



This copied document to be made available for the sole purpose of enabling its consideration and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any purpose which may breach any copyright

Our Lady of Sion College, Box Hill

ADVERTISED PLAN

Traffic Impact Assessment Report

Client:

Williams Ross Architects Pty Ltd

Project No. 201090

Final 10 Report – 16/05/2022

1st Floor 132 Upper Heidelberg Road Ivanhoe Vic 3079
PO Box 417 Ivanhoe Vic 3079 Ph: (03) 9490 5900
www.trafficworks.com.au

DOCUMENT CONTROL RECORD

Document prepared by:

Trafficworks Pty Ltd

ABN 59 125 488 977

1st Floor 132 Upper Heidelberg Rd Ivanhoe Vic 3079

PO Box 417 Ivanhoe Vic 3079

Ph (03) 9490 5900

Fax (03) 9490 5910

www.trafficworks.com.au

**ADVERTISED
PLAN**

This copied document to be made available for the sole purpose of enabling its consideration and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any purpose which may breach any copyright

DISCLAIMER

The information contained in this document is intended to be received, used and relied upon by the named addressee or client only for the purpose for which it has been prepared. Trafficworks Pty Ltd does not warrant the accuracy or relevance of the information, including by implication, contained in this document if it is used or relied upon by any person other than the named addressee or client. Copying, reproduction including by electronic means, unauthorised use or disclosure of this document is prohibited except with the express written authorisation of Trafficworks Pty Ltd.

Document Control				
Report Title	Our Lady of Sion College, Box Hill –Traffic Impact Analysis			
Project Number	201090			
Client	Williams Ross Architects Pty Ltd			
Client Contact	Tammy Beck			
Rev	Date Issued	Revision Details / Status	Prepared by	Authorised by
Final 6	3/03/2022	Final 6	Bernadette Sargeant	Ali Abdou
Final 7	5/04/2022	Final 7	Bernadette Sargeant	Ali Abdou
Final 8	7/04/2022	Final 8	Bernadette Sargeant	Ali Abdou
Final 9	8/04/2022	Final 9	Bernadette Sargeant	Ali Abdou
Final 10	16/05/2022	Final 10	Bernadette Sargeant	Ali Abdou

EXECUTIVE SUMMARY

Trafficworks has been engaged by Williams Ross Architects Pty Ltd to undertake a traffic impact assessment of the proposed development at Our Lady of Sion College, in Box Hill.

A traffic impact assessment was carried out to:

- determine the car parking demand associated with the proposed development
- assess the proposed parking layout, circulation and access arrangements
- determine the suitability of the proposed access locations onto the adjacent road network
- assess the safety of the proposed illuminated sign
- identify any necessary mitigating works.

A summary for the site and the proposed development is shown below.

Address	1065 Whitehorse Road, Box Hill
Zoning	General Residential Zone 1 (GRZ1)
Proposed development	STEAMD and Administration Centre Reconfiguration of the existing car park, including relocation of a vehicle access to Whitehorse Road (TRZ2) Additional car parking area accessed via Dorking Road Increase in staff and student numbers
Road Network	Whitehorse Road Dorking Road Graham Place
Planning Scheme car parking requirement	Rate = 1.2 spaces per staff Requirement = 31 car parking spaces

Referenced Documents

References used in the preparation of this report include the following:

- Whitehorse City Council Planning Scheme
- AS/NZS 2890.1:2004 Parking Facilities Part 1: Off-street car parking
- AS 2890.6:2009 Parking Facilities Part 6: Off-street parking for people with disabilities

**ADVERTISED
PLAN**

This copied document to be made available for the sole purpose of enabling its consideration and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any purpose which may breach any copyright

TABLE OF CONTENTS

1	INTRODUCTION	1
2	EXISTING CONDITIONS	2
2.1	Subject site.....	2
2.2	Road network	4
2.3	Crash history.....	5
2.4	Car parking.....	5
2.5	Public transport.....	6
2.6	Pedestrians and cyclists	8
2.7	Previous development at Our Lady of Sion College	9
3	PROPOSED DEVELOPMENT	10
4	CAR PARKING.....	12
4.1	Car parking requirement	12
4.2	Empirical car parking assessment.....	12
4.3	Adequacy of car parking.....	13
4.4	Car parking access and layout.....	13
4.5	Pedestrian accessibility within the site.....	15
4.6	On-street car parking	16
5	BICYCLE PARKING	17
6	TRAFFIC GENERATION AND IMPACT.....	18
7	SIGN SAFETY ASSESSMENT.....	19
8	CONCLUSIONS	25

ATTACHMENT A – SITE PLAN

ATTACHMENT B – SWEPT PATH ASSESSMENT

ATTACHMENT C – SIGNAGE CONCEPT PLAN

**ADVERTISED
PLAN**

This copied document to be made available for the sole purpose of enabling its consideration and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any purpose which may breach any copyright

1 INTRODUCTION

Trafficworks has been engaged by Williams Ross Architects Pty Ltd to undertake a traffic impact assessment of the proposed development at Our Lady of Sion College, in Box Hill.

A traffic impact assessment was carried out to:

- determine the car parking demand associated with the proposed development
- assess the proposed parking layout, circulation and access arrangements
- determine the suitability of the proposed access locations onto the adjacent road network
- assess the safety of the proposed illuminated sign
- identify any necessary mitigating works.

ADVERTISED PLAN

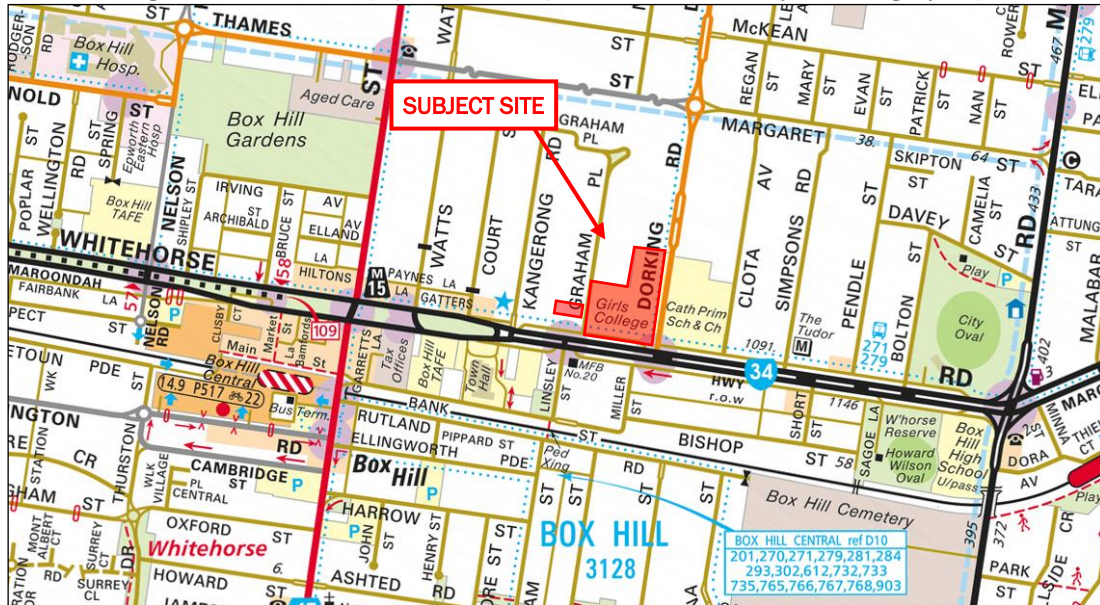
**This copied document to be made available
for the sole purpose of enabling
its consideration and review as
part of a planning process under the
Planning and Environment Act 1987.
The document must not be used for any
purpose which may breach any
copyright**

2 EXISTING CONDITIONS

2.1 Subject site

Our Lady of Sion College is located on Whitehorse Road in Box Hill, with additional road frontages onto Dorking Road and Graham Place (refer to Figure 1). The main entrance to the school is via the Whitehorse Road service road, with pedestrian access available from each of the road frontages and additional vehicle access available via Graham Place.

Figure 1: Location Plan (reproduced with permission from Melway Publishing Pty Ltd)



The main existing car parking area is accessed via two vehicle crossovers onto the Whitehorse Road service road and is subject to one-way circulation. It provides 35 formalised on-site car parking spaces for staff members, inclusive of one accessible parking space (refer to Figure 2).

This car parking area also provides an informal loading area on-site, which can accommodate parking for up to an additional four vehicles, if required. This includes two vehicles parking in a tandem arrangement (refer to Figure 3).

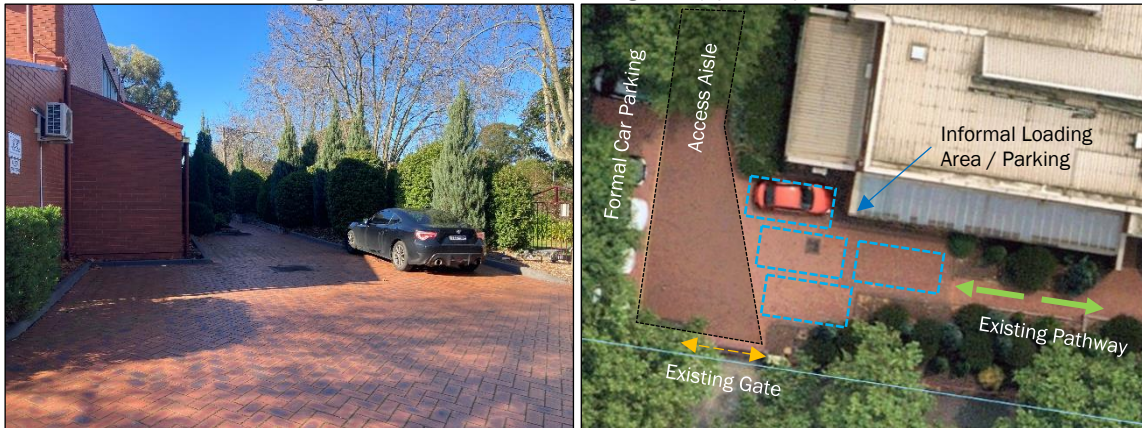
**ADVERTISED
PLAN**

This copied document to be made available for the sole purpose of enabling its consideration and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any purpose which may breach any copyright

Figure 2: On-site Staff Car Parking Area, accessed from Latrobe Street (35 spaces)



Figure 3: Informal On-site Loading Area (up to 4 spaces)



There are also two additional secondary staff car parking areas provided for the school, as follows:

- an on-site car parking area providing 14 car parking spaces, accessed from Graham Place (refer to Figure 4)
- a separate car parking area located on the western side of Graham Place, providing an additional 42 staff car parking spaces (refer to Figure 5).

Based on the above, there is an existing on-site car parking provision of 95 spaces, inclusive of the four (4) informal spaces located within the loading area.

**ADVERTISED
PLAN**

This copied document to be made available for the sole purpose of enabling its consideration and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any purpose which may breach any copyright

Figure 4: Secondary On-site Staff Car Parking Area, accessed from Graham Place (14 spaces)



Figure 5: Secondary Separate Staff Car Parking Area, located on the western side of Graham Place (42 spaces)



2.2 Road network

Whitehorse Road is a primary arterial road under the management of the Department of Transport (DoT). It is generally aligned in an east to west direction, providing a connection Goulburn Valley Highway, in Alexandra to the east (as Maroondah Highway) and High Street, in Kew to the west (as Cotham Road). In the vicinity of the subject site, Whitehorse Road is configured as a four-lane, two-way divided road with service roads on both sides providing access to fronting properties.

Bus routes 271 and 279 operate along Whitehorse Road.

A time based 40 km/h school speed limit applies to Whitehorse Road in the vicinity of the subject site and a 60 km/h speed limit is applicable at all other times.

**ADVERTISED
PLAN**

Dorking Road is a local road under the management of Whitehorse City Council (Council). It is generally aligned in a north to south direction providing a connection from Eram Road to the north and Whitehorse Road to the south. In the vicinity of the subject site, Dorking Road is a two-lane, two-way road with parallel car parking provided on both sides.

A time based 40 km/h school speed limit applies to Dorking Road in the vicinity of the subject site and a 50 km/h speed limit is applicable at all other times.

Bus routes 270 operates along Dorking Road.

The Dorking Road / Whitehorse Road intersection is controlled by traffic signals.

Graham Place is a local road under the management of Council. It is generally aligned in a north to south direction providing a connection from Kangerong Road to the north and the Whitehorse Road service road to the south. In the vicinity of the subject site, Graham Place is configured as a two-way road with parallel car parking provided on both sides.

A 40 km/h posted speed limit applies to Graham Place in the vicinity of the subject site.

2.3 Crash history

The Department of Transport (DoT) *Crashstats* database details all injury crashes on roads throughout Victoria. Scrutiny of these records indicates that two casualty crashes have occurred on Whitehorse Road along the site frontage in the last five years of available data, including:

- One left off carriageway into object/parked vehicle type collision (DCA 171) occurred approximately 70 m west of the Dorking Road on Wednesday 13 July 2016 at 7.12 am, resulting in a 'serious' injury
- Two collisions occurred at the Dorking Road / Whitehorse Road intersection:
 - One right off carriageway into object/parked vehicle type collision (DCA 173) occurred on Friday 11 April 2020 at 3.15 pm, resulting in a 'serious' injury
 - One far side ped hit by vehicle from the left type collision (DCA 102) occurred on Sunday 10 January 2016 at 9.46 am, resulting in an 'other' injury

It can be concluded that there are no clear crash trends in the vicinity of the subject site.

2.4 Car parking

There is existing on-street car parking available along each of the school frontages, providing both short-term parking during school drop-off and pick-ups periods, and medium to long term parking during school hours (refer to Figure 6).

Along the Whitehorse Road service road frontage of the school, there is provision of:

- short-term drop-off / pick-up parking spaces for up to six (6) vehicles (unmarked), subject to P5min minute, 8.00 – 9.15 am, 3.00 – 4.00 pm, School days
- a part-time bus zone to accommodate up to two (2) school buses, operational between 8.30 am – 4.00 pm, School days.

Along the Graham Place frontage of the school, there is provision of:

- short-term drop-off / pick-up parking spaces for up to four (4) vehicles (unmarked), subject to 1/4P, 8.00 – 9.15 am, 3.00 – 4.00 pm, School days
- additional parking for up to 14 vehicles (unmarked) subject to 1P, 7.00 – 9.00 am, School days. These spaces are otherwise unrestricted and provide long-term parking outside of the morning peak period.

The remainder of on-street car parking available along both sides of Graham Place and available along Dorking Road is subject to 2P, 7.30 am – 7.30 pm, Monday to Friday restrictions. Dorking Road also accommodates indented bus bays on both sides of the road in the vicinity of the intersection with Whitehorse Road.

Figure 6: Existing on-street car parking restrictions (reproduced under licence from Nearmap)



2.5 Public transport

Our Lady of Sion College is well connected to public transport services, being located within the Principal Public Transport Network (PPTN) area and approximately 800 m east of the Box Hill Central shopping precinct (10-minute walk), railway station and bus interchange. The railway station provides access to the Belgrave and Lilydale train lines and the bus interchange provides access to various bus routes, including:

- Route 270 – Box Hill to Mitcham via Blackburn North
- Route 271 – Box Hill to Ringwood via Park Orchards

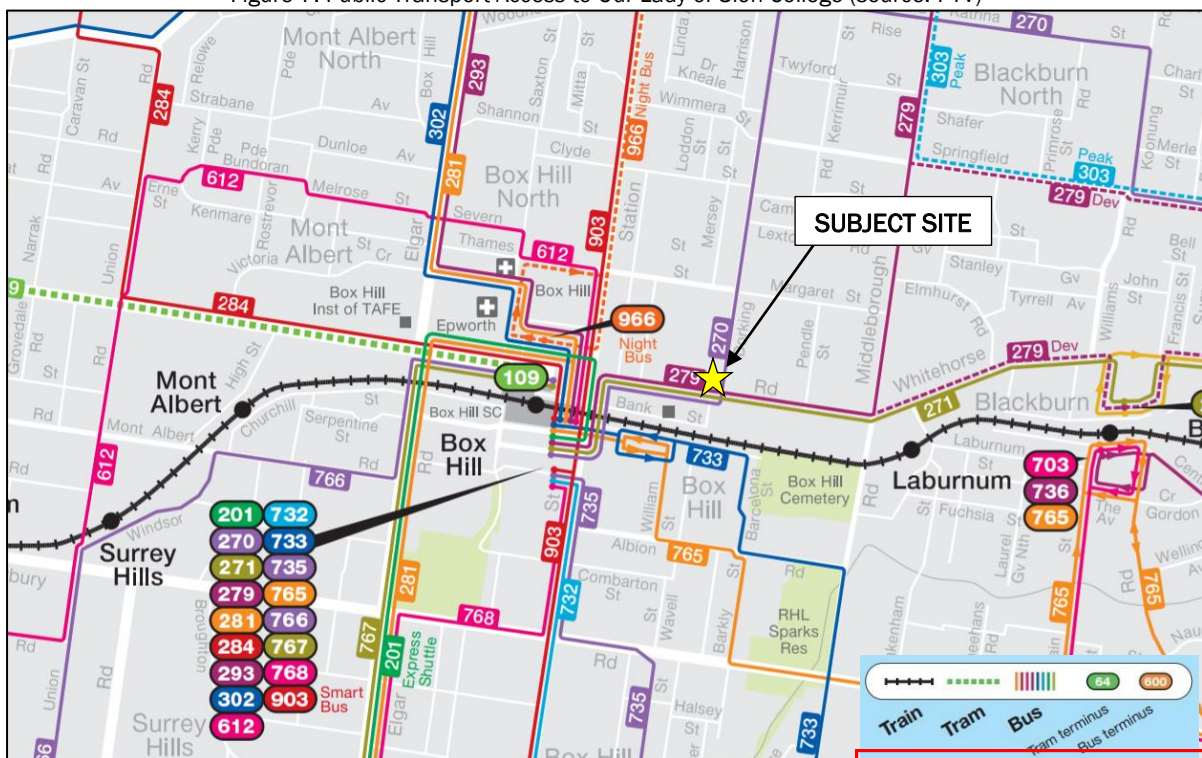
- Route 279 – Box Hill to Doncaster Shopping Centre
- Route 281 – 293 – Templestowe to Deakin University
- Route 284 – Box Hill to Doncaster Park and Ride
- Route 302 – Box Hill to Melbourne CBD
- Route 612 – Box Hill to Chadstone via Surrey Hills and Camberwell and Glen Iris
- Route 732 – Box Hill to Upper Ferntree Gully via Vermont South and Knox City and Mountain Gate
- Route 733 – Box Hill to Oakleigh via Clayton and Mt Waverley
- Route 735 – Box Hill to Nunawading
- Route 766 – Box Hill to Burwood via Surrey Hills
- Route 767 – Box Hill to Southland via Chadstone and Jordanville and Deakin University
- Route 903 – Altona to Mordialloc (SMARTBUS service)

Bus services also operate along Whitehorse Road and Dorking Road (Routes 270, 271 and 279) with bus stops in both directions located along the school’s eastern frontage on Dorking Road, and along the school’s southern frontage along Whitehorse Road (refer to Figure 6).

In addition, tram route 109 (Box Hill to Port Melbourne) operates along Whitehorse Road approximately 700 m west of the site (9-minute walk).

The locality of the school in relation to public transport services provides ample opportunity for staff and students to utilise alternative modes of transport to access the school (refer to Figure 7).

Figure 7: Public Transport Access to Our Lady of Sion College (source: PTV)



ADVERTISED PLAN

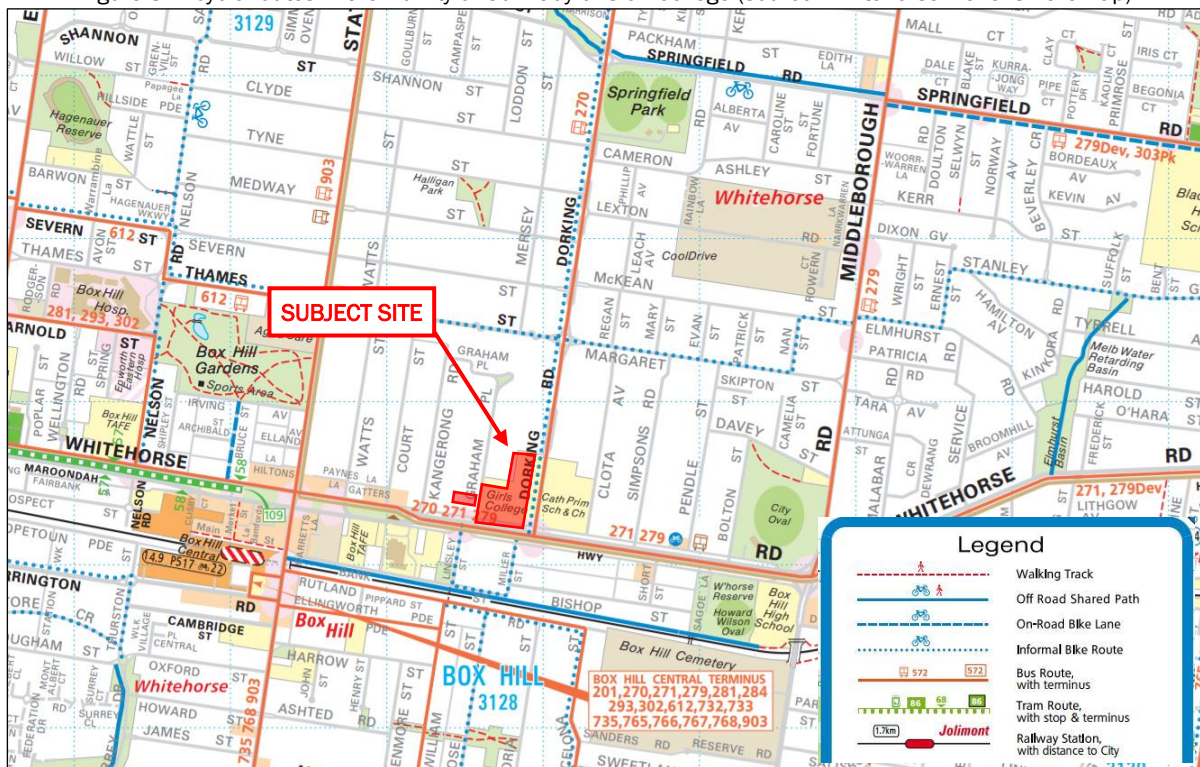
2.6 Pedestrians and cyclists

Safe pedestrian access across Whitehorse Road is facilitated at the nearby signalised intersections at both Dorking Road and Linsley Street, located directly on either side of the school. This provides well connected pedestrian access to the school, as well as enabling connectivity to the bus stop on the southern side of Whitehorse Road. Further, safe pedestrian access is available to the bus stop on the northern side of Whitehorse Road via a zebra crossing across the service road.

An informal bicycle route along Dorking Street provides connections to north and south and an informal bicycle route along Margaret Street provides connections to the east and west.

The bicycle routes in the vicinity of the site are shown in Figure 8.

Figure 8: Bicycle routes in the vicinity of Our Lady of Sion College (source: Whitehorse Travel Smart Map)



**ADVERTISED
PLAN**

This copied document to be made available for the sole purpose of enabling its consideration and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any purpose which may breach any copyright

2.7 Previous development at Our Lady of Sion College

The most recent previous facility upgrades at Our Lady of Sion College have included the construction of a new performing arts precinct and the construction of a new VCE centre, which both triggered the requirement for a planning permit application to be submitted to Council.

Based on the traffic impact assessments previously prepared to support these planning permit applications (prepared by Cardno in 2013 and 2015), it is understood that:

- At the time of development of the performing arts precinct (2013), a total of 70 car parking spaces were provided on-site for staff, with a total of 78 staff employed by the school (i.e. an accepted provision of 0.9 car parking spaces / staff member)
- As part of the construction of the VCE centre (2015), there was a net increase of 26 spaces in the provision of on-site car parking. This included the construction of the additional car parking area on the western side of Graham Place.
 - The traffic assessment indicated that this change resulted in a total provision of 96 car parking spaces on-site. It is noted that this is inclusive of the informal parking located within the main car park loading area.
 - The maximum number of staff employed by the school increased to 85 staff in 2015, with the provision of additional parking (+26 spaces) well in excess of the equivalent increase in the statutory parking requirement (+8 spaces). This related to an overall accepted provision of 1.12 car parking spaces / staff member.

**This copied document to be made available
for the sole purpose of enabling
its consideration and review as
part of a planning process under the
Planning and Environment Act 1987.
The document must not be used for any
purpose which may breach any
copyright**

**ADVERTISED
PLAN**

3 PROPOSED DEVELOPMENT

The proposed *STEAMD and Administration Centre* at Our Lady of Sion College comprises the construction of a new building located in the south-east corner of the school site. This building will be constructed following the demolition of the existing library, art and music building. The site plan is provided in Attachment A.

The proposal includes an increase in staff and student numbers. It is understood that the number of staff and students has gradually increased since the previous application submitted in 2015 by:

- 26 staff (from 85 to 111 staff)
- 46 students (from 907 to 953 students).

It is noted that this increase is not a direct result of the proposed building works. The intention of the new building is to provide improved facilities for existing staff and students.

The proposal will increase the existing on-site car parking supply to 119 spaces, including:

- modifications to the existing administration building (west building) to accommodate changes to the main car parking area (accessed via the Whitehorse Road service road). Vehicular access to the car parking area will be provided via a one-way access aisle, accessed from the Whitehorse Road service road. Entry movements to the site will be facilitated via a new 4.0 m wide crossover along the western end of the site frontage, with exit movements retained via the existing 5.1 m wide eastern crossover (refer to Figure 9)
- a new car parking area for 24 car parking spaces with vehicle access provided via a new crossover to Dorking Road (refer to Figure 10).

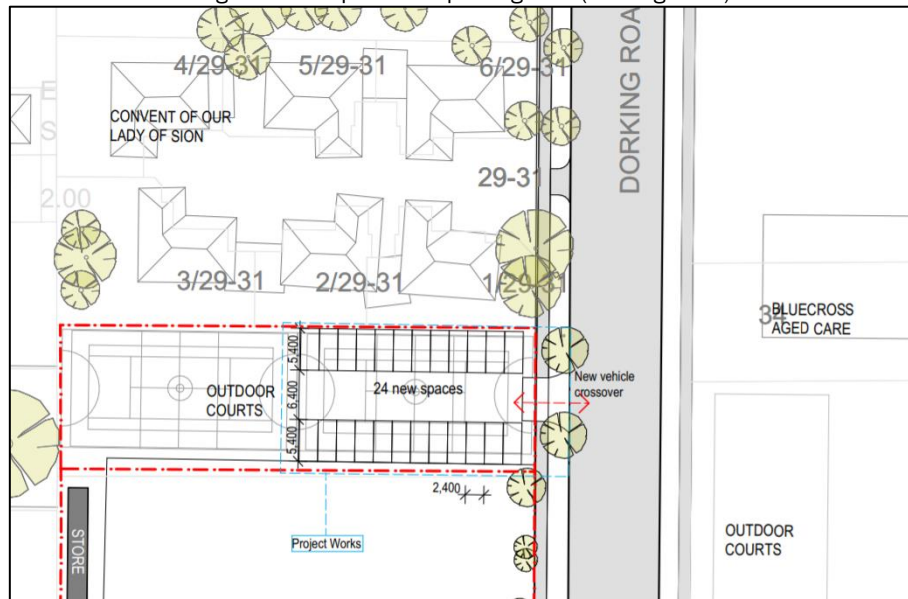
Figure 9: Proposed modified staff car parking area (Whitehorse Road service road)



**ADVERTISED
PLAN**

This copied document to be made available for the sole purpose of enabling its consideration and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any purpose which may breach any copyright

Figure 10: Proposed car parking area (Dorking Road)



The proposed car parking area accessed via Dorking Road is proposed to be used as a dual use area. During school days, the area will be used for car parking and the area will be used as a netball court for special occasions outside of school hours (i.e. inter-school netball competitions) which occurs a few times a year.

It is understood that on-site waste collection and deliveries for the school are currently facilitated within the on-site car parking area accessed from Graham Place and will be unaffected by the proposed changes.

This copied document to be made available for the sole purpose of enabling its consideration and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any purpose which may breach any copyright

ADVERTISED PLAN

4 CAR PARKING

4.1 Car parking requirement

Although the proposal will not result in an increase in staff, it is understood that the school is currently operating with a maximum of 111 staff on-site on a typical school day. This is an increase in 26 staff members since the previous assessment undertaken in 2015.

Clause 52.06 of the Whitehorse Planning Scheme specifies a car parking rate for secondary schools of “1.2 car parking spaces to each employee that is part of the maximum number of employees on site at any time”.

Clause 52.06-5 states that an application for an existing use must only consider the increase by the measure specified in Column C of Table 1 for that use. Therefore, based on the increase in staff on-site the Planning Scheme car parking requirement is shown in Table 1.

Table 1: Planning Scheme car parking requirement

Land use category	Size	Statutory car parking rate (Clause 52.06)	Statutory car parking requirement (spaces)
Secondary school	26 staff	1.2 car parking spaces per staff	31 car parking spaces

With an additional 24 on-site car parking spaces provided for the school, there is a shortfall of 7 car parking spaces under the planning scheme. Therefore, an application is being sought under Clause 52.06-7 for a waiver in 7 car parking spaces.

4.2 Empirical car parking assessment

As discussed in Section 2.4, the school has access to on-street car parking along its frontages, including:

- 14 car parking spaces on Graham Place which are unrestricted after 9.00 am (1P, 7.00 – 9.00 am, School days)
- 12 car parking spaces on Dorking Road which are subject to a 2-hour area restriction (2P, 7.30 am – 7.30 pm, Monday to Friday)

The total staff members on-site include staff that work varying hours and are not required on-site all day. The long-term on-street car parking along Graham Place, which is unrestricted after 9.00 am, could be utilised by these staff members.

Therefore, the total long-term car parking available for use by staff of the school is 133 car parking spaces (including the 14 long-term car parking spaces along the site frontage to Graham Place).

It is noted that based on a maximum of 111 staff on-site, the school will generate a total car parking demand of 133 car spaces. Therefore, the car parking demand generated by the total number of staff on-site can be accommodated within the long-term car parking available for use by the school.

**ADVERTISED
PLAN**

In addition, the site has excellent access to public transport (refer to Section 2.5) and is well connected to pedestrian and cyclists facilities (refer to Section 2.6) that provide convenient alternative transport access to the site for staff. Therefore, the actual car parking demand of the school would likely be lower than 133 car parking spaces, noting that we have been advised that some staff members are currently accessing the site via public transport.

Furthermore, the car parking along the school's frontage to Dorking Road is currently restricted to 2-hours from 7.30 am – 7.30 pm. If additional long-term car parking is considered required for staff, there is scope for council to consider modifying the car parking restrictions along the school frontage to match the restrictions along the school's frontage to Graham Place (i.e. 1P, 7.00 – 9.00 am, School days).

4.3 Adequacy of car parking

The school has access to 133 long-term car parking spaces (including 14 on-street car parking spaces along the school's frontage to Graham Place) which can be utilised by staff of the school. Therefore, the overall available long-term car parking is consistent with the requirement of the Planning Scheme and will likely accommodate the parking demand generated by the school. Therefore, the proposed car parking provision of 119 on-site car parking spaces for the school is considered justified in this case.

In addition, the school has been operating with the current staffing levels and the school has advised that they are not aware of any of any issues regarding parking as a result of the current staffing numbers.

4.4 Car parking access and layout

Clause 52.06-9 of the Whitehorse City Council Planning Scheme sets out *Design Standards for Car Parking*. The following sections outline the requirements and assess the modified car parking spaces and proposed new car parking area against these requirements.

4.4.1 Car park access

Whitehorse Road service road car park

It is proposed to relocate the existing Whitehorse Road service road access to reconfigure the car parking area. As discussed in Section 4.6, the relocation of the crossover will not result in a loss of on-street car parking.

Furthermore, the number of car parking spaces accessed via the proposed relocated crossover to Whitehorse Road service road will not change as a result of the proposal.

Dorking Road car park

The proposed Dorking Road car park will be accessed via a 4.0 m wide crossover. The car park is proposed to be allocated to staff which will generally access the car park in a tidal manner (i.e. majority enter in the morning before school and majority exit in the evening after school). Due to the tidal nature of arrivals to this car park, it is unlikely that there will be conflict between vehicles entering / exiting the car park and a single width crossover is unlikely to cause any operational or safety issues.

4.4.2 Car parking space dimensions

Whitehorse Road service road car park

In accordance with Clause 52.06 of the Whitehorse Planning Scheme, the following dimensions apply to the proposed 45-degree off-street car parking spaces:

- 2.6 m wide x 4.9 m long, and accessed from a minimum aisle width of 4.5 m.

Each of the 45-degree angled car parking spaces proposed within the new car parking area have been provided in accordance with the planning scheme requirements.

In accordance with Clause 52.06 of the Whitehorse Planning Scheme, the following dimensions apply to the proposed 90-degree off-street car parking spaces within the car parking area accessed via the Whitehorse Road service road:

- 2.6 m wide x 4.9 m long, and accessed from a minimum aisle width of 6.4 m.

Each of the 90-degree angled car parking spaces proposed within the new car parking area within the car parking area accessed via the Whitehorse Road service road have been provided in accordance with the planning scheme requirements.

Dorking Road car park

The following dimensions apply to the proposed 90-degree off-street car parking spaces within the car parking area accessed via Dorking Road:

- 2.4 m wide x 5.4 m long, and accessed from a minimum aisle width of 6.4 m.

The above dimensions meet / exceed the requirements of the dimensions of the Australian Standards 2890.1:2004.

A swept path assessment within the proposed car parking areas have also been undertaken to demonstrate that sufficient access is available to each of the proposed car parking spaces (refer to the Attachment B).

4.4.3 Disabled car parking

As per the National Construction Code, *Building Code of Australia (2019), Part D3.5 – Accessible car parking*, one (1) accessible car parking space is required to be provided for each 100 car parking spaces for a school (Class 9b facility). Hence, as the site provides 119 car parking spaces on-site, the provision of two (2) accessible spaces is required.

The Whitehorse Planning Scheme Clause 52.06-8 states that disabled (accessible) car parking spaces must be designed in accordance with *AS2890.6 Part 6: Off-street parking for people with disabilities*. This specifies the following requirements for the provision of accessible car parking spaces:

- 45-degree angled car parking spaces
 - 2.4 m wide x 5.4 m long
 - an associated shared area of 2.4 m wide x 5.4 m long.

This copied document to be made available for the sole purpose of enabling its consideration and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any purpose which may breach any copyright

The planning scheme further indicates that angled disabled (accessible) car parking spaces may encroach into an accessway width by 500 mm if required. Two accessible car parking spaces have been provided within the Whitehorse Road service road car park in accordance with the planning scheme and AS2890.6 requirements.

4.4.4 Car parking spaces clearance requirements

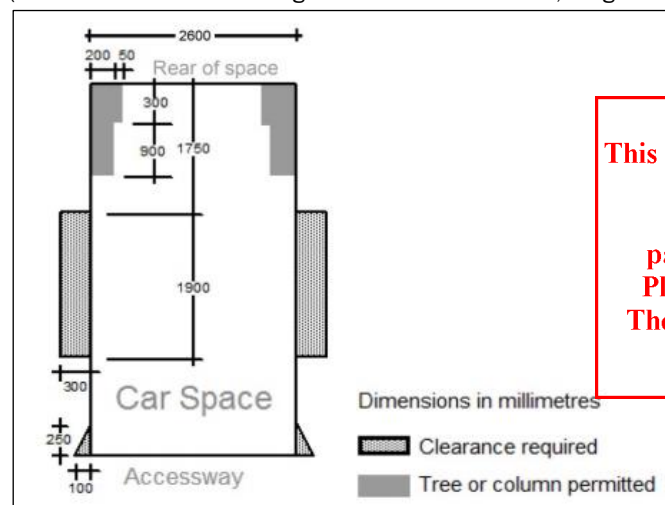
Horizontal and vertical clearances are required to be provided surrounding each car parking space in accordance with Clause 52.06-9 and Diagram 1 of the Whitehorse Planning Scheme (reproduced in Figure 11). Clause 52.06-9 indicates:

A wall, fence, column, tree, tree guard or any other structure that abuts a car spaces must not encroach into the area marked 'clearance required' on Diagram 1, other than:

- *a column, tree or tree guard, which may project into a space if it is within the area marked 'tree or column permitted' on Diagram 1*
- *a structure, which may project into the space if it is at least 2.1 metres above the space.*

The proposed on-site car parking layout meets this requirement.

Figure 11: Clearance to car parking spaces
(source: Whitehorse Planning Scheme Clause 52.06-9, Diagram 1)



This copied document to be made available for the sole purpose of enabling its consideration and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any purpose which may breach any copyright

4.4.5 Emergency vehicle accessibility to the site

A swept path assessment has been undertaken to demonstrate accessibility to the proposed car parking area accessed via the Whitehorse Road service road by an emergency ambulance vehicle, if required. Attachment B demonstrates that an All General Purpose (AGP) 6.05 m ambulance vehicle is able to sufficiently access and circulate through the car parking area, entering and exiting the site in a forward direction.

4.5 Pedestrian accessibility within the site

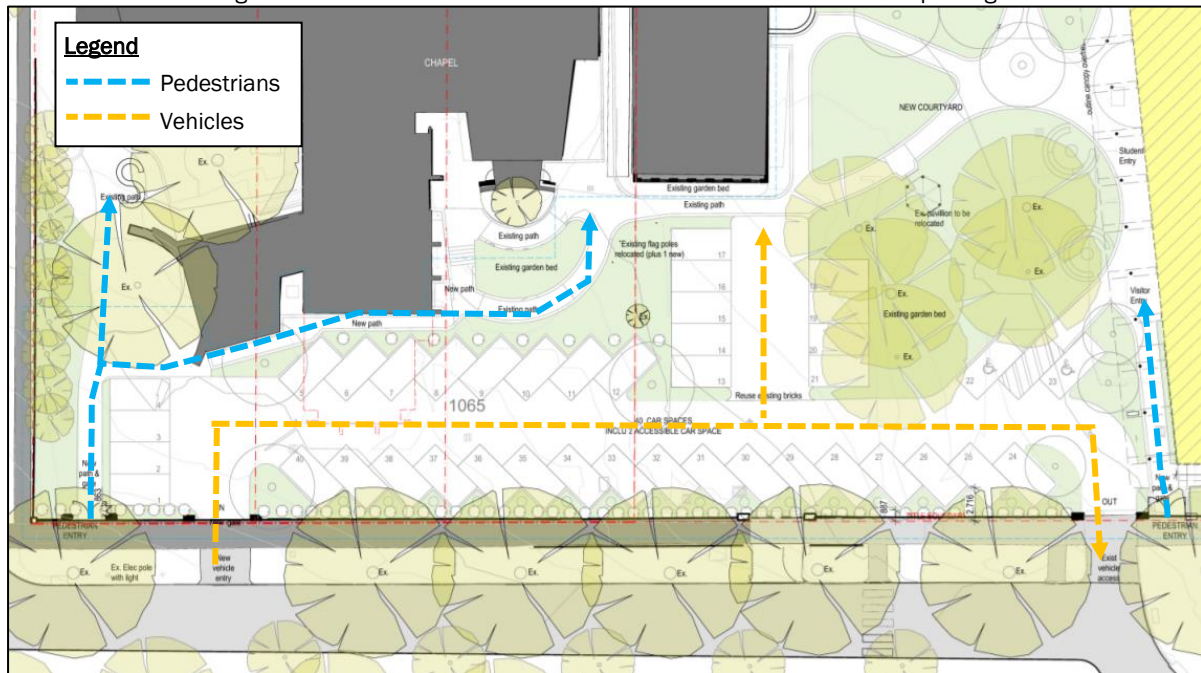
Consideration should be given to the provision of adequate pedestrian facilities within the site, considering a requirement to separate pedestrians and vehicles where possible and to meet pedestrian desire lines.

There are two proposed pedestrian gates along the Whitehorse Road frontage, including one along the western boundary of the school and one to the east of the eastern crossover. These will provide safe and separated access to the school to facilitate students being dropped-off / picked-up along the service road without resulting in potential conflict with vehicles on-site.

The pedestrian access path should be a minimum of 1.2 m wide (desirable 1.5 m wide) to facilitate pedestrian movements and wheelchair access. The proposed site layout meets this requirement.

Figure 12 provides a summary of the pedestrian and vehicle movements within the site.

Figure 12: Pedestrian and vehicular movements on-site On-street car parking



4.6 On-street car parking

Vehicular access to the modified car parking will be facilitated via the existing eastern crossover and a new relocated western crossover along the Whitehorse Road service road frontage.

There is a current provision of six (6) short term *P5 minute* car parking spaces on the service road frontage and a bus zone able to accommodate two (2) buses. The provision of on-street car parking will require modification to match in with the relocated western crossover for access to the car park. However, the modifications will not result in a reduction in parking provision.

A concept plan indicating the required changes to the on-street car parking signs is provided in Attachment C.

In addition, the proposed crossover to Dorking Avenue will result in the loss of two on-street car parking spaces. However, noting that the school is already operating with the current staffing levels, the increase in on-site car parking for the school will result in a net benefit to the existing car parking conditions in the vicinity of the school. Therefore, the loss of two on-street car parking spaces to increase the onsite car parking supply is considered appropriate.

**ADVERTISED
PLAN**

This copied document to be made available for the sole purpose of enabling its consideration and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any purpose which may breach any copyright

5 BICYCLE PARKING

Although the proposal will not result in an increase in staff or students, it is understood that the school is currently operating with a maximum of 111 staff and 953 students on-site on a typical school day. This is an increase in 26 staff and 46 students since the previous assessment was undertaken in 2015.

The planning scheme bicycle parking requirement for the proposed increase in staff and students is shown in Table 2.

Table 2: Planning scheme car parking requirement

Land use category	Size	Statutory bicycle parking rate (Clause 52.34)	Statutory bicycle parking requirement (spaces)
Secondary school	26 staff	1 bicycle parking space per 20 staff	1 bicycle parking space
	46 students	1 bicycle parking space per 5 students	9 bicycle parking spaces
TOTAL			10 bicycle parking spaces

It is proposed to provide a bicycle parking rail which will provide 14 bicycle parking spaces (refer to Figure 13) for use by staff and students, exceeding the requirements of the planning scheme.

Figure 13: Proposed bicycle parking rail



**ADVERTISED
PLAN**

This copied document to be made available for the sole purpose of enabling its consideration and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any purpose which may breach any copyright

6 TRAFFIC GENERATION AND IMPACT

The proposed STEM building is intended to provide improved facilities for staff and students and will not result in an increase in staff or student numbers. Therefore, the proposal is not expected to generate additional traffic to or from the surrounding streets.

The provision of additional off-street car parking for the school will reduce the demand for on-street car parking near the school. Therefore, the proposal is anticipated to improve existing traffic conditions by increasing on-street car parking availability and increase drop-off and pick-up opportunities for parents, reducing congestion during peak school times.

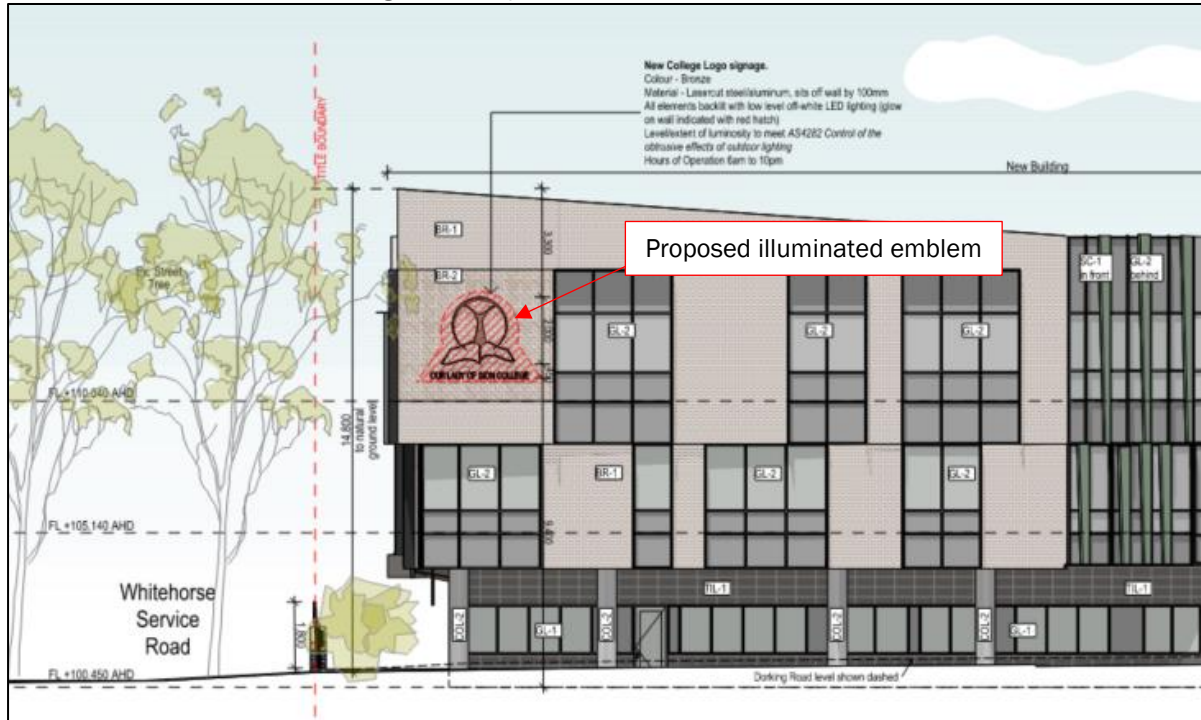
ADVERTISED PLAN

**This copied document to be made available
for the sole purpose of enabling
its consideration and review as
part of a planning process under the
Planning and Environment Act 1987.
The document must not be used for any
purpose which may breach any
copyright**

7 SIGN SAFETY ASSESSMENT

It is proposed to provide an illuminated school emblem facing westbound traffic on Whitehorse Road (refer to Figure 14).

Figure 14: Proposed illuminated school emblem



Clause 52.05 of the Whitehorse City Council Planning Scheme sets out the requirements to:

- regulate signs to ensure signs are compatible with the amenity and visual appearance of an area, including the existing or desired future character
- ensure signs do not contribute to excessive visual clutter or visual disorder
- ensure that signs do not cause loss of amenity or adversely affect the natural or built environment or the safety, appearance or efficiency of a road.

Table 3 considers the decision guidelines as per Clause 52.05-8 in relation to the proposed illuminated signage.

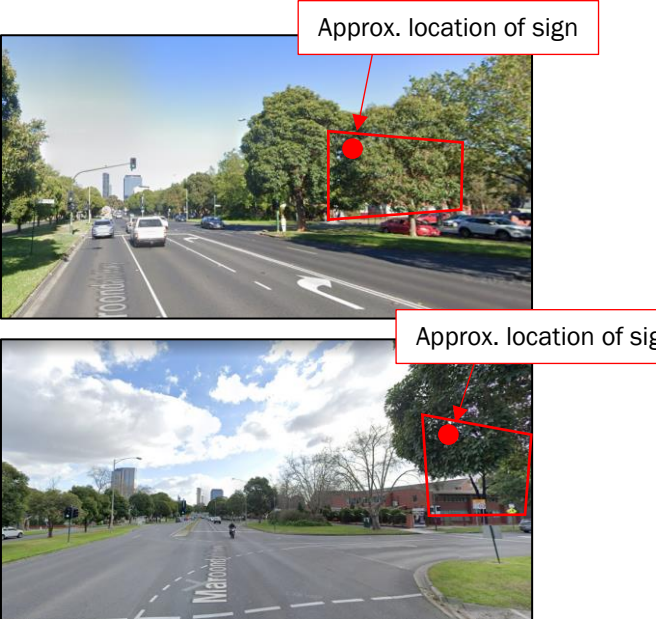
Table 3: Clause 52.05-8 decision guidelines

No	Clause 52.05-8	Comment
1	The character of the area including:	
1.1	The sensitivity of the area in terms of the natural environment, heritage values, waterways and open space, rural landscape or residential character.	Not applicable.

This copied document to be made available for the sole purpose of enabling its consideration and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any purpose which may breach any copyright

**ADVERTISED
PLAN**

ADVERTISED PLAN

No	Clause 52.05-8	Comment
1.2	The compatibility of the proposed sign with the existing or desired future character of the area in which it is proposed to be located.	The proposed sign is located within a mixed-use area and is proposed to face non-residential uses.
1.3	The cumulative impact of signs on the character of an area or route, including the need to avoid visual disorder or clutter of signs.	The proposed sign is located within the property boundary, with minimal impact on the character of the area.
1.4	The consistency with any identifiable outdoor advertising theme in the area.	The proposed sign is a static logo that will not conflict with the theme of the surrounding area.
2	Impacts on views and vistas:	
2.1	The potential to obscure or compromise important views from the public realm.	<p>The proposed sign is located within the property boundary with minimal impact to important views from the public realm perspective. The sign will likely not be visible to westbound traffic on Whitehorse Road as street trees block the visibility of the sign location.</p>  <p>Approx. location of sign</p> <p>Approx. location of sign</p>
2.2	The potential to dominate the skyline.	Refer to the Figure 14 above. The sign will be similar in height to the proposed building.
2.3	The potential to impact on the quality of significant public views.	The proposed sign is located within the property boundary with minimal impact to the quality of significant public views.
2.4	The potential to impede views to existing signs.	The sign will be mounted on the proposed building and will not obstruct views to any existing signs.
3	The relationship to the streetscape, setting or landscape:	

This copied document to be made available for the sole purpose of enabling its consideration and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any purpose which may breach any copyright

No	Clause 52.05-8	Comment
3.1	The proportion, scale and form of the proposed sign relative to the streetscape, setting or landscape.	The proposed sign is proposed to compliment the building works.
3.2	The position of the sign, including the extent to which it protrudes above existing buildings or landscape and natural elements.	The proposed sign is located within the property boundary. The sign will be similar in height to the proposed building. The sign is proposed to compliment the building works.
3.3	The ability to screen unsightly built or other elements.	Not applicable.
3.4	The ability to reduce the number of signs by rationalising or simplifying signs.	The sign is the only illuminated sign on the subject site.
3.5	The ability to include landscaping to reduce the visual impact of parts of the sign structure.	The sign will be mounted on the proposed building and complement the proposed building works.
4	The relationship to the site and building:	
4.1	The scale and form of the sign relative to the scale, proportion and any other significant characteristics of the host site and host building.	The proposed sign is appropriately proportioned to the host site.
4.2	The extent to which the sign displays innovation relative to the host site and host building.	The host site and the sign will be innovative and complement one another.
4.3	The extent to which the sign requires the removal of vegetation or includes new landscaping.	Not applicable. The sign will be mounted on the proposed building and therefore no removal of vegetation is required.
5	The impact of structures associated with the sign:	
5.1	The extent to which associated structures integrate with the sign.	Not applicable.
5.2	The potential of associated structures to impact any important or significant features of the building, site, streetscape, setting or landscape, views and vistas or area.	The sign will complement the proposed building works.

**ADVERTISED
PLAN**


This copied document to be made available for the sole purpose of enabling its consideration and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any purpose which may breach any copyright

No	Clause 52.05-8	Comment
6	The impact of any illumination:	
6.1	The impact of glare and illumination on the safety of pedestrians and vehicles.	The proposed sign will be a static electronic sign meeting AS4282 specifications i.e. maximum luminance levels. A qualified lighting engineer will assess the luminance levels and lighting outputs. The luminance of the sign will be such that it does not give a veiling luminance to the driver of greater than 0.25 cd/m ² , throughout the driver's approach to the sign. The sign is located approximately 35 m laterally from westbound drivers' line of sight.
6.2	The impact of illumination on the amenity of nearby residents and the amenity of the area.	The sign is proposed to face non-residential uses (i.e. church).
6.3	The potential to control illumination temporally or in terms of intensity	The proposed sign will be a static electronic sign meeting AS4282 specifications.
7	The impact of any logo box associated with the sign:	
7.1	The extent to which the logo box forms an integral part of the sign through its position, lighting and any structures used to attach the logo box to the sign.	Not applicable.
7.2	The suitability of the size of the logo box in relation to its identification purpose and the size of the sign	Not applicable.
8	The need for identification and the opportunities for adequate identification on the site or locality	
8.1	The need for identification and the opportunities for adequate identification on the site or locality	The sign is proposed to indicate the presence of the school.
9	The impact on road safety. A sign is a safety hazard if the sign:	
9.1	Obstructs a driver's line of sight at an intersection, curve or point of egress from an adjacent property.	The proposed sign is a static illuminated sign and will be proposed approximately 35.0 m laterally offset from the line of sight of traffic travelling westbound along Whitehorse Road. Furthermore, the bottom of the sign is 8.7 m above ground level. The driver eye height is located 1.1 m above ground level as per AustRoads. It is concluded that the proposed sign will not obstruct a driver's line of sight at the Whitehorse Road intersection or egress points of surrounding properties.

**ADVERTISED
PLAN**

This copied document to be made available for the sole purpose of enabling its consideration and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any purpose which may breach any copyright

ADVERTISED PLAN

No	Clause 52.05-8	Comment
9.2	Obstructs a driver's view of a traffic control device or is likely to create a confusing or dominating background that may reduce the clarity or effectiveness of a traffic control device.	<p>The proposed sign is located within the property boundary 35.0 m away from traffic travelling westbound along Whitehorse Road. The sign is located within close proximity of the Whitehorse Road / Dorking Road signalised intersection (see aerial photo below). The proposed sign will not obstruct a driver's line of sight or their view of traffic control devices, as the sign is proposed to be static.</p> 
9.3	Could dazzle or distract drivers due to its size, design or colouring, or it being illuminated, reflective, animated or flashing.	<p>The proposed sign will be a static electronic sign in accordance with AS4282 i.e. maximum luminance levels. A qualified lighting engineer will assess the luminance levels and lighting outputs.</p> <p>The luminance of the advertising sign will be such that it does not give a veiling luminance to the driver of greater than 0.25 cd/m², throughout the driver's approach to the sign. The sign is located 35.0 m laterally from the driver's line of sight.</p>
9.4	Is at a location where particular concentration is required, such as a high pedestrian volume intersection.	The sign is a static sign that will not distract drivers.
9.5	Is likely to be mistaken for a traffic control device, because it contains red, green or yellow lighting, or has red circles, octagons, crosses, triangles or arrows.	<p>The proposed sign will be a static electronic sign in accordance with AS4282 i.e. maximum luminance levels. A qualified lighting engineer will assess the luminance levels and lighting outputs.</p> <p>The luminance of the advertising sign will be such that it does not give a veiling luminance to the driver of greater than 0.25 cd/m², throughout the driver's approach to the sign. The sign is located 35.0 m laterally from the drivers' line of sight.</p> <p>The sign will not be confused with the traffic signals as the sign will be static and will not be coloured similar the nearby traffic control devices.</p>
9.6	Requires close study from a moving or stationary vehicle in a location where the vehicle would be unprotected from passing traffic	The sign is proposed to be a logo and will not provide an overload of information.

This copied document to be made available for the sole purpose of enabling its consideration and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any purpose which may breach any copyright

No	Clause 52.05-8	Comment
9.7	Invites drivers to turn where there is fast moving traffic, or the sign is so close to the turning point that there is no time to signal and turn safely.	The proposed sign is not located near a vehicle access that could be mistaken for the access into the subject site.
9.8	Is within 100 m of a rural railway crossing	Not applicable.
9.9	Has insufficient clearance from vehicles on the carriageway	The proposed sign is located approximately 35.0 m from the carriageway.
9.10	Could mislead drivers or be mistaken as an instruction to drivers.	The proposed sign is a static sign and is located approximately 35.0 m from the line of sight of vehicles travelling westbound along the Whitehorse Road carriageway.

ADVERTISED PLAN

This copied document to be made available
 for the sole purpose of enabling
 its consideration and review as
 part of a planning process under the
 Planning and Environment Act 1987.
 The document must not be used for any
 purpose which may breach any
 copyright

8 CONCLUSIONS

The following conclusions are drawn from the assessment of the proposed development at Our Lady of Sion College, in Box Hill:

- It is understood that the number of staff and students has gradually increased since the previous application submitted in 2015 by:
 - 26 staff (from 85 to 111 staff)
 - 46 students (from 907 to 953 students)
- the proposal will increase the on-site car parking supply to 119 car parking spaces including:
 - redevelopment of the car park accessed via the Whitehorse Road service road
 - a new car parking area with 24 car parking spaces accessed via a new crossover to Dorking Road
- the proposed increase in 26 staff has a Planning Scheme car parking requirement of 31 car parking spaces. With an additional 24 car parking spaces provided on-site, the proposal has a shortfall of 7 car parking spaces under the Planning Scheme
- an application is being sought under Clause 52.06-7 for a waiver in 7 car parking spaces
- including the 14 long-term car parking spaces along the schools Graham Street frontage, the school has access to 133 long-term car parking spaces
- based on a maximum of 111 staff on-site, the school will generate a total car parking demand of 133 car spaces. Therefore, the car parking demand generated by the total number of staff on-site can be accommodated within the long-term car parking available for use by the school and the proposed car parking provision is considered justified
- the proposed car park access and layout meets / exceeds the requirements of the planning scheme
- the proposed car parking area accessed via Dorking Road will result in the loss of two on-street car parking spaces. However, the increased on-site car parking supply will provide a net benefit the car parking in the vicinity of the school and therefore the loss of two car parking spaces is considered appropriate
- the provision of additional off-site car parking is anticipated to improve existing traffic conditions by providing additional drop-off and pick-up opportunities for parents, reducing the potential for traffic congestion during peak school times
- the proposed sign would not adversely impact the safety or views within the surrounding road network.

Therefore, there are no traffic engineering reasons that should prevent the development from proceeding.

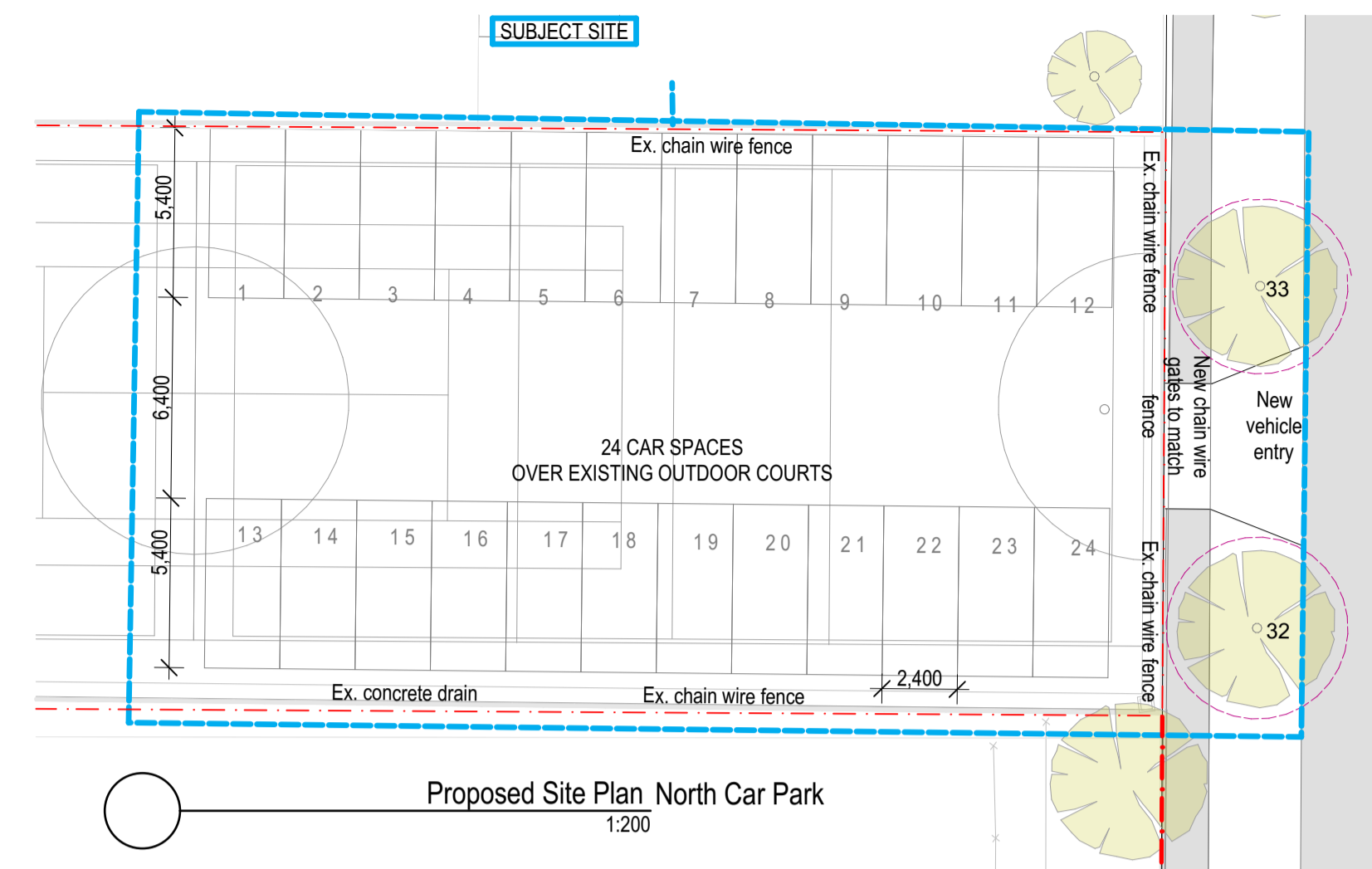
**ADVERTISED
PLAN**

This copied document to be made available for the sole purpose of enabling its consideration and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any purpose which may breach any copyright

ATTACHMENT A – SITE PLAN

ADVERTISED PLAN

This copied document to be made available for the sole purpose of enabling its consideration and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any purpose which may breach any copyright



LEGEND

	New building extension over multiple levels		College Title Boundary
	Existing Buildings		Existing Trees & TPZ
	Subject Site		New Trees
	Temporary Classrooms		

This copied document to be made available for the sole purpose of enabling its consideration and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any purpose which may breach any copyright.

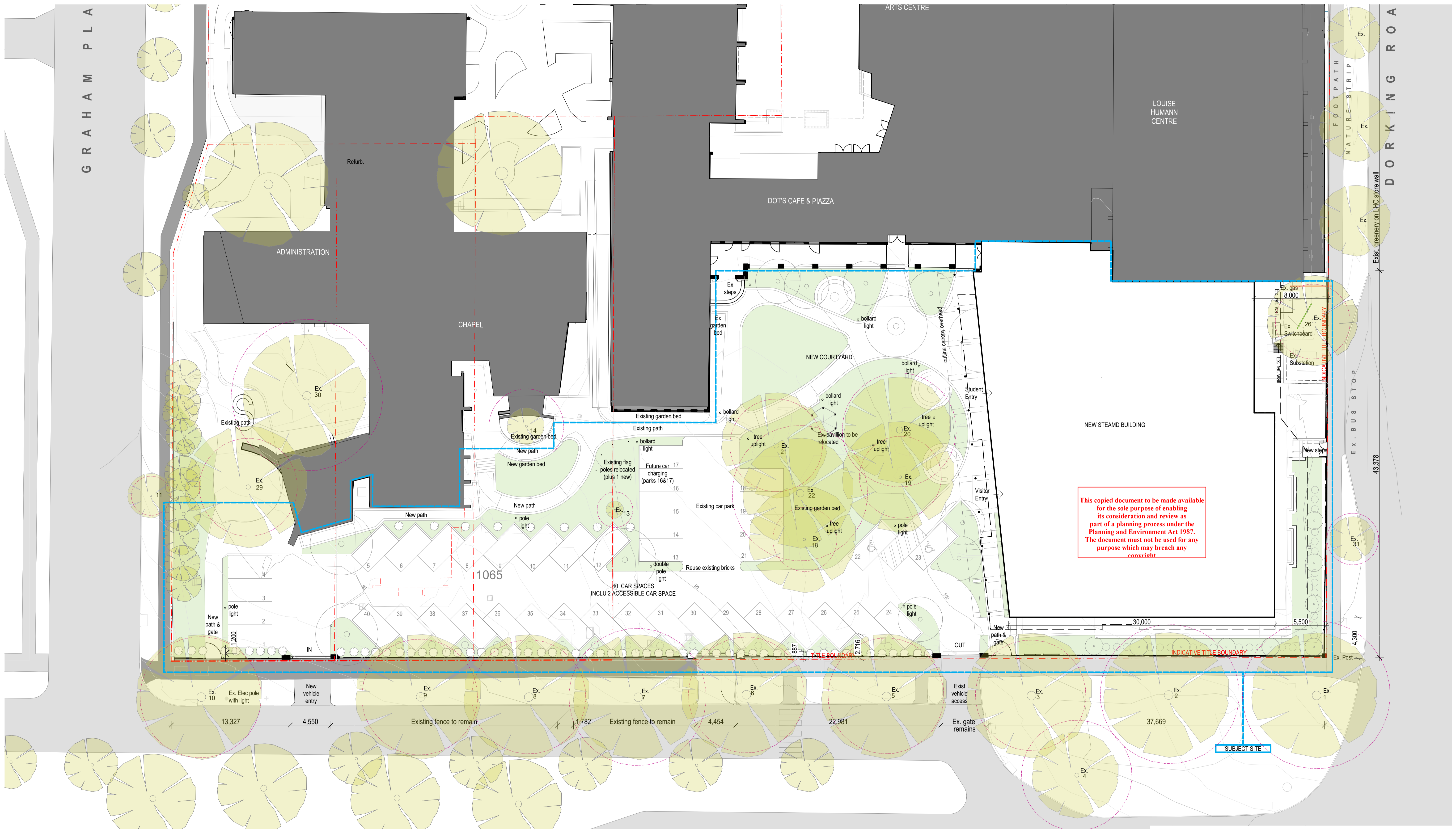
ADVERTISED PLAN

Proposed Overall Site Plan 1:500



OLSC STEAMD & Administration Centre

ADVERTISED PLAN



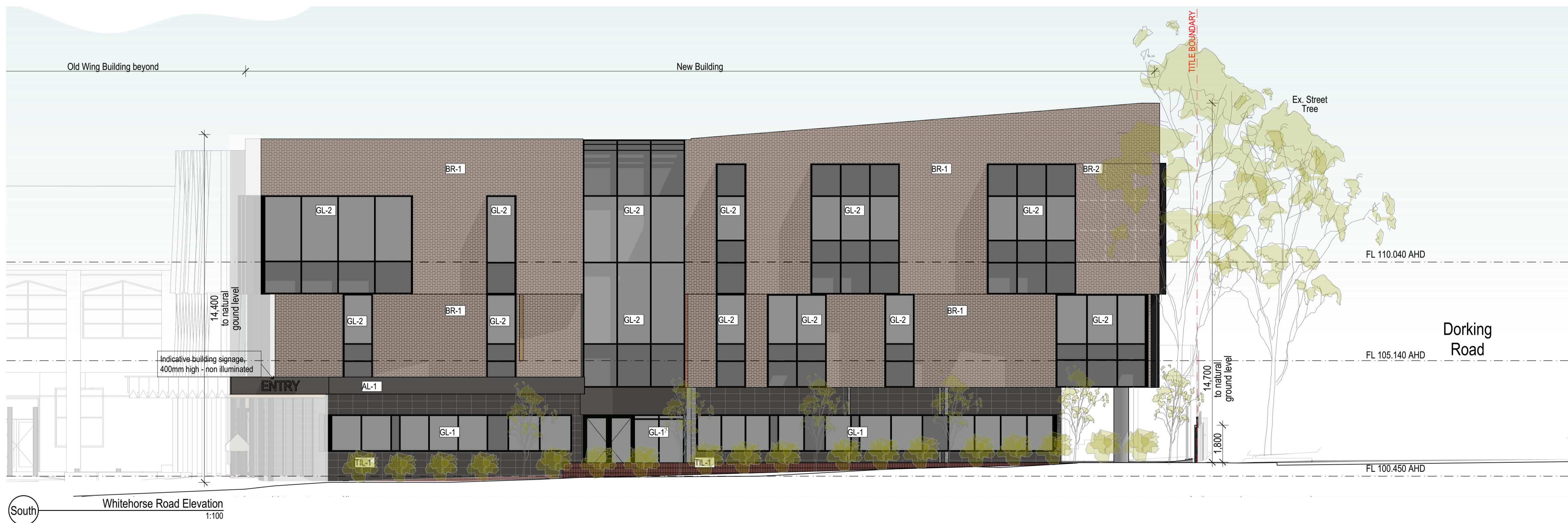
This copied document to be made available for the sole purpose of enabling its consideration and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any purpose which may breach any copyright.

LEGEND

	New building extension over multiple levels		College Title Boundary
	Existing Buildings		Existing Trees & TPZ
	Subject Site		New Trees



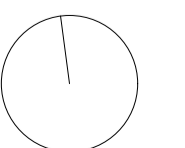
ADVERTISED PLAN



LEGEND

-  BR-1 Brick Cladding, Running bond pattern
Colour: Cream / Light Brown
-  BR-2 Brick Cladding, Herringbone pattern
Colour: Cream / Light Brown
-  GL-1 Clear glazing
-  GL-2 Clear glazing with spandrel top and bottom. Full floor height
-  CCS-1 Vitra Panel - dark grey
-  CCS-2 Vitra Panel - light green
-  TIL-1 Bluestone tile
Colour: Dark Grey
-  TIM-1 Timber panel to underside canopy
-  AL-1 Aluminium cladding to canopy
-  SC-1 Screen - perforated aluminium powdercoated shading screen. Light green to match CCS-2

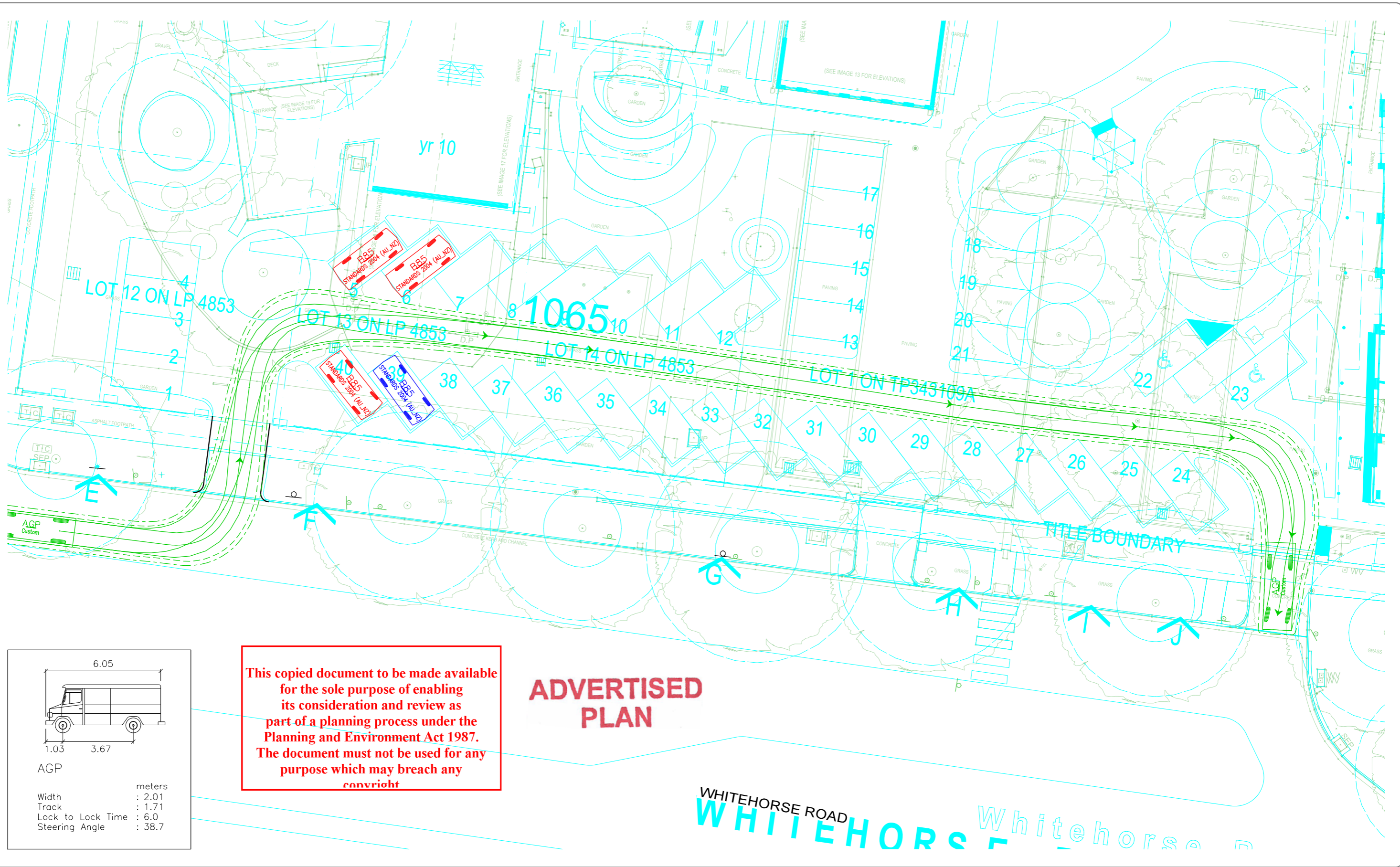
This copied document to be made available for the sole purpose of enabling its consideration and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any purpose which may breach any copyright



ATTACHMENT B – SWEEP PATH ASSESSMENT

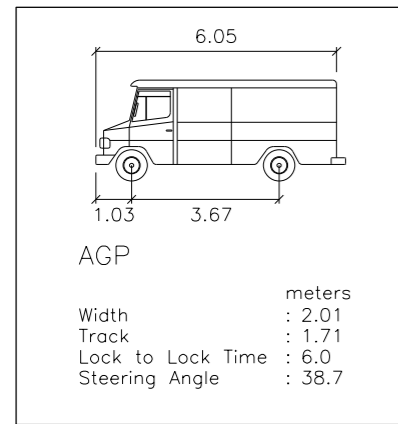
ADVERTISED PLAN

**This copied document to be made available
for the sole purpose of enabling
its consideration and review as
part of a planning process under the
Planning and Environment Act 1987.
The document must not be used for any
purpose which may breach any
copyright**



This copied document to be made available for the sole purpose of enabling its consideration and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any purpose which may breach any copyright

ADVERTISED PLAN



Drawing Record

ISSUE	DRAWN	APP'D	DATE	AMENDMENT
P6	GL	AA	04.04.22	PRELIMINARY ISSUE FOR COMMENT

WARNING
BEWARE OF UNDERGROUND SERVICES
THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

PRELIMINARY PLAN
FOR DISCUSSION PURPOSES ONLY
SUBJECT TO CHANGE WITHOUT NOTIFICATION
DATE OF ISSUE: 04/04/22

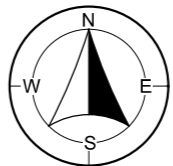
Notes & Legend

1. AERIAL IMAGE FROM NEARMAP UNDER LICENSE AGREEMENT WITH TRAFFICWORKS PTY LTD.
2. ALL DIMENSIONS ARE TO FACE OF KERB UNLESS SHOWN OTHERWISE.

TRAFFICWORKS PTY LTD

1st Floor 132 Upper Heidelberg Road IVANHOE VIC. 3079
P.O. Box 417 IVANHOE VIC. 3079
Tel (03) 9490 5900 Fax (03) 9490 5910 www.trafficworks.com.au

CLIENT
WILLIAM ROSS ARCHITECTS



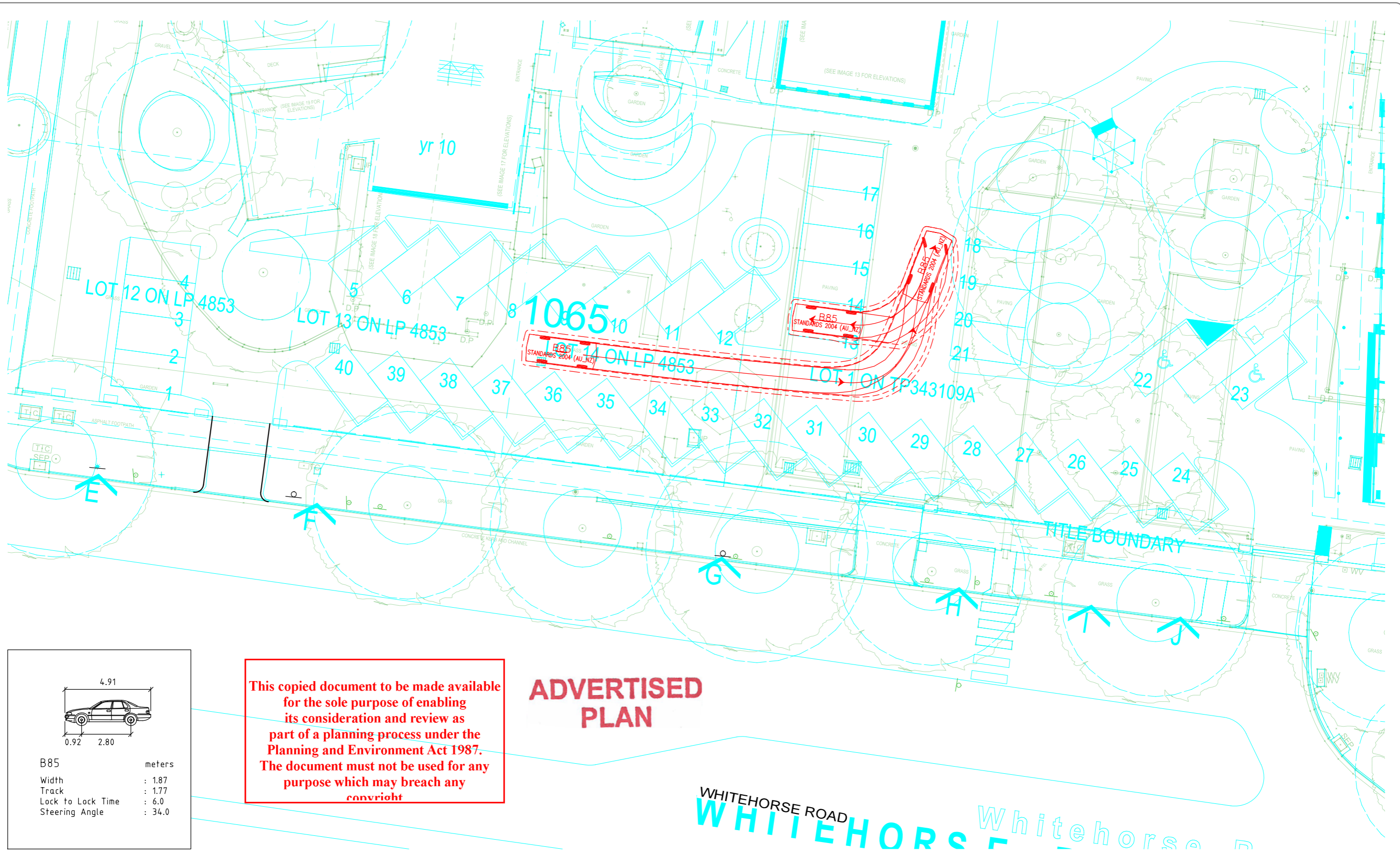
SCALE OF METRES
0 2.5 5.0

1065 Whitehorse Road, Box Hill

Whitehorse City Council

Swept Path Assessment

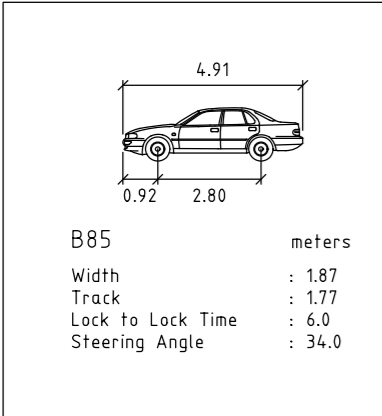
SHEET NO. 1	DRAWING NO. 201090-SKT-01	ISSUE P6
----------------	------------------------------	-------------



This copied document to be made available for the sole purpose of enabling its consideration and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any purpose which may breach any **copyright**

ADVERTISED PLAN

WHITEHORSE ROAD
Whitehorse



4/04/2022 201090-SKT-02 12:14:18 PM T:\2021 Projects\201090-Design\201090-CTP-01-P6.dgn

Drawing Record				
ISSUE	DRAWN	APP'D	DATE	AMENDMENT
P6	GL	AA	04.04.22	PRELIMINARY ISSUE FOR COMMENT

WARNING
 BEWARE OF UNDERGROUND SERVICES
 THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

PRELIMINARY PLAN
 FOR DISCUSSION PURPOSES ONLY
 SUBJECT TO CHANGE WITHOUT NOTIFICATION
 DATE OF ISSUE: 04/04/22

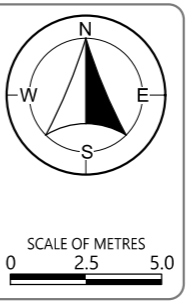
Notes & Legend

- AERIAL IMAGE FROM NEARMAP UNDER LICENSE AGREEMENT WITH TRAFFICWORKS PTY LTD.
- ALL DIMENSIONS ARE TO FACE OF KERB UNLESS SHOWN OTHERWISE.

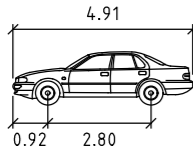
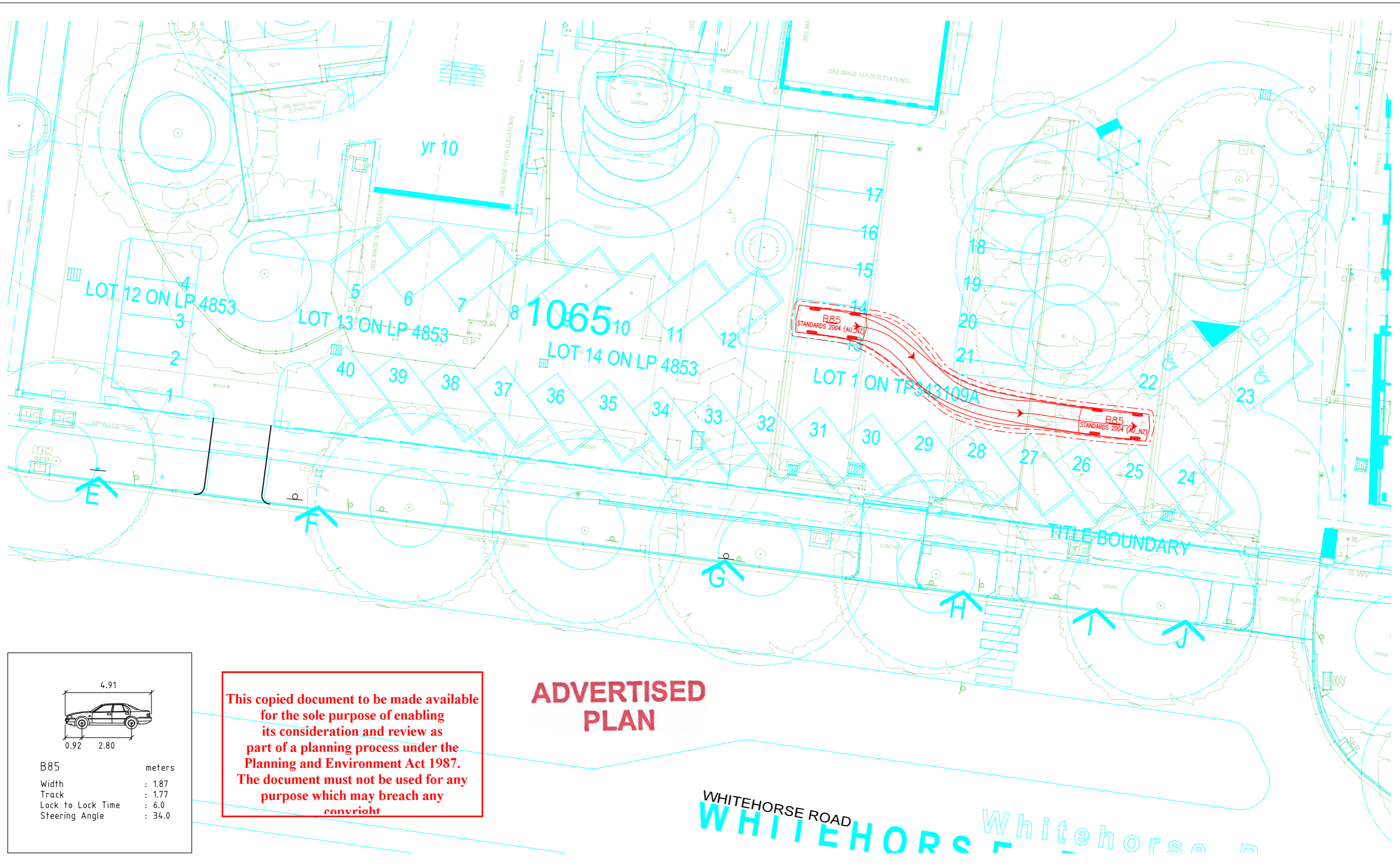
TRAFFICWORKS
 PTY LTD

1st Floor 132 Upper Heidelberg Road IVANHOE VIC. 3079
 P.O. Box 417 IVANHOE VIC. 3079
 Tel (03) 9490 5900 Fax (03) 9490 5910 www.trafficworks.com.au

CLIENT
WILLIAM ROSS ARCHITECTS



1065 Whitehorse Road, Box Hill		
Whitehorse City Council		
Swept Path Assessment		
SHEET NO. 2	DRAWING NO. 201090-SKT-02	ISSUE P6



B85 meters
 Width : 1.87
 Track : 1.77
 Lock to Lock Time : 6.0
 Steering Angle : 34.0

This copied document to be made available for the sole purpose of enabling its consideration and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any purpose which may breach any copyright

ADVERTISED PLAN

WHITEHORSE ROAD
 Whitehorse

4/04/2022 201090-SKT-03 12:14:22 PM T:\2021 Projects\201090-Design\201090-CTP-01-P6.dgn

Drawing Record				
ISSUE	DRAWN	APP'D	DATE	AMENDMENT
P6	GL	AA	04.04.22	PRELIMINARY ISSUE FOR COMMENT

WARNING
 BEWARE OF UNDERGROUND SERVICES
 THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

PRELIMINARY PLAN
 FOR DISCUSSION PURPOSES ONLY
 SUBJECT TO CHANGE WITHOUT NOTIFICATION
 DATE OF ISSUE: 04/04/22

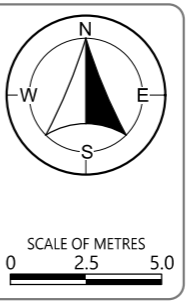
Notes & Legend

- AERIAL IMAGE FROM NEARMAP UNDER LICENSE AGREEMENT WITH TRAFFICWORKS PTY LTD.
- ALL DIMENSIONS ARE TO FACE OF KERB UNLESS SHOWN OTHERWISE.

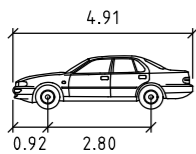
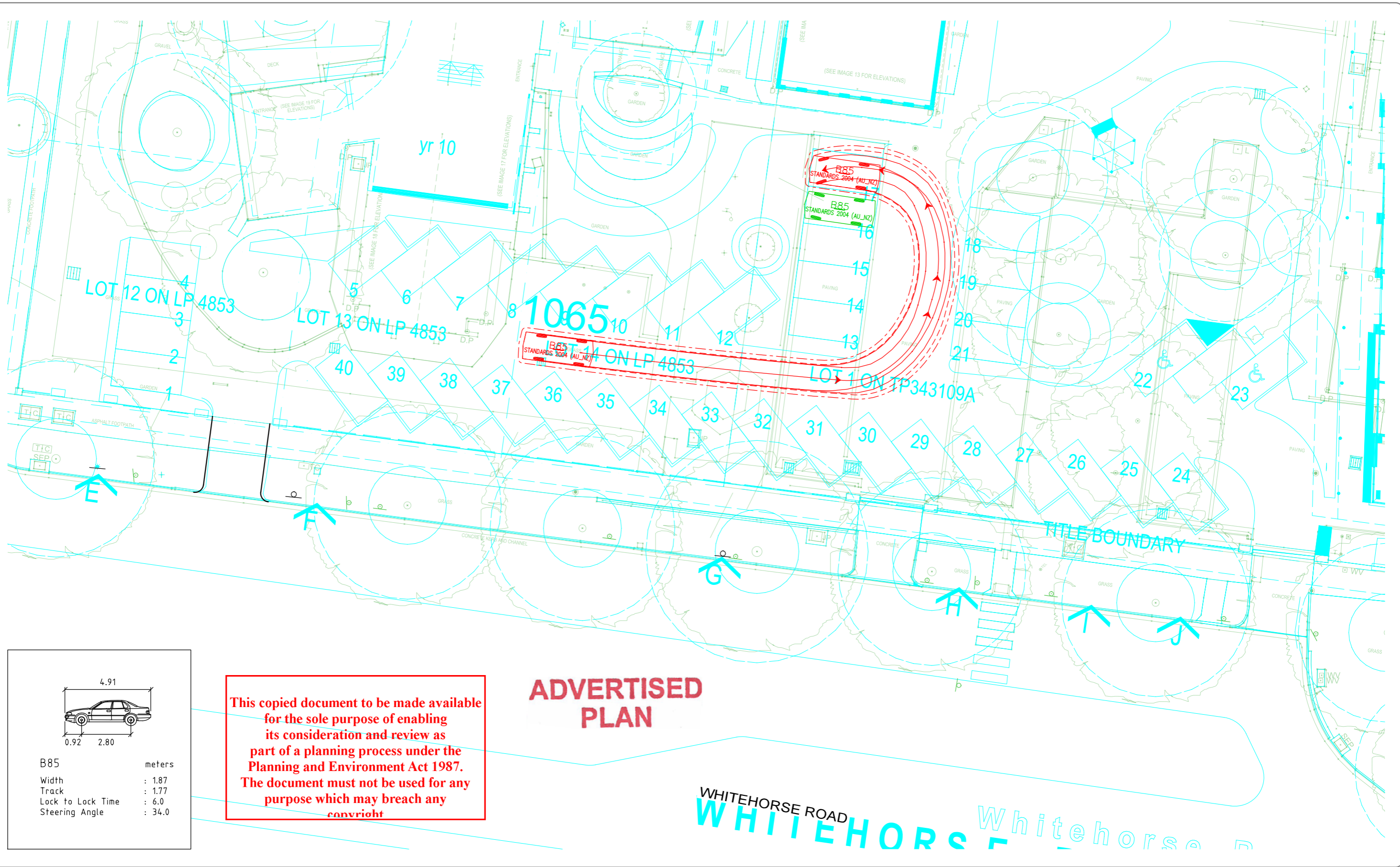
TRAFFICWORKS
 PTY LTD

1st Floor 132 Upper Heidelberg Road IVANHOE VIC. 3079
 P.O. Box 417 IVANHOE VIC. 3079
 Tel (03) 9490 5900 Fax (03) 9490 5910 www.trafficworks.com.au

CLIENT
WILLIAM ROSS ARCHITECTS



1065 Whitehorse Road, Box Hill		
Whitehorse City Council		
Swept Path Assessment		
SHEET NO. 3	DRAWING NO. 201090-SKT-03	ISSUE P6



B85 meters
 Width : 1.87
 Track : 1.77
 Lock to Lock Time : 6.0
 Steering Angle : 34.0

This copied document to be made available for the sole purpose of enabling its consideration and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any purpose which may breach any copyright

ADVERTISED PLAN

WHITEHORSE ROAD
 Whitehorse

4/04/2022 201090-SKT-04 12:14:24 PM T:\2021 Projects\201090-Design\201090-CTP-01-P6.dgn

Drawing Record				
ISSUE	DRAWN	APP'D	DATE	AMENDMENT
P6	GL	AA	04.04.22	PRELIMINARY ISSUE FOR COMMENT

WARNING
 BEWARE OF UNDERGROUND SERVICES
 THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

PRELIMINARY PLAN
 FOR DISCUSSION PURPOSES ONLY
 SUBJECT TO CHANGE WITHOUT NOTIFICATION
 DATE OF ISSUE: 04/04/22

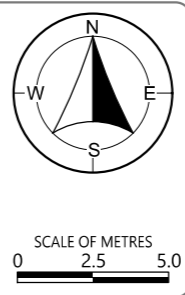
Notes & Legend

- AERIAL IMAGE FROM NEARMAP UNDER LICENSE AGREEMENT WITH TRAFFICWORKS PTY LTD.
- ALL DIMENSIONS ARE TO FACE OF KERB UNLESS SHOWN OTHERWISE.

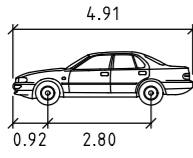
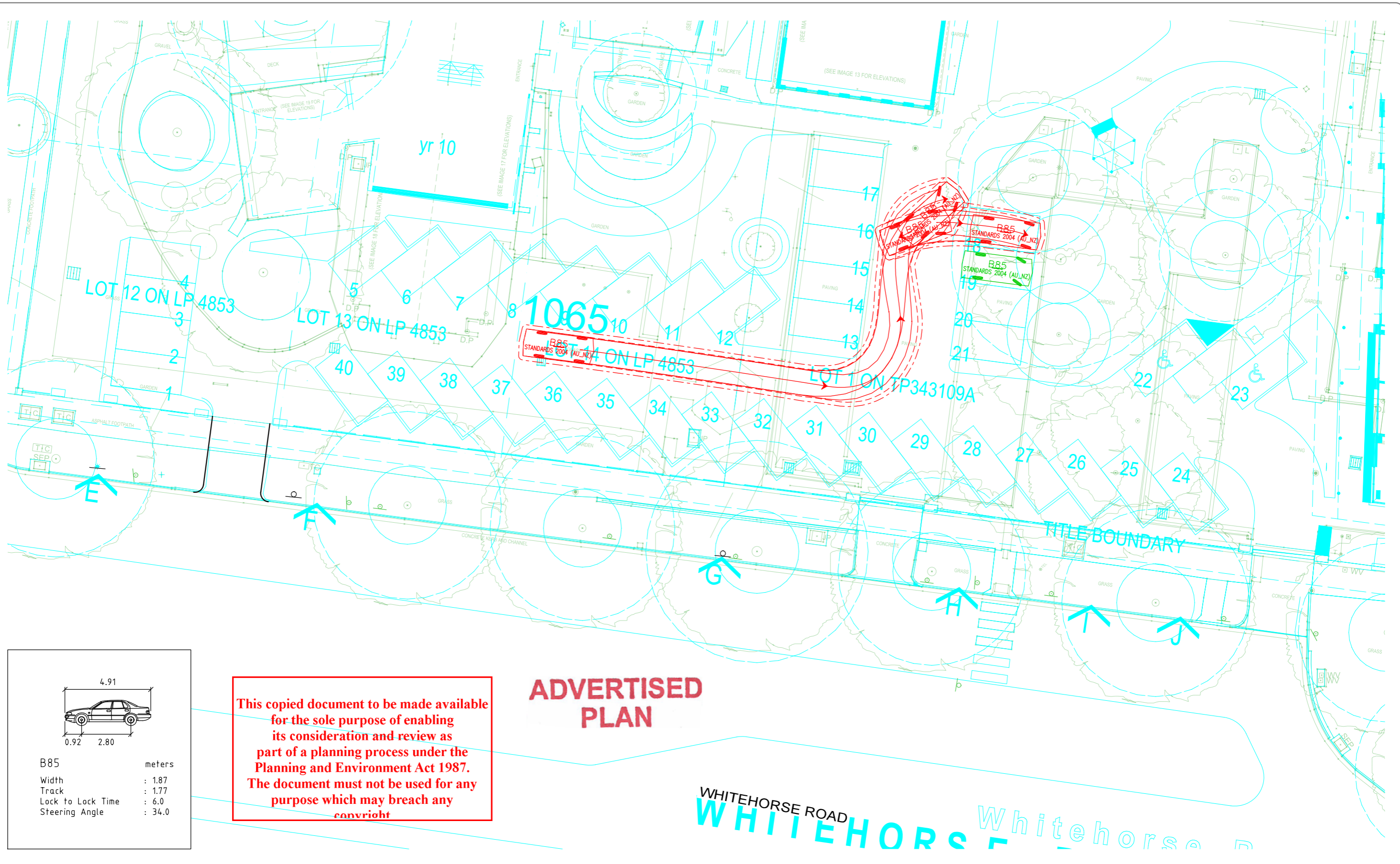
TRAFFICWORKS
 PTY LTD

1st Floor 132 Upper Heidelberg Road IVANHOE VIC. 3079
 P.O. Box 417 IVANHOE VIC. 3079
 Tel (03) 9490 5900 Fax (03) 9490 5910 www.trafficworks.com.au

CLIENT
WILLIAM ROSS ARCHITECTS



1065 Whitehorse Road, Box Hill		
Whitehorse City Council		
Swept Path Assessment		
SHEET NO. 4	DRAWING NO. 201090-SKT-04	ISSUE P6



B85 meters
 Width : 1.87
 Track : 1.77
 Lock to Lock Time : 6.0
 Steering Angle : 34.0

This copied document to be made available for the sole purpose of enabling its consideration and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any purpose which may breach any copyright

ADVERTISED PLAN

WHITEHORSE ROAD
 Whitehorse

4/04/2022 201090-SKT-06 12:14:37 PM I:\2021 Projects\201090\Design\201090-CTP-01-P6.dgn

Drawing Record				
ISSUE	DRAWN	APP'D	DATE	AMENDMENT
P6	GL	AA	04.04.22	PRELIMINARY ISSUE FOR COMMENT

WARNING
 BEWARE OF UNDERGROUND SERVICES
 THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

PRELIMINARY PLAN
 FOR DISCUSSION PURPOSES ONLY
 SUBJECT TO CHANGE WITHOUT NOTIFICATION
 DATE OF ISSUE: 04/04/22

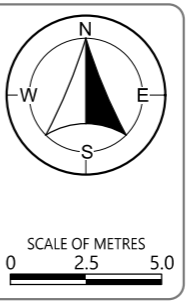
Notes & Legend

- AERIAL IMAGE FROM NEARMAP UNDER LICENSE AGREEMENT WITH TRAFFICWORKS PTY LTD.
- ALL DIMENSIONS ARE TO FACE OF KERB UNLESS SHOWN OTHERWISE.

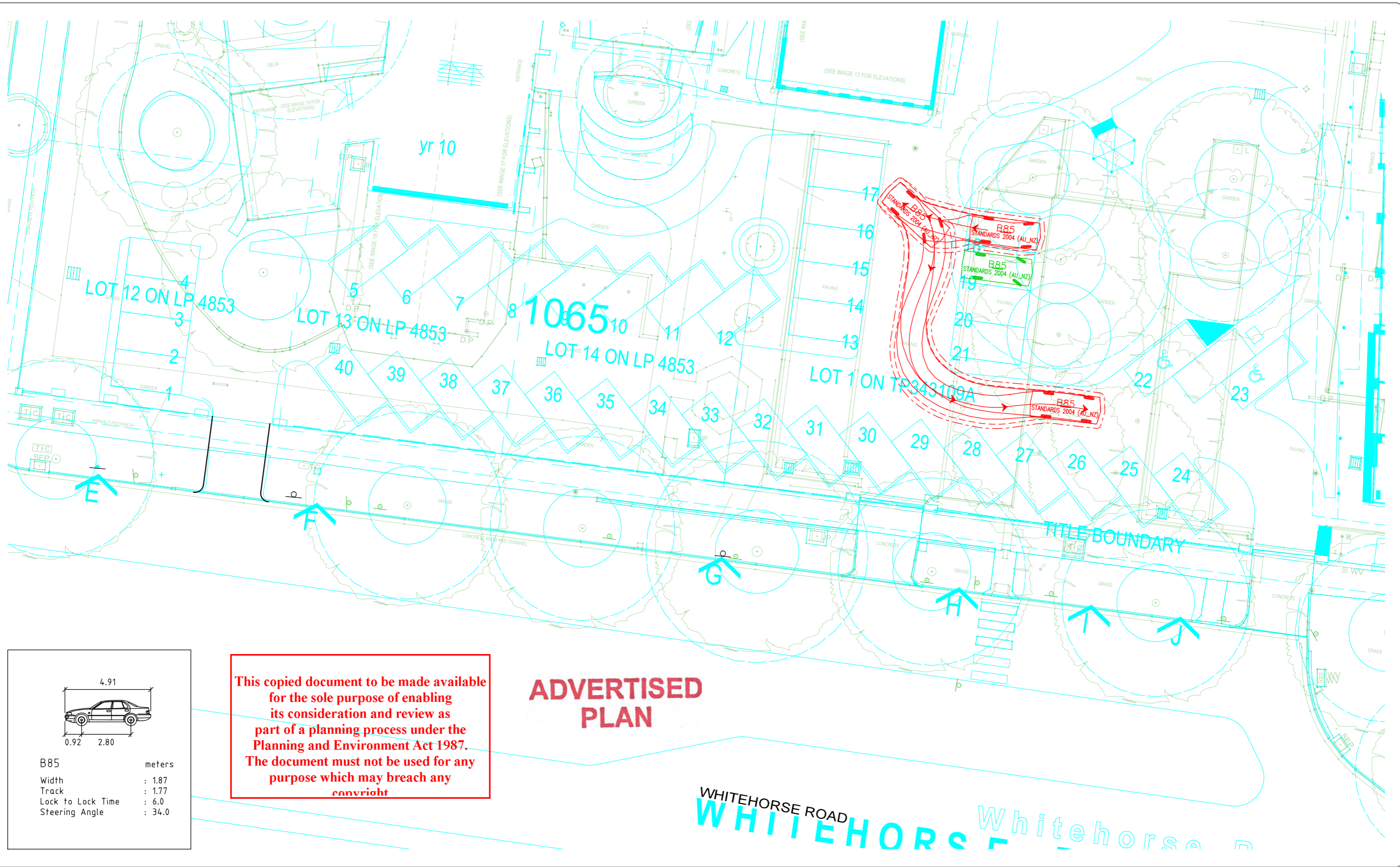
TRAFFICWORKS
 PTY LTD

1st Floor 132 Upper Heidelberg Road IVANHOE VIC. 3079
 P.O. Box 417 IVANHOE VIC. 3079
 Tel (03) 9490 5900 Fax (03) 9490 5910 www.trafficworks.com.au

CLIENT
 WILLIAM ROSS ARCHITECTS



1065 Whitehorse Road, Box Hill		
Whitehorse City Council		
Swept Path Assessment		
SHEET NO. 6	DRAWING NO. 201090-SKT-06	ISSUE P6



This copied document to be made available for the sole purpose of enabling its consideration and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any purpose which may breach any copyright

ADVERTISED PLAN

WHITEHORSE ROAD
Whitehorse

B85 meters

Width : 4.91
 Track : 2.80
 Lock to Lock Time : 6.0
 Steering Angle : 34.0

4/04/2022 201090-SKT-07 12:14:40 PM I:\2021 Projects\201090-Design\201090-CTP-01-P6.dgn

Drawing Record				
ISSUE	DRAWN	APP'D	DATE	AMENDMENT
P6	GL	AA	04.04.22	PRELIMINARY ISSUE FOR COMMENT

WARNING
 BEWARE OF UNDERGROUND SERVICES
 THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

PRELIMINARY PLAN
 FOR DISCUSSION PURPOSES ONLY
 SUBJECT TO CHANGE WITHOUT NOTIFICATION
 DATE OF ISSUE: 04/04/22

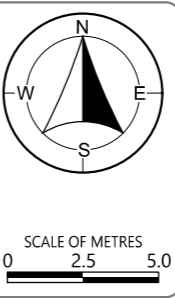
Notes & Legend

- AERIAL IMAGE FROM NEARMAP UNDER LICENSE AGREEMENT WITH TRAFFICWORKS PTY LTD.
- ALL DIMENSIONS ARE TO FACE OF KERB UNLESS SHOWN OTHERWISE.

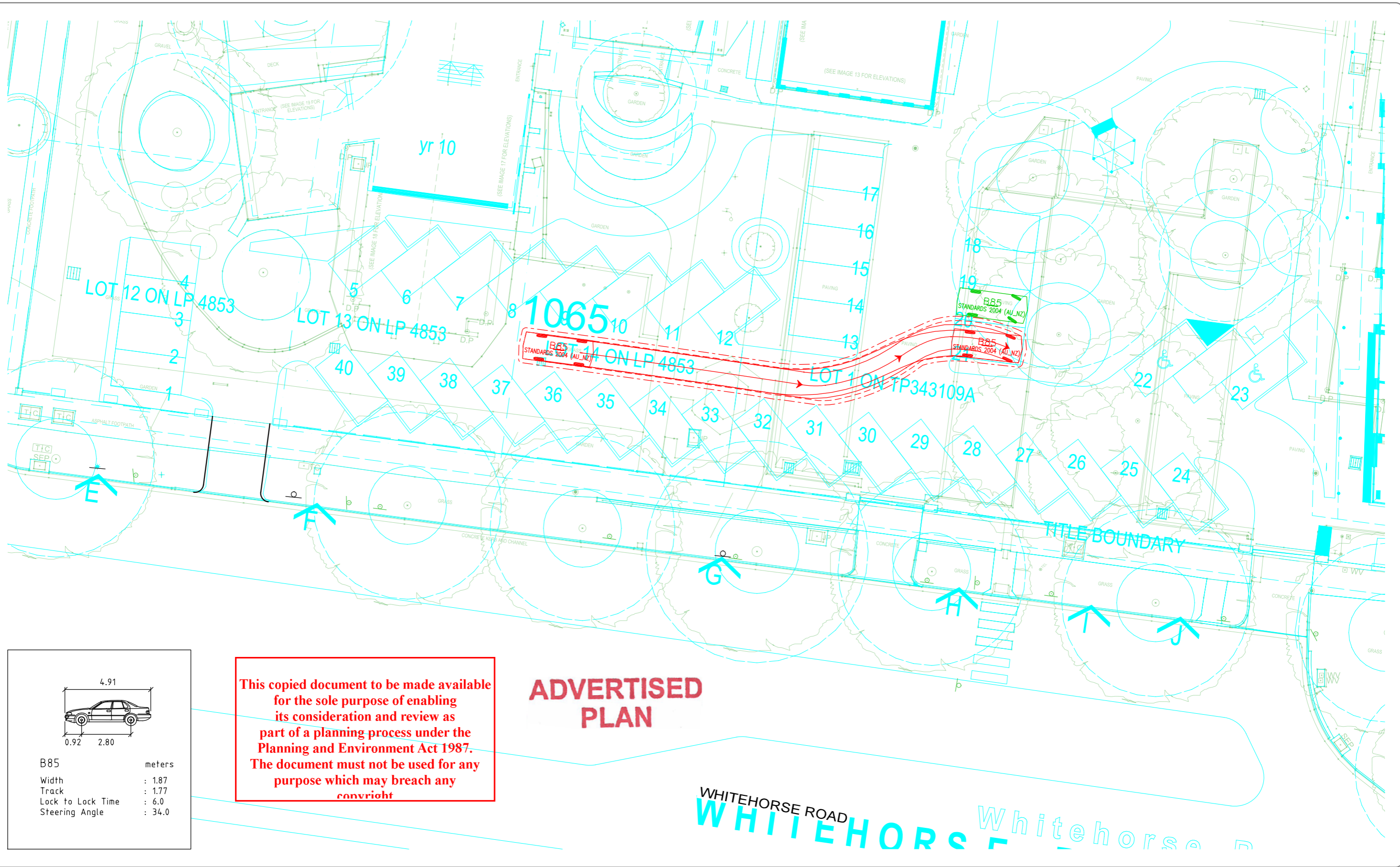
TRAFFICWORKS
 PTY LTD

1st Floor 132 Upper Heidelberg Road IVANHOE VIC. 3079
 P.O. Box 417 IVANHOE VIC. 3079
 Tel (03) 9490 5900 Fax (03) 9490 5910 www.trafficworks.com.au

CLIENT
WILLIAM ROSS ARCHITECTS



1065 Whitehorse Road, Box Hill		
Whitehorse City Council		
Swept Path Assessment		
SHEET NO. 7	DRAWING NO. 201090-SKT-07	ISSUE P6



This copied document to be made available for the sole purpose of enabling its consideration and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any purpose which may breach any **copyright**

ADVERTISED PLAN

WHITEHORSE ROAD
Whitehorse

B85 meters

Width : 4.91
 Track : 0.92
 Lock to Lock Time : 2.80
 Steering Angle : 34.0

4/04/2022 201090-SKT-08 12:14:44 PM I:\2021 Projects\201090\Design\201090-CTP-01-P6.dgn

Drawing Record				
ISSUE	DRAWN	APP'D	DATE	AMENDMENT
P6	GL	AA	04.04.22	PRELIMINARY ISSUE FOR COMMENT

WARNING
 BEWARE OF UNDERGROUND SERVICES
 THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

PRELIMINARY PLAN
 FOR DISCUSSION PURPOSES ONLY
 SUBJECT TO CHANGE WITHOUT NOTIFICATION
 DATE OF ISSUE: 04/04/22

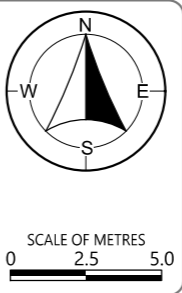
Notes & Legend

- AERIAL IMAGE FROM NEARMAP UNDER LICENSE AGREEMENT WITH TRAFFICWORKS PTY LTD.
- ALL DIMENSIONS ARE TO FACE OF KERB UNLESS SHOWN OTHERWISE.

TRAFFICWORKS
 PTY LTD

1st Floor 132 Upper Heidelberg Road IVANHOE VIC. 3079
 P.O. Box 417 IVANHOE VIC. 3079
 Tel (03) 9490 5900 Fax (03) 9490 5910 www.trafficworks.com.au

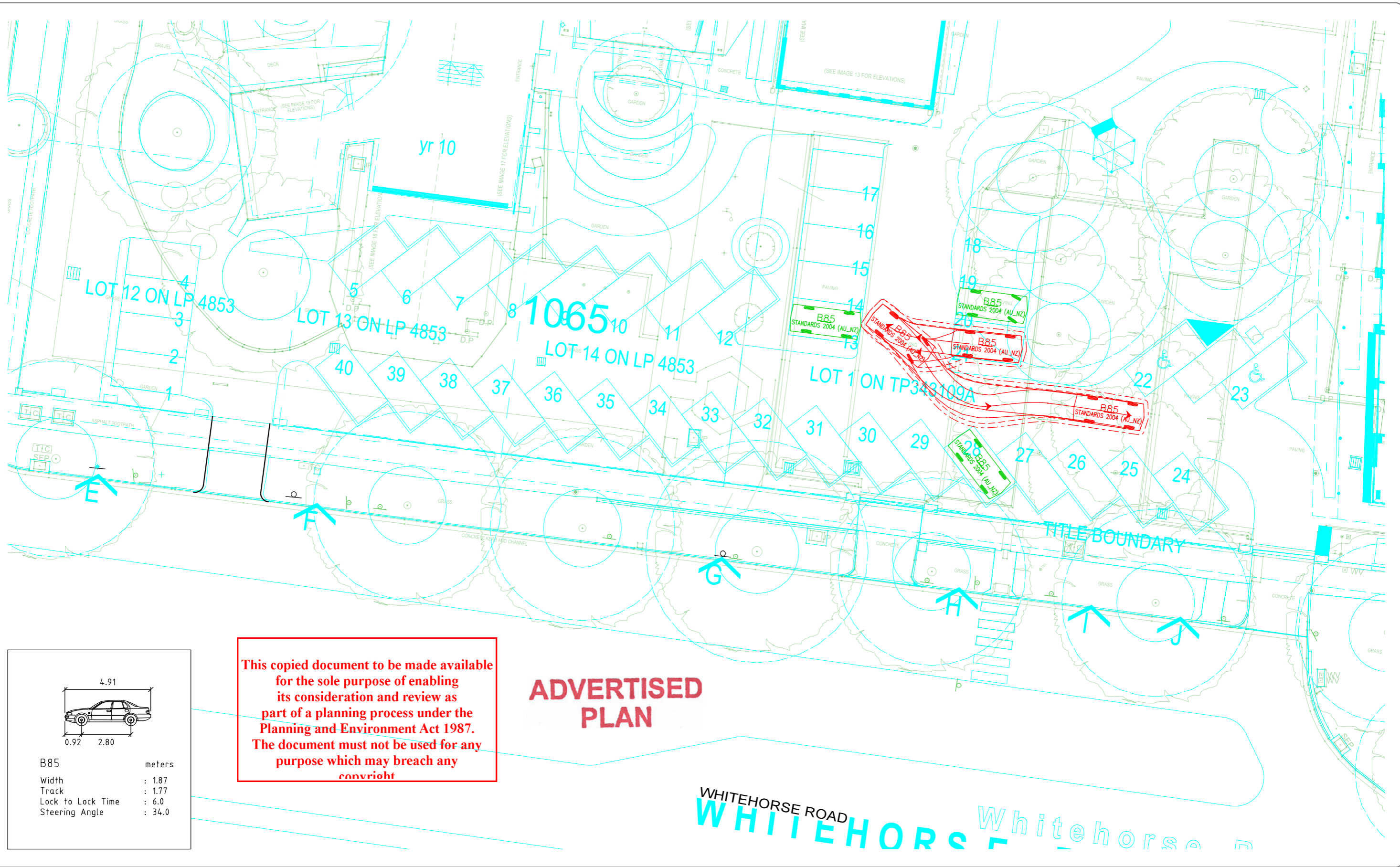
CLIENT
WILLIAM ROSS ARCHITECTS



1065 Whitehorse Road, Box Hill
 Whitehorse City Council

Swept Path Assessment

SHEET NO. 08	DRAWING NO. 201090-SKT-08	ISSUE P6
-----------------	------------------------------	-------------



This copied document to be made available for the sole purpose of enabling its consideration and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any purpose which may breach any copyright

ADVERTISED PLAN

WHITEHORSE ROAD
Whitehorse

B85 meters

Width : 1.87
 Track : 1.77
 Lock to Lock Time : 6.0
 Steering Angle : 34.0

4/04/2022 201090-SKT-09 12:14:55 PM I:\2021 Projects\201090\Design\201090-CTP-01-P6.dgn

Drawing Record				
ISSUE	DRAWN	APP'D	DATE	AMENDMENT
P6	GL	AA	04.04.22	PRELIMINARY ISSUE FOR COMMENT

WARNING
 BEWARE OF UNDERGROUND SERVICES
 THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

PRELIMINARY PLAN
 FOR DISCUSSION PURPOSES ONLY
 SUBJECT TO CHANGE WITHOUT NOTIFICATION
 DATE OF ISSUE: 04/04/22

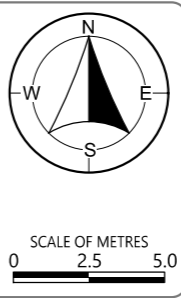
Notes & Legend

- AERIAL IMAGE FROM NEARMAP UNDER LICENSE AGREEMENT WITH TRAFFICWORKS PTY LTD.
- ALL DIMENSIONS ARE TO FACE OF KERB UNLESS SHOWN OTHERWISE.

TRAFFICWORKS
 PTY LTD

1st Floor 132 Upper Heidelberg Road IVANHOE VIC. 3079
 P.O. Box 417 IVANHOE VIC. 3079
 Tel (03) 9490 5900 Fax (03) 9490 5910 www.trafficworks.com.au

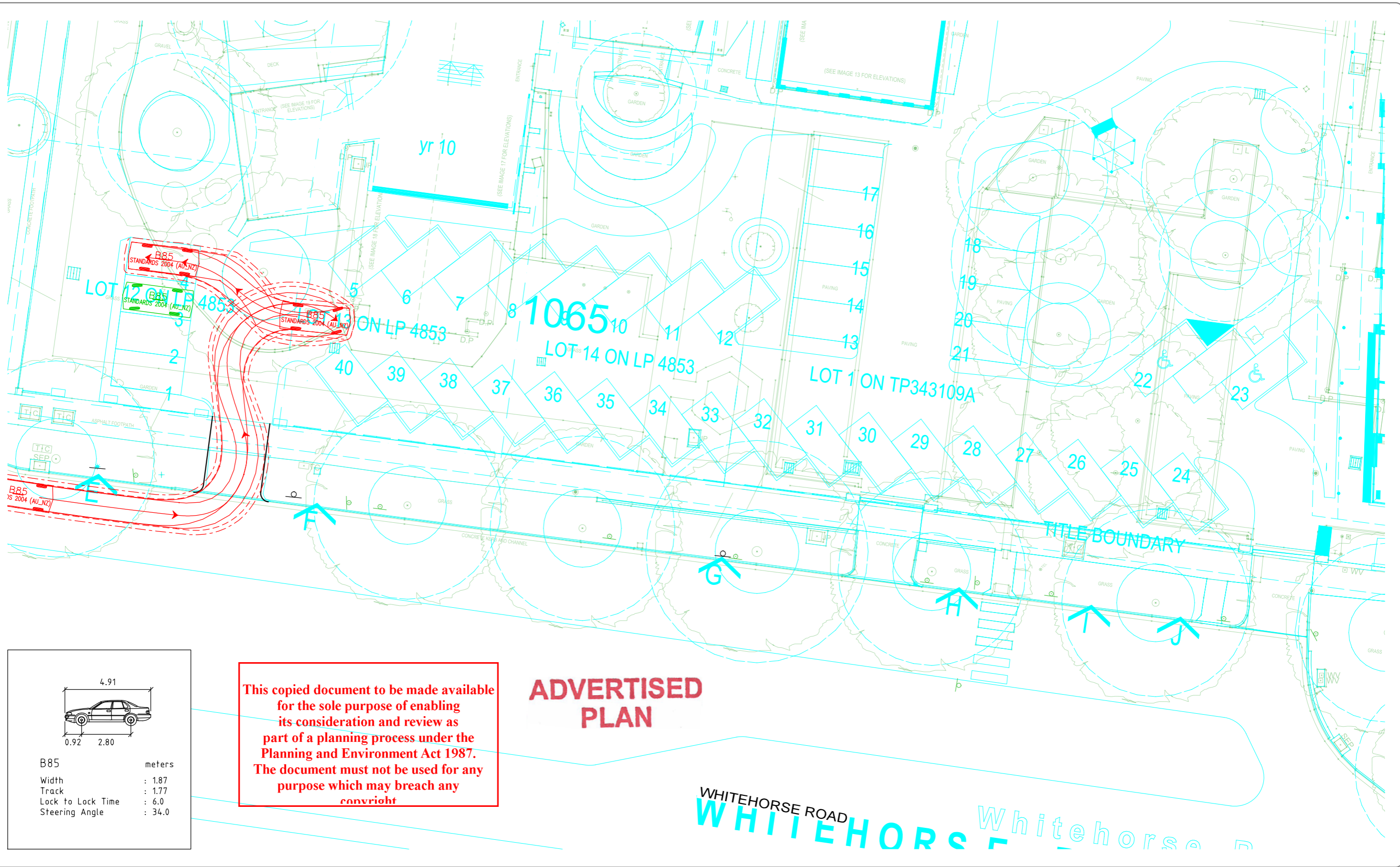
CLIENT
WILLIAM ROSS ARCHITECTS



1065 Whitehorse Road, Box Hill
 Whitehorse City Council

Swept Path Assessment

SHEET NO. 09	DRAWING NO. 201090-SKT-09	ISSUE P6
-----------------	------------------------------	-------------



This copied document to be made available for the sole purpose of enabling its consideration and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any purpose which may breach any copyright

ADVERTISED PLAN

WHITEHORSE ROAD
Whitehorse

4.91
0.92 2.80

B85 meters
Width : 1.87
Track : 1.77
Lock to Lock Time : 6.0
Steering Angle : 34.0

4/04/2022 201090-SKT-10 12:14:57 PM I:\2021 Projects\201090\Design\201090-CTP-01-P6.dgn

Drawing Record				
ISSUE	DRAWN	APP'D	DATE	AMENDMENT
P6	GL	AA	04.04.22	PRELIMINARY ISSUE FOR COMMENT

WARNING
BEWARE OF UNDERGROUND SERVICES
THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

PRELIMINARY PLAN
FOR DISCUSSION PURPOSES ONLY
SUBJECT TO CHANGE WITHOUT NOTIFICATION
DATE OF ISSUE: 04/04/22

Notes & Legend
<ol style="list-style-type: none"> AERIAL IMAGE FROM NEARMAP UNDER LICENSE AGREEMENT WITH TRAFFICWORKS PTY LTD. ALL DIMENSIONS ARE TO FACE OF KERB UNLESS SHOWN OTHERWISE.

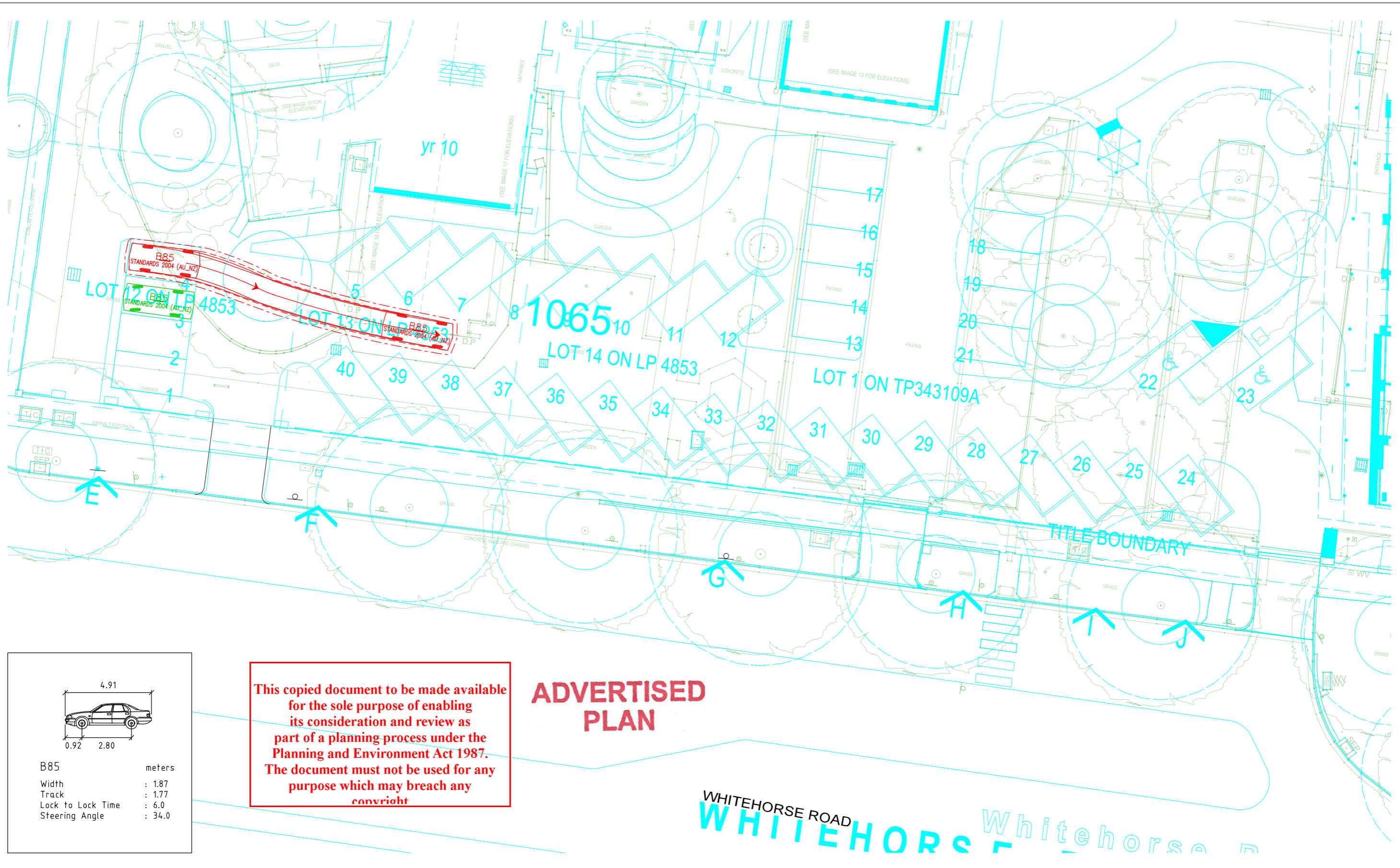
TRAFFICWORKS
PTY LTD

1st Floor 132 Upper Heidelberg Road IVANHOE VIC. 3079
P.O. Box 417 IVANHOE VIC. 3079
Tel (03) 9490 5900 Fax (03) 9490 5910 www.trafficworks.com.au

CLIENT
WILLIAM ROSS ARCHITECTS

SCALE OF METRES
0 2.5 5.0

1065 Whitehorse Road, Box Hill		
Whitehorse City Council		
Swept Path Assessment		
SHEET NO. 10	DRAWING NO. 201090-SKT-10	ISSUE P6



This copied document to be made available for the sole purpose of enabling its consideration and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any purpose which may breach any copyright

ADVERTISED PLAN

WHITEHORSE ROAD
Whitehorse

B85 meters

Width : 1.87
Track : 1.77
Lock to Lock Time : 6.0
Steering Angle : 34.0

4/04/2022 201090-SKT-11 12:15:03 PM I:\2021 Projects\201090\Design\201090-CTP-01-P6.dgn

Drawing Record				
ISSUE	DRAWN	APP'D	DATE	AMENDMENT
P6	GL	AA	04.04.22	PRELIMINARY ISSUE FOR COMMENT

WARNING
BEWARE OF UNDERGROUND SERVICES
THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

PRELIMINARY PLAN
FOR DISCUSSION PURPOSES ONLY
SUBJECT TO CHANGE WITHOUT NOTIFICATION
DATE OF ISSUE: 04/04/22

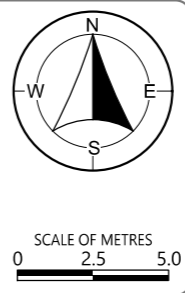
Notes & Legend

- AERIAL IMAGE FROM NEARMAP UNDER LICENSE AGREEMENT WITH TRAFFICWORKS PTY LTD.
- ALL DIMENSIONS ARE TO FACE OF KERB UNLESS SHOWN OTHERWISE.

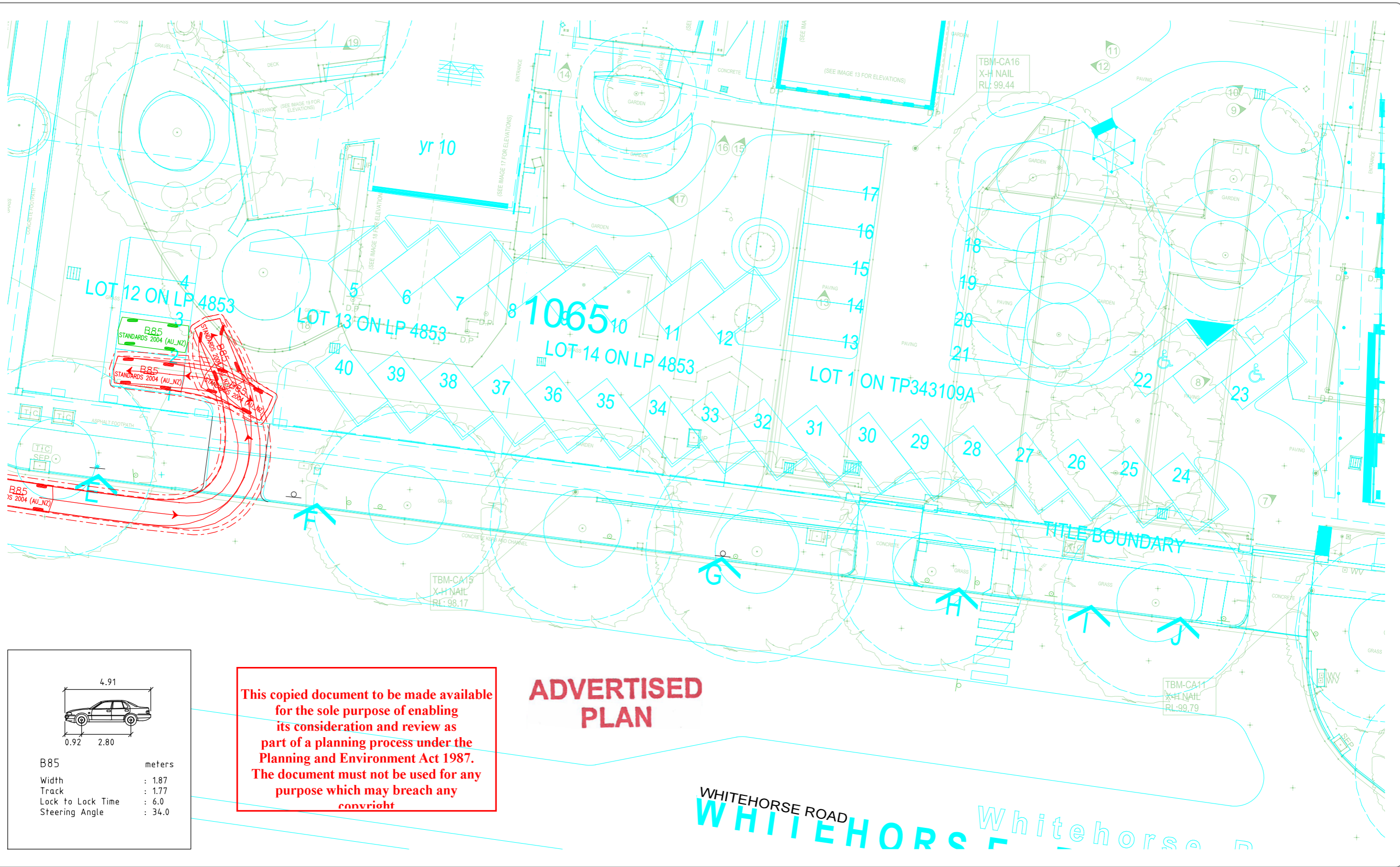
TRAFFICWORKS
PTY LTD

1st Floor 132 Upper Heidelberg Road IVANHOE VIC. 3079
P.O. Box 417 IVANHOE VIC. 3079
Tel (03) 9490 5900 Fax (03) 9490 5910 www.trafficworks.com.au

CLIENT
WILLIAM ROSS ARCHITECTS



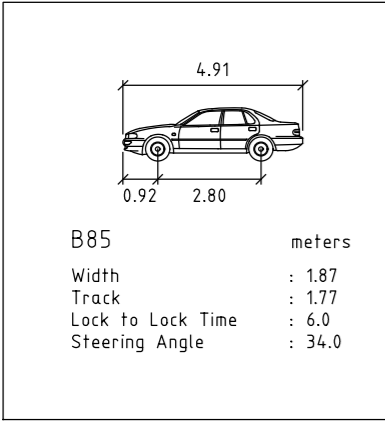
1065 Whitehorse Road, Box Hill		
Whitehorse City Council		
Swept Path Assessment		
SHEET NO. 11	DRAWING NO. 201090-SKT-11	ISSUE P6



This copied document to be made available for the sole purpose of enabling its consideration and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any purpose which may breach any covenant

ADVERTISED PLAN

WHITEHORSE ROAD
Whitehorse



4/04/2022 201090-SKT-12 12:15:13 PM I:\2021 Projects\201090\Design\201090-CTP-01-P6.dgn

Drawing Record				
ISSUE	DRAWN	APP'D	DATE	AMENDMENT
P6	GL	AA	04.04.22	PRELIMINARY ISSUE FOR COMMENT

WARNING
BEWARE OF UNDERGROUND SERVICES
THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

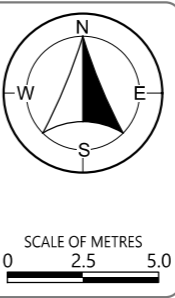
PRELIMINARY PLAN
FOR DISCUSSION PURPOSES ONLY
SUBJECT TO CHANGE WITHOUT NOTIFICATION
DATE OF ISSUE: 04/04/22

Notes & Legend	
<ol style="list-style-type: none"> AERIAL IMAGE FROM NEARMAP UNDER LICENSE AGREEMENT WITH TRAFFICWORKS PTY LTD. ALL DIMENSIONS ARE TO FACE OF KERB UNLESS SHOWN OTHERWISE. 	

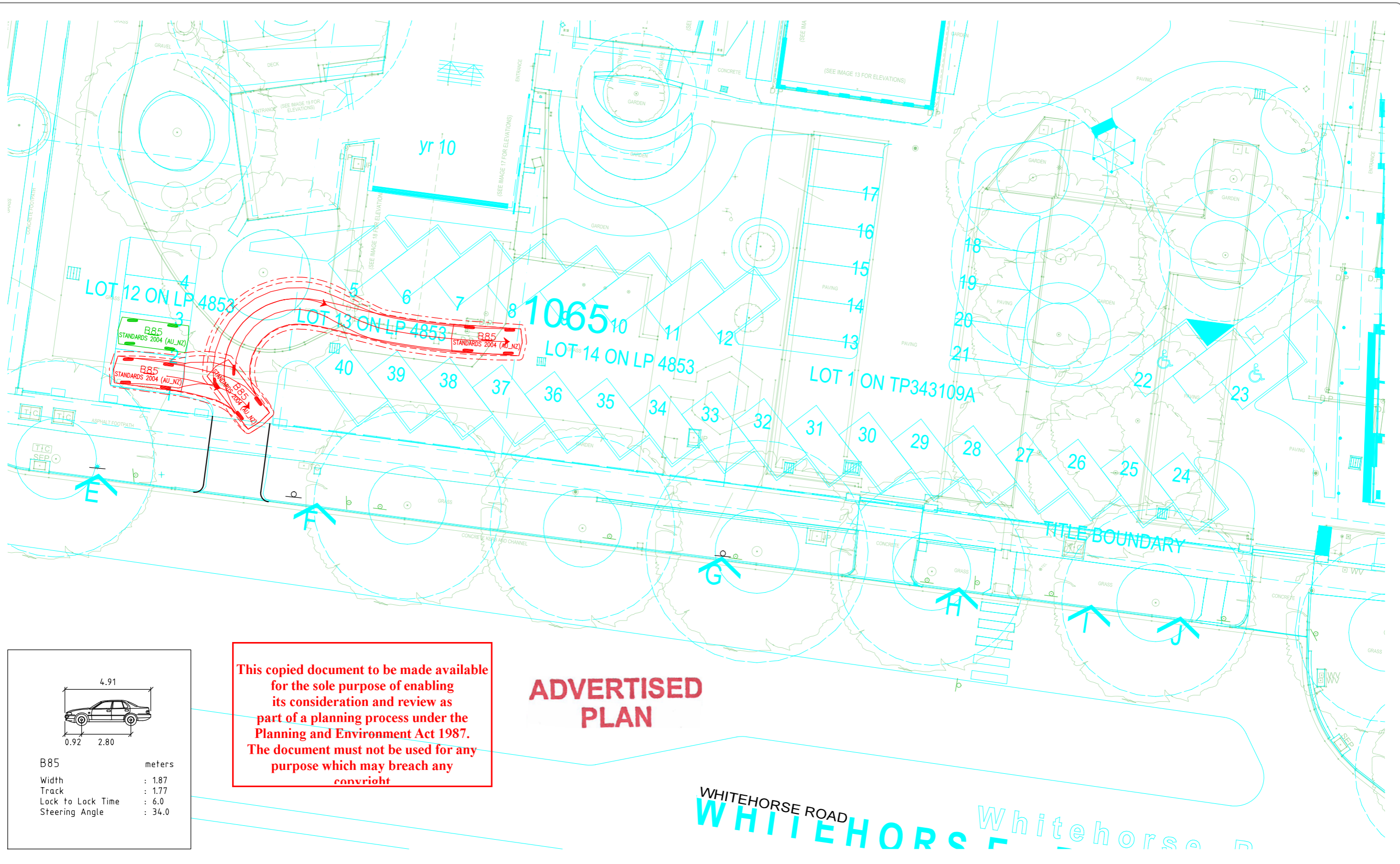
TRAFFICWORKS
PTY LTD

1st Floor 132 Upper Heidelberg Road IVANHOE VIC. 3079
P.O. Box 417 IVANHOE VIC. 3079
Tel (03) 9490 5900 Fax (03) 9490 5910 www.trafficworks.com.au

CLIENT
WILLIAM ROSS ARCHITECTS



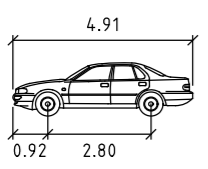
1065 Whitehorse Road, Box Hill		
Whitehorse City Council		
Swept Path Assessment		
SHEET NO. 12	DRAWING NO. 201090-SKT-12	ISSUE P6



This copied document to be made available for the sole purpose of enabling its consideration and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any purpose which may breach any copyright

ADVERTISED PLAN

WHITEHORSE ROAD
Whitehorse



B85 meters
 Width : 1.87
 Track : 1.77
 Lock to Lock Time : 6.0
 Steering Angle : 34.0

4/04/2022 201090-SKT-13 12:15:17 PM I:\2021 Projects\201090\Design\201090-CTP-01-P6.dgn

Drawing Record				
ISSUE	DRAWN	APP'D	DATE	AMENDMENT
P6	GL	AA	04.04.22	PRELIMINARY ISSUE FOR COMMENT

WARNING
 BEWARE OF UNDERGROUND SERVICES
 THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

PRELIMINARY PLAN
 FOR DISCUSSION PURPOSES ONLY
 SUBJECT TO CHANGE WITHOUT NOTIFICATION
 DATE OF ISSUE: 04/04/22

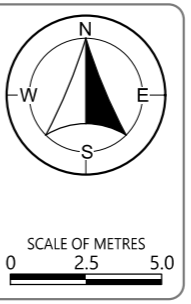
Notes & Legend

- AERIAL IMAGE FROM NEARMAP UNDER LICENSE AGREEMENT WITH TRAFFICWORKS PTY LTD.
- ALL DIMENSIONS ARE TO FACE OF KERB UNLESS SHOWN OTHERWISE.

TRAFFICWORKS
 PTY LTD

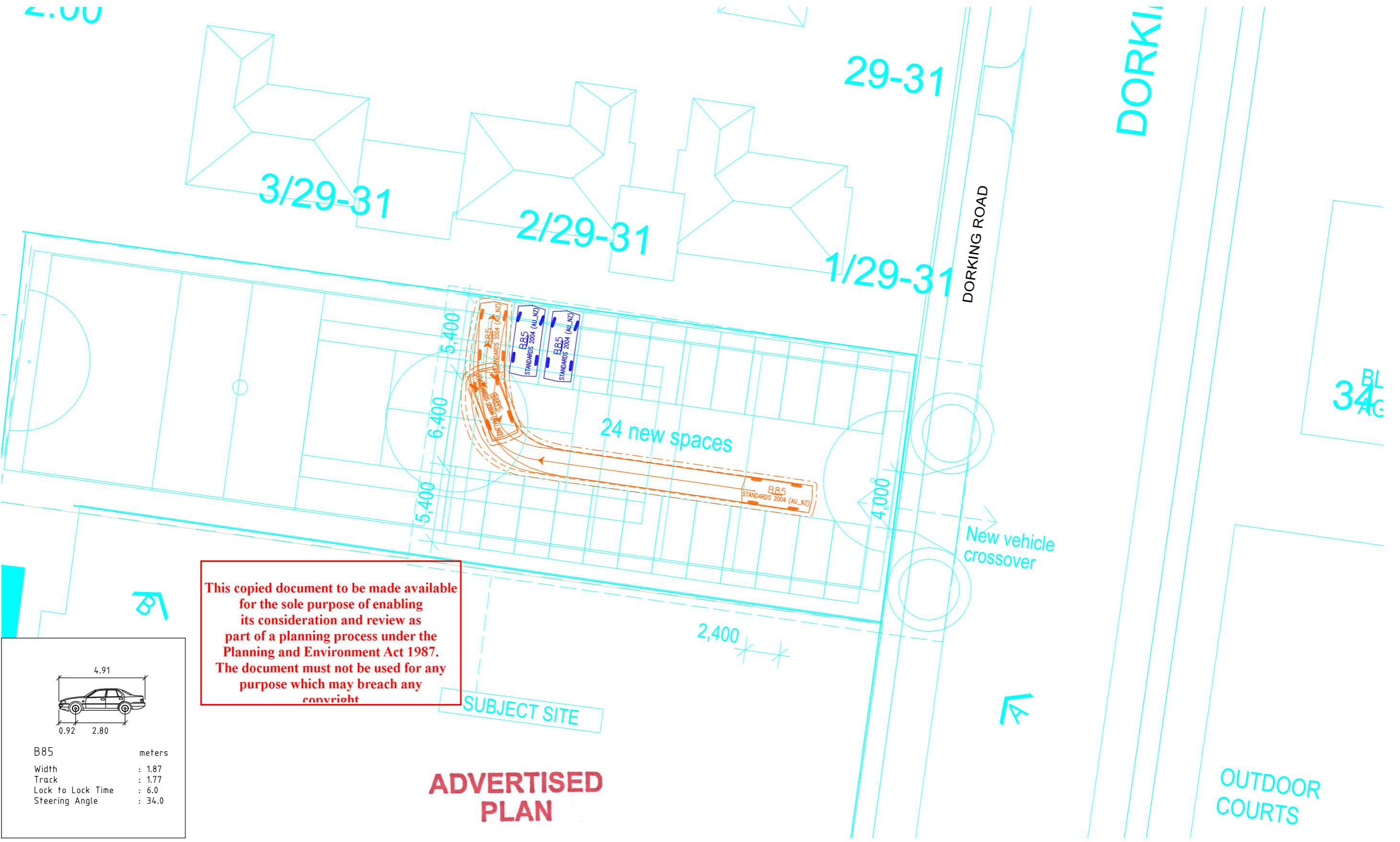
1st Floor 132 Upper Heidelberg Road IVANHOE VIC. 3079
 P.O. Box 417 IVANHOE VIC. 3079
 Tel (03) 9490 5900 Fax (03) 9490 5910 www.trafficworks.com.au

CLIENT
WILLIAM ROSS ARCHITECTS



1065 Whitehorse Road, Box Hill		
Whitehorse City Council		
Swept Path Assessment		
SHEET NO. 13	DRAWING NO. 201090-SKT-13	ISSUE P6

4.00



This copied document to be made available for the sole purpose of enabling its consideration and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any purpose which may breach any copyright

B85 meters

Width : 1.87
Track : 1.77
Lock to Lock Time : 6.0
Steering Angle : 34.0

ADVERTISED PLAN

4/04/2022 201090-SKT-14 12:15:21 PM I:\2021 Projects\201090\Design\201090-CTP-01-P6.dgn

Drawing Record				
ISSUE	DRAWN	APP'D	DATE	AMENDMENT
P6	GL	AA	04.04.22	PRELIMINARY ISSUE FOR COMMENT

WARNING
BEWARE OF UNDERGROUND SERVICES
THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

PRELIMINARY PLAN
FOR DISCUSSION PURPOSES ONLY
SUBJECT TO CHANGE WITHOUT NOTIFICATION
DATE OF ISSUE: 04/04/22

Notes & Legend

- AERIAL IMAGE FROM NEARMAP UNDER LICENSE AGREEMENT WITH TRAFFICWORKS PTY LTD.
- ALL DIMENSIONS ARE TO FACE OF KERB UNLESS SHOWN OTHERWISE.

1st Floor 132 Upper Heidelberg Road IVANHOE VIC. 3079
P.O. Box 417 IVANHOE VIC. 3079
Tel (03) 9490 5900 Fax (03) 9490 5910 www.trafficworks.com.au

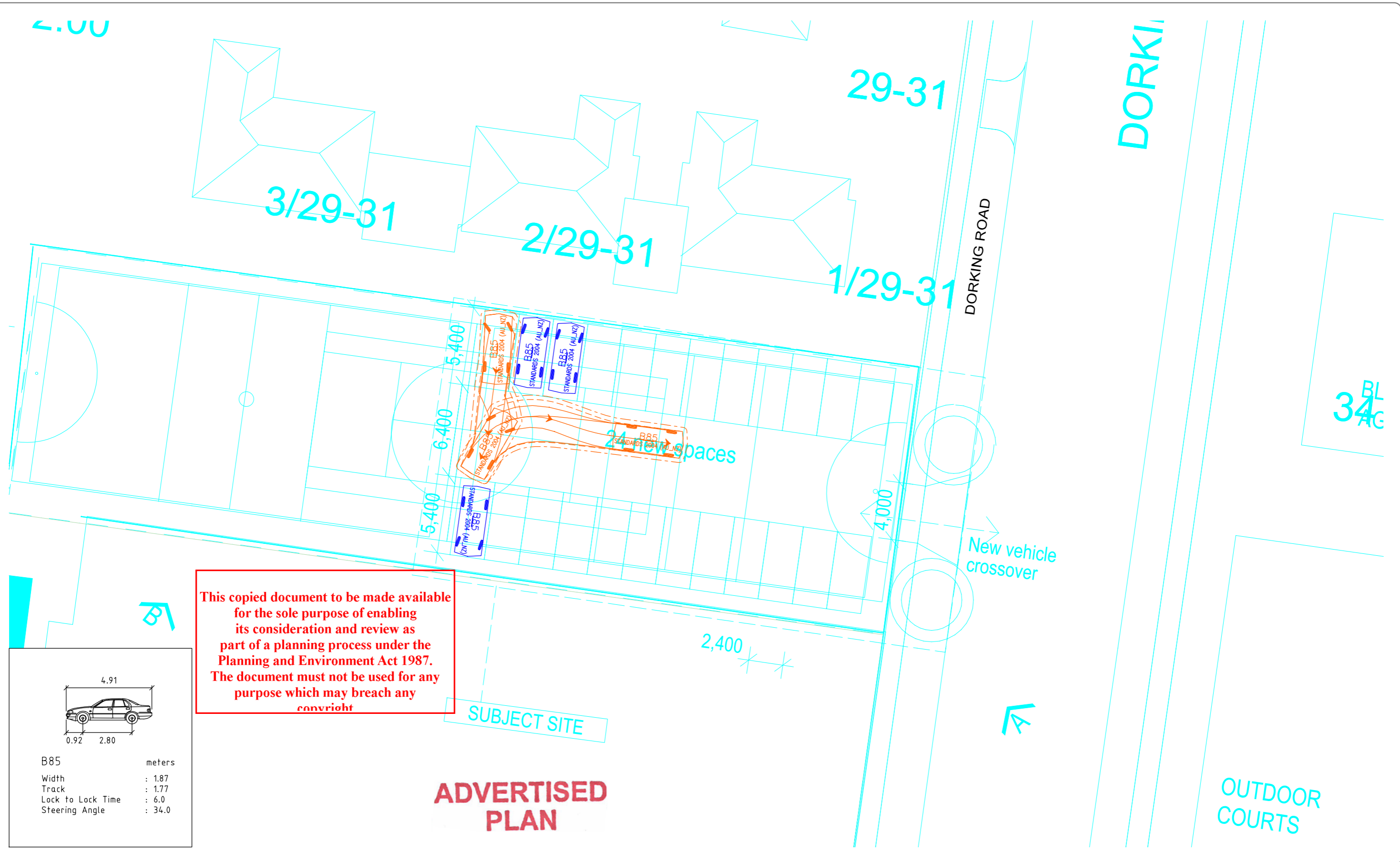
CLIENT

WILLIAM ROSS ARCHITECTS

SCALE OF METRES
0 2.5 5.0

1065 Whitehorse Road, Box Hill		
Whitehorse City Council		
Swept Path Assessment		
SHEET NO.	DRAWING NO.	ISSUE
14	201090-SKT-14	P6

4/04/2022 201090-SKT-15
 12:15:22 PM I:\2021 Projects\201090\Design\201090-CTP-01-P6.dgn



This copied document to be made available for the sole purpose of enabling its consideration and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any purpose which may breach any copyright

B85	meters
Width	: 1.87
Track	: 1.77
Lock to Lock Time	: 6.0
Steering Angle	: 34.0

ADVERTISED PLAN

Drawing Record				
ISSUE	DRAWN	APP'D	DATE	AMENDMENT
P6	GL	AA	04.04.22	PRELIMINARY ISSUE FOR COMMENT

WARNING
 BEWARE OF UNDERGROUND SERVICES
 THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

PRELIMINARY PLAN
 FOR DISCUSSION PURPOSES ONLY
 SUBJECT TO CHANGE WITHOUT NOTIFICATION
 DATE OF ISSUE: 04/04/22

Notes & Legend	
1.	AERIAL IMAGE FROM NEARMAP UNDER LICENSE AGREEMENT WITH TRAFFICWORKS PTY LTD.
2.	ALL DIMENSIONS ARE TO FACE OF KERB UNLESS SHOWN OTHERWISE.

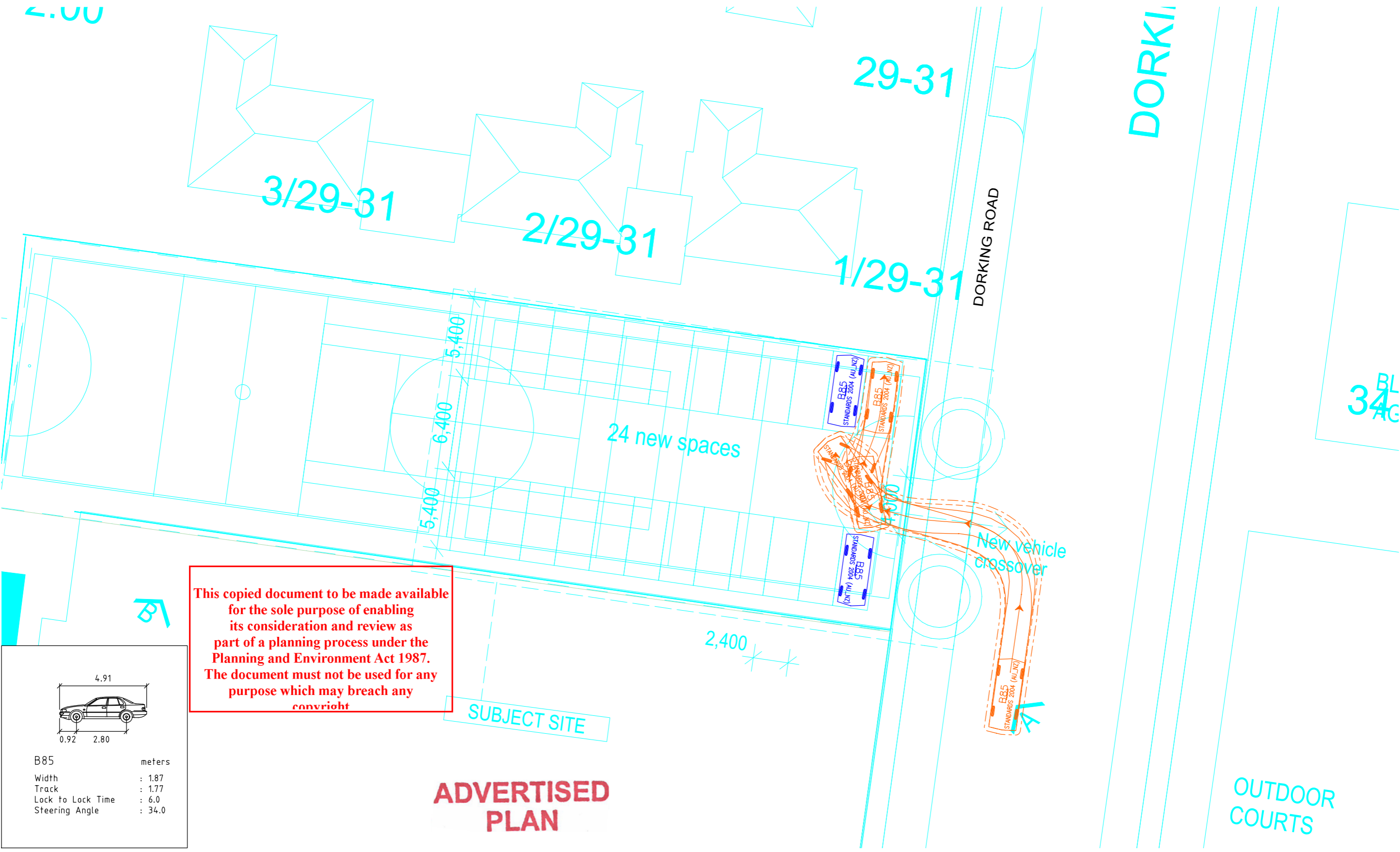
1st Floor 132 Upper Heidelberg Road IVANHOE VIC. 3079
 P.O. Box 417 IVANHOE VIC. 3079
 Tel (03) 9490 5900 Fax (03) 9490 5910 www.trafficworks.com.au

CLIENT
WILLIAM ROSS ARCHITECTS

SCALE OF METRES
 0 2.5 5.0

1065 Whitehorse Road, Box Hill		
Whitehorse City Council		
Swept Path Assessment		
SHEET NO. 15	DRAWING NO. 201090-SKT-15	ISSUE P6

4.00



This copied document to be made available for the sole purpose of enabling its consideration and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any purpose which may breach any copyright

B85 meters

Width : 4.91
Track : 2.80
Lock to Lock Time : 0.92
Steering Angle : 34.0

ADVERTISED PLAN

4/04/2022 2:00:00 PM I:\2021 Projects\201090\Design\201090-CTP-01-P6.dgn

Drawing Record				
ISSUE	DRAWN	APP'D	DATE	AMENDMENT
P6	GL	AA	04.04.22	PRELIMINARY ISSUE FOR COMMENT

WARNING
BEWARE OF UNDERGROUND SERVICES
THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

PRELIMINARY PLAN
FOR DISCUSSION PURPOSES ONLY
SUBJECT TO CHANGE WITHOUT NOTIFICATION
DATE OF ISSUE: 04/04/22

Notes & Legend

- AERIAL IMAGE FROM NEARMAP UNDER LICENSE AGREEMENT WITH TRAFFICWORKS PTY LTD.
- ALL DIMENSIONS ARE TO FACE OF KERB UNLESS SHOWN OTHERWISE.

TRAFFICWORKS PTY LTD

1st Floor 132 Upper Heidelberg Road IVANHOE VIC. 3079
P.O. Box 417 IVANHOE VIC. 3079
Tel (03) 9490 5900 Fax (03) 9490 5910 www.trafficworks.com.au

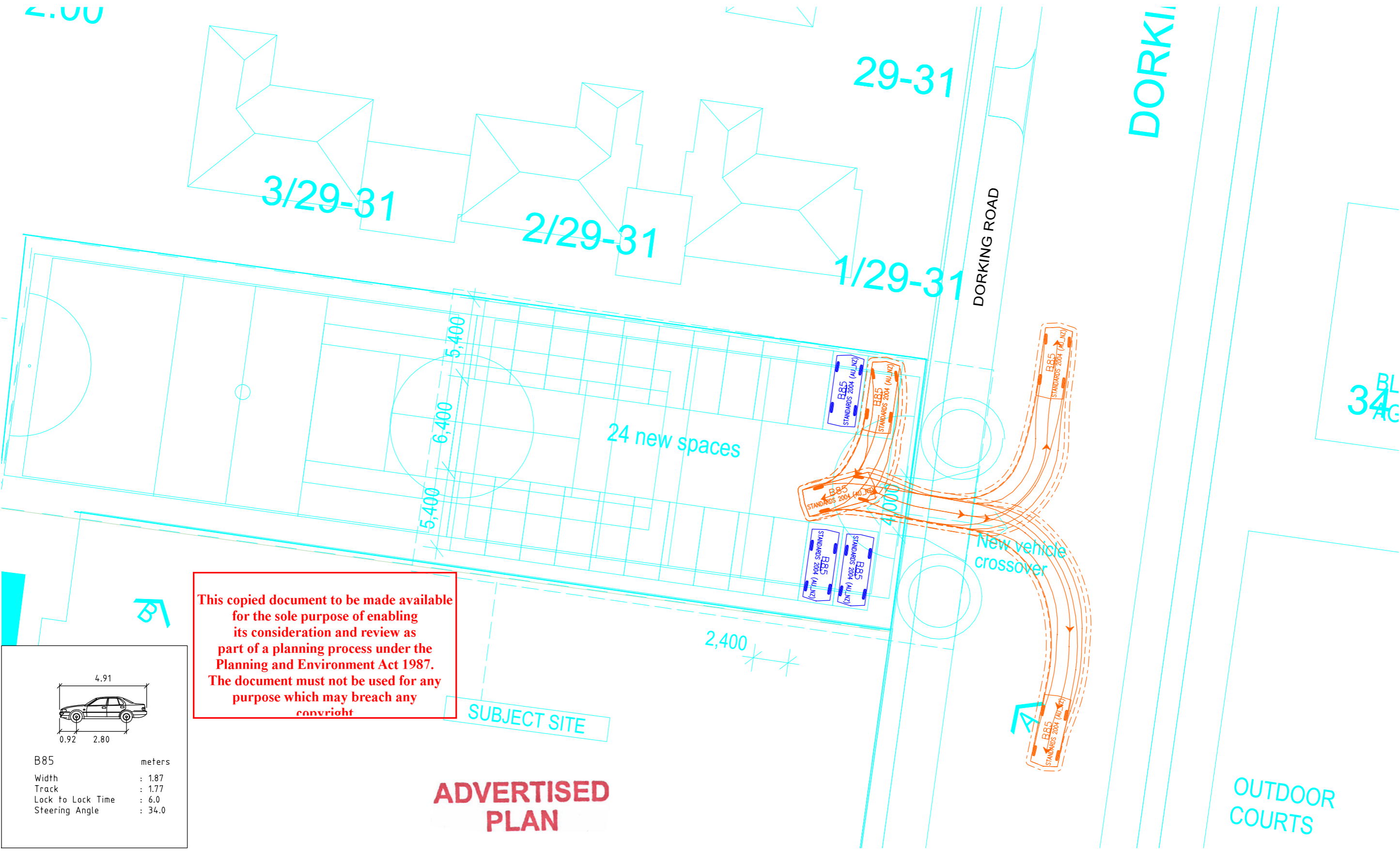
CLIENT
WILLIAM ROSS ARCHITECTS

1065 Whitehorse Road, Box Hill
Whitehorse City Council

Swept Path Assessment

SHEET NO. 16	DRAWING NO. 201090-SKT-16	ISSUE P6
--------------	---------------------------	----------

4.00



This copied document to be made available for the sole purpose of enabling its consideration and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any purpose which may breach any copyright

B85 meters

Width : 1.87
Track : 1.77
Lock to Lock Time : 6.0
Steering Angle : 34.0

ADVERTISED PLAN

4/04/2022 201090-SKT-17 12:15:24 PM I:\2021 Projects\201090\Design\201090-CTP-01-P6.dgn

Drawing Record				
ISSUE	DRAWN	APP'D	DATE	AMENDMENT
P6	GL	AA	04.04.22	PRELIMINARY ISSUE FOR COMMENT

WARNING
BEWARE OF UNDERGROUND SERVICES
THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

PRELIMINARY PLAN
FOR DISCUSSION PURPOSES ONLY
SUBJECT TO CHANGE WITHOUT NOTIFICATION
DATE OF ISSUE: 04/04/22

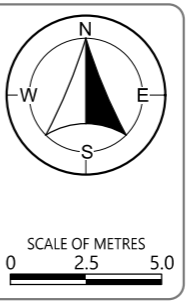
Notes & Legend

- AERIAL IMAGE FROM NEARMAP UNDER LICENSE AGREEMENT WITH TRAFFICWORKS PTY LTD.
- ALL DIMENSIONS ARE TO FACE OF KERB UNLESS SHOWN OTHERWISE.

TRAFFICWORKS
PTY LTD

1st Floor 132 Upper Heidelberg Road IVANHOE VIC. 3079
P.O. Box 417 IVANHOE VIC. 3079
Tel (03) 9490 5900 Fax (03) 9490 5910 www.trafficworks.com.au

CLIENT
WILLIAM ROSS ARCHITECTS

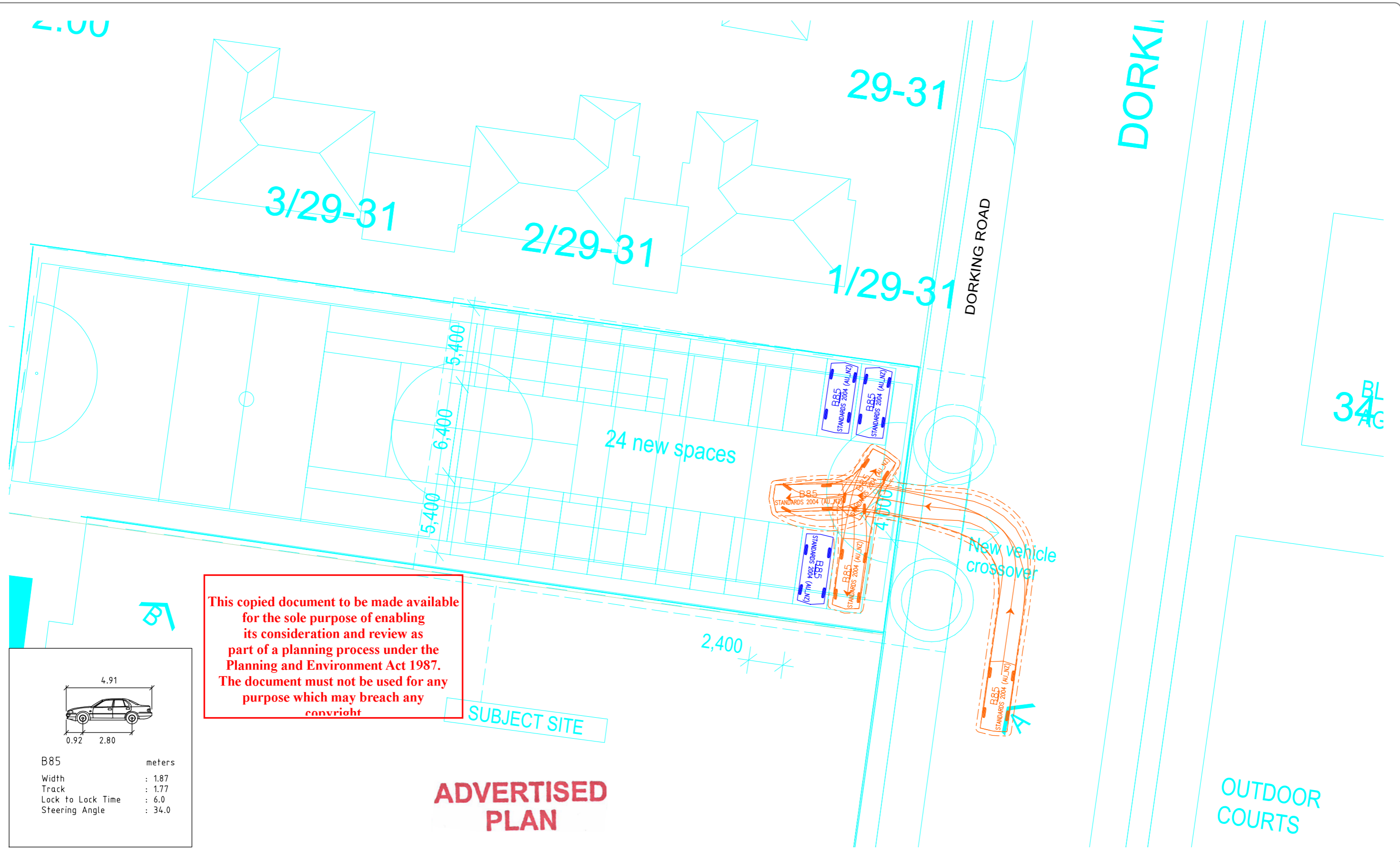


1065 Whitehorse Road, Box Hill
Whitehorse City Council

Swept Path Assessment

SHEET NO. 17	DRAWING NO. 201090-SKT-17	ISSUE P6
-----------------	------------------------------	-------------

4/04/2022 201090-SKT-18
 12:15:24 PM I:\2021 Projects\201090\Design\201090-CTP-01-P6.dgn



This copied document to be made available for the sole purpose of enabling its consideration and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any purpose which may breach any copyright

B85 meters

Width : 1.87
 Track : 1.77
 Lock to Lock Time : 6.0
 Steering Angle : 34.0

ADVERTISED PLAN

Drawing Record				
ISSUE	DRAWN	APP'D	DATE	AMENDMENT
P6	GL	AA	04.04.22	PRELIMINARY ISSUE FOR COMMENT

WARNING
 BEWARE OF UNDERGROUND SERVICES
 THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

PRELIMINARY PLAN
 FOR DISCUSSION PURPOSES ONLY
 SUBJECT TO CHANGE WITHOUT NOTIFICATION
 DATE OF ISSUE: 04/04/22

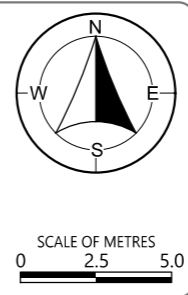
Notes & Legend

- AERIAL IMAGE FROM NEARMAP UNDER LICENSE AGREEMENT WITH TRAFFICWORKS PTY LTD.
- ALL DIMENSIONS ARE TO FACE OF KERB UNLESS SHOWN OTHERWISE.

TRAFFICWORKS
 PTY LTD

1st Floor 132 Upper Heidelberg Road IVANHOE VIC. 3079
 P.O. Box 417 IVANHOE VIC. 3079
 Tel (03) 9490 5900 Fax (03) 9490 5910 www.trafficworks.com.au

CLIENT
WILLIAM ROSS ARCHITECTS

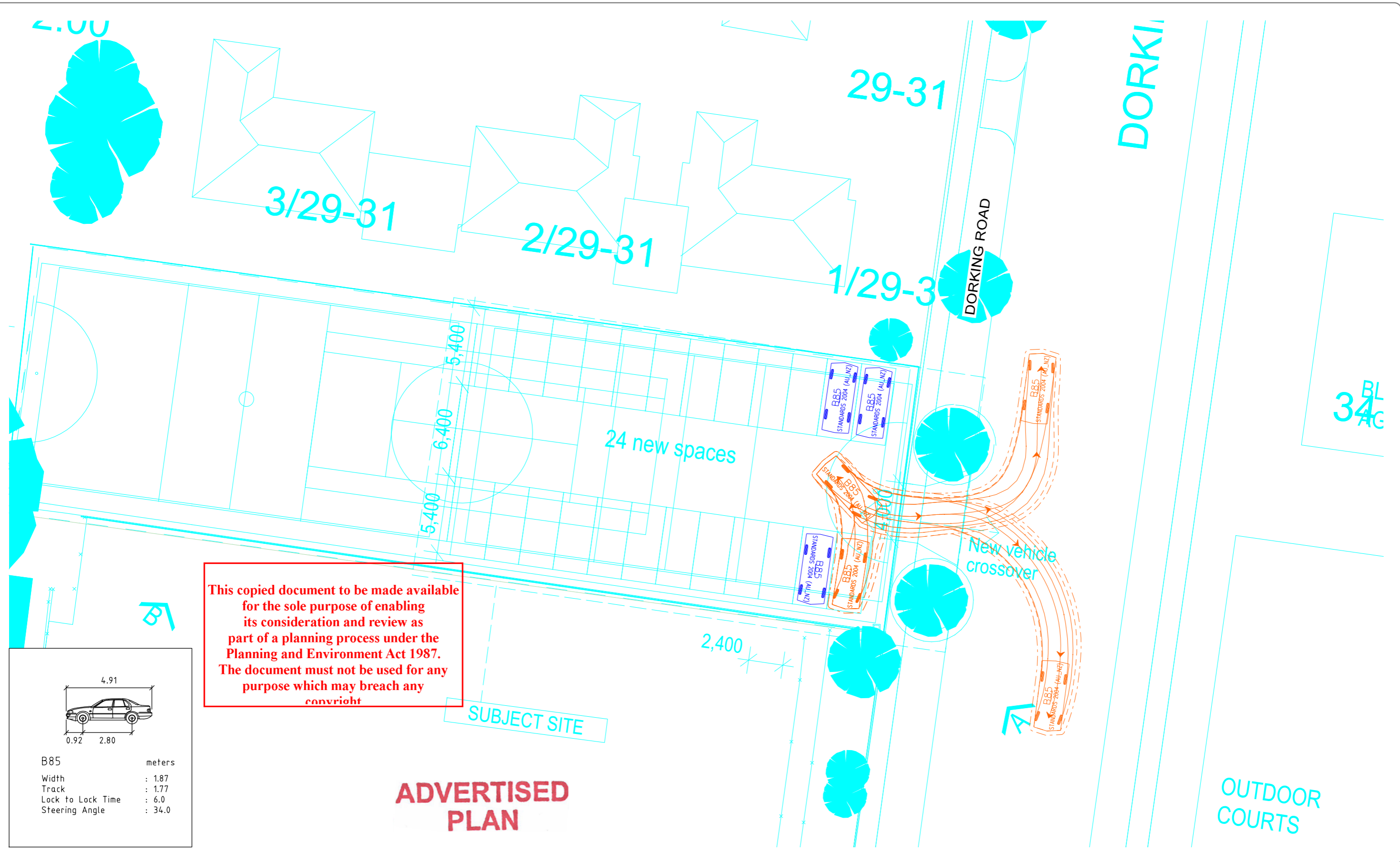


1065 Whitehorse Road, Box Hill
 Whitehorse City Council

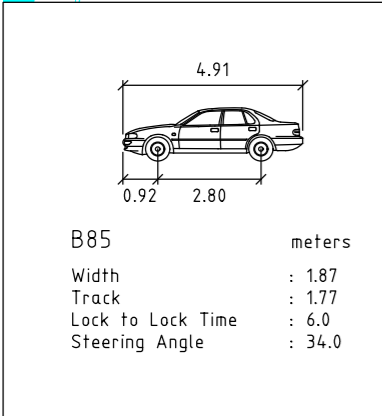
Swept Path Assessment

SHEET NO. 18	DRAWING NO. 201090-SKT-18	ISSUE P6
-----------------	------------------------------	-------------

4/04/2022 201090-SKT-19
 12:15:30 PM I:\2021 Projects\201090\Design\201090-CTP-01-P6.dgn



This copied document to be made available for the sole purpose of enabling its consideration and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any purpose which may breach any copyright



ADVERTISED PLAN

Drawing Record				
ISSUE	DRAWN	APP'D	DATE	AMENDMENT
P6	GL	AA	04.04.22	PRELIMINARY ISSUE FOR COMMENT

WARNING
 BEWARE OF UNDERGROUND SERVICES
 THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

PRELIMINARY PLAN
 FOR DISCUSSION PURPOSES ONLY
 SUBJECT TO CHANGE WITHOUT NOTIFICATION
 DATE OF ISSUE: 04/04/22

Notes & Legend

- AERIAL IMAGE FROM NEARMAP UNDER LICENSE AGREEMENT WITH TRAFFICWORKS PTY LTD.
- ALL DIMENSIONS ARE TO FACE OF KERB UNLESS SHOWN OTHERWISE.

1st Floor 132 Upper Heidelberg Road IVANHOE VIC. 3079
 P.O. Box 417 IVANHOE VIC. 3079
 Tel (03) 9490 5900 Fax (03) 9490 5910 www.trafficworks.com.au

CLIENT
WILLIAM ROSS ARCHITECTS

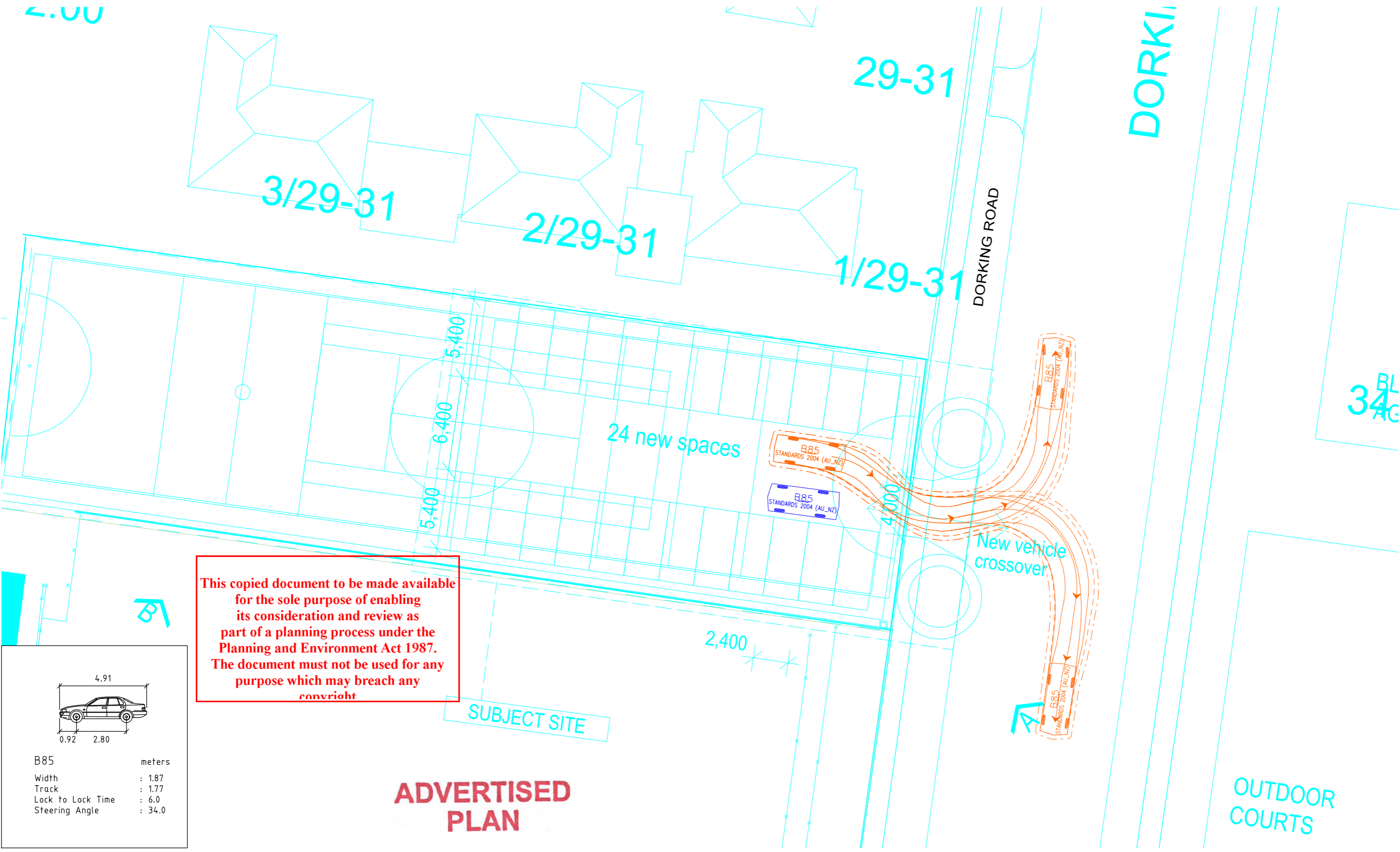
SCALE OF METRES
 0 2.5 5.0

1065 Whitehorse Road, Box Hill
 Whitehorse City Council

Swept Path Assessment

SHEET NO. 19	DRAWING NO. 201090-SKT-19	ISSUE P6
-----------------	------------------------------	-------------

4.00



This copied document to be made available for the sole purpose of enabling its consideration and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any purpose which may breach any copyright

B85 meters

Width : 1.87
Track : 1.77
Lock to Lock Time : 6.0
Steering Angle : 34.0

ADVERTISED PLAN

4/04/2022 201090-SKT-21 12:15:33 PM I:\2021 Projects\201090\Design\201090-CTP-01-P6.dgn

Drawing Record				
ISSUE	DRAWN	APP'D	DATE	AMENDMENT
P6	GL	AA	04.04.22	PRELIMINARY ISSUE FOR COMMENT

WARNING
BEWARE OF UNDERGROUND SERVICES
THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

PRELIMINARY PLAN
FOR DISCUSSION PURPOSES ONLY
SUBJECT TO CHANGE WITHOUT NOTIFICATION
DATE OF ISSUE: 04/04/22

Notes & Legend

- AERIAL IMAGE FROM NEARMAP UNDER LICENSE AGREEMENT WITH TRAFFICWORKS PTY LTD.
- ALL DIMENSIONS ARE TO FACE OF KERB UNLESS SHOWN OTHERWISE.

1st Floor 132 Upper Heidelberg Road IVANHOE VIC. 3079
P.O. Box 417 IVANHOE VIC. 3079
Tel (03) 9490 5900 Fax (03) 9490 5910 www.trafficworks.com.au

CLIENT

WILLIAM ROSS ARCHITECTS

SCALE OF METRES
0 2.5 5.0

1065 Whitehorse Road, Box Hill
Whitehorse City Council

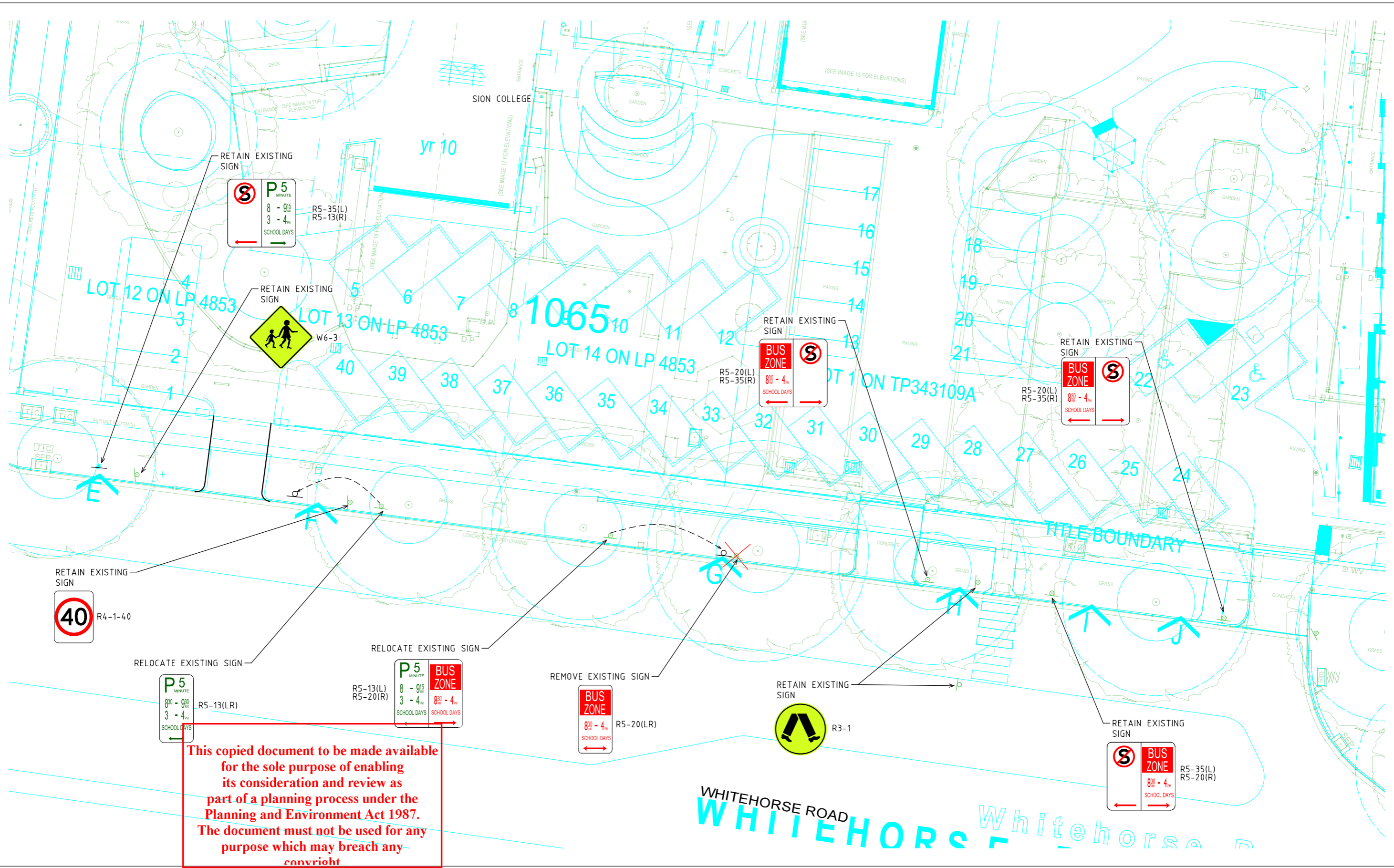
Swept Path Assessment

SHEET NO. 21	DRAWING NO. 201090-SKT-21	ISSUE P6
-----------------	------------------------------	-------------

ATTACHMENT C – SIGNAGE CONCEPT PLAN

ADVERTISED PLAN

This copied document to be made available for the sole purpose of enabling its consideration and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any purpose which may breach any copyright



This copied document to be made available for the sole purpose of enabling its consideration and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any purpose which may breach any copyright

4/04/2022 2:00:00 PM T:\2021 Projects\201090\Design\201090-CTP-01-P6.dgn

Drawing Record				
ISSUE	DRAWN	APP'D	DATE	AMENDMENT
P6	GL	AA	04.04.22	PRELIMINARY ISSUE FOR COMMENT

WARNING
BEWARE OF UNDERGROUND SERVICES
THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

PRELIMINARY PLAN
FOR DISCUSSION PURPOSES ONLY
SUBJECT TO CHANGE WITHOUT NOTIFICATION
DATE OF ISSUE: 04/04/22

Notes & Legend

- AERIAL IMAGE FROM NEARMAP UNDER LICENSE AGREEMENT WITH TRAFFICWORKS PTY LTD.
- ALL DIMENSIONS ARE TO FACE OF KERB UNLESS SHOWN OTHERWISE.

ADVERTISED PLAN

1st Floor 132 Upper Heidelberg Road IVANHOE VIC. 3079
P.O. Box 417 IVANHOE VIC. 3079
Tel (03) 9490 5900 Fax (03) 9490 5910 www.trafficworks.com.au

CLIENT
WILLIAM ROSS ARCHITECTS

SCALE OF METRES
0 2.5 5.0

1065 Whitehorse Road, Box Hill
Whitehorse City Council

Signage Plan

SHEET NO. 2	DRAWING NO. 201090-CTP-02	ISSUE P6
----------------	------------------------------	-------------

**This copied document to be made available
for the sole purpose of enabling
its consideration and review as
part of a planning process under the
Planning and Environment Act 1987.
The document must not be used for any
purpose which may breach any
copyright**

ADVERTISED PLAN