



**A Cultural Bridge:  
Revitalising Palmer Street**

Blur Architecture | 23/11/2022

### **Acknowledgements**

This strategy has been prepared with the support of the staff of Blur Architecture. Special thanks also to Longmore Landscape Architecture and Trafficworks for their contributions.

Blur acknowledges the Wurundjeri people of the Kulin Nation, upon whose land we operate. We pay our respects to their Elders, past, present and emerging.



## Executive Summary

---

Much has been written in recent times about the importance of the public realm in light of the COVID-19 pandemic and the need for adequate active and passive recreation spaces. This however, has served only to exacerbate an underlying issue in that much of our urban landscape has prioritised the car over the pedestrian. What if we were to turn the tables and create spaces that provided a safe and attractive place for people to walk, sit or gather?

This document proposes just that - and outlines a streetscape revitalisation strategy for Palmer Street in Fitzroy. Palmer Street is an east-west street that connects Brunswick Street through to the Melbourne Museum and presents a unique opportunity to create a mid-block connection that bridges together a number of cultural landmarks.

**We invite the City of Yarra to facilitate this project.**

# Background

---

The City of Yarra prepared an Open Space Strategy in 2020. On the back of extensive survey data, the Strategy seeks to set out preferred locations for new open space and improvements to the existing open space network to improve amenity for both residents and visitors.

In addition to this Strategy, the City of Yarra more recently developed the Brunswick Street Masterplan, which outlines a number of civic and streetscape enhancement projects to revitalise the area.

Notably, both documents did not propose any works within Palmer Street.

## Why Palmer Street?

As detailed in Figure 1 and 2, Palmer Street is a mid-block connection that ties Nicholson Street (west) through to Brunswick Street (east). The existing traffic/landscape island within Palmer Street prevents vehicle connectivity and lends itself to pedestrian and cyclist usage. Flanked by the Melbourne Museum and the iconic Social Housing buildings, Palmer Street ties together two cultural landmarks in a way that is not currently recognised.

With the Ursula Frayne Memorial Chapel, the Brotherhood of St Laurence and the Fitzroy Mosque also located along Palmer Street, there is an opportunity to create a 'cultural bridge' that improves pedestrian connectivity within the City of Yarra. Underpinned by this layering of cultural diversity, Palmer Street also ties together the Carlton Gardens (west) and Atherton Gardens/Reserve (east) - providing municipal-wide benefits in improving links to larger open space areas.







Figure 1: Site Context



**LEGEND**

- ..... NARROW FOOTPATH
- ← - - HIGH FOOT TRAFFIC
- ⚡ TRAFFIC NOISE
- ← SIGHTLINES
- SHOPPING STRIP
- PLACES OF SIGNIFICANCE
- FOCUS AREAS



**Figure 2: Site Analysis**



A review of Council's existing strategic work provides a strong basis for streetscape enhancement projects such as this, and key findings are summarised below.

### **Open Space Strategy:**

The top three values for open space across the municipality are: trees (73%), a place to relax and unwind (70%) and the feeling of space (61%);

On a daily basis, local streets for exercise are the most frequently used open space, with some of the most frequently used facilities being walking paths (80%) and seating (68%). This was reinforced within the findings for Fitzroy specifically, with most exercise taking place in the form of jogging and cycling;

Residents saw that being outside was a key to health and wellbeing and, after the importance of trees, most values centred on the belief that open spaces are places to relax and unwind, escape the city and the traffic, and enjoy the feeling of space.

Trees and shade were recognised as being highly important, with respondents aware that trees and vegetation are required to help reduce the heat island effect.

Safe connected routes can help encourage cycling as a mode of transport and make cycling more accessible for children.

Fitzroy residents also valued the accessibility of open space at a much higher rate than the municipal average and also identified garden beds, flowers and the quiet are also of high importance.

### **Brunswick Street Masterplan:**

- More greenery - trees and shade, planter boxes, vertical greenery, garden beds.
- Friendlier, safer, and more accessible footpaths for pedestrians.
- More places to sit and gather.
- More public art.
- Improved safety, particularly at night.
- More bins and street cleaning.

Within this context, there is clear support for the revitalisation of Palmer Street and the project will bring together a range of disjointed cultural facilities through a cohesive streetscape enhancement project.

# Precedents

---

The City of Yarra is home to a number of similar types of projects and examples are provided below. This proposal seeks to build upon these examples.

## **Kerr Street**

A new seating space for the corner of Kerr & Brunswick Street.

## **Otter Street**

Proposed road discontinuance to introduce a park.

## **Rose Street**

Turning Rose Street into a shared zone with pocket parks, seating and art installations.



**Figure 3:** Precedent Examples and Locations

# Proposal

---

This streetscape enhancement project seeks to build on the findings within both the Open Space Strategy and Brunswick Street Masterplan to recognise an opportunity to create an east-west pedestrian connection.

It is proposed that the project is delivered in two key stages; being:

- Stage 1: Palmer Street, east (between Fitzroy Street and Brunswick Street); and
- Stage 2: Palmer Street, west (between Nicholson Street and Fitzroy Street).

This document deals with Stage 1 and forms the basis of future works in Stage 2. The traffic analysis attached to this report also outlines how car parking within Stage 2 could be altered with no change to the existing parking provisions.

Stage 1 works are focused on providing a dedicated shared space that prioritises pedestrian connectivity and delivers improved landscape, seating, street art and Water Sensitive Urban Design (WSUD) opportunities - see Figures 4, 5 and 6 over. Further detailed plans can be found in Attachment A.



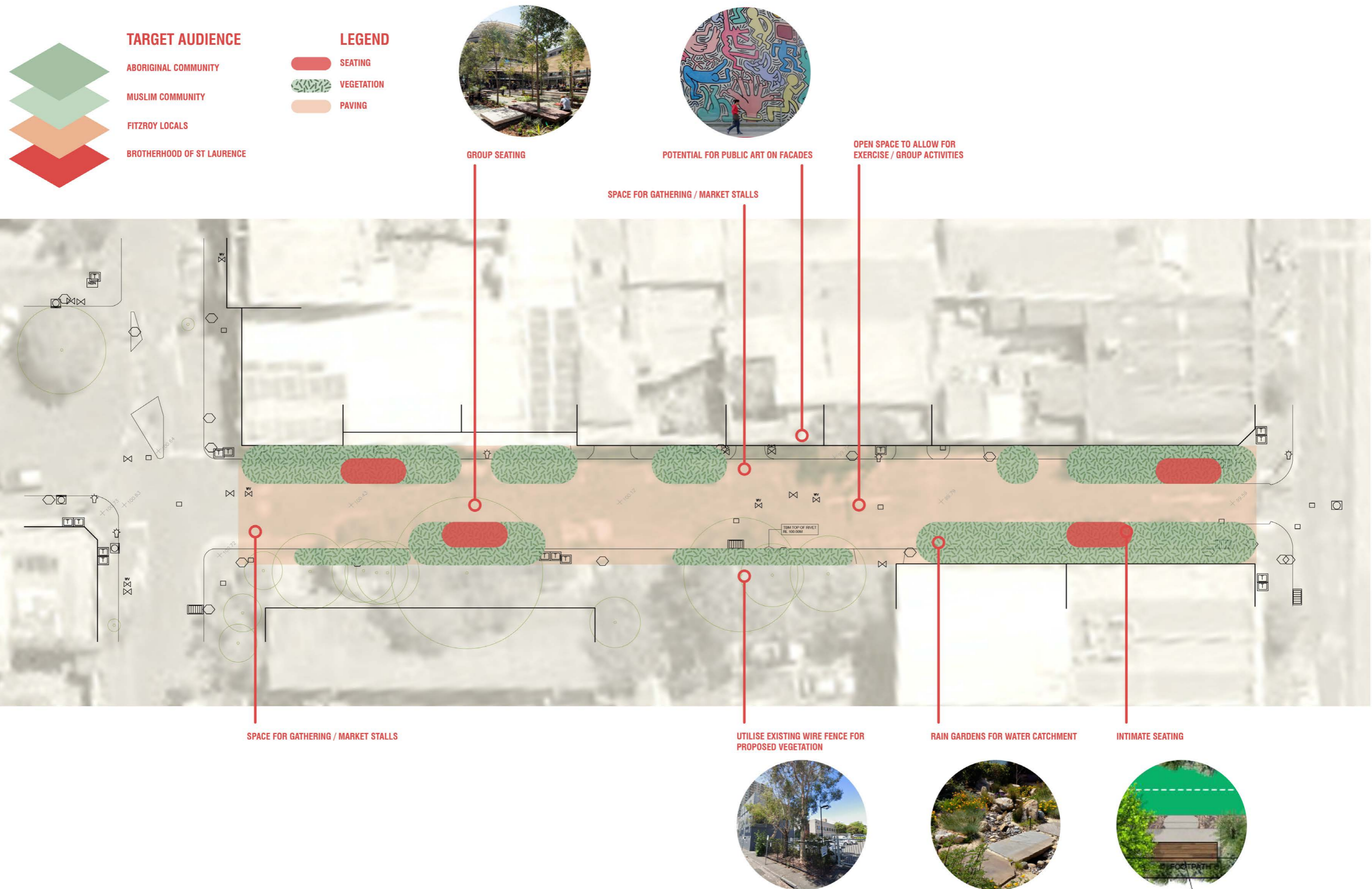


Figure 4: Stage 1 Proposal





**Figure 5:** View from Brunswick Street

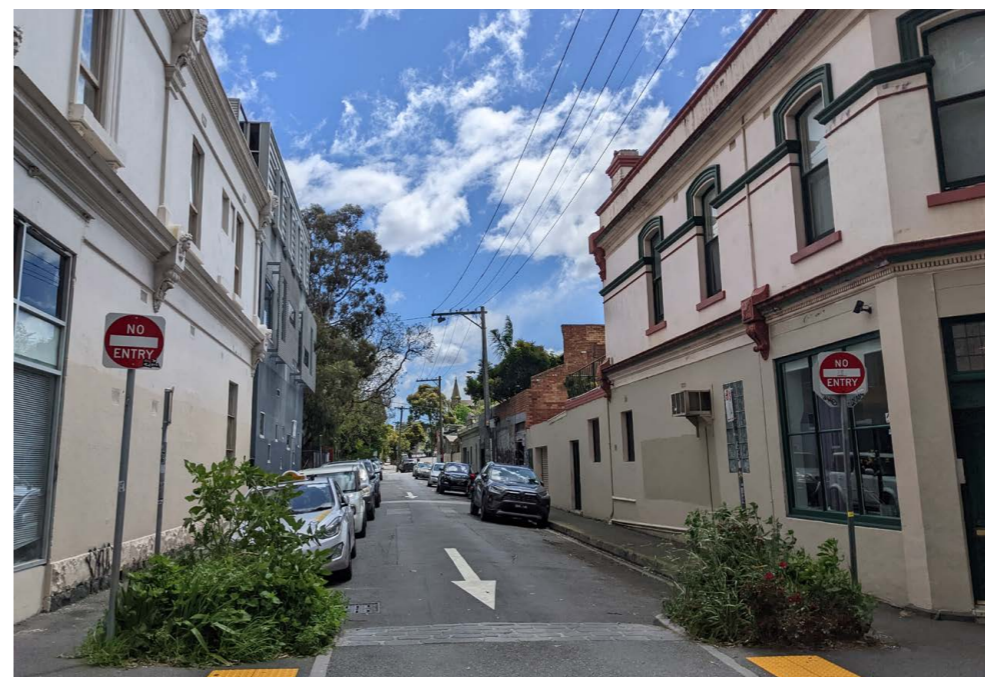






Figure 6: View from Fitzroy Street





## Next Steps

---

This document invites the City of Yarra to take a lead role in recognising an opportunity to deliver the Palmer Street 'Cultural Bridge.' This document forms the basis of a masterplan and provides a suggested design outcome that can be adopted by Council and provides a range of municipal-wide benefits.

Prior to formal delivery of the proposed works, it is suggested to create a 'soft implementation' of the project by utilising temporary measures such as planter boxes and movable furniture to introduce the concept to the community and assess use patterns to refine the project scope.

A final master plan can then be prepared and costed, for implementation by Council.

**blur**

(03) 9486 0154

[info@blurarchitecture.com](mailto:info@blurarchitecture.com)

Studio 3

64 Johnston Street

Collingwood VIC 3066

# Attachment A

---

Landscape Concept Plan  
by Longmore Landscape Architecture



# PALMER STREET UPGRADE

## LANDSCAPE WORKS



1  
011 OVERALL LANDSCAPE  
SCALE N.T.S



DO NOT SCALE - USE WRITTEN DIMENSIONS ONLY  
 THIS WORK IS COPYRIGHT & CANNOT BE REPRODUCED OR COPIED IN ANY FORM OR BY ANY MEANS (GRAPHIC, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPIING) WITHOUT THE WRITTEN PERMISSION OF LONGMORE LANDSCAPE ARCHITECTS. ALL RIGHTS RESERVED.  
 ANY LICENCE TO USE THIS DOCUMENT FOR ANY PURPOSE WHATSOEVER IS RESTRICTED TO THE TERMS OF THE AGREEMENT BETWEEN LONGMORE LANDSCAPE ARCHITECTS AND THE INSTRUCTING PARTY.

MELBOURNE 0448 952323  
 www.longmorela.com office@longmorela.com

C:\Users\offic\OneDrive\Documents\LONGMORE\20037\_Palmer St, Fitzroy\LLA - Palmer St\_Working File.dwg



**LONGMORE landscape architects**

| Revisions | NO.      | DATE           | AMENDMENTS |
|-----------|----------|----------------|------------|
| A         | 24/09/22 | PRELIM. DESIGN |            |

EXTERNAL REFERENCES:  
 .  
 .

PROJECT  
 PALMER ST, FITZROY

DRAWING  
 LANDSCAPE PLAN

AUT  
 DC

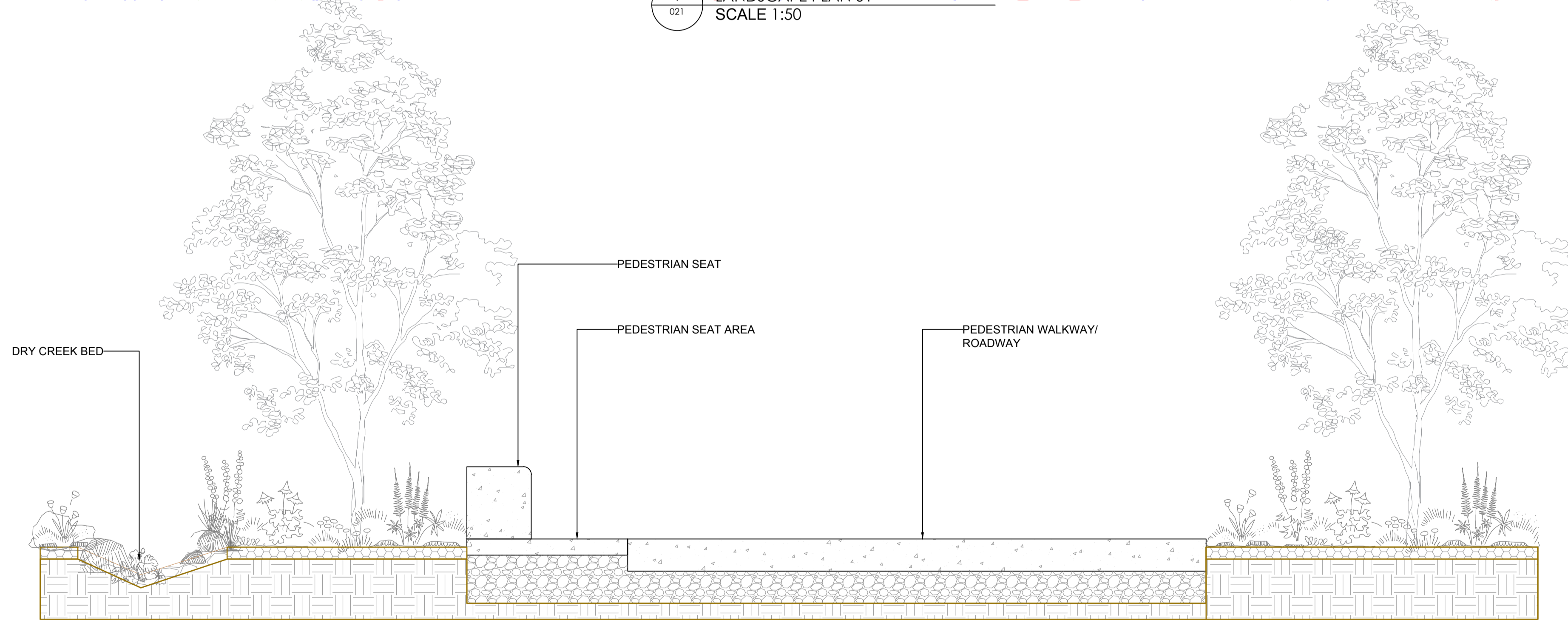
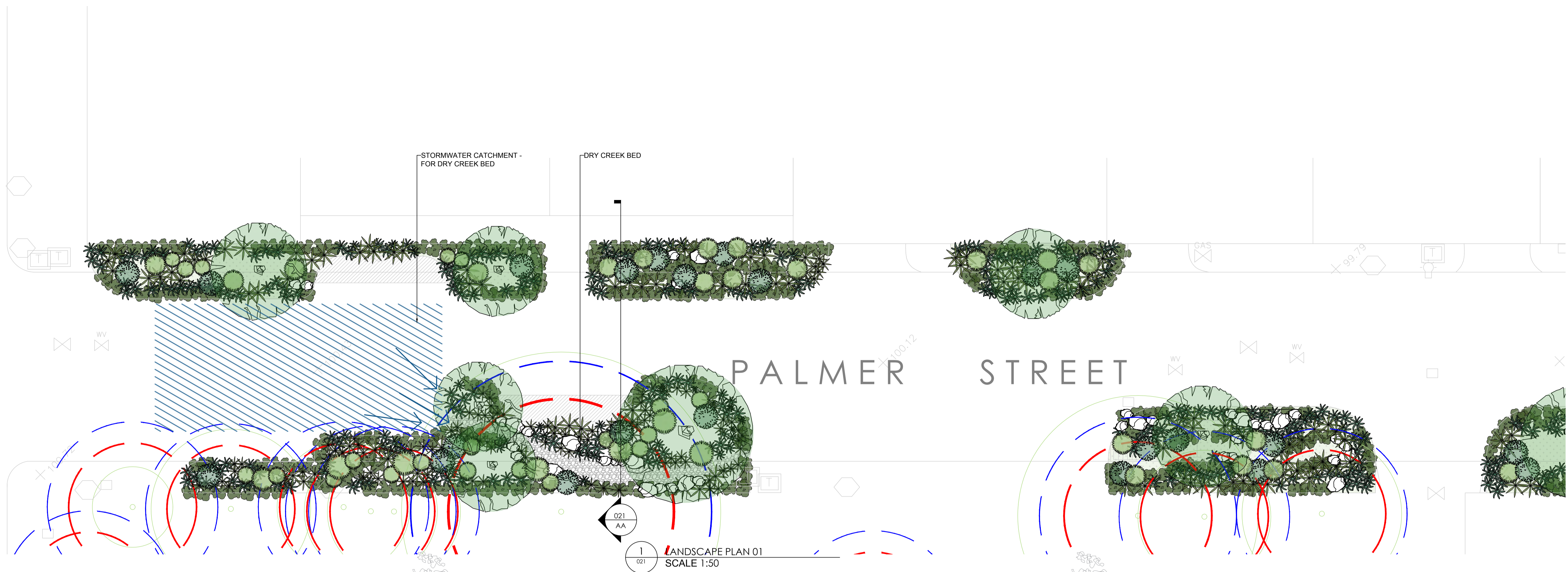
| SCALE                  | DATE          | CHECKED  | DRAWN |
|------------------------|---------------|----------|-------|
| N.T.S @ A1             | SEPTEMBER '22 | DC       | AB    |
| DRAWING NO.            | STATUS        | REVISION |       |
| 20037-LLA-CC-01--L-011 | -             | A        |       |

|   |  |
|---|--|
| <input type="checkbox"/> PRELIMINARY                  | <input type="checkbox"/> ISSUED FOR DESIGN/INFORMATION |
| <input type="checkbox"/> ISSUED FOR PLANNING APPROVAL | <input type="checkbox"/> ISSUED FOR TENDER             |
| <input type="checkbox"/> ISSUED FOR CONSTRUCTION      | <input type="checkbox"/> AS BUILT                      |

DRAWING SHEET SIZE - A1

COPYRIGHT RESERVED ©





AA  
021 PALMER ST LANDSCAPE SECTION  
SCALE 1:20



DO NOT SCALE - USE WRITTEN DIMENSIONS ONLY  
 THIS WORK IS COPYRIGHT & CANNOT BE REPRODUCED OR COPIED IN ANY FORM OR BY ANY MEANS (GRAPHIC, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPIING) WITHOUT THE WRITTEN PERMISSION OF LONGMORE LANDSCAPE ARCHITECTS. ALL RIGHTS RESERVED.  
 ANY LICENCE TO USE THIS DOCUMENT FOR ANY PURPOSE WHATSOEVER IS RESTRICTED TO THE TERMS OF THE AGREEMENT BETWEEN LONGMORE LANDSCAPE ARCHITECTS AND THE INSTRUCTING PARTY.

MELBOURNE 0448 952323  
 www.longmorela.com office@longmorela.com

C:\Users\offic\OneDrive\Documents\LONGMORE\20037\_Palmer St, Fitzroy\LLA - Palmer St\_Working File.dwg



**LONGMORE landscape architects**

| Revisions | NO.      | DATE           | AMENDMENTS |
|-----------|----------|----------------|------------|
| A         | 28/09/22 | PRELIM. DESIGN |            |

EXTERNAL REFERENCES:  
 • :  
 • :

PROJECT  
 PALMER RD, FITZROY

DRAWING  
 LANDSCAPE PLAN - ZOOM 1

| SCALE                  | DATE          | CHECKED  | DRAWN |
|------------------------|---------------|----------|-------|
| 1:75 @ A1              | SEPTEMBER '22 | DC       | AB    |
| DRAWING NO.            | STATUS        | REVISION |       |
| 20037-LLA-CC-01--L-021 | -             | A        |       |

|   |  |
|---|--|
| <input type="checkbox"/> PRELIMINARY                  | <input type="checkbox"/> ISSUED FOR DESIGN/INFORMATION |
| <input type="checkbox"/> ISSUED FOR PLANNING APPROVAL | <input type="checkbox"/> ISSUED FOR TENDER             |
| <input type="checkbox"/> ISSUED FOR CONSTRUCTION      | <input type="checkbox"/> AS BUILT                      |

DRAWING SHEET SIZE - A1

COPYRIGHT RESERVED ©





DO NOT SCALE - USE WRITTEN DIMENSIONS ONLY  
 THIS WORK IS COPYRIGHT & CANNOT BE REPRODUCED OR COPIED IN ANY FORM OR BY ANY MEANS (GRAPHIC, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPIING) WITHOUT THE WRITTEN PERMISSION OF LONGMORE LANDSCAPE ARCHITECTS. ALL RIGHTS RESERVED.  
 ANY LICENCE TO USE THIS DOCUMENT FOR ANY PURPOSE WHATSOEVER IS RESTRICTED TO THE TERMS OF THE AGREEMENT BETWEEN LONGMORE LANDSCAPE ARCHITECTS AND THE INSTRUCTING PARTY.

MELBOURNE 0448 952323  
 www.longmorela.com office@longmorela.com

C:\Users\office\OneDrive\Documents\LONGMORE\20037\_Palmer St, Fitzroy\LLA - Palmer St\_Working File.dwg



**LONGMORE landscape architects**

| Revisions | NO. | DATE     | AMENDMENTS     |
|-----------|-----|----------|----------------|
|           | A   | 25/09/22 | PRELIM. DESIGN |

EXTERNAL REFERENCES:  
 • :  
 • :

AUT  
 DC

PROJECT  
 PALMER ST, FITZROY

DRAWING  
 LANDSCAPE PLAN - ZOOM 2

| SCALE                  | DATE          | CHECKED  | DRAWN |
|------------------------|---------------|----------|-------|
| 1:75 @ A1              | SEPTEMBER '22 | DC       | AB    |
| DRAWING NO.            | STATUS        | REVISION |       |
| 20037-LLA-CC-01--L-022 | -             | A        |       |

|   |  |
|---|--|
| <input type="checkbox"/> PRELIMINARY                  | <input type="checkbox"/> ISSUED FOR DESIGN/INFORMATION |
| <input type="checkbox"/> ISSUED FOR PLANNING APPROVAL | <input type="checkbox"/> ISSUED FOR TENDER             |
| <input type="checkbox"/> ISSUED FOR CONSTRUCTION      | <input type="checkbox"/> AS BUILT                      |

DRAWING SHEET SIZE - A1

COPYRIGHT RESERVED ©





# Attachment B

---

Parking and Swept Path Analysis  
by Trafficworks

Project No. 190939

22 July 2020

Ahmed Osman  
Associate / Town Planner  
BDN Projects  
3/64 Johnston Street  
Collingwood VIC 3066

Via email: [ahmed@bdnprojects.com.au](mailto:ahmed@bdnprojects.com.au)

Dear Ahmed,

**RE: Palmer Street, Fitzroy Streetscape – Traffic Advice**

Trafficworks has been engaged by BDN Projects to provide traffic advice for the proposed streetscape works along Palmer Street, in Fitzroy.

The subject length is located approximately 1.2 km northeast of Melbourne's CBD and is bound by Nicholson Street to the west and Brunswick Street to the east. The subject length is separated into two areas:

- primary area (between Fitzroy Street and Brunswick Street):
  - one-way eastbound local road
  - approximately 85 m in length
  - very narrow and non-DDA compliant footpaths on both sides
  - narrow carriageway when cars are parked along both sides
- secondary area (between Nicholson Street and Brunswick Street):
  - two-way local road
  - no through access along Palmer Street west of Fleet Street
  - approximately 210 m in length

The subject length and surrounding road network is shown in Figure 1, with the primary and secondary areas shown in Figure 2.

The proposed streetscape works includes the following:

- provision for a pedestrian friendly environment with increased public realm such as widened footpath space, better connectivity and enhanced accessibility
- raised pedestrian crossing at the intersection Palmer Street and Fitzroy Street



- a shared zone with raised pavement within the primary area
- modified car parking space dimensions and removal of some car parking spaces

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

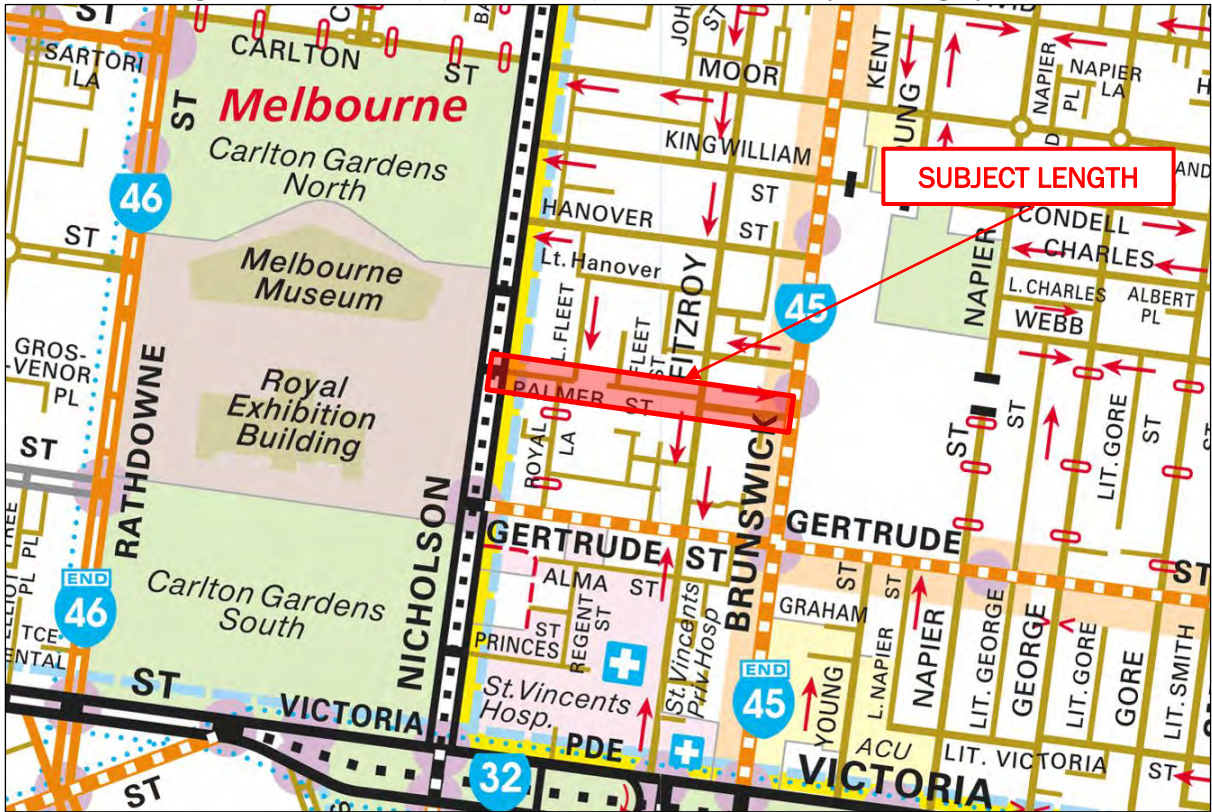
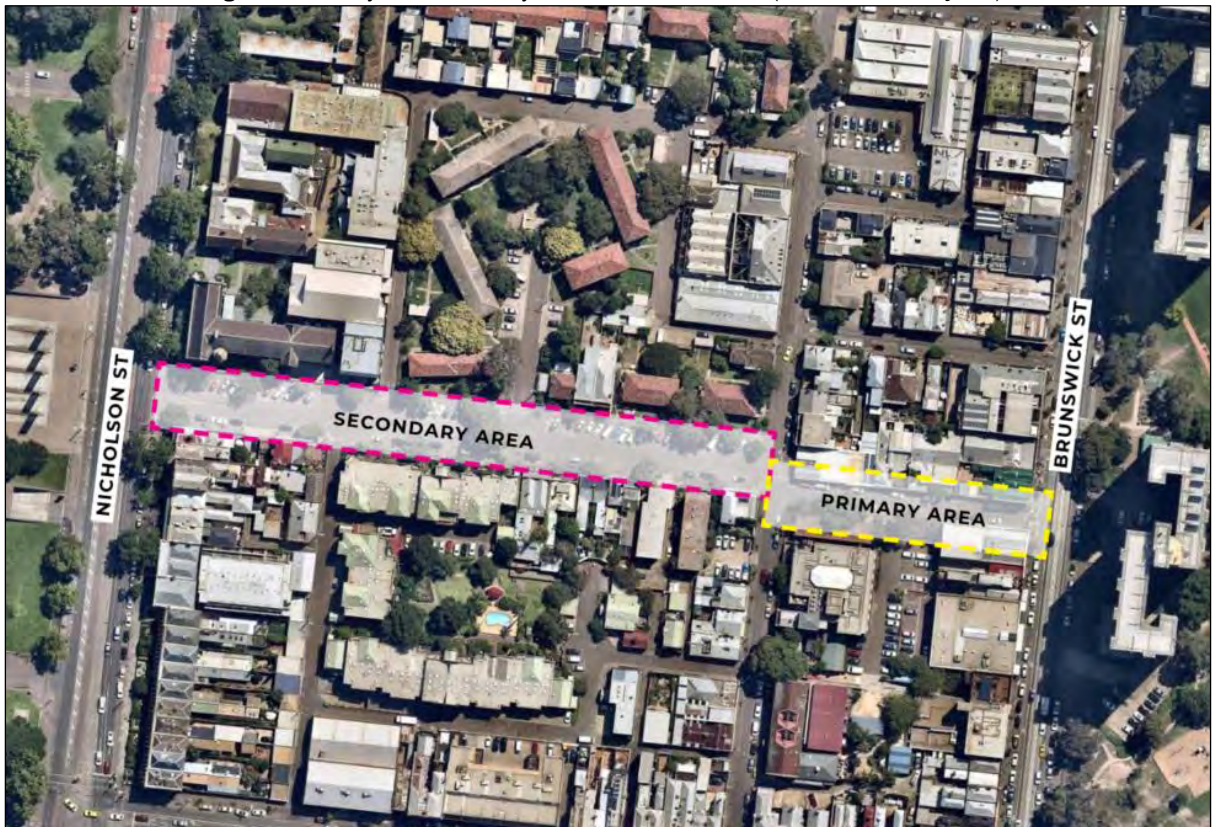


Figure 2: Primary and secondary areas of Palmer Street (Source: BDN Projects)



### **Raised Pedestrian Crossing Intersection**

A raised pedestrian crossing treatment is recommended at the intersection of Palmer Street and Fitzroy Street. A raised pedestrian crossing intersection is a traffic calming device where it encourages vehicles to reduce speeds when approaching the intersection and provides pedestrian priority over vehicles to cross the road safely. The benefits of a raised pedestrian crossing intersection include:

- a reduction in vehicle speeds in the vicinity of the device
- highlights the presence of an intersection
- designated crossing for pedestrians
- reduces vehicle / pedestrian conflicts
- can be used as a form of threshold treatment

Refer to the Attachment A for the raised pedestrian crossing intersection concept plan for Palmer Street.

### **Shared Zone**

A shared zone with a raised pavement is recommended along Palmer Street within the primary area as part of the streetscape works. A shared zone is an area utilised by both pedestrians and vehicles where the road is a low-speed environment and priority is given to pedestrians over vehicles. The benefits of a shared zone include:

- increase safety of pedestrians and cyclists
- reduction in the speed environment of the road
- drivers are more alert of the surroundings when entering a shared zone
- improved amenity without affecting access.

Shared zone (10km/h) speed limit signage should be placed at the entry of Palmer Street within the primary area. Refer to the Attachment A for the shared zone concept plan for Palmer Street.

### **Car Parking Spaces**

The proposed streetscape works along Palmer Street includes the implementation of a shared zone within the primary area and the widening of southern footpath within the secondary area. As such, the proposed works will require the removal of some car parking spaces along Palmer Street.

In addition, the northern car parking spaces within the secondary area will be modified to 90-degree car parking spaces. A comparison of the loss of car parking spaces have been made between the *Australian Standard AS2890.1-2004 Parking facilities – Off-street car parking* and Clause 52.06 of the Yarra City Council Planning Scheme.

Considering the secondary area of Palmer Street (between Nicholson Street and Brunswick Street) is truncated at its mid-point (i.e. has no through access), the car parking space dimensions as depicted in clause 52.06 of the Yarra City Council Planning Scheme, should be considered. Car parking provision in accordance with clause 52.06 will allow the maximise provision of car parking opportunities, whilst improving the streetscape and public realm.



Summaries of the net gain / loss of car parking spaces due to the proposed streetscape works for the primary and secondary area are shown in Tables 1 - 3.

Table 1: Net gain / loss of car parking spaces within the primary area

| Proposed Streetscape Works | Palmer Street Car Parking Spaces |          |                 |
|----------------------------|----------------------------------|----------|-----------------|
|                            | Existing                         | Proposed | Net Gain / Loss |
| Shared Zone                | 16                               | 0        | -16             |
| <b>Total</b>               | <b>16</b>                        | <b>0</b> | <b>-16</b>      |

Table 2: Net gain / loss of car parking spaces within the secondary area – Australian Standards

| Proposed Streetscape Works      | Palmer Street Car Parking Spaces |           |                 |
|---------------------------------|----------------------------------|-----------|-----------------|
|                                 | Existing                         | Proposed  | Net Gain / Loss |
| Widening of footpath            | 22                               | 0         | -22             |
| Modified car parking dimensions | 39                               | 47        | +8              |
| <b>Total</b>                    | <b>61</b>                        | <b>47</b> | <b>-14</b>      |

Table 3: Net gain / loss of car parking spaces within the secondary area – Planning Schemes

| Proposed Streetscape Works      | Palmer Street Car Parking Spaces |           |                 |
|---------------------------------|----------------------------------|-----------|-----------------|
|                                 | Existing                         | Proposed  | Net Gain / Loss |
| Widening of footpath            | 22                               | 18        | -4              |
| Modified car parking dimensions | 39                               | 44        | +5              |
| <b>Total</b>                    | <b>61</b>                        | <b>66</b> | <b>+1</b>       |

The proposed streetscape works will result in a net loss of 16 car parking spaces within the primary area of Palmer Street as shown in Table 1.

From Table 2, the proposed streetscape works along Palmer Street within the secondary area will result in a total net loss of 14 car parking spaces applying the Australian Standards dimensions and from Table 3, a total net gain of one car parking spaces applying the Planning Schemes dimensions.

The combined area will result in a loss of 15 car parking spaces for the Planning Schemes and a loss of 30 car parking spaces for the Australian Standards.

Refer to Attachment A for the proposed car parking layout concept plans for Palmer Street.

## Swept Path Assessment

An initial assessment of the accessibility of the Palmer Street and Fitzroy Street intersection using the 'Auto-turn' software has been conducted. A 10.5 m waste collection vehicle was assessed and it was concluded that the waste collection vehicle can perform right-turn and left-turn manoeuvres from Fitzroy Street onto Palmer Street and right-turn manoeuvres from Palmers Street onto Fitzroy Street satisfactorily.

In addition, a B99 (99<sup>th</sup> percentile car) was also used in the assessment and it was found that vehicles can perform a U-turn manoeuvre at the court bowls satisfactorily and that cars will be able to enter/exit the court bowls in a forward direction (i.e. without having to undertake a correction manoeuvre) with the proposed parking arrangement.

Refer to the Attachment B for the swept path analysis for Palmer Street.

## Conclusion

Based on the above assessments, it is recommended that the proposed streetscape works along Palmer Street include:

- a raised pedestrian crossing at the intersection of Palmer Street and Fitzroy Street
- a shared zone with raised pavement within the primary area
- widening of the footpath by 1.23 m – 1.34 m on the southern side of the secondary area
- modify the current car parking space dimensions

It is concluded that the proposed streetscape works along Palmer Street within the secondary area will result in a total net gain of one car parking spaces for the Planning Schemes dimensions and a total net loss of 14 car parking spaces for the Australian Standards dimensions. Furthermore, the proposed streetscape works will result in a net loss of 16 car parking spaces within the primary area of Palmer Street.

Please contact me on (03) 9490 5906 if you would like to discuss this further.

Yours sincerely,

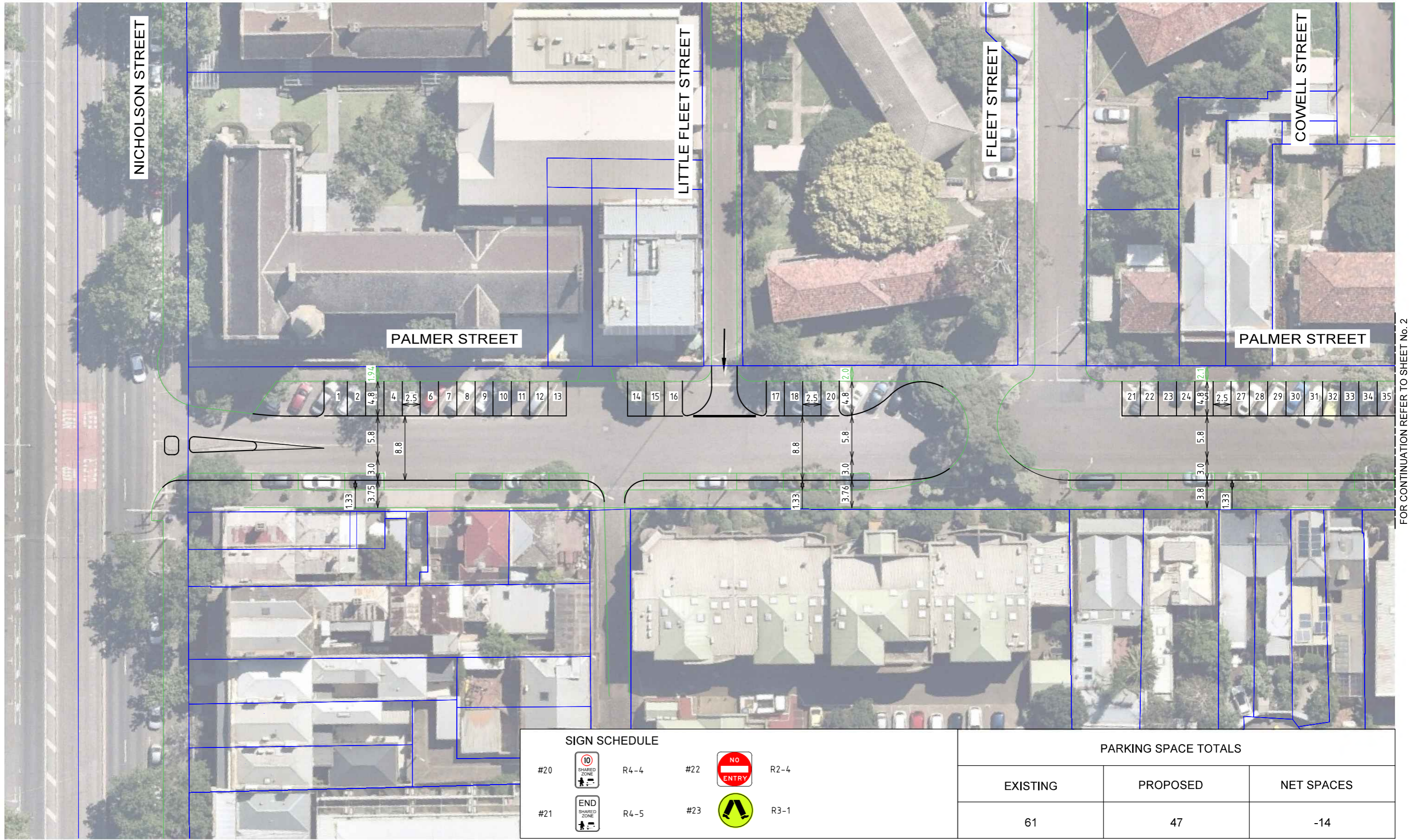


Ali Abdou  
**Director**

Encl. Attachment A and Attachment B

# ATTACHMENT A – CONCEPT PLAN





FOR CONTINUATION REFER TO SHEET No. 2

**SIGN SCHEDULE**

|     |  |      |     |  |      |
|-----|--|------|-----|--|------|
| #20 |  | R4-4 | #22 |  | R2-4 |
| #21 |  | R4-5 | #23 |  | R3-1 |

**PARKING SPACE TOTALS**

| EXISTING | PROPOSED | NET SPACES |
|----------|----------|------------|
| 61       | 47       | -14        |

22/07/2020 190939-CTP-01 3:54:00 PM C:\CadDrive\1920 Projects\190939\Design\190939-CTP-01-P1.dgn

**Drawing Record**

| ISSUE | DRAWN | APP'D | DATE     | AMENDMENT                     |
|-------|-------|-------|----------|-------------------------------|
| P1    | GL    | AA    | 20.07.20 | 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.

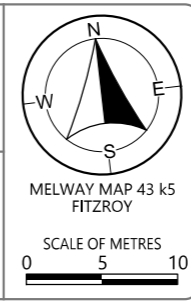
**PRELIMINARY PLAN**  
FOR DISCUSSION PURPOSES ONLY  
SUBJECT TO CHANGE WITHOUT NOTIFICATION  
DATE OF ISSUE: 20/07/20

**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



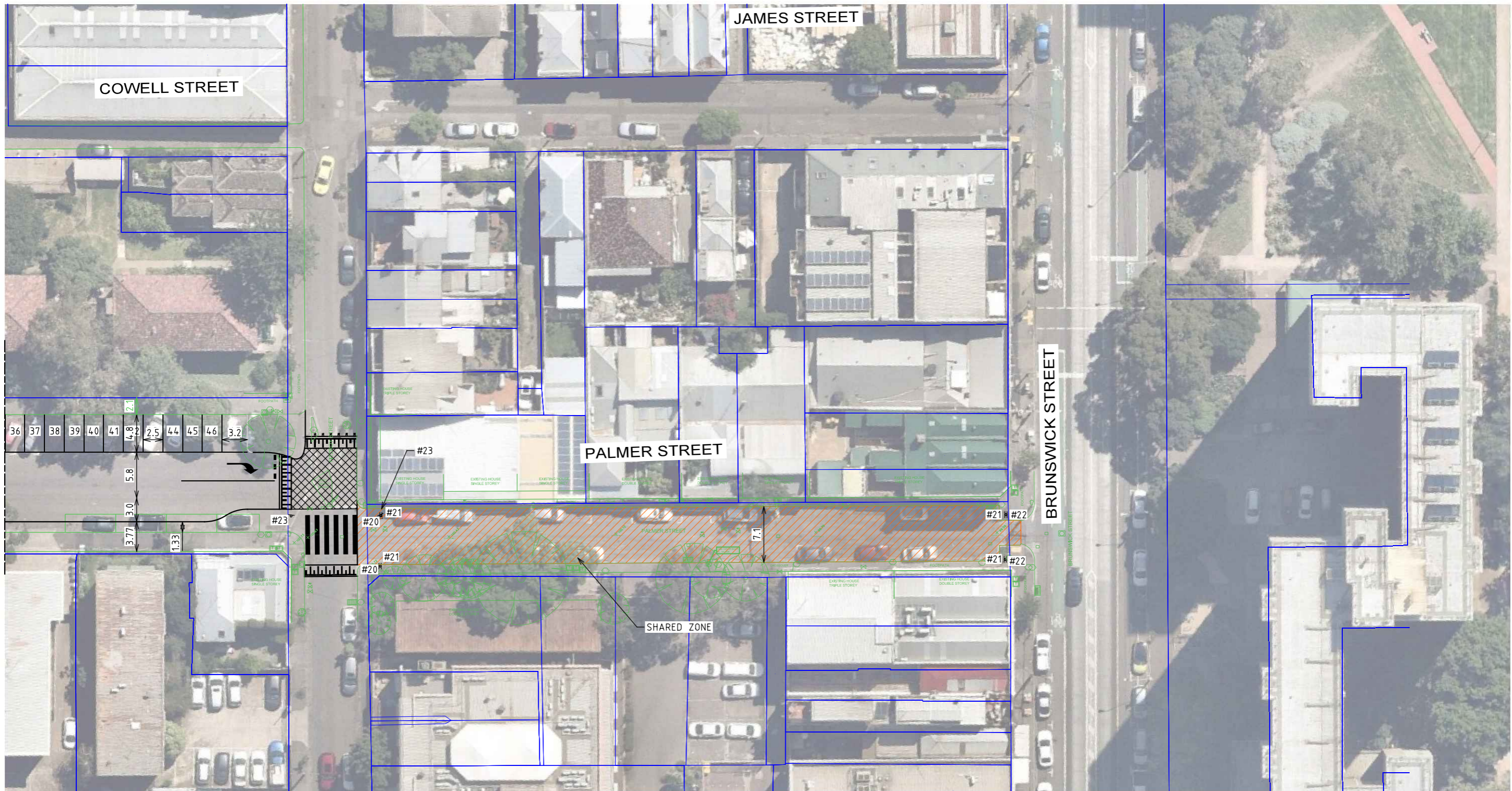
**Palmer Street, Fitzroy**

Yarra City Council

**Concept Plan - Australian Standards**

|                |                              |             |
|----------------|------------------------------|-------------|
| SHEET NO.<br>1 | DRAWING NO.<br>190939-CTP-01 | ISSUE<br>P1 |
|----------------|------------------------------|-------------|





FOR CONTINUATION REFER TO SHEET No. 1

| SIGN SCHEDULE |  |      |     |  |      |
|---------------|--|------|-----|--|------|
| #20           |  | R4-4 | #22 |  | R2-4 |
| #21           |  | R4-5 | #23 |  | R3-1 |

| PARKING SPACE TOTALS |          |            |
|----------------------|----------|------------|
| EXISTING             | PROPOSED | NET SPACES |
| 61                   | 47       | -14        |

22/07/2020 190939-CTP-02 3:54:02 PM C:\Cad\Drive\1920 Projects\190939\Design\190939-CTP-01-P1.dgn

| Drawing Record |       |       |          |                               |
|----------------|-------|-------|----------|-------------------------------|
| ISSUE          | DRAWN | APP'D | DATE     | AMENDMENT                     |
| P1             | GL    | AA    | 20.07.20 | 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: 20/07/20

| 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

MELWAY MAP 43 K5 FITZROY

SCALE OF METRES

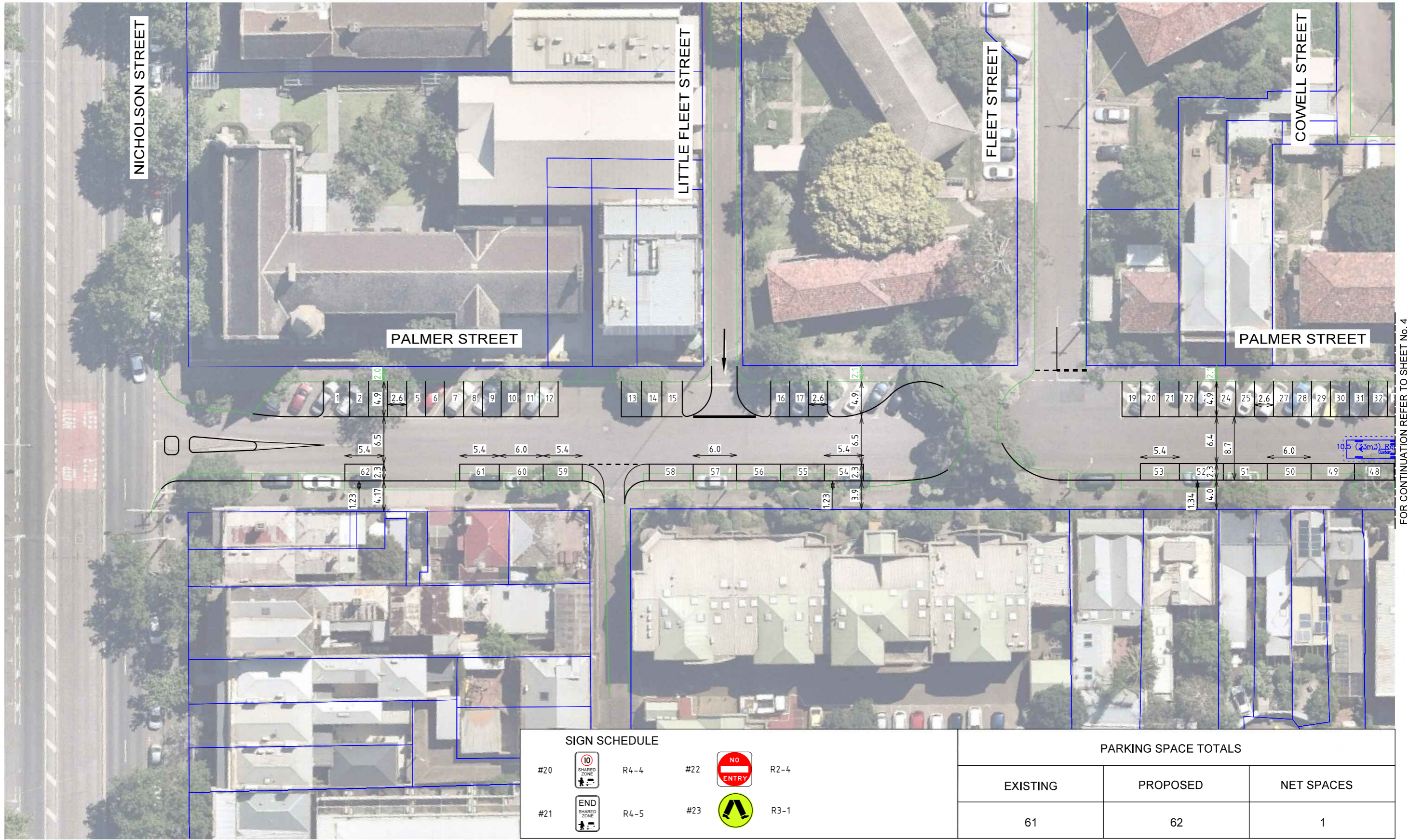
## Palmer Street, Fitzroy

### Yarra City Council

# Concept Plan - Australian Standards

|           |             |               |       |
|-----------|-------------|---------------|-------|
| SHEET NO. | DRAWING NO. | 190939-CTP-02 | ISSUE |
| 2         |             |               | P1    |





FOR CONTINUATION REFER TO SHEET No. 4

**SIGN SCHEDULE**

|     |  |      |     |  |      |
|-----|--|------|-----|--|------|
| #20 |  | R4-4 | #22 |  | R2-4 |
| #21 |  | R4-5 | #23 |  | R3-1 |

**PARKING SPACE TOTALS**

| EXISTING | PROPOSED | NET SPACES |
|----------|----------|------------|
| 61       | 62       | 1          |

22/07/2020 190939-CTP-03 3:54:02 PM C:\CadDrive\1920 Projects\190939\Design\190939-CTP-01-P1.dgn

**Drawing Record**

| ISSUE | DRAWN | APP'D | DATE     | AMENDMENT                     |
|-------|-------|-------|----------|-------------------------------|
| P1    | GL    | AA    | 20.07.20 | 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: 20/07/20

**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



MELWAY MAP 43 K5 FITZROY  
SCALE OF METRES  
0 5 10

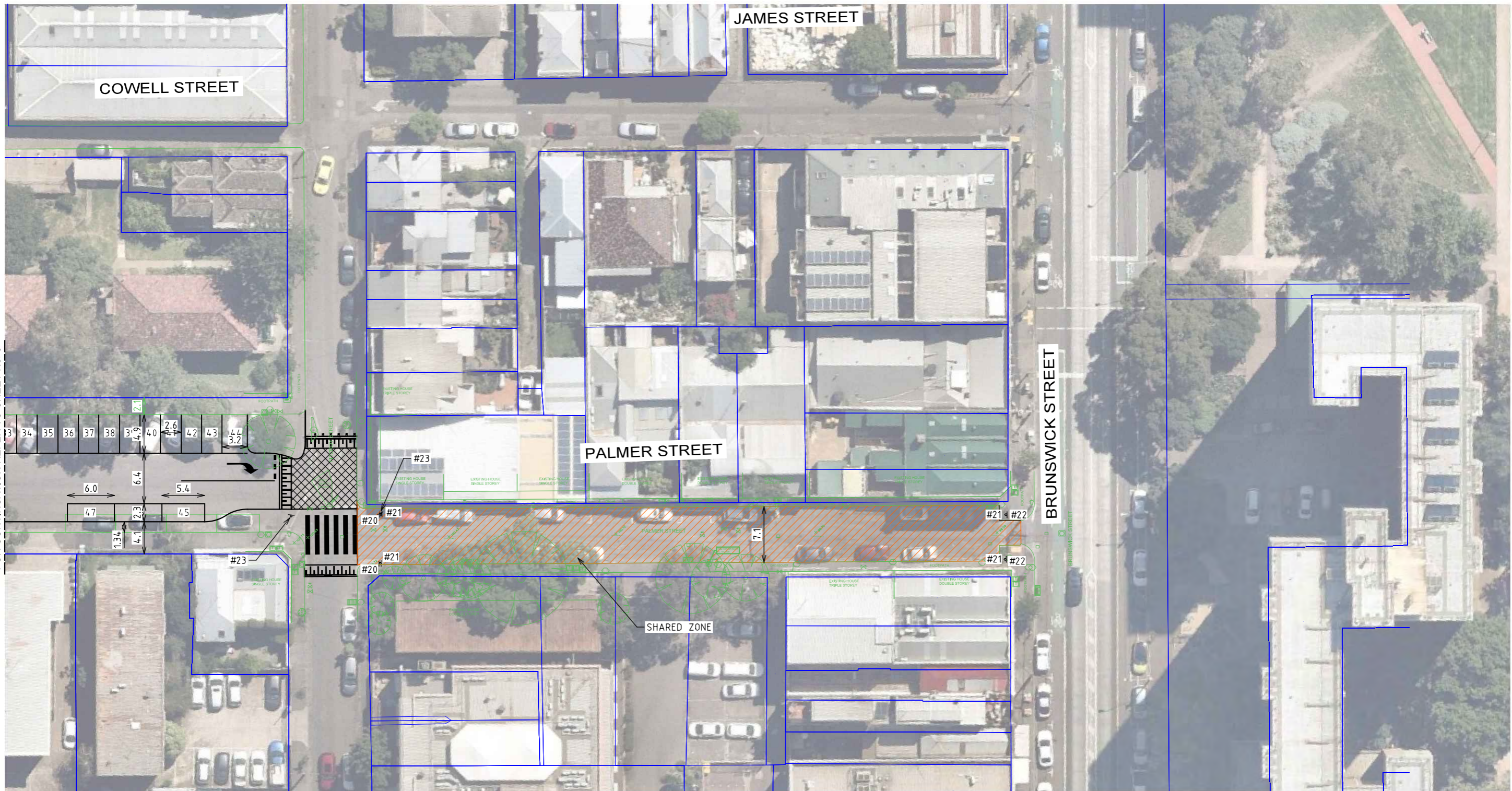
**Palmer Street, Fitzroy**

Yarra City Council

**Concept Plan - Planning Scheme Dimensions**

|             |                           |          |
|-------------|---------------------------|----------|
| SHEET NO. 3 | DRAWING NO. 190939-CTP-03 | ISSUE P1 |
|-------------|---------------------------|----------|





**SIGN SCHEDULE**

|     |  |      |     |  |      |
|-----|--|------|-----|--|------|
| #20 |  | R4-4 | #22 |  | R2-4 |
| #21 |  | R4-5 | #23 |  | R3-1 |

**PARKING SPACE TOTALS**

| EXISTING | PROPOSED | NET SPACES |
|----------|----------|------------|
| 61       | 62       | 1          |

22/07/2020 190939-CTP-04 3:54:04 PM C:\Cad\Drive\1920 Projects\190939\Design\190939-CTP-01-P1.dgn

**Drawing Record**

| ISSUE | DRAWN | APP'D | DATE     | AMENDMENT                     |
|-------|-------|-------|----------|-------------------------------|
| P1    | GL    | AA    | 20.07.20 | 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.

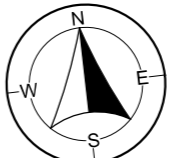
**PRELIMINARY PLAN**  
FOR DISCUSSION PURPOSES ONLY  
SUBJECT TO CHANGE WITHOUT NOTIFICATION  
DATE OF ISSUE: 20/07/20

**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



MELWAY MAP 43 K5 FITZROY  
SCALE OF METRES  
0 5 10

**Palmer Street, Fitzroy**

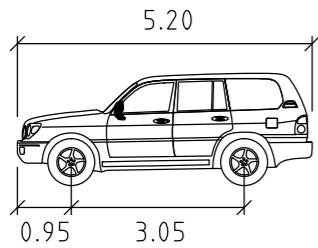
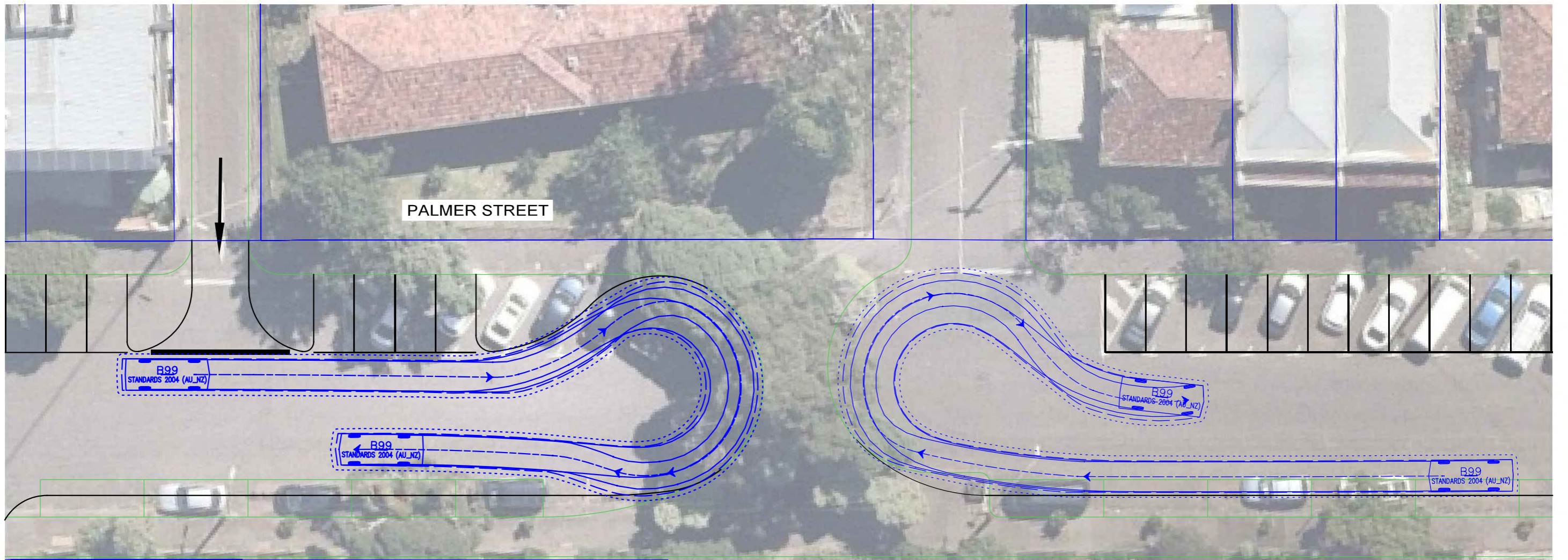
Yarra City Council

**Concept Plan - Planning Scheme Dimensions**

|                |                              |             |
|----------------|------------------------------|-------------|
| SHEET NO.<br>4 | DRAWING NO.<br>190939-CTP-04 | ISSUE<br>P1 |
|----------------|------------------------------|-------------|



## **ATTACHMENT B – SWEPT PATH ANALYSIS**



B99 meters

Width : 1.94  
 Track : 1.84  
 Lock to Lock Time : 6.0  
 Steering Angle : 33.5

**SIGN SCHEDULE**

|     |  |      |     |  |      |
|-----|--|------|-----|--|------|
| #20 |  | R4-4 | #22 |  | R2-4 |
| #21 |  | R4-5 | #23 |  | R3-1 |

**PARKING SPACE TOTALS**

| EXISTING | PROPOSED | NET SPACES |
|----------|----------|------------|
| 61       | 47       | -14        |

22/07/2020 190939-SPA-01 3:54:18 PM C:\CadDrive\1920 Projects\190939\Design\190939-CTP-01-P1.dgn

**Drawing Record**

| ISSUE | DRAWN | APP'D | DATE     | AMENDMENT                     |
|-------|-------|-------|----------|-------------------------------|
| P1    | GL    | AA    | 20.07.20 | 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: 20/07/20

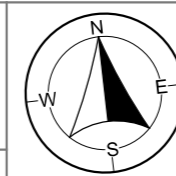
**Notes & Legend**

- 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



MELWAY MAP 43 K5 FITZROY

SCALE OF METRES  
 0 5 10

**Palmer Street, Fitzroy**

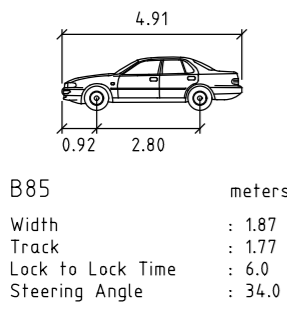
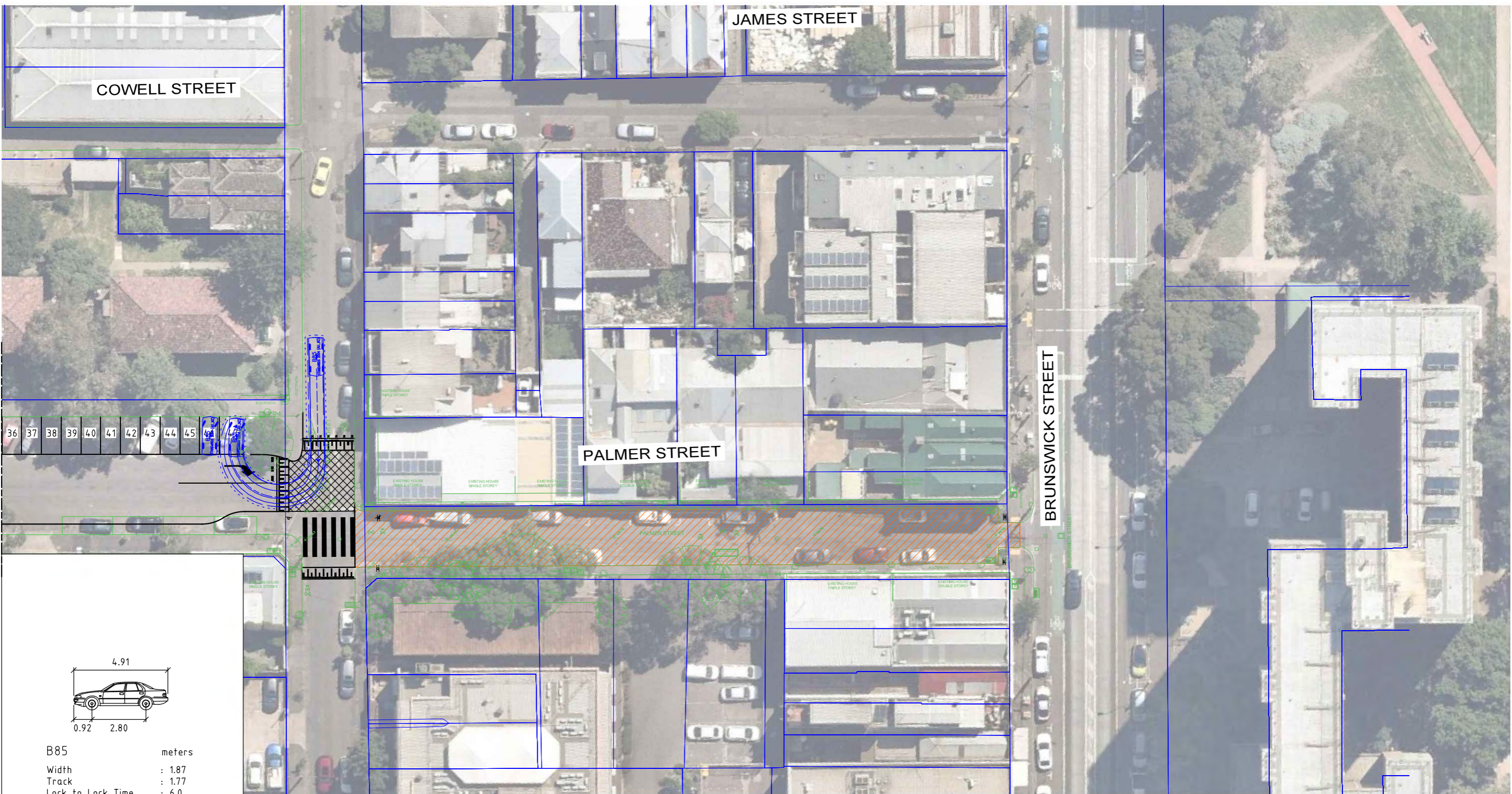
Yarra City Council

**Swept Path Assessment Option 1**

|                |                              |             |
|----------------|------------------------------|-------------|
| SHEET NO.<br>1 | DRAWING NO.<br>190939-SPA-01 | ISSUE<br>P1 |
|----------------|------------------------------|-------------|



FOR CONTINUATION REFER TO SHEET No. 1



| SIGN SCHEDULE |  |      |     |  |      |
|---------------|--|------|-----|--|------|
| #20           |  | R4-4 | #22 |  | R2-4 |
| #21           |  | R4-5 | #23 |  | R3-1 |

| PARKING SPACE TOTALS |          |            |
|----------------------|----------|------------|
| EXISTING             | PROPOSED | NET SPACES |
| 61                   | 47       | -14        |

22/07/2020 190939-SPA-02 3:54:20 PM C:\Cad\Drive\1920 Projects\190939\Design\190939-CTP-01-P1.dgn

| Drawing Record |       |       |          |                               |
|----------------|-------|-------|----------|-------------------------------|
| ISSUE          | DRAWN | APP'D | DATE     | AMENDMENT                     |
| P1             | GL    | AA    | 20.07.20 | 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: 20/07/20

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

MELWAY MAP 43 K5  
FITZROY

SCALE OF METRES  
0 5 10

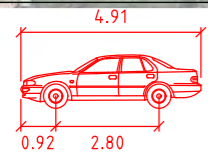
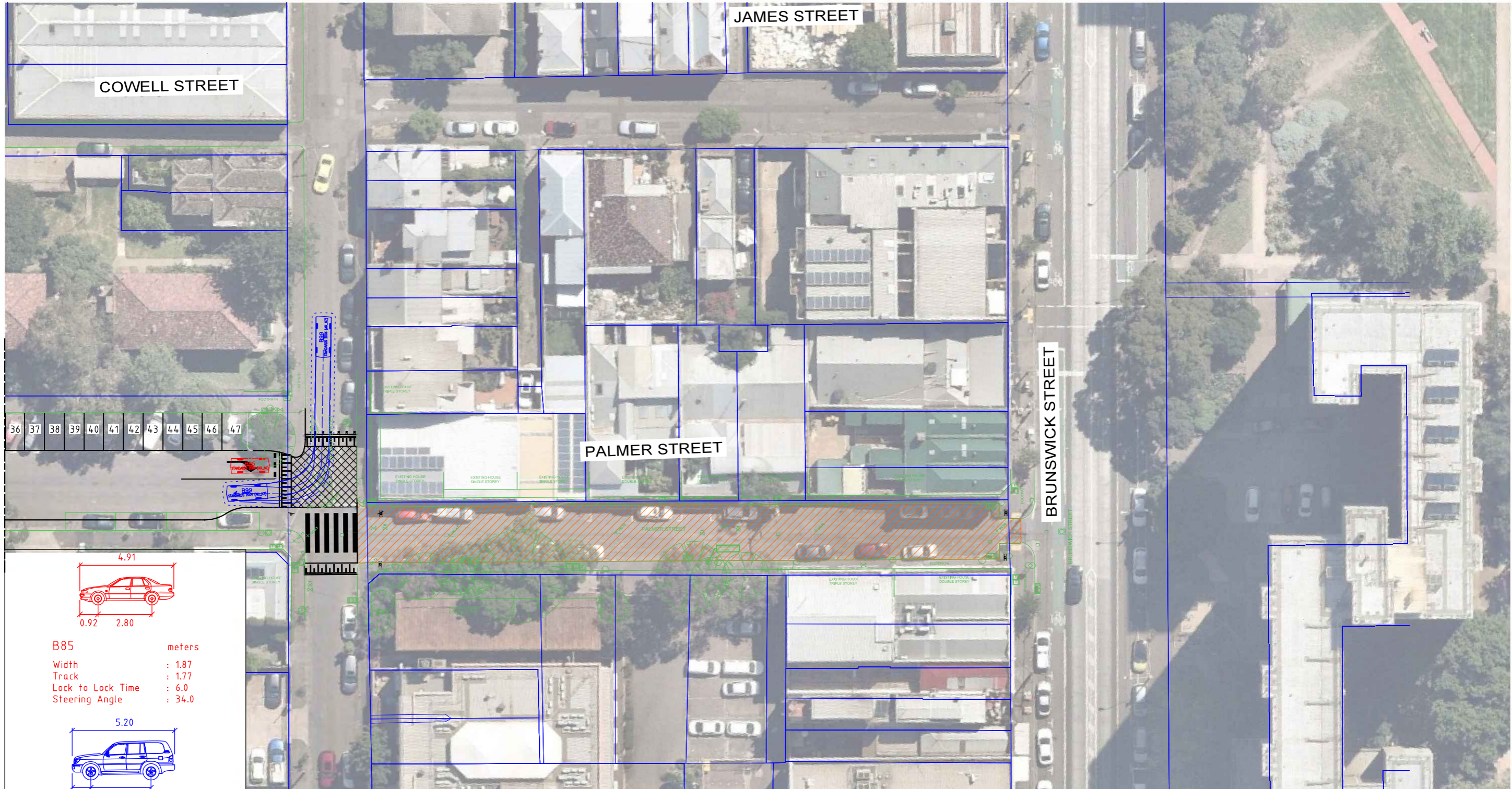
Palmer Street, Fitzroy  
Yarra City Council

Swept Path Assessment Option 1

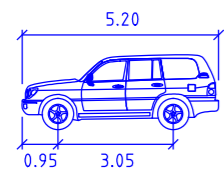
|                |                              |             |
|----------------|------------------------------|-------------|
| SHEET NO.<br>2 | DRAWING NO.<br>190939-SPA-02 | ISSUE<br>P1 |
|----------------|------------------------------|-------------|



FOR CONTINUATION REFER TO SHEET No. 1



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



**B99** meters  
 Width : 1.94  
 Track : 1.84  
 Lock to Lock Time : 6.0  
 Steering Angle : 33.5

**SIGN SCHEDULE**

|     |  |      |     |  |      |
|-----|--|------|-----|--|------|
| #20 |  | R4-4 | #22 |  | R2-4 |
| #21 |  | R4-5 | #23 |  | R3-1 |

**PARKING SPACE TOTALS**

| EXISTING | PROPOSED | NET SPACES |
|----------|----------|------------|
| 61       | 47       | -14        |

22/07/2020 190939-SPA-03 3:54:22 PM C:\Cad\Drive\1920 Projects\190939\Design\190939-CTP-01-P1.dgn

| Drawing Record |       |       |          |                               |
|----------------|-------|-------|----------|-------------------------------|
| ISSUE          | DRAWN | APP'D | DATE     | AMENDMENT                     |
| P1             | GL    | AA    | 20.07.20 | 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: 20/07/20

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

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

MELWAY MAP 43 K5 FITZROY

SCALE OF METRES

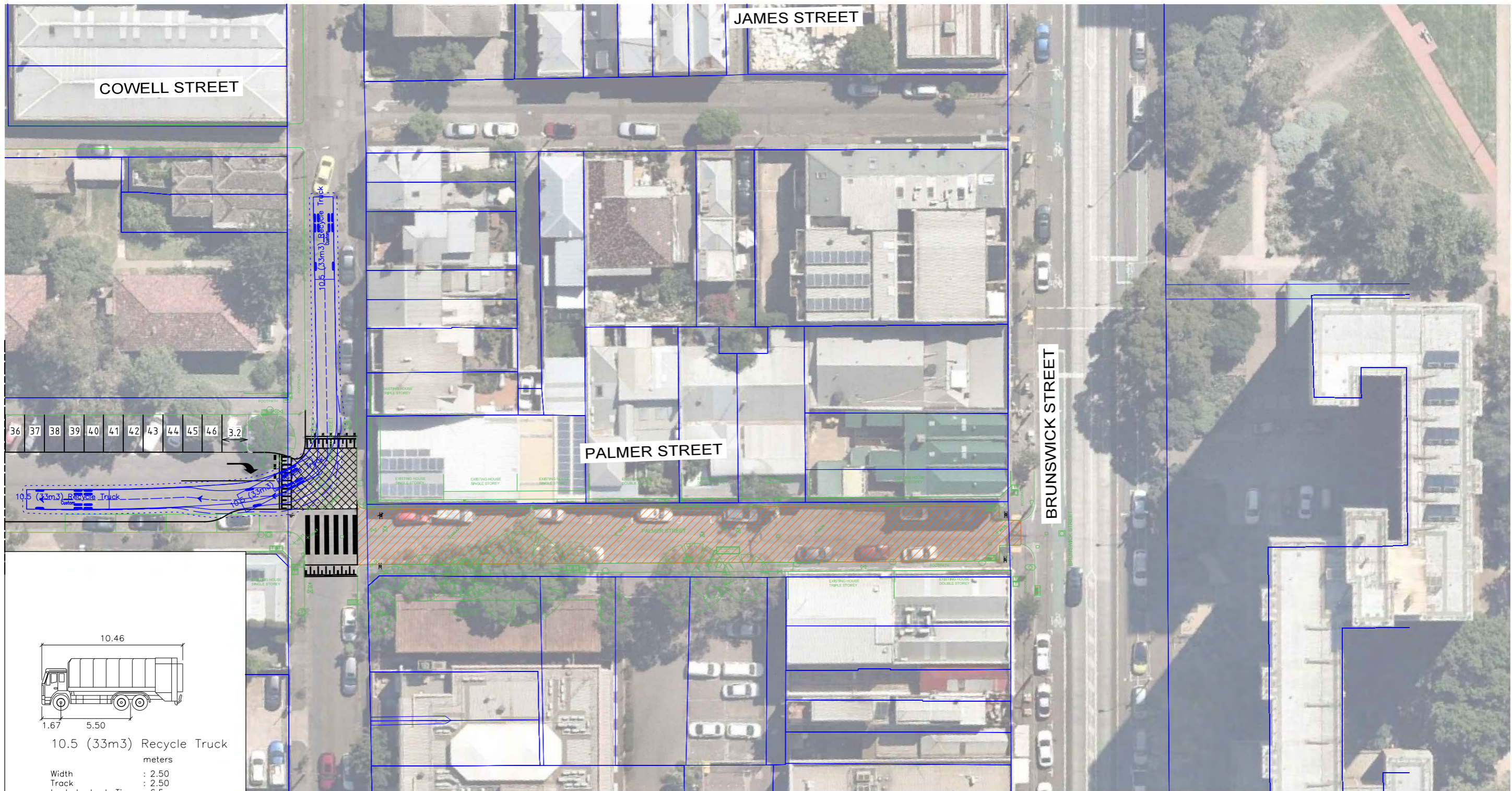
## Palmer Street, Fitzroy

### Yarra City Council

# Swept Path Assessment Option 1

|                |                              |             |
|----------------|------------------------------|-------------|
| SHEET NO.<br>3 | DRAWING NO.<br>190939-SPA-03 | ISSUE<br>P1 |
|----------------|------------------------------|-------------|





FOR CONTINUATION REFER TO SHEET No. 1

| SIGN SCHEDULE |  |      |     |  |      |
|---------------|--|------|-----|--|------|
| #20           |  | R4-4 | #22 |  | R2-4 |
| #21           |  | R4-5 | #23 |  | R3-1 |

| PARKING SPACE TOTALS |          |            |
|----------------------|----------|------------|
| EXISTING             | PROPOSED | NET SPACES |
| 61                   | 47       | -14        |

22/07/2020 190939-SPA-04 3:54:23 PM C:\Cad\Drive\1920 Projects\190939\Design\190939-CTP-01-P1.dgn

| Drawing Record |       |       |          |                               |
|----------------|-------|-------|----------|-------------------------------|
| ISSUE          | DRAWN | APP'D | DATE     | AMENDMENT                     |
| P1             | GL    | AA    | 20.07.20 | 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: 20/07/20

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

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

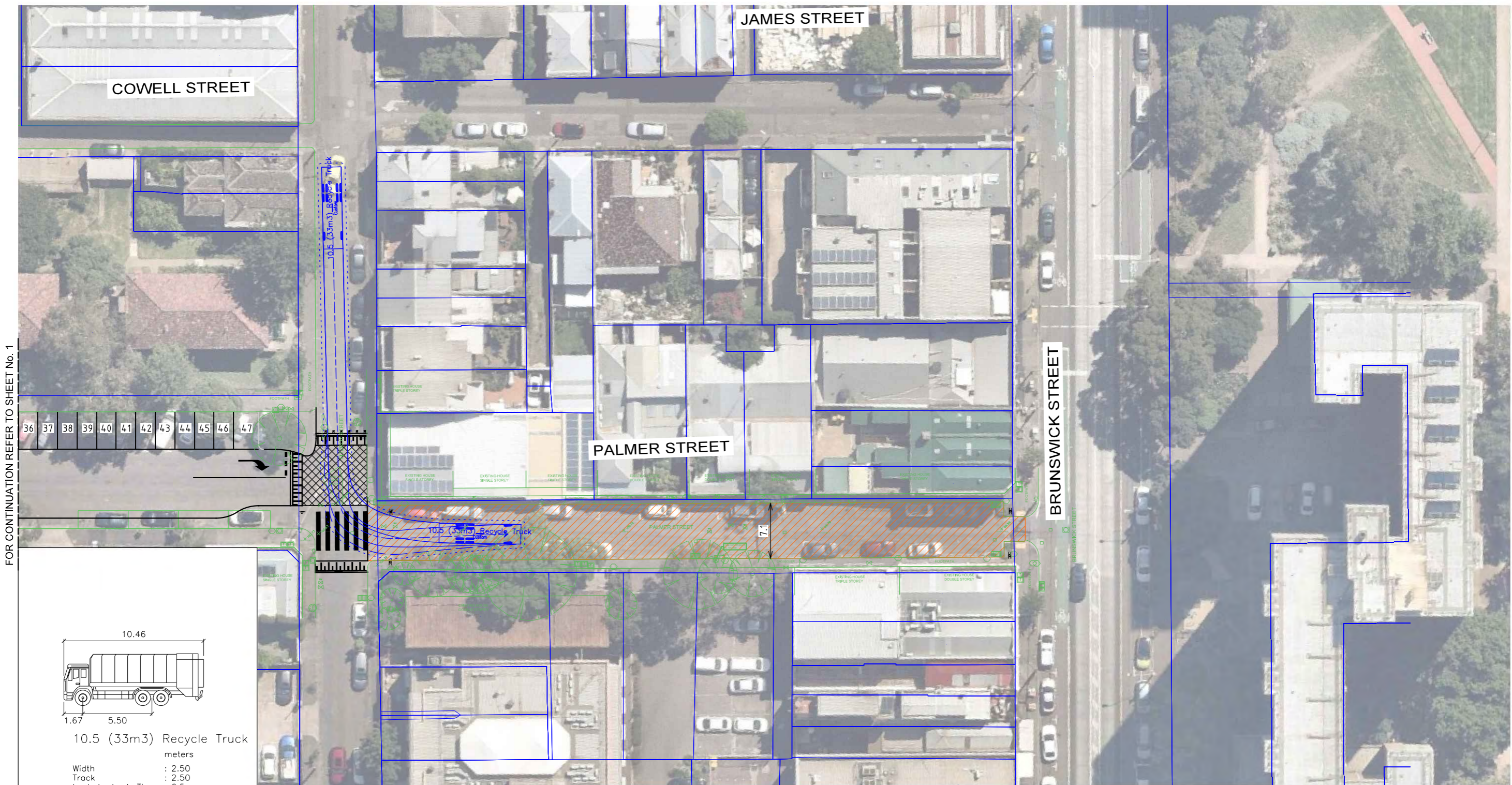
CLIENT

MELWAY MAP 43 K5 FITZROY

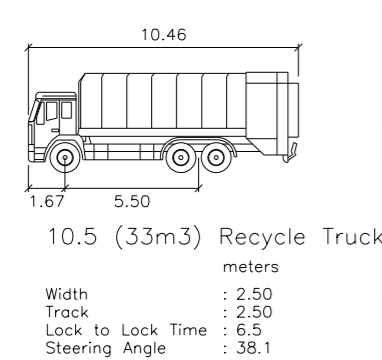
SCALE OF METRES

|  |               |       |
|--|---------------|-------|
| <h2 style="margin: 0;">Palmer Street, Fitzroy</h2> <h3 style="margin: 0;">Yarra City Council</h3> <h1 style="margin: 0; font-size: 1.2em;">Swept Path Assessment Option 1</h1> |               |       |
| SHEET NO.  | DRAWING NO.   | ISSUE |
| 4  | 190939-SPA-04 | P1    |





FOR CONTINUATION REFER TO SHEET No. 1



| SIGN SCHEDULE |  |      |     |  |      |
|---------------|--|------|-----|--|------|
| #20           |  | R4-4 | #22 |  | R2-4 |
| #21           |  | R4-5 | #23 |  | R3-1 |

| PARKING SPACE TOTALS |          |            |
|----------------------|----------|------------|
| EXISTING             | PROPOSED | NET SPACES |
| 61                   | 47       | -14        |

22/07/2020 190939-SPA-05 3:54:25 PM C:\Cad\Drive\1920 Projects\190939\Design\190939-CTP-01-P1.dgn

| Drawing Record |       |       |          |                               |
|----------------|-------|-------|----------|-------------------------------|
| ISSUE          | DRAWN | APP'D | DATE     | AMENDMENT                     |
| P1             | GL    | AA    | 20.07.20 | 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: 20/07/20

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

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

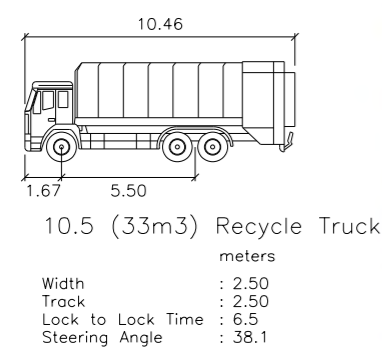
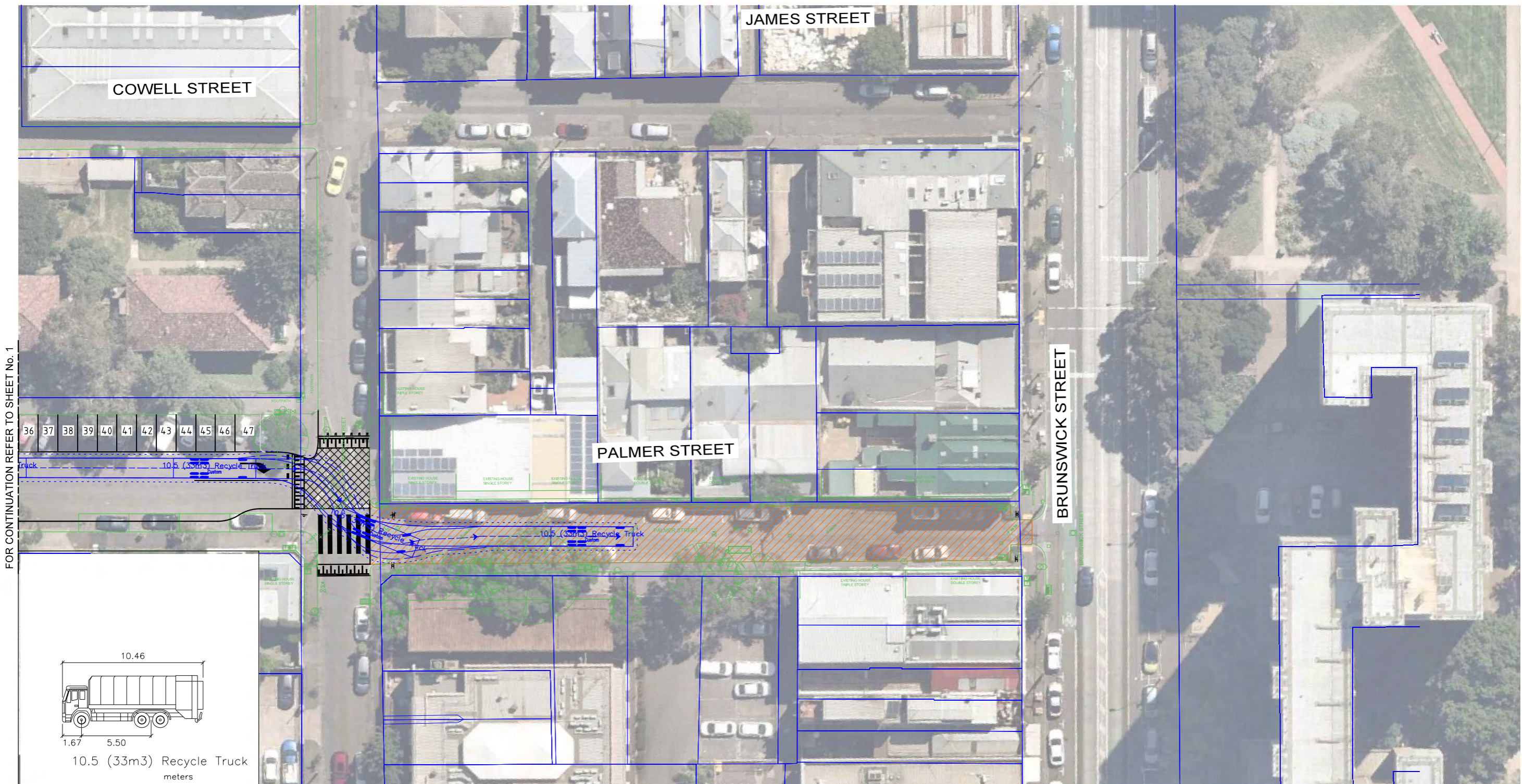
MELWAY MAP 43 K5 FITZROY

SCALE OF METRES

|  |                           |          |
|--|---------------------------|----------|
| <h2 style="margin: 0;">Palmer Street, Fitzroy</h2> <h3 style="margin: 0;">Yarra City Council</h3> <h1 style="margin: 0; font-size: 1.2em;">Swept Path Assessment Option 1</h1> |                           |          |
| SHEET NO. 5  | DRAWING NO. 190939-SPA-05 | ISSUE P1 |



FOR CONTINUATION REFER TO SHEET No. 1



| SIGN SCHEDULE |  |      |     |  |      |
|---------------|--|------|-----|--|------|
| #20           |  | R4-4 | #22 |  | R2-4 |
| #21           |  | R4-5 | #23 |  | R3-1 |

| PARKING SPACE TOTALS |          |            |
|----------------------|----------|------------|
| EXISTING             | PROPOSED | NET SPACES |
| 61                   | 47       | -14        |

22/07/2020 190939-SPA-06 3:54:26 PM C:\Cad\Drive\1920 Projects\190939\Design\190939-CTP-01-P1.dgn

| Drawing Record |       |       |          |                               |
|----------------|-------|-------|----------|-------------------------------|
| ISSUE          | DRAWN | APP'D | DATE     | AMENDMENT                     |
| P1             | GL    | AA    | 20.07.20 | 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: 20/07/20

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

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

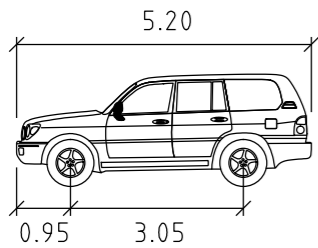
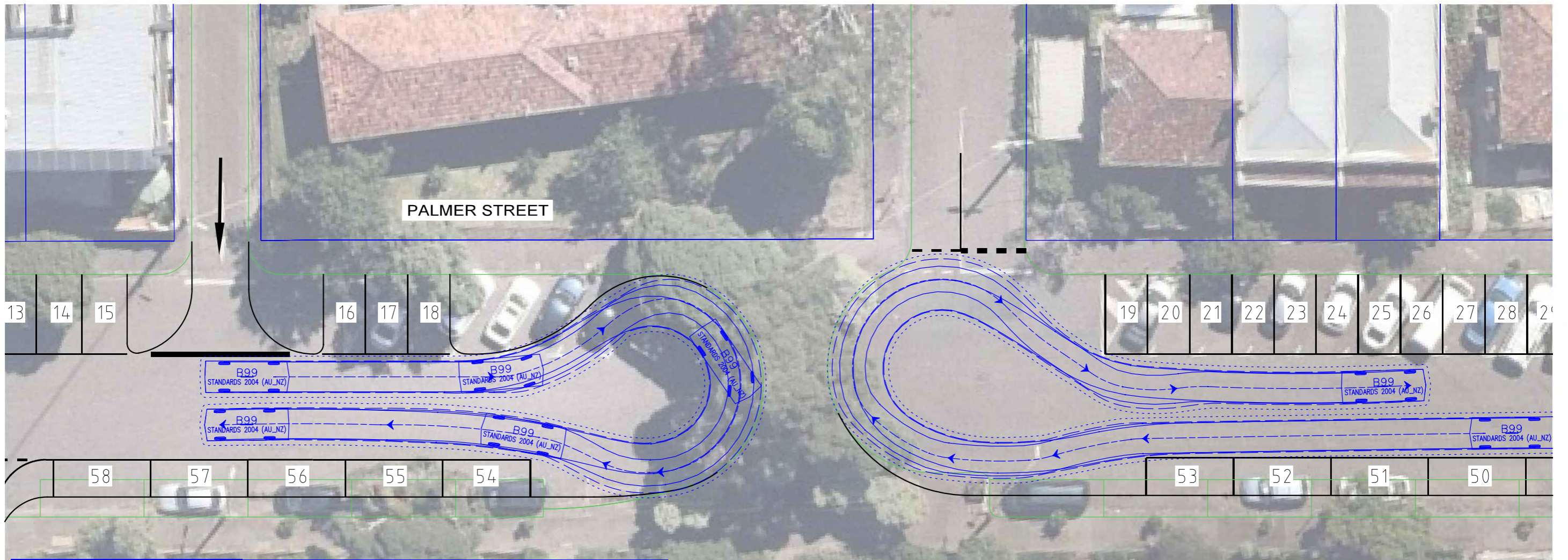
CLIENT

MELWAY MAP 43 K5 FITZROY

SCALE OF METRES  
0 5 10

| Palmer Street, Fitzroy         |               |       |
|--------------------------------|---------------|-------|
| Yarra City Council             |               |       |
| Swept Path Assessment Option 1 |               |       |
| SHEET NO.                      | DRAWING NO.   | ISSUE |
| 6                              | 190939-SPA-06 | P1    |





B99 meters

Width : 1.94  
 Track : 1.84  
 Lock to Lock Time : 6.0  
 Steering Angle : 33.5

**SIGN SCHEDULE**

|     |  |      |     |  |      |
|-----|--|------|-----|--|------|
| #20 |  | R4-4 | #22 |  | R2-4 |
| #21 |  | R4-5 | #23 |  | R3-1 |

**PARKING SPACE TOTALS**

| EXISTING | PROPOSED | NET SPACES |
|----------|----------|------------|
| 61       | 62       | 1          |

22/07/2020 190939-SPA-07 3:54:27 PM C:\Cad\Drive\1920 Projects\190939\Design\190939-CTP-01-P1.dgn

**Drawing Record**

| ISSUE | DRAWN | APP'D | DATE     | AMENDMENT                     |
|-------|-------|-------|----------|-------------------------------|
| P1    | GL    | AA    | 20.07.20 | 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: 20/07/20

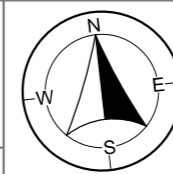
**Notes & Legend**

- 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



MELWAY MAP 43 K5 FITZROY

SCALE OF METRES  
 0 5 10

**Palmer Street, Fitzroy**

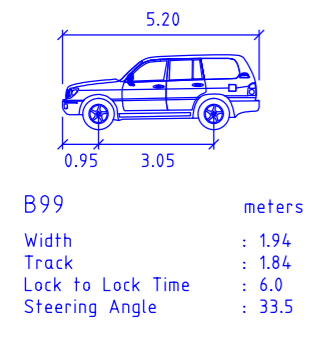
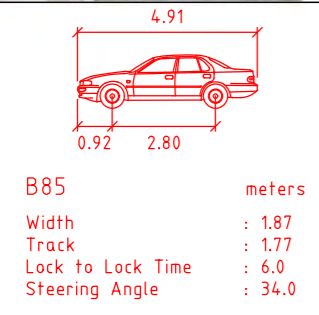
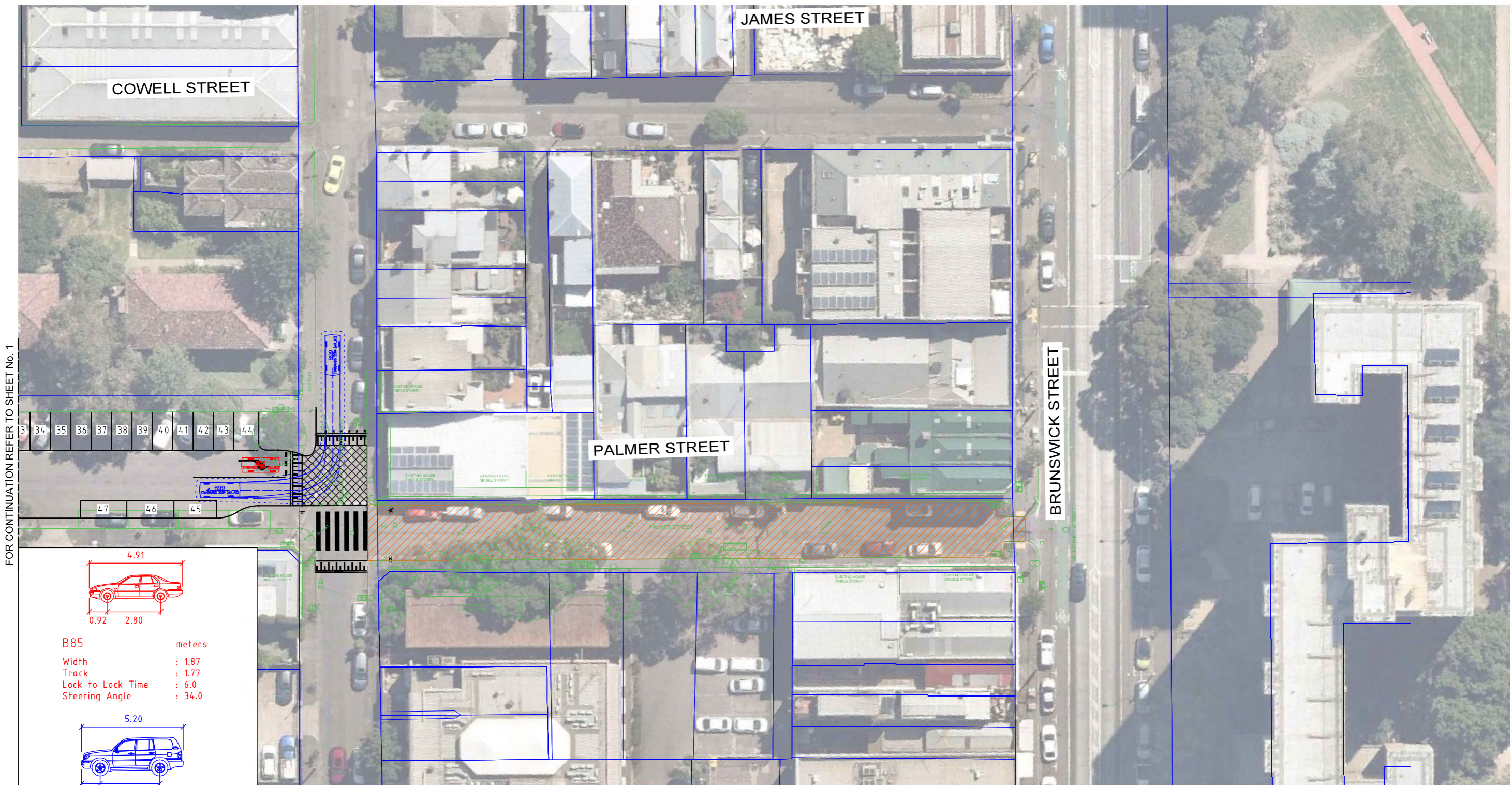
Yarra City Council

**Swept Path Assessment Option 2**

|                |                              |             |
|----------------|------------------------------|-------------|
| SHEET NO.<br>7 | DRAWING NO.<br>190939-SPA-07 | ISSUE<br>P1 |
|----------------|------------------------------|-------------|



FOR CONTINUATION REFER TO SHEET No. 1



| SIGN SCHEDULE |  |      |     |  |      |
|---------------|--|------|-----|--|------|
| #20           |  | R4-4 | #22 |  | R2-4 |
| #21           |  | R4-5 | #23 |  | R3-1 |

| PARKING SPACE TOTALS |          |            |
|----------------------|----------|------------|
| EXISTING             | PROPOSED | NET SPACES |
| 61                   | 62       | 1          |

22/07/2020 190939-SPA-08 3:54:28 PM C:\Cad\Drive\1920 Projects\190939\Design\190939-CTP-01-P1.dgn

| Drawing Record |       |       |          |                               |
|----------------|-------|-------|----------|-------------------------------|
| ISSUE          | DRAWN | APP'D | DATE     | AMENDMENT                     |
| P1             | GL    | AA    | 20.07.20 | 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: 20/07/20

### 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

MELWAY MAP 43 K5 FITZROY

SCALE OF METRES  
0 5 10

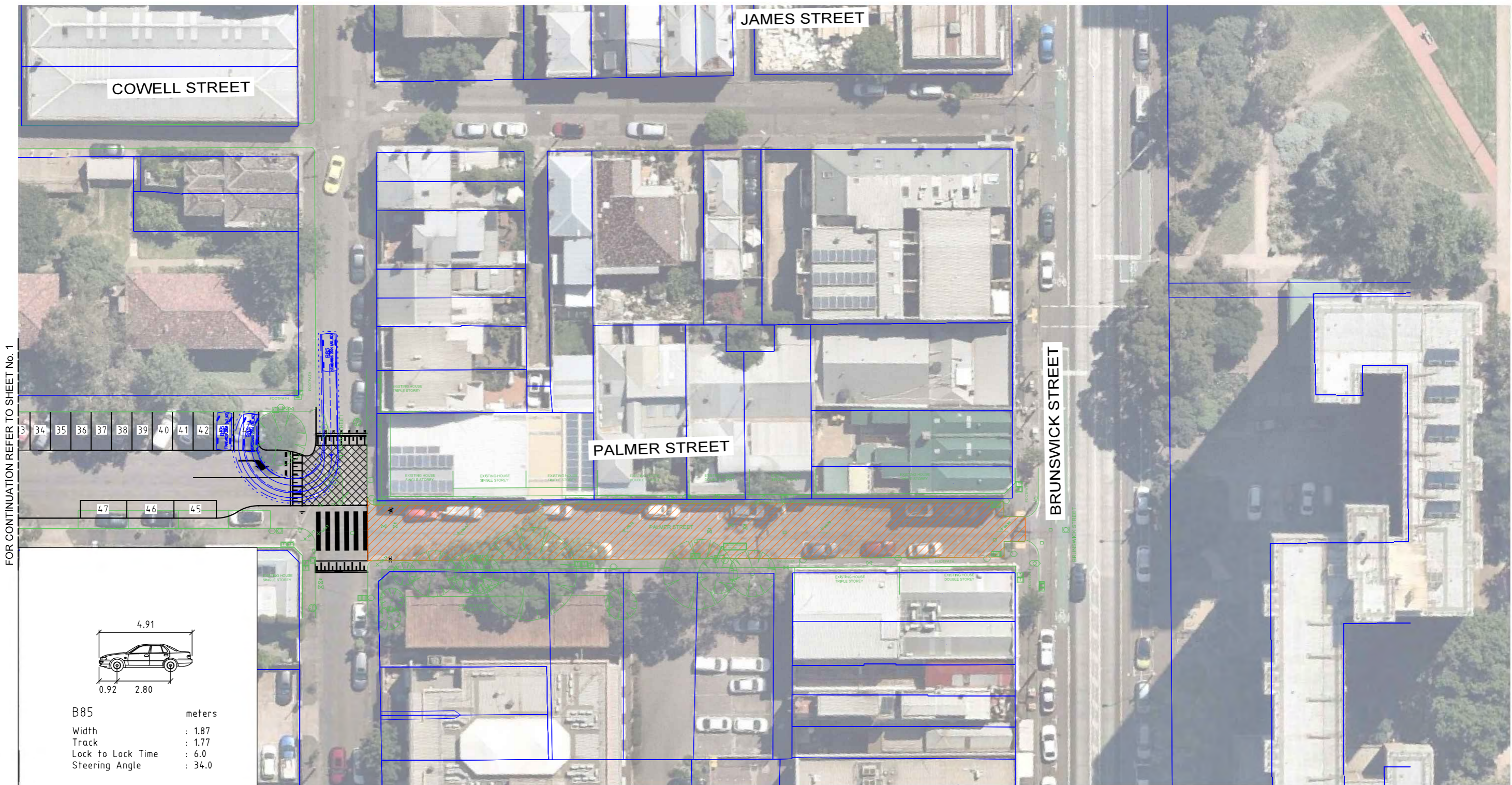
## Palmer Street, Fitzroy

### Yarra City Council

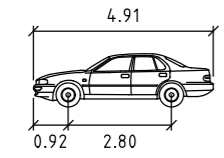
# Swept Path Assessment Option 2

|                |                              |             |
|----------------|------------------------------|-------------|
| SHEET NO.<br>8 | DRAWING NO.<br>190939-SPA-08 | ISSUE<br>P1 |
|----------------|------------------------------|-------------|





FOR CONTINUATION REFER TO SHEET No. 1



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

| SIGN SCHEDULE |  |      |     |  |      |
|---------------|--|------|-----|--|------|
| #20           |  | R4-4 | #22 |  | R2-4 |
| #21           |  | R4-5 | #23 |  | R3-1 |

| PARKING SPACE TOTALS |          |            |
|----------------------|----------|------------|
| EXISTING             | PROPOSED | NET SPACES |
| 61                   | 62       | 1          |

22/07/2020 190939-SPA-09 3:54:30 PM C:\Cad\Drive\1920 Projects\190939\Design\190939-CTP-01-P1.dgn

| Drawing Record |       |       |          |                               |
|----------------|-------|-------|----------|-------------------------------|
| ISSUE          | DRAWN | APP'D | DATE     | AMENDMENT                     |
| P1             | GL    | AA    | 20.07.20 | 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: 20/07/20

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

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

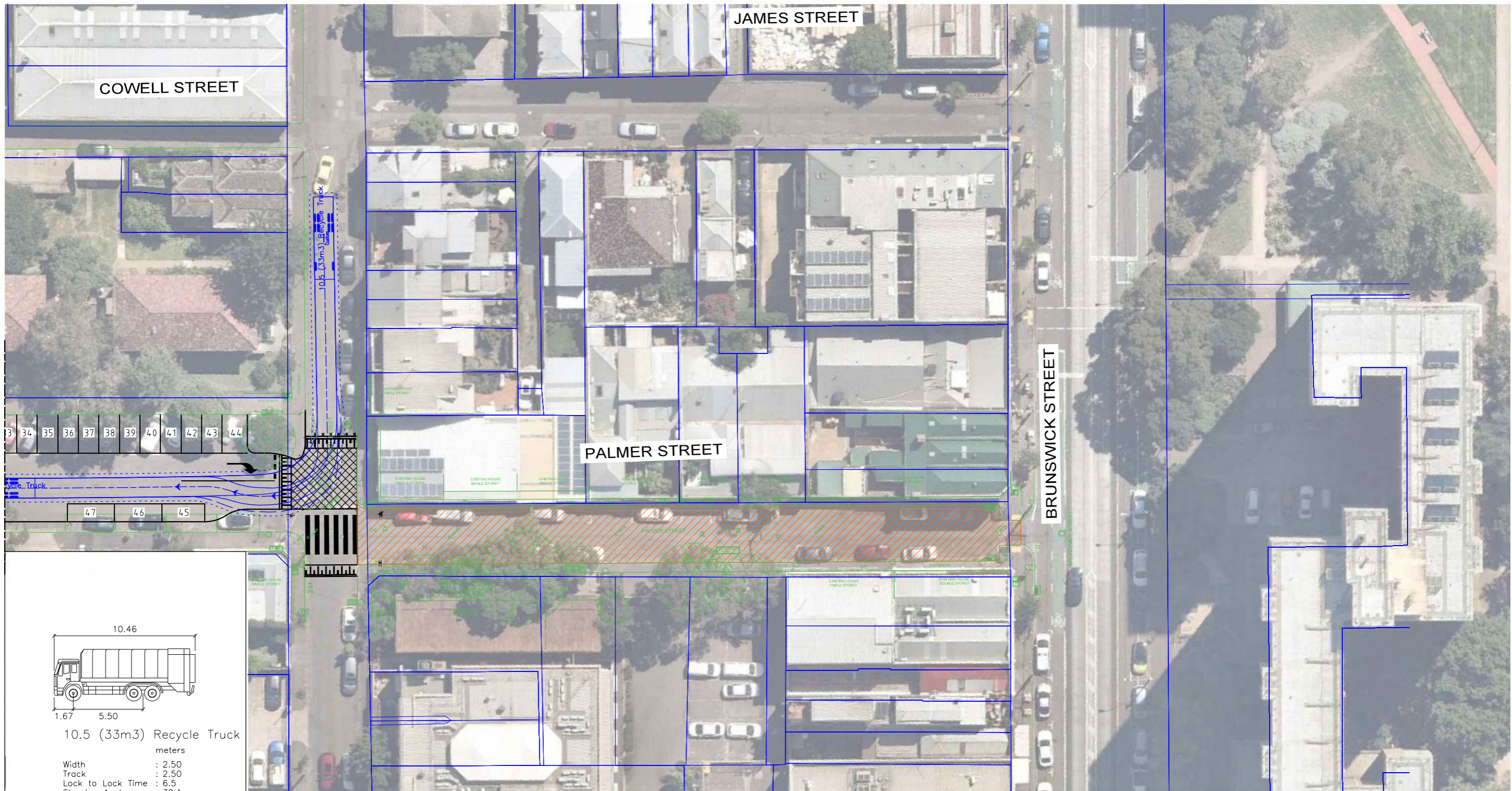
CLIENT

MELWAY MAP 43 K5 FITZROY

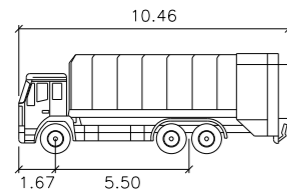
SCALE OF METRES  
 0 5 10

|  |                           |          |
|--|---------------------------|----------|
| <h2 style="margin: 0;">Palmer Street, Fitzroy</h2> <h3 style="margin: 0;">Yarra City Council</h3> <h1 style="margin: 0; font-size: 1.2em;">Swept Path Assessment Option 2</h1> |                           |          |
| SHEET NO. 9  | DRAWING NO. 190939-SPA-09 | ISSUE P1 |





FOR CONTINUATION REFER TO SHEET No. 1



10.5 (33m<sup>3</sup>) Recycle Truck  
 meters  
 Width : 2.50  
 Track : 2.50  
 Lock to Lock Time : 6.5  
 Steering Angle : 38.1

| SIGN SCHEDULE |  |      |     |  |      |
|---------------|--|------|-----|--|------|
| #20           |  | R4-4 | #22 |  | R2-4 |
| #21           |  | R4-5 | #23 |  | R3-1 |

| PARKING SPACE TOTALS |          |            |
|----------------------|----------|------------|
| EXISTING             | PROPOSED | NET SPACES |
| 61                   | 62       | 1          |

22/07/2020 190939-SPA-10 3:54:31 PM C:\Cad\Drive\1920 Projects\190939\Design\190939-CTP-01-P1.dgn

| Drawing Record |       |       |          |                               |
|----------------|-------|-------|----------|-------------------------------|
| ISSUE          | DRAWN | APP'D | DATE     | AMENDMENT                     |
| P1             | GL    | AA    | 20.07.20 | 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: 20/07/20

### 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

MELWAY MAP 43 K5 FITZROY

SCALE OF METRES  
0 5 10

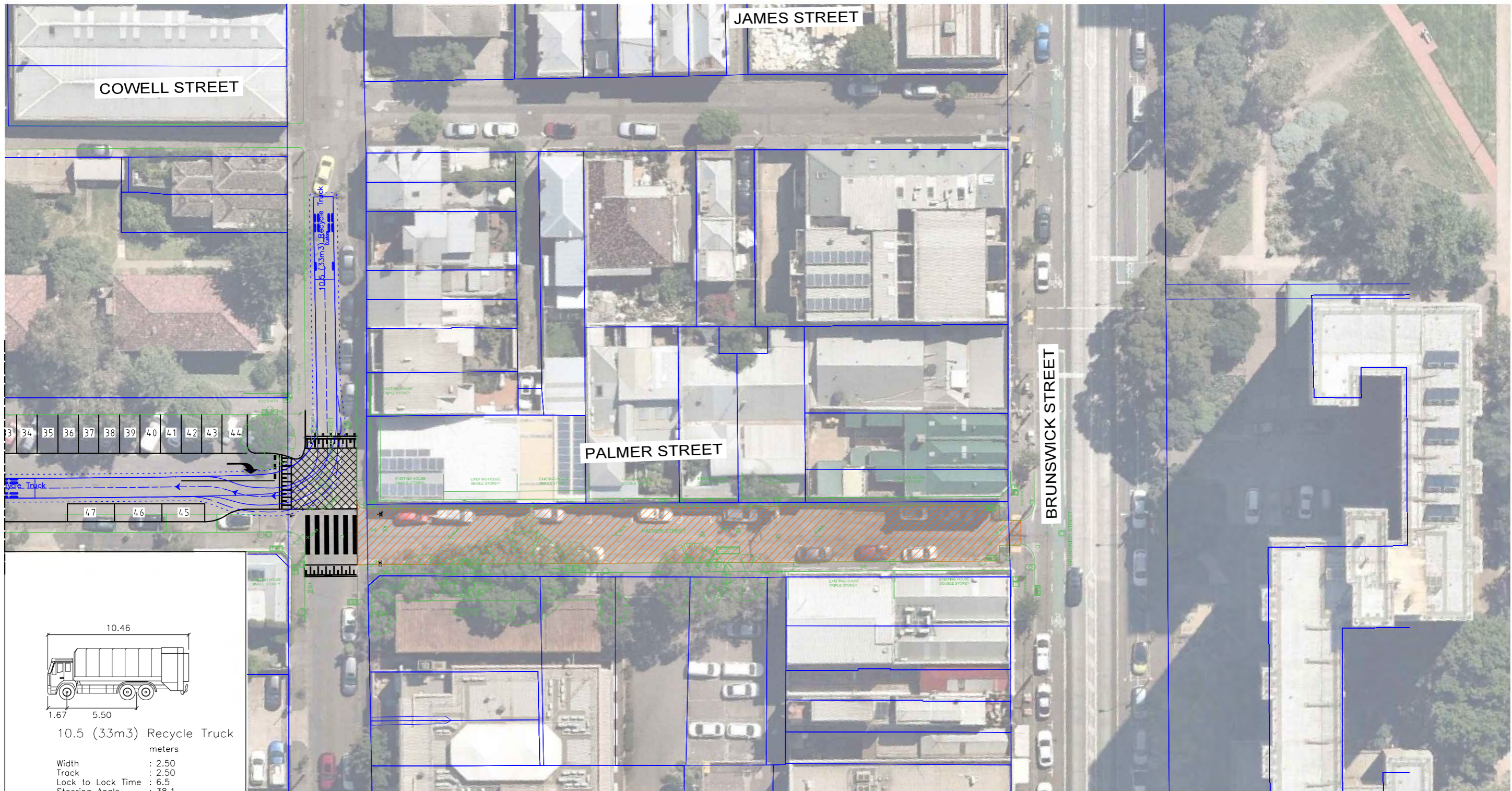
## Palmer Street, Fitzroy

### Yarra City Council

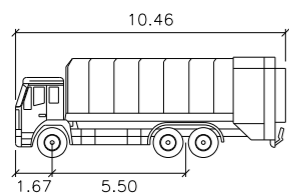
# Swept Path Assessment Option 2

|                 |                              |             |
|-----------------|------------------------------|-------------|
| SHEET NO.<br>10 | DRAWING NO.<br>190939-SPA-10 | ISSUE<br>P1 |
|-----------------|------------------------------|-------------|





FOR CONTINUATION REFER TO SHEET No. 1



10.5 (33m3) Recycle Truck  
 meters  
 Width : 2.50  
 Track : 2.50  
 Lock to Lock Time : 6.5  
 Steering Angle : 38.1

**SIGN SCHEDULE**

|     |  |      |     |  |      |
|-----|--|------|-----|--|------|
| #20 |  | R4-4 | #22 |  | R2-4 |
| #21 |  | R4-5 | #23 |  | R3-1 |

**PARKING SPACE TOTALS**

| EXISTING | PROPOSED | NET SPACES |
|----------|----------|------------|
| 61       | 62       | 1          |

22/07/2020 190939-SPA-11 3:54:32 PM C:\Cad\Drive\1920 Projects\190939\Design\190939-CTP-01-P1.dgn

**Drawing Record**

| ISSUE | DRAWN | APP'D | DATE     | AMENDMENT                     |
|-------|-------|-------|----------|-------------------------------|
| P1    | GL    | AA    | 20.07.20 | 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: 20/07/20

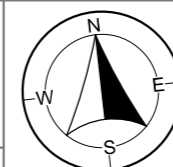
**Notes & Legend**

- 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



MELWAY MAP 43 K5 FITZROY  
 SCALE OF METRES  
 0 5 10

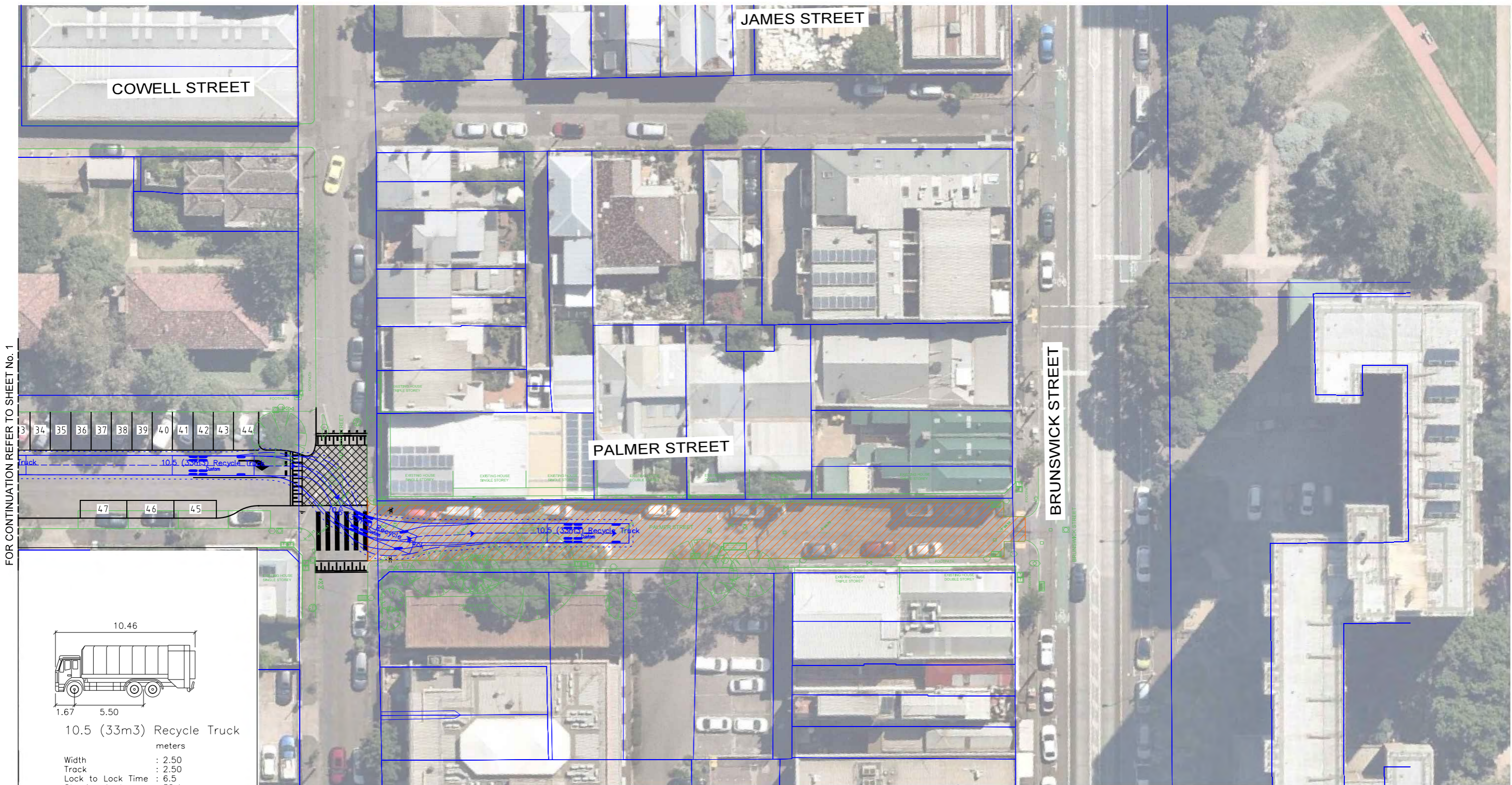
**Palmer Street, Fitzroy**

Yarra City Council

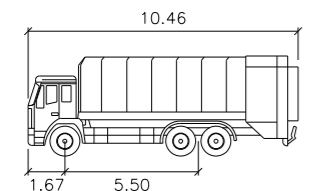
**Swept Path Assessment Option 2**

|                 |                              |             |
|-----------------|------------------------------|-------------|
| SHEET NO.<br>11 | DRAWING NO.<br>190939-SPA-11 | ISSUE<br>P1 |
|-----------------|------------------------------|-------------|





FOR CONTINUATION REFER TO SHEET No. 1



10.5 (33m<sup>3</sup>) Recycle Truck  
 meters  
 Width : 2.50  
 Track : 2.50  
 Lock to Lock Time : 6.5  
 Steering Angle : 38.1

**SIGN SCHEDULE**

|     |  |      |     |  |      |
|-----|--|------|-----|--|------|
| #20 |  | R4-4 | #22 |  | R2-4 |
| #21 |  | R4-5 | #23 |  | R3-1 |

**PARKING SPACE TOTALS**

| EXISTING | PROPOSED | NET SPACES |
|----------|----------|------------|
| 61       | 62       | 1          |

22/07/2020 190939-SPA-12 3:54:34 PM C:\Cad\Drive\1920 Projects\190939\Design\190939-CTP-01-P1.dgn

**Drawing Record**

| ISSUE | DRAWN | APP'D | DATE     | AMENDMENT                     |
|-------|-------|-------|----------|-------------------------------|
| P1    | GL    | AA    | 20.07.20 | 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.

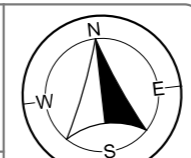
**PRELIMINARY PLAN**  
 FOR DISCUSSION PURPOSES ONLY  
 SUBJECT TO CHANGE WITHOUT NOTIFICATION  
 DATE OF ISSUE: 20/07/20

**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



MELWAY MAP 43 K5 FITZROY  
 SCALE OF METRES  
 0 5 10

**Palmer Street, Fitzroy**

Yarra City Council

**Swept Path Assessment Option 2**

|                 |                              |             |
|-----------------|------------------------------|-------------|
| SHEET NO.<br>12 | DRAWING NO.<br>190939-SPA-12 | ISSUE<br>P1 |
|-----------------|------------------------------|-------------|