victoria Cross, Miller St, North Sydney	06:39	06:59	07:22	07:48	08:10	08:31	08:50	09:15	09:48	
Lang Park, York St, Sydney	06:46	07:07	07:30	07:56	08:20	08:45	09:02	09:23	09:56	
King Street Wharf, King St, Sydney	06:51	07:12	07:35	08:03	08:27	08:54	09:11	09:32	10:02	

## Monday to Friday

<b>Service Information</b>								<b>A</b>		
Chatswood Station	-	-	-	-	-	-	-	15:39	-	
Lane Cove Interchange, Lane Cove North	-	-	-	-	-	-	-	15:49	-	
Lane Cove Library, Longueville Rd, Lane Cove	10:22	11:22	12:22	13:22	14:22	14:51	15:21	15:51	16:20	
Point Rd at Northwood Rd, Northwood	10:27	11:27	12:27	13:27	14:27	14:56	15:26	15:56	16:25	
Kingsford Smith Oval, Kenneth St, Longueville	10:33	11:33	12:33	13:32	14:32	15:01	15:31	16:01	16:30	
Central Park, Kenneth St, Longueville	10:35	11:35	12:35	13:34	14:34	15:03	15:33	16:03	16:32	
Greenwich Public School, River Rd, Greenwich	10:38	11:38	12:38	13:37	14:37	15:07	15:36	16:06	16:35	
River Rd at Shirley Rd, Wollstonecraft	10:41	11:41	12:41	13:40	14:40	15:11	15:39	16:09	16:38	
Victoria Cross, Miller St, North Sydney	10:48	11:48	12:48	13:47	14:47	15:19	15:47	16:17	16:46	
Lang Park, York St, Sydney	10:56	11:56	12:56	13:55	14:55	15:27	15:55	16:25	16:54	
King Street Wharf, King St, Sydney	11:02	12:02	13:02	14:00	15:00	15:32	16:00	16:30	16:59	

## Monday to Friday

Lane Cove Library, Longueville Rd, Lane Cove	16:50	17:22	17:42	18:12	18:42	19:22	20:22			
Point Rd at Northwood Rd, Northwood	16:55	17:27	17:47	18:17	18:47	19:27	20:27			
Kingsford Smith Oval, Kenneth St, Longueville	17:00	17:32	17:52	18:21	18:51	19:31	20:31			
Central Park, Kenneth St, Longueville	17:02	17:34	17:54	18:23	18:53	19:33	20:33			
Greenwich Public School, River Rd, Greenwich	17:05	17:37	17:57	18:26	18:55	19:35	20:35			
River Rd at Shirley Rd, Wollstonecraft	17:09	17:41	18:01	18:30	18:58	19:38	20:38			
Victoria Cross, Miller St, North Sydney	17:18	17:50	18:10	18:37	19:04	19:44	20:43			
Lang Park, York St, Sydney	17:28	18:00	18:20	18:45	19:12	19:52	20:50			
King Street Wharf, King St, Sydney	17:36	18:08	18:28	18:53	19:18	19:57	20:54			

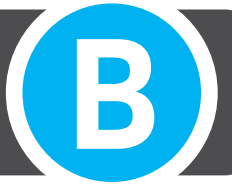
## Saturday

Lane Cove Library, Longueville Rd, Lane Cove	07:39	08:29	09:29	10:27	11:27	12:27	13:28	14:28	15:28	
Point Rd at Northwood Rd, Northwood	07:43	08:34	09:34	10:32	11:32	12:32	13:33	14:33	15:33	
Kingsford Smith Oval, Kenneth St, Longueville	07:47	08:39	09:39	10:37	11:37	12:37	13:38	14:38	15:38	
Central Park, Kenneth St, Longueville	07:51	08:43	09:43	10:41	11:41	12:41	13:42	14:42	15:42	
Greenwich Public School, River Rd, Greenwich	07:54	08:46	09:46	10:44	11:44	12:44	13:45	14:45	15:45	
River Rd at Shirley Rd, Wollstonecraft	07:58	08:50	09:50	10:48	11:48	12:48	13:49	14:49	15:49	
Victoria Cross, Miller St, North Sydney	08:04	08:56	09:56	10:54	11:54	12:54	13:54	14:54	15:54	
Lang Park, York St, Sydney	08:11	09:03	10:03	11:01	12:02	13:02	14:02	15:02	16:02	
King Street Wharf, King St, Sydney	08:14	09:06	10:06	11:05	12:06	13:06	14:06	15:05	16:05	

## Saturday

Lane Cove Library, Longueville Rd, Lane Cove	16:28	17:28
Point Rd at Northwood Rd, Northwood	16:33	17:33
Kingsford Smith Oval, Kenneth St, Longueville	16:38	17:38
Central Park, Kenneth St, Longueville	16:42	17:42
Greenwich Public School, River Rd, Greenwich	16:45	17:45
River Rd at Shirley Rd, Wollstonecraft	16:49	17:49
Victoria Cross, Miller St, North Sydney	16:54	17:54
Lang Park, York St, Sydney	17:02	18:02
King Street Wharf, King St, Sydney	17:05	18:05

# Route 261



## Legend

- Bus route
- Diversion/extended route
- 261 Bus route number
- Bus route start/finish
- M Metro line/station
- T Train line/station
- F Ferry wharf

Diagrammatic Map  
Not to Scale





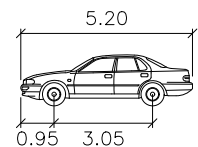
Transport Strategies

# **Appendix C**

## **Swept Path Assessment**

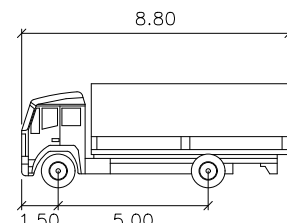
# SWEPT PATH KEY:

- VEHICLE CENTRE LINE
- VEHICLE TYRE PATH
- VEHICLE BODY PATH
- 300mm CLEARANCE FROM VEHICLE BODY



B99

Width : 1.94  
Track : 1.84  
Lock to Lock Time : 6.0  
Steering Angle : 33.9



MRV

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

Existing gate to be retained and used for vehicles exit

Proposed Ambulance Bay and car parking at Lower Ground Level.

Tree to be retained and protected during construction

Trees to be removed

Existing Gate to be retained

LORNA LEIGH LANE

CHRISTINA STREET

Lower Ground Floor Level  
Ground Floor Level

Existing Hospital

Proposed

45-47 KENNETH AVENUE, LONGUEVILLE  
SWEPT PATH ASSESSMENTS



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

22053-01-V1\_SP  
01 OF 01  
01 MARCH 2023

DESIGNED BY  
S.YOU

APPROVED BY  
M.KONG

SCALE  
A3 0 20 40 1:200



Transport Strategies